



76 Broadway  
Sacramento, California 95818

**RECEIVED**

4:39 pm, Feb 02, 2011

Alameda County  
Environmental Health

January 31, 2011

Ms. Barbara Jakub  
Supervising Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

**Re: SEMI-ANNUAL SUMMARY REPORT  
THIRD QUARTER THROUGH FOURTH QUARTER 2010  
Service Station #0746  
3943 Broadway  
Oakland, Alameda County, CA**

Dear Ms. Jakub:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call:

Ted Moise (Contractor)  
ConocoPhillips  
Risk Management & Remediation  
76 Broadway  
Sacramento, CA 95818  
Phone: (510) 245-5162  
Fax: (918) 662-4480

Sincerely,

A handwritten signature in black ink, appearing to read "Eric G. Hetrick".

Eric G. Hetrick  
Site Manager  
Risk Management & Remediation



# ***SEMI-ANNUAL SUMMARY REPORT***

## ***Third Quarter through Fourth Quarter 2010***

*76 Station 0746  
3943 Broadway  
Oakland, CA*

*Antea Group Project No. C1Q0746010*

*January 31, 2011*

*Prepared for:*  
**ConocoPhillips**  
**76 Broadway**  
**Sacramento, CA 95818**

*Prepared by:*  
**Antea™Group**  
11050 White Rock Road  
Suite 110  
Rancho Cordova, CA  
95670

January 31, 2011

Ms. Barbara Jakub  
Supervising Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

**Re: SEMI-ANNUAL SUMMARY REPORT**  
**Third Quarter through Fourth Quarter 2010**  
76 Service Station No. 0746  
3943 Broadway  
Oakland, California  
RO# 0203

Dear Ms. Jakub,

Due to global rebranding, as of January 5, 2011 Delta Consultants has become Antea Group. Any reports submitted prior to this date will still be referenced as Delta reports.

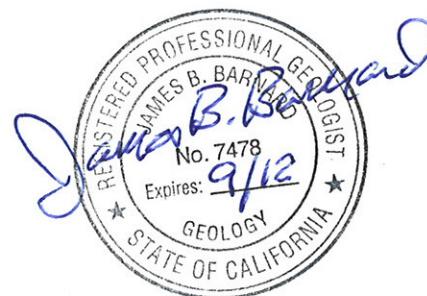
On behalf of ConocoPhillips Company (ConocoPhillips), Antea Group (Antea) is submitting this Semi Annual Summary Report for the subject site.

Sincerely,

ANTEA GROUP



James B. Barnard  
Project Manager  
California Registered Professional Geologist No. 7478



Enclosure

cc: Mr. Ted Moise – ConocoPhillips (electronic copy only)

**SEMI-ANNUAL SUMMARY REPORT  
THIRD QUARTER THROUGH FOURTH QUARTER 2010  
76 Service Station No. 0746  
3943 Broadway  
Oakland, Alameda County, California**

## **INTRODUCTION**

On December 15, 2009, TRC conducted a semi-annual groundwater monitoring and sampling event on behalf of ConocoPhillips. This semi-annual monitoring and sampling is performed as part of site assessment and characterization activities.

## **SITE DESCRIPTION**

The site is currently an active service station located on the western corner of Broadway and 40<sup>th</sup> Street in Oakland, California (Figure 1.) Station facilities include two 12,000-gallon double-wall glasteel gasoline underground storage tanks (USTs) in a common pit, one 520-gallon double-wall glasteel waste oil UST, two dispenser islands, one station building, and a car wash building.

## **SITE BACKGROUND AND ACTIVITY**

August 1989 Two 10,000-gallon steel gasoline USTs and one 280-gallon steel waste oil UST were removed and replaced with the current USTs. A total of approximately 350 cubic yards of soil was removed from the site during UST removal activities. The confirmatory soil sample was reported as non-detect for all constituents. The product piping was also removed. Confirmation soil sampling beneath piping and the waste oil tank contained low levels of petroleum hydrocarbons. During the tank removal activities, approximately 6,500 gallons of groundwater were pumped from the UST cavity. Concentrations of total petroleum hydrocarbons as gasoline (TPHg) and benzene were reported as 1,200 micrograms per liter ( $\mu\text{g/l}$ ) and 12  $\mu\text{g/l}$ , respectively.

October 1989 Three monitoring wells (MW-1, MW-2, and MW-3) were installed at the site to depths ranging from 20 to 22.5 feet below ground surface (bgs).

January 1990 Two additional monitoring wells (MW-4 and MW-5) were installed at the site to a depth of 20 feet bgs.

January 1992 Two offsite monitoring wells (MW-10 and MW-11) were installed in the vicinity of the site at depths ranging from 19 to 22 feet bgs.

June 1992 One recovery well (RW-1) and one additional offsite monitoring well (MW-12) were installed at the site to depths of 17.5 feet bgs.

February 1998 The product piping and associated dispenser islands were replaced at the site. Four soil samples were collected from beneath the dispenser islands. Petroleum hydrocarbons were reported at low to moderate levels. A total of 30.20 tons of stockpiled soil was transported from the site to the Forward Inc. Landfill in Stockton, California.

October 2003 Site environmental consulting responsibilities were transferred to TRC.

March 2007 TRC submitted a Feasibility Study Work Plan to conduct a 120-hour (5-day) DPE event using a mobile treatment system (MTS).

October 2007 Site environmental consulting responsibilities were transferred to Delta Consultants.

June 2008 Delta submitted Work Plan for Source Area Vertical Delineation.

August 2009 Delta oversaw the advancement of two cone penetrometer test (CPT) borings, B-1 and B-2 to a depth of 35 feet bgs for the purpose of vertical delineation of hydrocarbons and constituents. TPHg, benzene and MTBE were reported in B-2 at maximum concentrations of 790 mg/kg (13 feet bgs), 1.9 mg/kg (10 feet bgs) and 0.0085 mg/kg (6 feet bgs), respectively. Details of the investigation are presented in Delta's *Soil and Groundwater Investigation Report*, dated October 12, 2009.

#### **SENSITIVE RECEPTORS**

On February 8, 2007, TRC completed a sensitive receptor survey for this site. The only surface water body within the vicinity of the site, Glen Echo Creek, is located approximately 1,630 feet southeast of the Site and is not within the path of local groundwater flow.

Three water supply wells found to be within a one-half mile radius of the site were not within the path of local groundwater flow.

#### **GROUNDWATER MONITORING AND SAMPLING**

The groundwater monitoring well network, consisting of eight onsite and five offsite monitoring wells, has been monitored and sampled on a semi-annual basis since May 1996. During the most recent groundwater sampling event conducted by TRC on December 29, 2010, reported depth to groundwater ranged from 5.93 feet below top of casing (TOC) in MW-6 to 15.40 feet below TOC in MW-11. Of the thirteen wells associated with the site, thirteen wells were gauged and twelve wells were sampled during the recent monitoring event. Well MW-5 was not sampled due to the presence of liquid-phase hydrocarbons (LPH) in the well.

The groundwater gradient and flow direction was interpreted to be 0.03 feet per foot (ft/ft) to the west. This is somewhat consistent with a gradient and flow direction of 0.05 ft/ft to the west during the previous sampling event (6/28/10). Historical groundwater flow direction has been predominantly to the southwest.

