



Antea USA, Inc.  
500 Summit Lake Drive, Suite 150  
Valhalla, New York 10595 USA  
www.anteagroup.com

July 28, 2014

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

**Re: Ground Water Monitoring Report – Second 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 May 30, 2014.

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

Christopher Meyer

Senior Project Manager

Encl. Ground Water Monitoring Report – Second Quarter 2014

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

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

**Prepared For:** Atlantic Richfield Company  
**Prepared By:** Antea Group  
**Report Date:** 7/28/2014

**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 – May 30, 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:



Pedro Owsik  
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

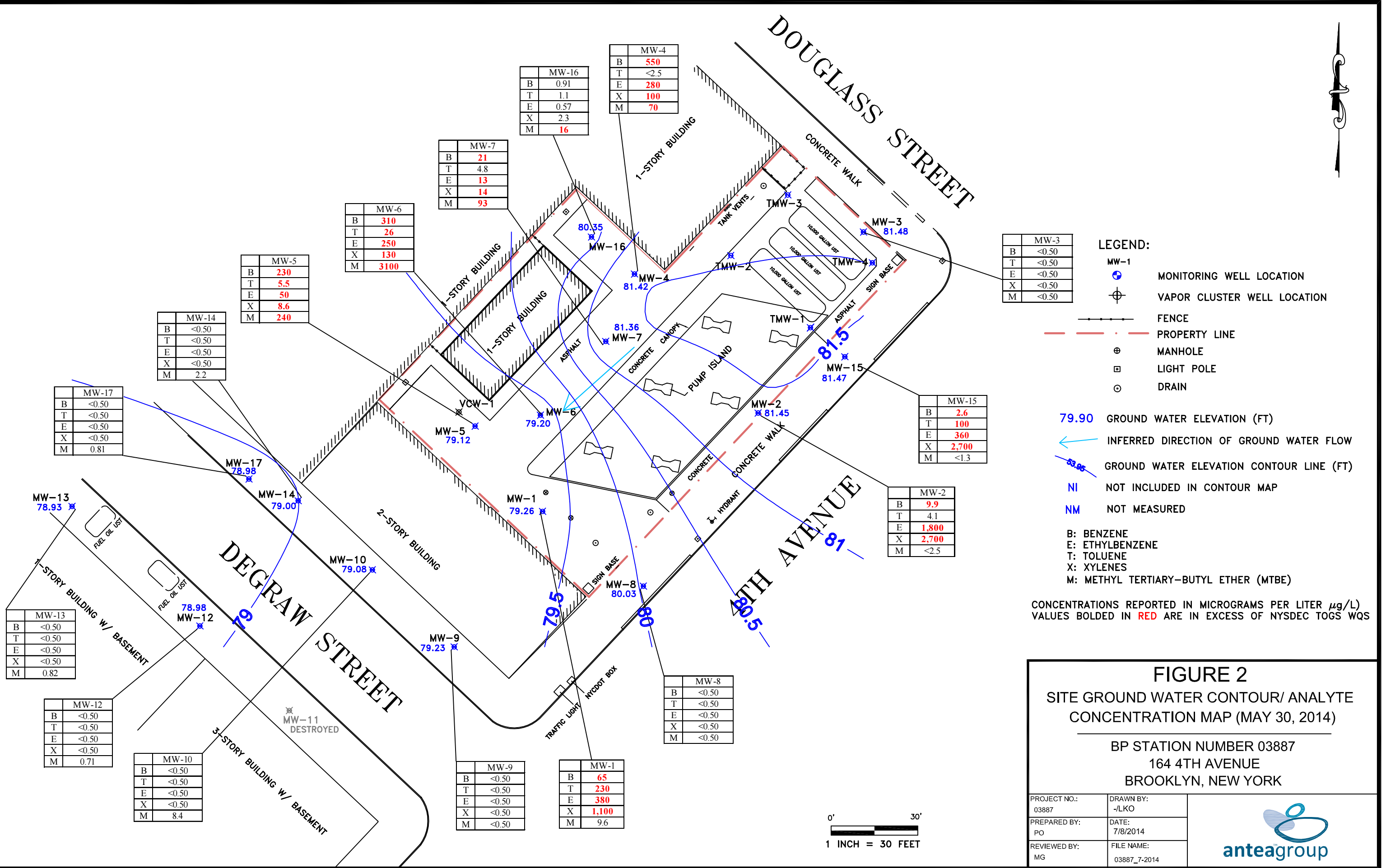
## FIGURE 1

### SITE LOCATION MAP

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

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





**LEGEND:**

- MW-1 MONITORING WELL LOCATION
- VAPOR CLUSTER WELL LOCATION
- FENCE
- PROPERTY LINE
- MANHOLE
- LIGHT POLE
- DRAIN

79.90 GROUND WATER ELEVATION (FT)

INFERRED DIRECTION OF GROUND WATER FLOW

GROUND WATER ELEVATION CONTOUR LINE (FT)

NI NOT INCLUDED IN CONTOUR MAP

NM NOT MEASURED


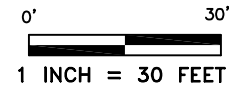
B: BENZENE  
 E: ETHYLBENZENE  
 T: TOLUENE  
 X: XYLENES  
 M: METHYL TERTIARY-BUTYL ETHER (MTBE)

CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER µg/L  
 VALUES BOLDED IN RED ARE IN EXCESS OF NYSDEC TOGS WQS

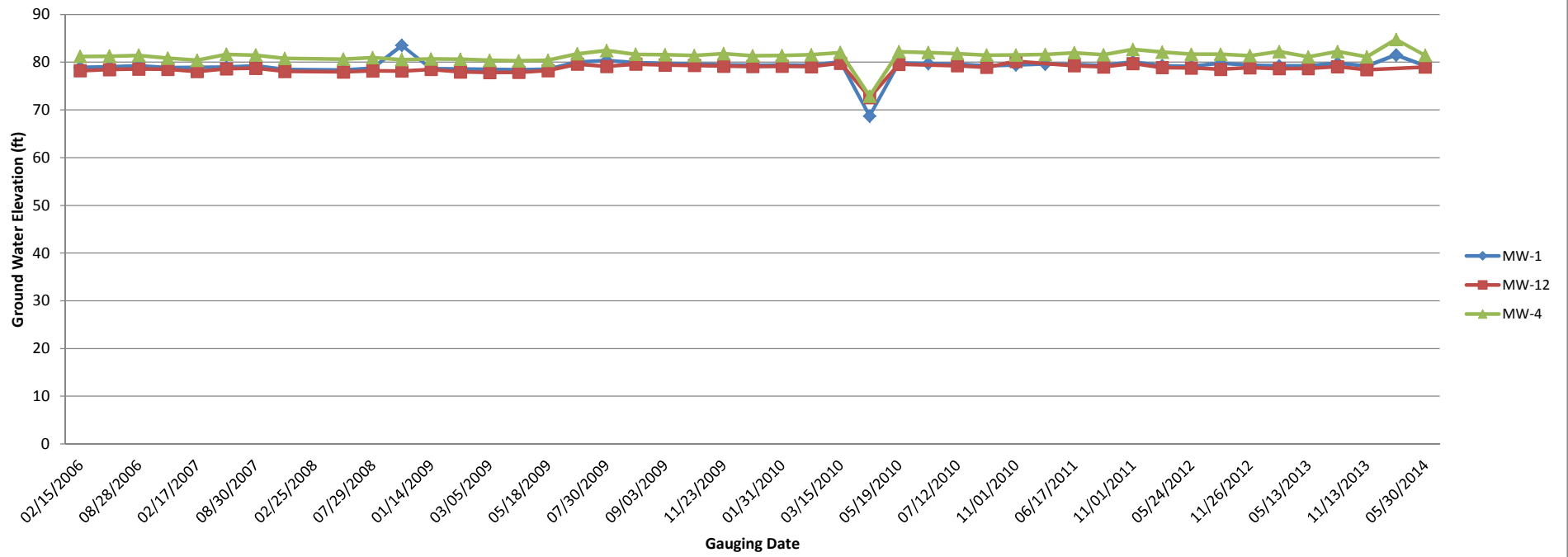
**FIGURE 2**  
 SITE GROUND WATER CONTOUR/ ANALYTE  
 CONCENTRATION MAP (MAY 30, 2014)

BP STATION NUMBER 03887  
 164 4TH AVENUE  
 BROOKLYN, NEW YORK

|                       |                            |
|-----------------------|----------------------------|
| PROJECT NO.:<br>03887 | DRAWN BY:<br>-LKO          |
| PREPARED BY:<br>PO    | DATE:<br>7/8/2014          |
| REVIEWED BY:<br>MG    | FILE NAME:<br>03887_7-2014 |

**Figure 3**  
**GROUND WATER HYDROGRAPH**  
BP Station Number 03887  
164 4th Ave.  
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) | 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-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        |

**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-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        |
| 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          |

**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-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                  |                |                      |                |                   |             |
| 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          |

**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-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         |
| 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                  | 1,100          | 1,775             | 9.6         |
| 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) |                |                      |                |                   |             |

**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-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                   |                |                      |                |                   |             |
| 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         |

**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-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                   |                |                      |                |                   |             |
| 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                   |                |                      |                |                   |             |

**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-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          |
| 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          | 1,800                | 2,700          | 4,514             | <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) | 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-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        |
| 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        |



**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-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       |
| 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       |

**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-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       |
| 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       |

**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) |
|         |            | NGV                       | NGV                 | NGV                 | NGV                  | NGV                   | NGV                  | 1                             | 5              | 5                    | 5              | NGV               | 10          |
| 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) |                |                      |                |                   |             |
| MW-4    | 03/26/2003 | 98.61                     | 19.25               | 18.96               | 0.29                 | 79.58                 |                      | Not Sampled - LNAPL (0.29 ft) |                |                      |                |                   |             |

**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-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         |

**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-4            | 11/21/2007 | 98.61                     | 17.81               | NP                  | NP                   | 80.80                 |                      | 1,270                        | 749            | 1,390                | 5,070          | 8,479             | 450         |
| 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         |

**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-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         |
| 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         |

**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-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-5            | 04/02/2001 | 98.90                     | 21.90               | NP                  | NP                   | 77.00                 |                      | 1,380                        | 277            | 351                  | 410            | 2,418             | 5,040       |
| 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                  |                |                      |                |                   |             |

**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-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       |
| 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                  |                |                      |                |                   |             |



**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-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                  |                |                      |                |                   |             |
| 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             | 6400        |
| 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       |

**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            | 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             | 1400        |
| 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         |
| 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                    | 20.90               | NP                  | NP                   | 79.12                 | NM                   | 230                          | 5.5            | 50                  | 8.6            | 294               | 240         |
| 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       |

**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) |
|         |            | NGV                       | NGV                 | NGV                 | NGV                  | NGV                   | NGV                  | 1                            | 5              | 5                    | 5              | NGV               | 10          |
| 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         |
| 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         |

**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-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                  |                |                      |                |                   |             |
| 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                  |                |                      |                |                   |             |

**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-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      |
| MW-6            | 05/30/2014 | 99.82                     | 20.62               | NP                  | NP                   | 79.20                 | NM                   | 310                          | 26             | 250                  | 130            | 716               | 3,100       |
| 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      |

**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-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       |
| 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         |

**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-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         |
| MW-7            | 03/15/2010 | 99.64                     | 17.65               | NP                  | NP                   | 81.99                 |                      | 200                          | 3.8            | 6.2                 | 9.9            | 220               | 210         |

**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-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         |



**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-7            | 05/30/2014 | 99.64                     | 18.28               | NP                  | NP                   | 81.36                 | NM                   | 21                           | 4.8 J          | 13                  | 14             | 52.8              | 93          |
| 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         |

**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) |
|         |            | NGV                       | NGV                 | NGV                 | NGV                  | NGV                   | NGV                  | 1                            | 5              | 5                    | 5              | NGV               | 10          |
| 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         |
| 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         |

**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-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                  |                |                      |                |                   |             |
| 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       |

**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-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-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         |
| 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                  | <b>5.8</b>     | 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                 |                      | <b>16.2</b>                  | 2.5            | 2.5                  | <b>9.5</b>     | 30.7              | <b>315</b>  |

**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-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                  |                |                     |                |                   |             |
| 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                  |                |                     |                |                   |             |

**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-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         |
| 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       |

**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-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 | 96.00                     | 16.77               | NP                  | NP                   | 79.23                 | NM                   | <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        |
| 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         |

**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-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          |
| 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                  |                |                      |                |                   |             |



**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-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         |
| 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         |

**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-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                     | 16.50               | NP                  | NP                   | 79.08                 | NM                   | <0.50                        | <0.50          | <0.50                | <0.50          | ND                | 8.4         |
| 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         |
| 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        |

**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-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                  |                |                      |                |                   |             |
| 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      |

**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-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                  |                |                     |                |                   |             |

**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           | 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                  |                         |                      |                |                   |             |  |
| 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       |  |

**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           | 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       |
| 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 J      |
| MW-13           | 02/15/2005 | 93.21                     | 15.29                         | NP                  | NP                   | 77.92                 |                      | <1.0                         | <1.0           | <1.0                 | <1.0           | ND                | <b>10.9</b> |
| 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                | <b>13.4</b> |
| MW-13           | 02/15/2006 | 93.21                     | 15.10                         | NP                  | NP                   | 78.11                 |                      | <1.0                         | <1.0           | <1.0                 | <1.0           | ND                | <b>10.6</b> |
| 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         |

**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-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                  |                |                      |                |                   |             |
| 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       |



**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-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                  |                |                      |                |                   |             |
| 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         |

**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           | 05/13/2013 | 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                     | 15.40               | NP                  | NP                   | 78.93                 | NM                   | <0.50                        | <0.50          | <0.50               | <0.50          | ND                | 0.82 J      |
| 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                  |                |                     |                |                   |             |
| 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         |

**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-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                  |                |                      |                |                   |             |
| 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         |

**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-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         |
| 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                 | <.50           | ND                | 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) | 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-14           | 05/30/2014 | 95.16                     | 16.16               | NP                  | NP                   | 79.00                 | NM                   | <0.50                        | <0.50          | <0.50                | <0.50          | ND                | 2.2         |
| 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                  |                |                      |                |                   |             |
| 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        |

**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) |
|         |            | NGV                       | NGV                        | NGV                 | NGV                  | NGV                   | NGV                  | 1                            | 5              | 5                   | 5              | NGV               | 10          |
| 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                 | 2,700          | 3,163             | <1.3        |
| 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                  |                |                     |                |                   |             |

**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-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          |
| 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          |

**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-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 | 100.30                    | 19.95               | NP                  | NP                   | 80.35                 | NM                   | 0.91 J                       | 1.1            | 0.57 J               | 2.3            | 4.88              | 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         |
| 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         |



**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-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 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) | 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          |

**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

June 12, 2014

Project: BP 3887

Submittal Date: 05/31/2014  
Group Number: 1478469  
PO Number: 0092X-0001  
Release Number: ONUFRAK/3887  
State of Sample Origin: NY