#### **Constituents of Concern:**

**TPHg:** TPHg was above laboratory indicated reporting limits in groundwater samples collected from seven of the twelve wells sampled with a maximum concentration of 5,300 µg/L in well MW-4 during the current sampling event. This is a decrease from a maximum concentration of 10,000 µg/L in MW-3 during the previous sampling event (6/28/10). Wells MW-1, MW-2, MW-3, MW-7, MW-9, and RW-1 were reported with concentrations of 99 µg/L, 67 µg/L, 3,900 µg/L, 56 µg/L, 53 µg/L, and 4,100 µg/L, respectively, during the current sampling event.

**Benzene:** Benzene was above laboratory indicated reporting limits in groundwater samples collected from three of the twelve wells sampled with a maximum concentration of 16 µg/L in MW-3 during the current sampling event. This is a decrease from a maximum concentration of 20 µg/L in well RW-1 during the previous sampling event. Wells MW-4 and RW-1 were reported with concentrations of 0.72 µg/L and 9.3 µg/L during the current sampling event.

**Toluene:** Toluene was above laboratory indicated reporting limits in groundwater samples collected from two of the twelve wells sampled with a concentration of 1.3 µg/L in RW-1 during the current sampling event. This is an increase from a maximum concentration of 1.0 µg/L in RW-1 during the previous sampling event. Well MW-4 was reported with a concentration of 0.55 µg/L during the current sampling event.

**Ethylbenzene:** Ethylbenzene was above laboratory indicated reporting limits in groundwater samples collected from three of the twelve wells sampled with a maximum concentration of 36 µg/L in MW-3 during the current sampling event. This is a decrease from a maximum concentration of 92 µg/L in MW-3 during the previous sampling event. Wells MW-4 and RW-1 were reported with concentrations of 35 µg/L and 6.8 µg/L, respectively, during the current sampling event.

**Total Xylenes:** Total Xylenes were above laboratory indicated reporting limits in groundwater samples collected from one of the twelve wells sampled with a concentration of 14 µg/L in MW-3. This is an increase from a maximum concentration of 12 µg/L in MW-3 during the previous sampling event.

**MTBE:** MTBE was above laboratory indicated reporting limits in groundwater samples collected from eight of the twelve wells sampled with a maximum concentration of 28 µg/L in MW-3 during the current sampling event. This is an increase from a maximum concentration of 17 µg/L in MW-3 during the previous sampling event. Wells MW-1, MW-2, MW-4, MW-7, MW-8, MW-12, and RW-1 were reported with concentrations of 1.6 µg/L, 2.1 µg/L, 0.78 µg/L, 6.0 µg/L, 2.7 µg/L, 0.95 µg/L, and 1.6 µg/L, respectively, during the current sampling event.

There was measurable LPH (1.49 feet) in MW-5 and therefore, this well was not sampled during the most recent sampling event.

A copy of TRC's *Groundwater Monitoring Report – October through December 2010* has been attached.

#### **REMEDIATION STATUS**

In 1989, approximately 350 cubic yards of soil was removed from the site during UST removal activities. During the tank removal activities, approximately 6,500-gallons of groundwater were pumped from the UST cavity.

In 1990, groundwater recovery tests were performed on four wells to determine potential locations for placement of recovery wells.

In 1993, a pilot vapor extraction test was performed at the site on well RW-1. A maximum concentration of 8.6 µg/l TPHg was reported in the influent vapor stream. The calculated maximum hydrocarbon extraction rate during the test was 0.00049 lbs/hr.

Based on the low extraction rate, high groundwater levels, and fine-grained soil beneath the site, vapor extraction was determined to not be a feasible remedial option. Well RW-1 was initially installed to perform a groundwater recovery test, but due to lack of groundwater recharge, the test was not performed.

In 1998, the product piping and associated dispenser islands were replaced at the site. Denbeste Transportation, Inc. of Windsor, California transported a total of 30.20 tons of stockpiled soil from the site to the Forward Inc. Landfill in Stockton, California for the disposal.

On April 5-8, 2005, TRC conducted a 69-hour dual-phase extraction (DPE) event at the site using a mobile treatment system (MTS). This event was successful in removing a substantial amount of vapor-phase petroleum hydrocarbons from the subsurface in a relatively short time period. Influent vapor concentrations decreased over the course of the event and appeared to reach asymptotic levels. The influent concentrations and mass removal rates indicate that further short-term DPE treatment may be an effective means of reducing source material in the vicinity of RW-1, MW-3, and MW-5.

## **CONCLUSIONS AND RECOMMENDATIONS**

Maximum historic TPHg, benzene, and MTBE soil concentrations were reported at 9,700 ppm, 190 ppm, and 39 ppm, respectively.

During the August 2009 CPT investigation to determine the vertical assessment of hydrocarbons in soil and groundwater showed that in the deepest groundwater sample collected from boring B-2, TPHg and benzene were detected at respective concentrations of 370 µg/L and 11 µg/L. Although both of these concentrations are above their respective ESLs for potential drinking water, these concentrations are relatively low, at levels expected to degrade over time.

During the December 2010 sampling event, maximum TPHg, benzene and MTBE were detected at 5,300 µg/L (MW-3), 16 µg/L (RW-1), and 28 µg/L (MW-3) respectively.

Separate phase hydrocarbons remain present in well MW-5. To address concentrations in the vicinity of this well, periodic remedial events may be effective. **Antea recommends conducting the activities as proposed in TRC's March 2007 Feasibility Study Work Plan and requests agency approval to proceed.** This work plan proposes a 120 hour (5 day) DPE event using a mobile treatment system based on the successful 68-hour pilot test during April 2005. Data from this event will be used to obtain information regarding radius of influence, and remedial effectiveness. **Antea also recommends performing a Risk Assessment for the Potential of Vapor Intrusion around the adjacent restaurant, and develop a Site Conceptual Model for this site. Antea will also develop a solution to the separate phase hydrocarbons in onsite well MW-5 located adjacent to the restaurant. Antea proposes to perform a Sensitive Receptor Survey to determine if surrounding properties have any water wells and/or basements.**

## **RECENT CORRESPONDENCE**

No correspondence was received during third and fourth quarters 2010.

## **THIRD QUARTER THROUGH FOURTH QUARTER 2010 ACTIVITIES**

- TRC preformed semi-annual monitoring and sampling activities, and prepared their findings in *Groundwater Monitoring Report – October through December 2010*, dated January 17, 2010.
- Antea prepared *Semi-Annual Summary Report – First Quarter through Second Quarter 2010*.

## **FIRST QUARTER THROUGH SECOND QUARTER 2011 PLANNED ACTIVITIES**

- TRC will perform a semi-annual groundwater monitoring and sampling event and prepare a semi-annual groundwater monitoring report.
- Upon agency approval, Antea will obtain encroachment permits, coordinate pre-field activities, and conduct activities as proposed in TRC's Feasibility Study Work Plan, dated March 8, 2007.
- Antea will prepare a semi-annual summary report.

## **REMARKS**

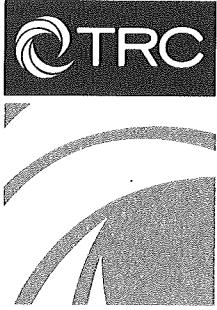
The descriptions, conclusions, and recommendations contained in this report represent Antea's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea, the data from those reports is used "as is" and is assumed to be accurate. Antea does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the

client. The Contract between Antea and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Antea's Client and anyone else specifically listed on this report. Antea will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea makes no express or implied warranty as to the contents of this report.

**CONSULTANT:** Antea Group

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Attachment: Groundwater Monitoring Report – October through December 2010



123 Technology Drive West  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

[www.TRCsolutions.com](http://www.TRCsolutions.com)

DATE: January 17, 2011

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 0746  
3943 BROADWAY  
OAKLAND, CALIFORNIA

RE: GROUNDWATER MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2010

Dear Mr. Moise,

Please find enclosed our Groundwater Monitoring Report for 76 Station 0746, located at 3943 Broadway Street, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan  
Groundwater Program Operations Manager

CC: Mr. James Barnard, Delta Consultants (2 copies)

Enclosures

20-0400/0746R19.QMS

**GROUNDWATER MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2010**

76 STATION 0746  
3943 Broadway  
Oakland, California

Prepared For:

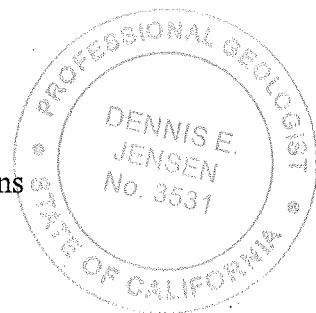
Mr. Ted Moise  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:

*Dennis E. Jensen*

Senior Project Geologist, Irvine Operations

Date: 1/14/11



<b>LIST OF ATTACHMENTS</b>	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 3: Liquid Phase Hydrocarbon Recovery Data
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time TPH-G Concentrations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheets – 12/29/10 Groundwater Sampling Field Notes – 12/29/10 Manual Pump/Bailout Sheet – 12/29/10 LPH Recovery Data – 7/21/10, 8/18/10, 9/29/10, 10/18/10, 11/30/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**October through December 2010**  
**76 Station 0746**  
**3943 Broadway**  
**Oakland, CA**

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Project Coordinator: **Ted Moise** Water Sampling Contractor: **TRC**  
Telephone: **510-245-5162** Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **12/29/2010**

**Sample Points**

Groundwater wells: **8** onsite, **5** offsite Points gauged: **13** Points sampled: **12**  
Purging method: **Diaphragm/submersible/bailer**  
Purge water disposal: **Crosby and Overton treatment facility**  
Other Sample Points: **0** Type: **--**

**Liquid Phase Hydrocarbons (LPH)**

Sample Points with LPH: **1** Maximum thickness (feet): **1.49 (MW-5)**  
LPH removal frequency: **Monthly** Method: **Bailer**  
Treatment or disposal of water/LPH: **Crosby and Overton treatment facility**

**Hydrogeologic Parameters**

Depth to groundwater (below TOC): Minimum: **5.93 feet** Maximum: **15.4 feet**  
Average groundwater elevation (relative to available local datum): **71.87 feet**  
Average change in groundwater elevation since previous event: **1.43 feet**  
Interpreted groundwater gradient and flow direction:  
Current event: **0.03 ft/ft, west**  
Previous event: **0.05 ft/ft, west (6/28/2010)**

**Selected Laboratory Results**

Sample Points with detected **Benzene**: **3** Sample Points above MCL (1.0 µg/l): **2**  
Maximum reported benzene concentration: **16 µg/l (MW-3)**  
Sample Points with **TPH-G by GC/MS** **7** Maximum: **5,300 µg/l (MW-4)**  
Sample Points with **MTBE 8260B** **8** Maximum: **28 µg/l (MW-3)**

**Notes:**

MW-5=LPH in well

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	= not analyzed, measured, or collected
LPH	= liquid-phase hydrocarbons
$\mu\text{g/l}$	= micrograms per liter (approx. equivalent to parts per billion, ppb)
$\text{mg/l}$	= milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	= not detected at or above laboratory detection limit
TOC	= top of casing (surveyed reference elevation)
D	= duplicate
P	= no-purge sample

### ANALYTES

DIPE	= di-isopropyl ether
ETBE	= ethyl tertiary butyl ether
MTBE	= methyl tertiary butyl ether
PCB	= polychlorinated biphenyls
PCE	= tetrachloroethene
TBA	= tertiary butyl alcohol
TCA	= trichloroethane
TCE	= trichloroethylene
TPH-G	= total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	= total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	= total petroleum hydrocarbons with diesel distinction
TRPH	= total recoverable petroleum hydrocarbons
TAME	= tertiary amyl methyl ether
1,2-DCA	= 1,2-dichloroethane (same as EDC, ethylene dichloride)

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A “J” flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Prior to the 1st quarter 2010, the word “monitor” was used in table comments interchangeably with the word “gauge”. Starting in the 1<sup>st</sup> quarter 2010, the word “monitor” is used to include both “gauge” and “sample”.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 0746 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

## Contents of Tables 1 and 2

### Site: 76 Station 0746

#### Current Event

<b>Table 1</b>	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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<b>Table 1a</b>	Well/ Date	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME					
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#### Historic Data

<b>Table 2</b>	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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<b>Table 2a</b>	Well/ Date	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen		
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**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 29, 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-1</b>														
12/29/2010	80.54	6.22	0.00	74.32	1.58	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
<b>MW-2</b>														
12/29/2010	81.32	7.91	0.00	73.41	1.74	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
<b>MW-3</b>														
12/29/2010	81.41	7.84	0.00	73.57	1.98	--	3900	16	ND<0.50	36	5.2	--	28	
<b>MW-4</b>														
12/29/2010	--	9.33	0.00	--	--	--	5300	0.72	0.55	35	ND<1.0	--	0.78	
<b>MW-5</b>														
12/29/2010	81.38	8.69	1.49	73.81	1.87	--	--	--	--	--	--	--	--	
<b>MW-6</b>														
12/29/2010	79.94	5.93	0.00	74.01	1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-7</b>														
12/29/2010	--	7.18	0.00	--	--	--	56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.0
<b>MW-8</b>														
12/29/2010	81.41	8.57	0.00	72.84	2.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
<b>MW-9</b>														
12/29/2010	80.53	7.72	0.00	72.81	2.73	--	53	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
<b>MW-10</b>														
12/29/2010	81.61	13.23	0.00	68.38	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-11</b>														
12/29/2010	78.18	15.40	0.00	62.78	-0.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-12</b>														
12/29/2010	79.61	9.51	0.00	70.10	-0.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.95	

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 29, 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>RW-1</b>														
12/29/2010	80.63	6.04	0.00	74.59	2.64	--	4100	9.3	1.3	6.8	ND<1.0	--	1.6	