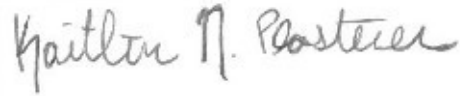
| <u>Client Sample Description</u> | <u>Lancaster Labs (LL) #</u> |
|----------------------------------|------------------------------|
| MW-3 Water                       | 7483756                      |
| MW-15 Water                      | 7483757                      |
| MW-2 Water                       | 7483758                      |
| MW-8 Water                       | 7483759                      |
| MW-1 Water                       | 7483760                      |
| MW-7 Water                       | 7483761                      |
| MW-6 Water                       | 7483762                      |
| MW-9 Water                       | 7483763                      |
| MW-14 Water                      | 7483764                      |
| MW-5 Water                       | 7483765                      |
| MW-16 Water                      | 7483766                      |
| MW-10 Water                      | 7483767                      |
| MW-17 Water                      | 7483768                      |
| MW-12 Water                      | 7483769                      |
| MW-12 Matrix Spike Water         | 7483770                      |
| MW-12 Matrix Spike Dup Water     | 7483771                      |
| Trip Blank Water                 | 7483772                      |
| MW-4 Water                       | 7483773                      |
| MW-13 Water                      | 7483774                      |

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 TO

Attn: Mara Grislis  
  
Attn: Mark Hutson

Respectfully Submitted,



Kaitlin N. Plasterer  
Specialist

(717) 556-7323

---

Project Name: BP 3887  
LL Group #: 1478469

**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-3 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483756  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:26 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M3

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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      | P141552AA | 06/04/2014 11:30       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 11:30       | Anita M Dale | 1               |

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

Sample Description: MW-15 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483757  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:35 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-15

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 2.6                | 1.3                                 | 2.5                               | 2.5             |
| 13130        | Ethylbenzene                | 100-41-4            | 360                | 1.3                                 | 2.5                               | 2.5             |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | < 1.3              | 1.3                                 | 2.5                               | 2.5             |
| 13130        | Toluene                     | 108-88-3            | 100                | 1.3                                 | 2.5                               | 2.5             |
| 13130        | Xylene (Total)              | 1330-20-7           | 2,700              | 13                                  | 25                                | 25              |

### 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      | P141552AA | 06/04/2014 11:58       | Anita M Dale | 2.5             |
| 13130   | UST VOCs BTEX/MTBE 8260 | SW-846 8260C | 1      | P141552AA | 06/04/2014 12:27       | Anita M Dale | 25              |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 11:58       | Anita M Dale | 2.5             |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 2      | P141552AA | 06/04/2014 12:27       | Anita M Dale | 25              |

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



Sample Description: MW-2 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483758  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:44 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M2

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 9.9                | 2.5                                 | 5.0                               | 5               |
| 13130        | Ethylbenzene                | 100-41-4            | 1,800              | 25                                  | 50                                | 50              |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | < 2.5              | 2.5                                 | 5.0                               | 5               |
| 13130        | Toluene                     | 108-88-3            | 4.1 J              | 2.5                                 | 5.0                               | 5               |
| 13130        | Xylene (Total)              | 1330-20-7           | 2,700              | 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      | P141552AA | 06/04/2014 12:56       | Anita M Dale | 5               |
| 13130   | UST VOCs BTEX/MTBE 8260 | SW-846 8260C | 1      | P141552AA | 06/04/2014 13:24       | Anita M Dale | 50              |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 12:56       | Anita M Dale | 5               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 2      | P141552AA | 06/04/2014 13:24       | Anita M Dale | 50              |

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

Sample Description: MW-8 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483759  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:53 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M8

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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      | P141552AA | 06/04/2014 13:53       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 13:53       | Anita M Dale | 1               |

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

Sample Description: MW-1 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483760  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:02 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M1

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 65                 | 1.0                                 | 2.0                               | 2               |
| 13130        | Ethylbenzene                | 100-41-4            | 380                | 10                                  | 20                                | 20              |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 9.6                | 1.0                                 | 2.0                               | 2               |
| 13130        | Toluene                     | 108-88-3            | 230                | 1.0                                 | 2.0                               | 2               |
| 13130        | Xylene (Total)              | 1330-20-7           | 1,100              | 10                                  | 20                                | 20              |

### 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      | P141552AA | 06/04/2014 14:21       | Anita M Dale | 2               |
| 13130   | UST VOCs BTEX/MTBE 8260 | SW-846 8260C | 1      | P141552AA | 06/04/2014 14:50       | Anita M Dale | 20              |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 14:21       | Anita M Dale | 2               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 2      | P141552AA | 06/04/2014 14:50       | Anita M Dale | 20              |

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

Sample Description: MW-7 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483761  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:12 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M7

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 21                 | 2.5                                 | 5.0                               | 5               |
| 13130        | Ethylbenzene                | 100-41-4            | 13                 | 2.5                                 | 5.0                               | 5               |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 93                 | 2.5                                 | 5.0                               | 5               |
| 13130        | Toluene                     | 108-88-3            | 4.8 J              | 2.5                                 | 5.0                               | 5               |
| 13130        | Xylene (Total)              | 1330-20-7           | 14                 | 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      | P141552AA | 06/04/2014 15:19       | Anita M Dale | 5               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 15:19       | Anita M Dale | 5               |

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

Sample Description: MW-6 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483762  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:21 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M6

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 310                | 5.0                                 | 10                                | 10              |
| 13130        | Ethylbenzene                | 100-41-4            | 250                | 5.0                                 | 10                                | 10              |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 3,100              | 5.0                                 | 10                                | 10              |
| 13130        | Toluene                     | 108-88-3            | 26                 | 5.0                                 | 10                                | 10              |
| 13130        | Xylene (Total)              | 1330-20-7           | 130                | 5.0                                 | 10                                | 10              |