**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )
<b>MW-1</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-2</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-3</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-4</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-6</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-7</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-8</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-9</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-10</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-11</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-12</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>RW-1</b> 12/29/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G			Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
						8015 (µg/l)	(GC/MS) (µg/l)	Benzene (µg/l)					
<b>MW-1</b>													
11/1/1989	--	--	--	--	--	ND	--	ND	ND	0.3	--	--	
2/15/1990	--	--	--	--	--	170	--	7.9	ND	2.2	2.8	--	
8/16/1990	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
11/7/1990	--	--	--	--	--	45	--	ND	ND	ND	ND	--	
2/25/1991	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	0.75	ND	ND	--	--	
12/21/1992	81.07	8.12	0.00	72.95	--	--	--	--	--	--	--	--	
1/30/1993	81.07	7.63	0.00	73.44	0.49	--	--	--	--	--	--	--	
2/24/1993	81.07	7.16	0.00	73.91	0.47	1100	--	280	4.9	120	140	--	
3/22/1993	81.07	6.26	0.00	74.81	0.90	--	--	--	--	--	--	--	
4/28/1993	81.07	7.91	0.00	73.16	-1.65	--	--	--	--	--	--	--	
5/25/1993	81.07	7.87	0.00	73.20	0.04	260	--	27	4.9	2.6	54	--	
6/23/1993	80.54	7.66	0.00	72.88	-0.32	--	--	--	--	--	--	--	
7/22/1993	80.54	7.87	0.00	72.67	-0.21	--	--	--	--	--	--	--	
8/25/1993	80.54	8.00	0.00	72.54	-0.13	ND	--	ND	ND	ND	--	--	
9/22/1993	80.54	8.10	0.00	72.44	-0.10	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-1 continued</b>														
10/28/1993	80.54	8.15	0.00	72.39	-0.05	--	--	--	--	--	--	--	--	
11/30/1993	80.54	7.65	0.00	72.89	0.50	--	--	--	--	--	--	--	--	
2/16/1994	80.54	7.46	0.00	73.08	0.19	ND	--	0.84	ND	ND	0.59	--	--	
5/31/1994	80.54	7.80	0.00	72.74	-0.34	--	--	--	--	--	--	--	--	
8/31/1994	80.54	8.27	0.00	72.27	-0.47	ND	--	ND	0.98	ND	0.84	--	--	
9/27/1994	80.54	8.37	0.00	72.17	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	80.54	8.36	0.00	72.18	0.01	--	--	--	--	--	--	--	--	
11/10/1994	80.54	6.43	0.00	74.11	1.93	--	--	--	--	--	--	--	--	
2/7/1995	80.54	7.06	0.00	73.48	-0.63	6100	--	670	ND	120	60	--	--	
5/3/1995	80.54	6.85	0.00	73.69	0.21	260	--	21	39	17	24	--	--	
8/3/1995	80.54	7.69	0.00	72.85	-0.84	--	--	--	--	--	--	--	--	
11/7/1995	80.54	8.15	0.00	72.39	-0.46	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	80.54	7.40	0.00	73.14	0.75	170	--	1.0	20	2.3	17	55	--	
11/5/1996	80.54	7.90	0.00	72.64	-0.50	ND	--	ND	ND	ND	ND	5.2	--	
5/15/1997	80.54	7.77	0.00	72.77	0.13	ND	--	ND	ND	ND	ND	16	--	
11/12/1997	80.54	7.48	0.00	73.06	0.29	ND	--	ND	ND	ND	ND	11	--	
5/4/1998	80.54	7.39	0.00	73.15	0.09	ND	--	ND	ND	ND	ND	320	--	
11/11/1998	80.54	7.37	0.00	73.17	0.02	ND	--	ND	ND	ND	ND	200	--	
5/20/1999	80.54	7.41	0.00	73.13	-0.04	ND	--	ND	ND	ND	ND	89	47	
11/15/1999	80.54	7.84	0.00	72.70	-0.43	ND	--	ND	ND	ND	ND	8.12	7.19	
5/22/2000	80.54	7.53	0.00	73.01	0.31	ND	--	0.89	ND	ND	ND	220	290	
11/22/2000	80.54	7.35	0.00	73.19	0.18	ND	--	ND	ND	ND	ND	105	142	
5/15/2001	80.54	7.48	0.00	73.06	-0.13	345	--	ND	3.41	2.77	25.2	178	374	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-1 continued</b>														
11/23/2001	80.54	7.57	0.00	72.97	-0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	350	350	
5/24/2002	80.54	7.10	0.00	73.44	0.47	70	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	240	
11/29/2002	80.54	7.96	0.00	72.58	-0.86	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	330	
5/15/2003	80.54	7.22	0.00	73.32	0.74	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
11/4/2003	80.54	7.94	0.00	72.60	-0.72	--	120	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	140	
5/24/2004	80.54	7.54	0.00	73.00	0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	26	
11/29/2004	80.54	7.27	0.00	73.27	0.27	--	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
6/24/2005	80.54	7.06	0.00	73.48	0.21	--	87	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/15/2005	80.54	7.35	0.00	73.19	-0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	32	
6/14/2006	80.54	7.06	0.00	73.48	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
12/21/2006	80.54	7.12	0.00	73.42	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	16	
6/28/2007	80.54	7.79	0.00	72.75	-0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.6	
12/13/2007	80.54	7.94	0.00	72.60	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
6/9/2008	80.54	8.00	0.00	72.54	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
12/30/2008	80.54	7.51	0.00	73.03	0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
9/28/2009	80.54	8.10	0.00	72.44	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.98	
12/15/2009	80.54	7.32	0.00	73.22	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	80.54	7.80	0.00	72.74	-0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.1	
12/29/2010	80.54	6.22	0.00	74.32	1.58	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
<b>MW-2</b>														
11/1/1989	--	--	--	--	--	200	--	ND	ND	3.0	1.2	--	--	
2/15/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/16/1990	--	--	--	--	--	ND	--	ND	6.7	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-2 continued</b>														
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	ND	--	0.68	0.42	ND	0.86	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	0.36	0.66	ND	0.62	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	510	--	ND	ND	ND	ND	--	--	
12/21/1992	81.62	9.14	0.00	72.48	--	--	--	--	--	--	--	--	--	
1/30/1993	81.62	8.99	0.00	72.63	0.15	--	--	--	--	--	--	--	--	
2/24/1993	81.62	8.03	0.00	73.59	0.96	11000J	--	ND	ND	ND	ND	--	--	
3/22/1993	81.62	9.50	0.00	72.12	-1.47	--	--	--	--	--	--	--	--	
4/28/1993	81.62	8.87	0.00	72.75	0.63	--	--	--	--	--	--	--	--	
5/25/1993	81.62	9.04	0.00	72.58	-0.17	1300J	--	ND	ND	ND	ND	2700	--	
6/23/1993	81.32	9.17	0.00	72.15	-0.43	--	--	--	--	--	--	--	--	
7/22/1993	81.32	9.42	0.00	71.90	-0.25	--	--	--	--	--	--	--	--	
8/25/1993	81.32	9.53	0.00	71.79	-0.11	190J	--	ND	ND	ND	ND	--	--	
9/22/1993	81.32	9.67	0.00	71.65	-0.14	--	--	--	--	--	--	--	--	
10/28/1993	81.32	9.65	0.00	71.67	0.02	--	--	--	--	--	--	--	--	
11/30/1993	81.32	9.18	0.00	72.14	0.47	480J	--	ND	ND	ND	ND	--	--	
2/16/1994	81.32	8.91	0.00	72.41	0.27	3200J	--	ND	ND	ND	ND	--	--	
5/31/1994	81.32	9.36	0.00	71.96	-0.45	1100J	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-2 continued</b>														
8/31/1994	81.32	9.85	0.00	71.47	-0.49	310J	--	ND	ND	ND	ND	--	--	
9/27/1994	81.32	9.95	0.00	71.37	-0.10	--	--	--	--	--	--	--	--	
11/10/1994	81.32	7.47	0.00	73.85	2.48	95J	--	ND	ND	ND	ND	--	--	
2/7/1995	81.32	8.29	0.00	73.03	-0.82	1600J	--	ND	ND	ND	ND	--	--	
5/3/1995	81.32	8.12	0.00	73.20	0.17	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	81.32	9.35	0.00	71.97	-1.23	ND	--	ND	ND	ND	ND	--	--	
8/19/1995	81.32	--	0.00	--	--	--	--	--	--	--	--	--	--	
10/11/1995	81.32	9.95	0.00	71.37	--	--	--	--	--	--	--	--	--	
11/7/1995	81.32	9.65	0.00	71.67	0.30	ND	--	ND	ND	ND	ND	160	--	
5/6/1996	81.32	8.90	0.00	72.42	0.75	--	--	--	--	--	--	--	--	
11/5/1996	81.32	10.98	0.00	70.34	-2.08	--	--	--	--	--	--	--	--	
5/15/1997	81.32	9.13	0.00	72.19	1.85	--	--	--	--	--	--	--	--	
11/12/1997	81.32	9.84	0.00	71.48	-0.71	--	--	--	--	--	--	--	--	
5/4/1998	81.32	9.26	0.00	72.06	0.58	--	--	--	--	--	--	--	--	
11/11/1998	81.32	8.88	0.00	72.44	0.38	--	--	--	--	--	--	--	--	
5/20/1999	81.32	8.68	0.00	72.64	0.20	--	--	--	--	--	--	--	--	
11/15/1999	81.32	8.91	0.00	72.41	-0.23	--	--	--	--	--	--	--	--	
5/22/2000	81.32	8.61	0.00	72.71	0.30	--	--	--	--	--	--	--	--	
11/22/2000	81.32	8.64	0.00	72.68	-0.03	--	--	--	--	--	--	--	--	
5/15/2001	81.32	8.73	0.00	72.59	-0.09	--	--	--	--	--	--	--	--	
11/23/2001	81.32	8.61	0.00	72.71	0.12	--	--	--	--	--	--	--	--	
5/24/2002	81.32	8.03	0.00	73.29	0.58	--	--	--	--	--	--	--	--	
11/29/2002	81.32	8.79	0.00	72.53	-0.76	--	--	--	--	--	--	--	--	

**Table 2**  
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**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-2 continued</b>														
5/15/2003	81.32	8.21	0.00	73.11	0.58	--	--	--	--	--	--	--	--	
11/4/2003	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
5/24/2004	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
11/29/2004	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
6/24/2005	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
12/15/2005	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
6/14/2006	81.32	8.56	0.00	72.76	--	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
12/21/2006	81.32	8.38	0.00	72.94	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	32	
6/28/2007	81.32	9.23	0.00	72.09	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.3	
12/13/2007	81.32	9.10	0.00	72.22	0.13	--	ND<50	ND<0.50	1.1	ND<0.50	1.4	--	10	
6/9/2008	81.32	10.01	0.00	71.31	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
12/30/2008	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to locate due to debris	
9/28/2009	81.32	--	--	--	--	--	--	--	--	--	--	--	Unable to open due to stripped bolts	
12/15/2009	81.32	8.93	0.00	72.39	--	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.9	
6/28/2010	81.32	9.65	0.00	71.67	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
12/29/2010	81.32	7.91	0.00	73.41	1.74	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
<b>MW-3</b>														
11/1/1989	--	--	--	--	--	13000	--	57	48	1.7	120	--	--	
2/15/1990	--	--	--	--	--	20000	--	1700	2100	750	3100	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-3 continued</b>														
8/16/1990	--	--	--	--	--	6800	--	600	660	760	160	--	--	
11/7/1990	--	--	--	--	--	42000	--	1400	5000	1800	7500	--	--	
2/25/1991	--	--	--	--	--	37000	--	730	2900	1300	7300	--	--	
5/28/1991	--	--	--	--	--	24000	--	570	1100	810	4200	--	--	
8/28/1991	--	--	--	--	--	16000	--	650	2200	1100	5400	--	--	
11/19/1991	--	--	--	--	--	22000	--	250	440	660	3000	--	--	
2/6/1992	--	--	--	--	--	24000	--	600	1800	1200	5800	--	--	
5/23/1992	--	--	--	--	--	25000	--	300	130	880	4900	--	--	
8/26/1992	--	--	--	--	--	20000	--	690	1900	1300	5700	--	--	
11/20/1992	--	--	--	--	--	1100000	--	1800	6400	3000	15000	--	--	
12/4/1992	82.01	10.30	0.00	71.71	--	--	--	--	--	--	--	--	--	
12/21/1992	82.01	9.78	0.00	72.23	0.52	--	--	--	--	--	--	--	--	Trace
1/9/1993	82.01	8.55	0.00	73.46	1.23	--	--	--	--	--	--	--	--	
1/30/1993	82.01	8.90	0.00	73.11	-0.35	--	--	--	--	--	--	--	--	
2/10/1993	82.01	9.01	0.01	73.01	-0.10	--	--	--	--	--	--	--	--	LPH in well
2/24/1993	82.01	8.26	0.01	73.76	0.75	--	--	--	--	--	--	--	--	LPH in well
3/9/1993	82.01	9.18	0.02	72.85	-0.91	--	--	--	--	--	--	--	--	LPH in well
3/22/1993	82.01	8.81	0.02	73.22	0.37	--	--	--	--	--	--	--	--	LPH in well
4/8/1993	82.01	9.14	0.02	72.89	-0.33	--	--	--	--	--	--	--	--	LPH in well
4/28/1993	82.01	9.44	0.03	72.59	-0.29	--	--	--	--	--	--	--	--	LPH in well
5/12/1993	82.01	9.57	0.03	72.46	-0.13	--	--	--	--	--	--	--	--	LPH in well
5/25/1993	82.01	9.45	0.03	72.58	0.12	--	--	--	--	--	--	--	--	LPH in well
6/7/1993	81.41	8.94	0.00	72.47	-0.11	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-3 continued</b>														
6/23/1993	81.41	9.20	0.02	72.23	-0.24	--	--	--	--	--	--	--	--	LPH in well
7/8/1993	81.41	9.31	0.03	72.12	-0.10	--	--	--	--	--	--	--	--	LPH in well
7/22/1993	81.41	9.47	0.00	71.94	-0.18	--	--	--	--	--	--	--	--	
8/11/1993	81.41	9.59	0.00	71.82	-0.12	--	--	--	--	--	--	--	--	
8/25/1993	81.41	9.67	0.03	71.76	-0.06	--	--	--	--	--	--	--	--	LPH in well
9/8/1993	81.41	10.34	0.00	71.07	-0.69	--	--	--	--	--	--	--	--	
9/22/1993	81.41	9.84	0.02	71.59	0.51	--	--	--	--	--	--	--	--	LPH in well
10/7/1993	81.41	9.87	0.00	71.54	-0.05	--	--	--	--	--	--	--	--	
10/28/1993	81.41	10.03	0.00	71.38	-0.16	--	--	--	--	--	--	--	--	
11/12/1993	81.41	9.76	0.00	71.65	0.27	--	--	--	--	--	--	--	--	
11/30/1993	81.41	9.66	0.02	71.76	0.11	--	--	--	--	--	--	--	--	LPH in well
2/16/1994	81.41	8.87	0.00	72.54	0.78	57000	--	910	2500	2100	9000	--	--	Sheen
5/31/1994	81.41	9.48	0.00	71.93	-0.61	39000	--	670	630	1500	6200	--	--	
8/31/1994	81.41	10.08	0.00	71.33	-0.60	44000	--	500	240	1400	5700	--	--	
9/24/1994	81.41	10.22	0.00	71.19	-0.14	--	--	--	--	--	--	--	--	
10/11/1994	81.41	10.41	0.01	71.01	-0.18	--	--	--	--	--	--	--	--	LPH in well
11/10/1994	81.41	7.47	0.00	73.94	2.93	86000	--	3300	3800	1800	8300	--	--	Sheen
2/7/1995	81.41	8.05	0.00	73.36	-0.58	45000	--	1400	1300	1500	5600	--	--	
3/14/1995	81.41	7.05	0.00	74.36	1.00	--	--	--	--	--	--	--	--	