### 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      | P141572AA | 06/06/2014 15:28       | Anita M Dale | 10              |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141572AA | 06/06/2014 15:28       | Anita M Dale | 10              |

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

Sample Description: MW-9 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483763  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:30 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M9

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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      | P141552AA | 06/04/2014 16:17       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 16:17       | Anita M Dale | 1               |

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

Sample Description: MW-14 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483764  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:39 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-14

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 2.2                | 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      | P141552AA | 06/04/2014 16:45       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 16:45       | Anita M Dale | 1               |

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

Sample Description: MW-5 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483765  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:49 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M5

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 230                | 5.0                                 | 10                                | 10              |
| 13130        | Ethylbenzene                | 100-41-4            | 50                 | 0.50                                | 1.0                               | 1               |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 240                | 0.50                                | 1.0                               | 1               |
| 13130        | Toluene                     | 108-88-3            | 5.5                | 0.50                                | 1.0                               | 1               |
| 13130        | Xylene (Total)              | 1330-20-7           | 8.6                | 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      | P141552AA | 06/04/2014 17:14       | Anita M Dale | 1               |
| 13130   | UST VOCs BTEX/MTBE 8260 | SW-846 8260C | 1      | P141572AA | 06/06/2014 15:57       | Anita M Dale | 10              |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 17:14       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 2      | P141572AA | 06/06/2014 15:57       | Anita M Dale | 10              |

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



Sample Description: MW-16 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483766  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:40 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-16

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 0.91 J             | 0.50                                | 1.0                               | 1               |
| 13130        | Ethylbenzene                | 100-41-4            | 0.57 J             | 0.50                                | 1.0                               | 1               |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 16                 | 0.50                                | 1.0                               | 1               |
| 13130        | Toluene                     | 108-88-3            | 1.1                | 0.50                                | 1.0                               | 1               |
| 13130        | Xylene (Total)              | 1330-20-7           | 2.3                | 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      | P141552AA | 06/04/2014 17:42       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 17:42       | Anita M Dale | 1               |

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

Sample Description: MW-10 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483767  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 11:49 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-10

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 8.4                | 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      | P141552AA | 06/04/2014 18:11       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 18:11       | Anita M Dale | 1               |

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

Sample Description: MW-17 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483768  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:18 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-17

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 0.81 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      | P141552AA | 06/04/2014 18:39       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 18:39       | Anita M Dale | 1               |

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

Sample Description: MW-12 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483769  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:27 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-12

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 0.71 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      | P141552AA | 06/04/2014 09:06       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 09:06       | Anita M Dale | 1               |

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

Sample Description: MW-12 Matrix Spike Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483770  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:27 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-12

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 18                 | 0.50                                | 1.0                               | 1               |
| 13130        | Ethylbenzene                | 100-41-4            | 20                 | 0.50                                | 1.0                               | 1               |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 19                 | 0.50                                | 1.0                               | 1               |
| 13130        | Toluene                     | 108-88-3            | 21                 | 0.50                                | 1.0                               | 1               |
| 13130        | Xylene (Total)              | 1330-20-7           | 62                 | 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      | P141552AA | 06/04/2014 09:35       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 09:35       | Anita M Dale | 1               |

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

Sample Description: MW-12 Matrix Spike Dup Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483771  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 12:27 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-12

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 60                 | 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      | P141552AA | 06/04/2014 10:04       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 10:04       | Anita M Dale | 1               |

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

Sample Description: Trip Blank Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483772  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-TB

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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      | P141552AA | 06/04/2014 08:37       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 08:37       | Anita M Dale | 1               |

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

Sample Description: MW-4 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483773  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 13:02 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-M4

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 13130        | Benzene                     | 71-43-2             | 550                | 2.5                                 | 5.0                               | 5               |
| 13130        | Ethylbenzene                | 100-41-4            | 280                | 2.5                                 | 5.0                               | 5               |
| 13130        | Methyl Tertiary Butyl Ether | 1634-04-4           | 70                 | 2.5                                 | 5.0                               | 5               |
| 13130        | Toluene                     | 108-88-3            | < 2.5              | 2.5                                 | 5.0                               | 5               |
| 13130        | Xylene (Total)              | 1330-20-7           | 100                | 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      | P141552AA | 06/04/2014 10:32       | Anita M Dale | 5               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 10:32       | Anita M Dale | 5               |

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



Sample Description: MW-13 Water  
BP 3887 COC: R218524  
164 4th Ave-Brooklyn, NY

LL Sample # WW 7483774  
LL Group # 1478469  
Account # 12379

Project Name: BP 3887

Collected: 05/30/2014 13:10 by BR

Atlantic Richfield (Antea-NY)

Submitted: 05/31/2014 10:00

BP Corporation

Reported: 06/12/2014 15:49

501 WestLake Park Blvd.

Houston TX 77079

BR-13

| CAT No.      | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|--------------|-----------------------------|---------------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS</b> | <b>Volatiles</b>            | <b>SW-846 8260C</b> | <b>ug/l</b>        | <b>ug/l</b>                         | <b>ug/l</b>                       |                 |
| 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           | 0.82 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      | P141552AA | 06/04/2014 11:01       | Anita M Dale | 1               |
| 01163   | GC/MS VOA Water Prep    | SW-846 5030C | 1      | P141552AA | 06/04/2014 11:01       | Anita M Dale | 1               |