5/3/1995	81.41	7.91	0.00	73.50	-0.86	26000	--	740	990	1100	4400	--	--	
8/3/1995	81.41	9.28	0.00	72.13	-1.37	18000	--	59	ND	530	1900	--	--	
8/19/1995	81.41	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.41	10.79	0.00	70.62	--	17000	--	110	26	400	1500	880	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-3 continued</b>														
5/6/1996	81.41	9.44	0.00	71.97	1.35	5100	--	48	ND	87	210	370	--	Sheen
11/5/1996	81.41	10.64	0.00	70.77	-1.20	35000	--	2200	ND	1200	2800	460	--	
5/15/1997	81.41	9.61	0.00	71.80	1.03	2400	--	110	ND	ND	140	100	--	
11/12/1997	81.41	9.18	0.00	72.23	0.43	29000	--	2000	ND	1800	3000	ND	--	
5/4/1998	81.41	9.50	0.00	71.91	-0.32	8200	--	430	ND	310	320	ND	--	
11/11/1998	81.41	9.25	0.00	72.16	0.25	8700	--	500	ND	330	310	ND	--	
5/20/1999	81.41	8.95	0.00	72.46	0.30	4300	--	250	ND	ND	86	ND	--	
11/15/1999	81.41	10.35	0.00	71.06	-1.40	6720	--	326	ND	398	226	120	45.1	
5/22/2000	81.41	9.14	0.00	72.27	1.21	4000	--	99	4.5	190	75	100	94	
11/22/2000	81.41	9.33	0.00	72.08	-0.19	6130	--	93.7	6.71	174	47.8	212	131	
5/15/2001	81.41	9.25	0.00	72.16	0.08	4490	--	229	7.09	160	31.6	97.1	75.5	
11/23/2001	81.41	9.12	0.00	72.29	0.13	3500	--	41	ND<5.0	120	8.0	320	390	
5/24/2002	81.41	8.58	0.00	72.83	0.54	4000	--	86	6.0	120	5.8	120	73	
11/29/2002	81.41	9.81	0.00	71.60	-1.23	5300	--	ND<25	ND<25	65	ND<50	--	340	
5/15/2003	81.41	8.76	0.00	72.65	1.05	5600	--	ND<5.0	ND<5.0	81	ND<10	--	440	
11/4/2003	81.41	9.90	0.00	71.51	-1.14	--	13000	ND<20	ND<20	72	56	--	530	
5/24/2004	81.41	9.29	0.00	72.12	0.61	--	10000	14	ND<10	81	ND<20	--	1200	
11/29/2004	81.41	9.15	0.00	72.26	0.14	--	9000	5.9	ND<5.0	45	ND<10	--	550	
6/24/2005	81.41	8.65	0.00	72.76	0.50	--	5600	31	4.1	97	220	--	400	
12/15/2005	81.41	9.27	0.00	72.14	-0.62	--	6800	81	45	110	220	--	280	
6/14/2006	81.41	8.73	0.00	72.68	0.54	--	10000	38	ND<2.5	130	170	--	160	
12/21/2006	81.41	8.95	0.00	72.46	-0.22	--	6600	36	ND<2.5	150	120	--	96	
6/28/2007	81.41	10.01	0.00	71.40	-1.06	--	6700	33	ND<0.50	70	24	--	75	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-3 continued</b>														
12/13/2007	81.41	10.22	0.00	71.19	-0.21	--	4000	20	ND<1.0	51	19	--	27	
6/9/2008	81.41	10.25	0.00	71.16	-0.03	--	9700	190	ND<2.5	170	48	--	19	
12/30/2008	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
9/28/2009	81.41	10.15	0.00	71.26	--	--	6200	39	ND<2.5	170	12	--	18	
12/15/2009	81.41	9.18	0.00	72.23	0.97	--	3300	9.1	ND<2.5	47	5.6	--	13	
6/28/2010	81.41	9.82	0.00	71.59	-0.64	--	10000	13	ND<0.50	92	14	--	17	
12/29/2010	81.41	7.84	0.00	73.57	1.98	--	3900	16	ND<0.50	36	5.2	--	28	
<b>MW-4</b>														
2/15/1990	--	--	--	--	--	150	--	8.0	8.0	10	45	--	--	
8/16/1990	--	--	--	--	--	3600	--	480	17	230	260	--	--	
11/7/1990	--	--	--	--	--	180	--	1.5	0.37	6.3	26	--	--	
2/25/1991	--	--	--	--	--	22000	--	600	1300	780	2800	--	--	
5/28/1991	--	--	--	--	--	38	--	ND	ND	ND	1.9	--	--	
8/28/1991	--	--	--	--	--	2000	--	1500	20	120	300	--	--	
11/19/1991	--	--	--	--	--	55	--	9.2	4.5	1.4	6.7	--	--	
2/6/1992	--	--	--	--	--	5700	--	2200	140	57	980	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	120	--	86	0.52	0.57	1.6	--	--	
11/20/1992	--	--	--	--	--	ND	--	6.2	ND	1.2	0.52	--	--	
1/30/1993	81.48	8.35	0.00	73.13	--	--	--	--	--	--	--	--	--	
2/24/1993	81.48	8.17	0.00	73.31	0.18	140	--	12	0.64	9.4	3.7	--	--	
3/22/1993	81.48	8.12	0.00	73.36	0.05	--	--	--	--	--	--	--	--	
4/28/1993	81.48	9.36	0.00	72.12	-1.24	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-4 continued</b>														
5/25/1993	81.48	8.75	0.00	72.73	0.61	74	--	10	ND	4.6	1.8	--	--	
6/23/1993	81.29	8.90	0.00	72.39	-0.34	--	--	--	--	--	--	--	--	
7/22/1993	81.29	9.26	0.00	72.03	-0.36	--	--	--	--	--	--	--	--	
8/25/1993	81.29	9.45	0.00	71.84	-0.19	640	--	100	1.1	100	22	--	--	
9/22/1993	81.29	9.63	0.00	71.66	-0.18	--	--	--	--	--	--	--	--	
10/28/1993	81.29	9.62	0.00	71.67	0.01	--	--	--	--	--	--	--	--	
11/30/1993	81.29	9.40	0.00	71.89	0.22	200	--	28	ND	17	8.1	--	--	
12/21/1993	81.48	9.10	0.00	72.38	0.49	--	--	--	--	--	--	--	--	
2/16/1994	81.29	9.21	0.00	72.08	-0.30	190	--	11	0.98	21	6.6	--	--	
5/31/1994	81.29	9.11	0.00	72.18	0.10	1100	--	190	ND	100	58	--	--	
8/31/1994	81.29	10.01	0.00	71.28	-0.90	400	--	17	0.94	14	5.2	--	--	
9/27/1994	81.29	10.09	0.00	71.20	-0.08	--	--	--	--	--	--	--	--	
10/11/1994	81.29	11.50	0.00	69.79	-1.41	--	--	--	--	--	--	--	--	
11/10/1994	81.29	9.21	0.00	72.08	2.29	7700	--	1800	280	460	1300	--	--	
2/7/1995	81.29	7.66	0.00	73.63	1.55	540	--	47	ND	17	2.5	--	--	
5/3/1995	81.29	8.29	0.00	73.00	-0.63	160	--	8.3	0.52	1.5	3.7	--	--	
8/3/1995	81.29	8.60	0.00	72.69	-0.31	57	--	2.0	ND	ND	ND	--	--	