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

## Quality Control Summary

Client Name: Atlantic Richfield (Antea-NY)  
Reported: 06/12/14 at 03:49 PM

Group Number: 1478469

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: P141552AA     | Sample number(s): 7483756-7483761,7483763-7483774 |                    |                  |                     |                 |                  |                        |            |                |
| Benzene                     | < 0.50  | 0.50               | 1.0              | ug/l                | 85              |                  | 78-120                 |            |                |
| Ethylbenzene                | < 0.50  | 0.50               | 1.0              | ug/l                | 94              |                  | 79-120                 |            |                |
| Methyl Tertiary Butyl Ether | < 0.50  | 0.50               | 1.0              | ug/l                | 90              |                  | 75-120                 |            |                |
| Toluene                     | < 0.50  | 0.50               | 1.0              | ug/l                | 97              |                  | 80-120                 |            |                |
| Xylene (Total)              | < 0.50  | 0.50               | 1.0              | ug/l                | 97              |                  | 80-120                 |            |                |
| Batch number: P141572AA     | Sample number(s): 7483762,7483765                 |                    |                  |                     |                 |                  |                        |            |                |
| Benzene                     | < 0.50  | 0.50               | 1.0              | ug/l                | 88              | 85               | 78-120                 | 4          | 30             |
| Ethylbenzene                | < 0.50  | 0.50               | 1.0              | ug/l                | 93              | 91               | 79-120                 | 3          | 30             |
| Methyl Tertiary Butyl Ether | < 0.50  | 0.50               | 1.0              | ug/l                | 92              | 90               | 75-120                 | 3          | 30             |
| Toluene                     | < 0.50  | 0.50               | 1.0              | ug/l                | 98              | 94               | 80-120                 | 3          | 30             |
| Xylene (Total)              | < 0.50  | 0.50               | 1.0              | ug/l                | 96              | 95               | 80-120                 | 2          | 30             |

### 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: P141552AA     | Sample number(s): 7483756-7483761,7483763-7483774 UNSPK: 7483769 |                 |                      |            |                |                 |                 |                |                    |
| Benzene                     | 92   | 86              | 72-134               | 7          | 30             |                 |                 |                |                    |
| Ethylbenzene                | 101  | 96              | 71-134               | 5          | 30             |                 |                 |                |                    |
| Methyl Tertiary Butyl Ether | 91   | 86              | 72-126               | 5          | 30             |                 |                 |                |                    |
| Toluene                     | 107  | 101             | 80-125               | 5          | 30             |                 |                 |                |                    |
| Xylene (Total)              | 104  | 99              | 79-125               | 5          | 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: P141552AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 7483756 | 97                   | 94                    | 101        | 96                   |

\*- 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: 06/12/14 at 03:49 PM

Group Number: 1478469

### Surrogate Quality Control

|         |    |    |     |    |
|---------|----|----|-----|----|
| 7483757 | 98 | 93 | 101 | 96 |
| 7483758 | 97 | 93 | 101 | 97 |
| 7483759 | 96 | 93 | 101 | 95 |
| 7483760 | 98 | 93 | 100 | 97 |
| 7483761 | 97 | 95 | 100 | 96 |
| 7483763 | 96 | 94 | 100 | 95 |
| 7483764 | 98 | 93 | 100 | 95 |
| 7483765 | 99 | 92 | 101 | 98 |
| 7483766 | 98 | 94 | 100 | 97 |
| 7483767 | 98 | 95 | 100 | 96 |
| 7483768 | 98 | 93 | 99  | 95 |
| 7483769 | 95 | 92 | 101 | 94 |
| 7483770 | 97 | 97 | 101 | 96 |
| 7483771 | 96 | 95 | 101 | 96 |
| 7483772 | 96 | 92 | 102 | 95 |
| 7483773 | 96 | 95 | 101 | 97 |
| 7483774 | 97 | 94 | 101 | 94 |
| Blank   | 97 | 95 | 101 | 96 |
| LCS     | 97 | 95 | 101 | 96 |
| MS      | 97 | 97 | 101 | 96 |
| MSD     | 96 | 95 | 101 | 96 |

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

Analysis Name: MTBE 8260B

Batch number: P141572AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 7483762 | 99                   | 95                    | 100        | 96                   |
| Blank   | 98                   | 93                    | 100        | 95                   |
| LCS     | 98                   | 95                    | 99         | 96                   |
| LCSD    | 96                   | 96                    | 100        | 96                   |

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.



Laboratory Management Program LaMP Chain of Custody Record

R218524

A-12379  
6-1478469  
5-7483756-74

BP Site Node Path:

164 4th Ave

Req Due Date (mm/dd/yy):

STD

Rush TAT: Yes \_\_\_ No X

Lab Work Order Number:

03887

Lab Name: Lancaster Labs Facility Address: 164 4th Ave Consultant/Contractor: Antea Group  
 Lab Address: 2425 New Holland Pike City, State, ZIP Code: Brooklyn, NY Consultant/Contractor Project No: 03887  
 Lab PM: Martin Plaster Lead Regulatory Agency: NYS DEC Address: 500 Summit Lake Dr. Valhalla, NY  
 Lab Phone: (717) 656-2300 California Global ID No.: Consultant/Contractor PM: Mark Hutson  
 Lab Shipping Acct: Enfos Proposal No: 0002X-0001 Phone: 914-495-9147 Email:  
 Lab Bottle Order No: 155215 Accounting Mode: Provision X OOC-BU \_\_\_ OOC-RM \_\_\_ Email EDD To: Antea Group and to lab.enfosdoc@bp.com  
 Other Info: Stage: 60 Activity: 81 Invoice To: BP X Contractor \_\_\_

BP Project Manager (PM): Nicholas Onofrak  
 BP PM Phone:  
 BP PM Email: Nicholas.Onofrak@BP.com

| Lab No. | Sample Description | Date    | Time  | Matrix       |                |             |                          | No. Containers / Preservative |             |       |      |     | Requested Analyses |                |  |  |  |  |  |  |  |  | Report Type & QC Level |  |  |  |  |                   |
|---------|--------------------|---------|-------|--------------|----------------|-------------|--------------------------|-------------------------------|-------------|-------|------|-----|--------------------|----------------|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|-------------------|
|         |                    |         |       | Soil / Solid | Water / Liquid | Air / Vapor | Is this location a well? | Total Number of Container:    | Unpreserved | H2SO4 | HNO3 | HCl | Methanol           | BTEXNHBE 0260C |  |  |  |  |  |  |  |  |                        |  |  |  |  | Standard <u>X</u> |
|         | MW-3               | 5-30-14 | 11:26 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-15              |         | 11:35 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-2               |         | 11:44 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-8               |         | 11:53 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-1               |         | 12:02 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-7               |         | 12:12 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-6               |         | 12:21 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-9               |         | 12:30 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-14              |         | 12:39 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |
|         | MW-5               | 5-30-14 | 12:49 | X            | Y              | 3           |                          |                               |             |       |      |     |                    |                |  |  |  |  |  |  |  |  |                        |  |  |  |  |                   |

Sampler's Name: Bill Rissary Relinquished By / Affiliation: R. Miquahka Date: 5/9/14 Time: 07:21 Accepted By / Affiliation: [Signature] Date: [Blank] Time: [Blank]  
 Sampler's Company: Antea Group  
 Shipment Method: UPS Ship Date: 5/30/14 14:30  
 Shipment Tracking No: 1Z75Y02XY042088801

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place (Yes/No) | Temp Blank (Yes/No) | Cooler Temp on Receipt: 1.5 °C | Trip Blank (Yes/No) | MS/MSD Sample Submitted (Yes/No)



Laboratory Management Program LaMP Chain of Custody Record

R215340

A-12379  
6-147849  
S-7483756-74

BP Site Node Path: 164 4th Ave

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

Rush TAT: Yes No X

BP Facility No: 03887

Lab Work Order Number:

|                                    |  |  |
|------------------------------------|--|--|
| Lab Name: Lancaster Labs           | Facility Address: 164 4th Ave              | Consultant/Contractor: Anka Group                                  |
| Lab Address: 2425 New Holland Pike | City, State, ZIP Code: Brooklyn, NY        | Consultant/Contractor Project No: 03887                            |
| Lab PM: Kaitlin Plester            | Lead Regulatory Agency: NYS/DEC            | Address: 500 Summit Lake Dr. Valhalla, NY                          |
| Lab Phone: (717) 656 2300          | California Global ID No.:                  | Consultant/Contractor PM: Mark Hutson                              |
| Lab Shipping Acctn:                | Enfos Proposal No: 0092X-0001              | Phone: 914-495-9947 Email:   |
| Lab Bottle Order No:               | Accounting Mode: Provision X OOC-BU OOC-RM | Email EDD To: mark.hutson@ankagroup.com and to lab.enfosdoc@bp.com |
| Other Info:                        | Stage: 60 Activity: 81                     | Invoice To: BP Contractor  |

| BP Project Manager (PM): Nicholas Onfrak |                    |         |       | Matrix       |                | No. Containers / Preservative |                          |                            |             |       |      | Requested Analyses |          |               |  |  |  | Report Type & QC Level |  |  |          |                   |
|--|--------------------|---------|-------|--------------|----------------|-------------------------------|--------------------------|----------------------------|-------------|-------|------|--------------------|----------|---------------|--|--|--|------------------------|--|--|----------|-------------------|
| BP PM Phone:                             |                    |         |       | Soil / Solid | Water / Liquid | Air / Vapor                   | Is this location a well? | Total Number of Container: | Unpreserved | H2SO4 | HNO3 | HCl                | Methanol | BTEX/MTBE/SAH |  |  |  |                        |  |  | Standard | Full Data Package |
| BP PM Email: nicolas.onfrak@bp.com       |                    |         |       |              |                |                               |                          |                            |             |       |      |                    |          |               |  |  |  |                        |  |  | Comments |                   |
| Lab No.                                  | Sample Description | Date    | Time  |              |                |                               |                          |                            |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-16              | 5-30-14 | 11:40 | X            |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-10              |         | 11:49 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-11              |         | 12:07 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-17              |         | 12:18 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-12              |         | 12:27 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-12MS            |         | 12:27 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-12MSD           |         | 12:27 |              |                |                               |                          | 3                          |             |       |      |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | Trip Blank         |         | -     |              |                | N                             |                          |                            |             |       | 2    |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-4               |         | 13:02 |              |                | Y                             |                          |                            |             |       | 3    |                    |          |               |  |  |  |                        |  |  |          |                   |
|  | MW-13              |         | 13:10 |              |                | X                             |                          |                            |             |       | 3    |                    |          |               |  |  |  |                        |  |  |          |                   |