8/19/1995	81.29	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.29	10.28	0.00	71.01	--	ND	--	0.71	ND	ND	ND	0.86	--	
5/6/1996	81.29	8.70	0.00	72.59	1.58	1200	--	12	11	15	36	ND	--	
11/5/1996	81.29	10.00	0.00	71.29	-1.30	700	--	32	0.71	1.8	1.3	6.5	--	
5/15/1997	81.29	9.37	0.00	71.92	0.63	51	--	ND	ND	ND	ND	ND	--	
11/12/1997	81.29	8.92	0.00	72.37	0.45	74	--	1.7	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-4 continued</b>														
5/4/1998	81.29	9.48	0.00	71.81	-0.56	ND	--	ND	ND	ND	ND	ND	--	
11/11/1998	81.29	9.13	0.00	72.16	0.35	ND	--	0.63	ND	ND	ND	ND	--	
5/20/1999	81.29	8.41	0.00	72.88	0.72	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	81.29	9.68	0.00	71.61	-1.27	ND	--	ND	ND	ND	ND	ND	--	
5/22/2000	81.29	8.60	0.00	72.69	1.08	ND	--	ND	ND	ND	ND	ND	--	
11/22/2000	81.29	8.91	0.00	72.38	-0.31	ND	--	ND	ND	ND	ND	ND	--	
5/15/2001	81.29	8.66	0.00	72.63	0.25	ND	--	ND	1.10	ND	1.16	ND	--	
11/23/2001	81.29	8.84	0.00	72.45	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	81.29	7.93	0.00	73.36	0.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.6	3.5	
11/29/2002	81.29	9.34	0.00	71.95	-1.41	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
5/15/2003	81.29	7.87	0.00	73.42	1.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.48	9.45	0.00	72.03	-1.39	--	61	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.48	8.49	0.00	72.99	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/29/2004	81.48	9.01	0.00	72.47	-0.52	--	120	ND<0.50	ND<0.50	0.52	ND<1.0	--	0.55	
6/24/2005	81.48	7.81	0.00	73.67	1.20	--	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	81.48	8.73	0.00	72.75	-0.92	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
6/14/2006	81.48	7.43	0.00	74.05	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	--	7.04	0.00	--	--	--	62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.67	Casing elevation modified on 6/21/2006
6/28/2007	--	11.49	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	
12/13/2007	--	11.79	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.62	
6/9/2008	--	12.24	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.99	
12/30/2008	--	9.34	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-4 continued</b>														
9/28/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/15/2009	--	10.22	0.00	--	--	--	1800	4.4	ND<0.50	8.5	ND<1.0	--	4.0	
6/28/2010	--	11.74	0.00	--	--	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
12/29/2010	--	9.33	0.00	--	--	--	5300	0.72	0.55	35	ND<1.0	--	0.78	
<b>MW-5</b>														
2/15/1990	--	--	--	--	--	24000	--	1500	1700	260	3600	--	--	
8/16/1990	--	--	--	--	--	16000	--	1400	1900	2800	660	--	--	
11/7/1990	--	--	--	--	--	20000	--	640	1100	670	3000	--	--	
2/25/1991	--	--	--	--	--	25000	--	950	1300	900	3500	--	--	
5/28/1991	--	--	--	--	--	24000	--	2300	3400	1300	6000	--	--	
8/28/1991	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
11/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
2/6/1992	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
5/23/1992	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
8/26/1992	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
12/4/1992	81.59	10.03	0.08	71.62	--	--	--	--	--	--	--	--	--	
12/21/1992	81.59	9.50	0.01	72.10	0.48	--	--	--	--	--	--	--	--	
1/9/1993	81.59	8.22	0.00	73.37	1.27	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-5 continued</b>														
1/30/1993	81.59	8.58	0.00	73.01	-0.36	--	--	--	--	--	--	--	--	Trace
2/10/1993	81.59	8.68	0.00	72.91	-0.10	--	--	--	--	--	--	--	--	Trace
2/24/1993	81.59	7.91	0.01	73.69	0.78	--	--	--	--	--	--	--	--	LPH in well
3/9/1993	81.59	8.87	0.01	72.73	-0.96	--	--	--	--	--	--	--	--	LPH in well
3/22/1993	81.59	8.46	0.01	73.14	0.41	--	--	--	--	--	--	--	--	LPH in well
4/8/1993	81.59	8.84	0.01	72.76	-0.38	--	--	--	--	--	--	--	--	LPH in well
4/28/1993	81.59	9.14	0.02	72.46	-0.29	--	--	--	--	--	--	--	--	LPH in well
5/12/1993	81.59	9.28	0.02	72.32	-0.14	--	--	--	--	--	--	--	--	LPH in well
5/25/1993	81.59	9.63	0.13	72.06	-0.27	--	--	--	--	--	--	--	--	LPH in well
6/7/1993	81.38	9.75	0.01	71.64	-0.42	--	--	--	--	--	--	--	--	LPH in well
6/23/1993	81.38	9.32	0.03	72.08	0.44	--	--	--	--	--	--	--	--	LPH in well
7/8/1993	81.38	9.48	0.04	71.93	-0.15	--	--	--	--	--	--	--	--	LPH in well
7/22/1993	81.38	9.73	0.16	71.77	-0.16	--	--	--	--	--	--	--	--	LPH in well
8/11/1993	81.38	9.84	0.04	71.57	-0.20	--	--	--	--	--	--	--	--	LPH in well
8/25/1993	81.38	9.81	0.02	71.58	0.02	--	--	--	--	--	--	--	--	LPH in well