|   |  |               |             |  |               |             |
|---|--|---------------|-------------|--|---------------|-------------|
| Sampler's Name: Bill Rizant               | Relinquished By / Affiliation: William B. Rizant | Date: 5/30/14 | Time: 14:30 | Accepted By / Affiliation: [Signature] | Date: 5/31/14 | Time: 10:00 |
| Sampler's Company: Anka Group             |  |               |             |  |               |             |
| Shipment Method: UPS                      | Ship Date:                                       |               |             |  |               |             |
| Shipment Tracking No: 1Z75Y02X Y042051101 |  |               |             |  |               |             |

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.5 °F | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Client: Antea Group

**Delivery and Receipt Information**

Delivery Method: UPS                      Arrival Timestamp: 05/31/2014 10:00  
 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>No</u>  | Air Quality Returns:                  | <u>N/A</u> |
| Missing Samples:                     | <u>Yes</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 14:58 on 05/31/2014

**Samples Chilled Details**

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

| <u>Cooler #</u> | <u>Thermometer ID</u> | <u>Corrected Temp</u> | <u>Therm. Type</u> | <u>Ice Type</u> | <u>Ice Present?</u> | <u>Ice Container</u> | <u>Samples Collected Same Day as Receipt?</u> | <u>Elevated Temp?</u> |
|-----------------|-----------------------|-----------------------|--------------------|-----------------|---------------------|----------------------|---|-----------------------|
| 1               | DT121                 | 1.5                   | DT                 | Wet             | Y                   | Bagged               | N   | N                     |

**Samples Not Intact Details**

| <u>Sample ID on Label</u> | <u>Bottle Code</u>             | <u>Bottle Quantity</u> | <u>Container Salvageable?</u> | <u>Comments</u> |
|---------------------------|--------------------------------|------------------------|-------------------------------|-----------------|
| MW-12MSD                  | 40 ml glass vial (GC/MS) - HCl | 1                      | N                             |                 |

**Missing Sample Details**

| <u>Sample ID on COC</u> | <u>Comments</u> |
|-------------------------|-----------------|
| MW-11                   |                 |

# Explanation of Symbols and Abbreviations

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

|                      |                       |                 |                                  |
|----------------------|-----------------------|-----------------|----------------------------------|
| <b>RL</b>            | Reporting Limit       | <b>BMQL</b>     | Below Minimum Quantitation Level |
| <b>N.D.</b>          | none detected         | <b>MPN</b>      | Most Probable Number             |
| <b>TNTC</b>          | Too Numerous To Count | <b>CP Units</b> | cobalt-chloroplatinate units     |
| <b>IU</b>            | International Units   | <b>NTU</b>      | nephelometric turbidity units    |
| <b>umhos/cm</b>      | micromhos/cm          | <b>ng</b>       | nanogram(s)                      |
| <b>C</b>             | degrees Celsius       | <b>F</b>        | degrees Fahrenheit               |
| <b>meq</b>           | milliequivalents      | <b>lb.</b>      | pound(s)                         |
| <b>g</b>             | gram(s)               | <b>kg</b>       | kilogram(s)                      |
| <b>µg</b>            | microgram(s)          | <b>mg</b>       | milligram(s)                     |
| <b>mL</b>            | milliliter(s)         | <b>L</b>        | liter(s)                         |
| <b>m<sup>3</sup></b> | cubic meter(s)        | <b>µL</b>       | microliter(s)                    |
|                      |                       | <b>pg/L</b>     | 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**

**Inorganic Qualifiers**

|              |   |          |   |
|--------------|---|----------|---|
| <b>A</b>     | TIC is a possible aldol-condensation product                              | <b>B</b> | Value is $<$ CRDL, but $\geq$ IDL                       |
| <b>B</b>     | Analyte was also detected in the blank                                    | <b>E</b> | Estimated due to interference                           |
| <b>C</b>     | Pesticide result confirmed by GC/MS                                       | <b>M</b> | Duplicate injection precision not met                   |
| <b>D</b>     | Compound quantitated on a diluted sample                                  | <b>N</b> | Spike sample not within control limits                  |
| <b>E</b>     | Concentration exceeds the calibration range of the instrument             | <b>S</b> | Method of standard additions (MSA) used for calculation |
| <b>N</b>     | Presumptive evidence of a compound (TICs only)                            | <b>U</b> | Compound was not detected                               |
| <b>P</b>     | Concentration difference between primary and confirmation columns $>$ 25% | <b>W</b> | Post digestion spike out of control limits              |
| <b>U</b>     | Compound was not detected   | <b>*</b> | Duplicate analysis not within control limits            |
| <b>X,Y,Z</b> | Defined in case narrative   | <b>+</b> | 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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