9/8/1993	81.38	10.09	0.03	71.31	-0.27	--	--	--	--	--	--	--	--	LPH in well
9/22/1993	81.38	10.01	0.05	71.41	0.10	--	--	--	--	--	--	--	--	LPH in well
10/7/1993	81.38	9.94	0.03	71.46	0.06	--	--	--	--	--	--	--	--	LPH in well
10/28/1993	81.38	10.04	0.02	71.35	-0.11	--	--	--	--	--	--	--	--	LPH in well
11/12/1993	81.38	9.79	0.00	71.59	0.24	--	--	--	--	--	--	--	--	
11/30/1993	81.38	9.62	0.00	71.76	0.17	--	--	--	--	--	--	--	--	
2/16/1994	81.38	8.95	0.02	72.44	0.69	--	--	--	--	--	--	--	--	LPH in well
5/31/1994	81.38	9.63	0.00	71.75	-0.69	43000	--	1500	1200	1600	6700	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-5 continued</b>														
8/31/1994	81.38	10.25	0.02	71.14	-0.61	--	--	--	--	--	--	--	--	LPH in well
9/27/1994	81.38	10.38	0.00	71.00	-0.14	--	--	--	--	--	--	--	--	
10/11/1994	81.38	10.45	0.02	70.94	-0.06	--	--	--	--	--	--	--	--	LPH in well
11/10/1994	81.38	7.54	0.08	73.90	2.95	--	--	--	--	--	--	--	--	LPH in well
2/7/1995	81.38	8.10	0.00	73.28	-0.62	25000	--	1400	740	990	3000	--	--	
3/14/1995	81.38	7.04	0.00	74.34	1.06	--	--	--	--	--	--	--	--	
5/3/1995	81.38	7.98	0.00	73.40	-0.94	12000	--	680	160	600	1800	--	--	
8/3/1995	81.38	9.25	0.00	72.13	-1.27	23000	--	940	280	810	2700	--	--	
8/19/1995	81.38	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.38	10.00	0.00	71.38	--	40000	--	510	280	1000	5700	630	--	
5/6/1996	81.38	9.03	0.00	72.35	0.97	13000	--	200	ND	180	610	170	--	Sheen
11/5/1996	81.38	10.41	0.00	70.97	-1.38	35000	--	1800	ND	1300	4900	580	--	
5/15/1997	81.38	9.41	0.00	71.97	1.00	10000	--	490	ND	ND	1300	ND	--	Sheen
11/12/1997	81.38	9.27	0.00	72.11	0.14	100	--	5.1	ND	ND	ND	74	--	
5/4/1998	81.38	9.18	0.00	72.20	0.09	39000	--	1600	230	1000	3200	ND	--	
11/11/1998	81.38	9.23	0.37	72.43	0.23	--	--	--	--	--	--	--	--	LPH in well
2/22/1999	81.38	7.69	0.25	73.88	1.45	--	--	--	--	--	--	--	--	LPH in well
4/2/1999	81.38	8.19	0.28	73.40	-0.48	--	--	--	--	--	--	--	--	LPH in well
5/4/1999	81.38	8.44	0.01	72.95	-0.45	--	--	--	--	--	--	--	--	LPH in well
5/20/1999	81.38	8.73	0.04	72.68	-0.27	--	--	--	--	--	--	--	--	LPH in well
6/29/1999	81.38	8.91	0.05	72.51	-0.17	--	--	--	--	--	--	--	--	LPH in well
7/29/1999	81.38	9.12	0.07	72.31	-0.20	--	--	--	--	--	--	--	--	LPH in well
8/24/1999	81.38	9.37	0.09	72.08	-0.24	--	--	--	--	--	--	--	--	LPH in well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-5 continued</b>														
9/27/1999	81.38	9.51	0.06	71.91	-0.16	--	--	--	--	--	--	--	--	LPH in well
10/28/1999	81.38	--	0.05	--	--	--	--	--	--	--	--	--	--	LPH in well
11/15/1999	81.38	9.29	0.00	72.09	--	--	--	--	--	--	--	--	--	Sheen
12/20/1999	81.38	9.14	0.00	72.24	0.15	--	--	--	--	--	--	--	--	
1/20/2000	81.38	9.08	0.00	72.30	0.06	--	--	--	--	--	--	--	--	
2/26/2000	81.38	8.69	0.00	72.69	0.39	--	--	--	--	--	--	--	--	
3/31/2000	81.38	8.48	0.00	72.90	0.21	--	--	--	--	--	--	--	--	
4/13/2000	81.38	8.66	0.00	72.72	-0.18	--	--	--	--	--	--	--	--	
5/22/2000	81.38	9.06	0.00	72.32	-0.40	240000	--	33000	5000	18000	59000	640	21	
11/22/2000	81.38	9.24	0.67	72.64	0.32	--	--	--	--	--	--	--	--	LPH in well
2/14/2001	81.38	7.63	0.33	74.00	1.35	--	--	--	--	--	--	--	--	LPH in well
3/28/2001	81.38	8.82	0.00	72.56	-1.44	--	--	--	--	--	--	--	--	
4/28/2001	81.38	8.66	0.00	72.72	0.16	--	--	--	--	--	--	--	--	
5/15/2001	81.38	8.97	0.00	72.41	-0.31	--	--	--	--	--	--	--	--	
6/29/2001	81.38	8.73	0.00	72.65	0.24	--	--	--	--	--	--	--	--	
7/17/2001	81.38	8.92	0.02	72.47	-0.17	--	--	--	--	--	--	--	--	LPH in well
8/30/2001	81.38	8.85	0.00	72.53	0.06	--	--	--	--	--	--	--	--	
9/24/2001	81.38	8.89	0.00	72.49	-0.04	--	--	--	--	--	--	--	--	
10/15/2001	81.38	9.11	0.03	72.29	-0.20	--	--	--	--	--	--	--	--	LPH in well
11/23/2001	81.38	8.77	0.00	72.61	0.32	29000	--	3900	450	1400	3500	ND<500	--	
12/10/2001	81.38	8.75	0.00	72.63	0.02	--	--	--	--	--	--	--	--	
1/14/2002	81.38	8.26	0.00	73.12	0.49	--	--	--	--	--	--	--	--	
2/22/2002	81.38	6.30	0.00	75.08	1.96	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-5 continued</b>														
3/11/2002	81.38	6.47	0.00	74.91	-0.17	--	--	--	--	--	--	--	--	
4/15/2002	81.38	6.56	0.00	74.82	-0.09	--	--	--	--	--	--	--	--	
5/24/2002	81.38	8.32	0.15	73.17	-1.65	--	--	--	--	--	--	--	--	
6/17/2002	81.38	8.41	0.20	73.12	-0.05	--	--	--	--	--	--	--	--	
7/15/2002	81.38	8.63	0.20	72.90	-0.22	--	--	--	--	--	--	--	--	
8/19/2002	81.38	8.76	0.31	72.85	-0.05	--	--	--	--	--	--	--	--	
9/5/2002	81.38	8.73	0.16	72.77	-0.08	--	--	--	--	--	--	--	--	
10/7/2002	81.38	8.79	0.09	72.66	-0.11	--	--	--	--	--	--	--	--	
11/29/2002	81.38	9.18	0.05	72.24	-0.42	--	--	--	--	--	--	--	--	
12/12/2002	81.38	9.12	0.04	72.29	0.05	--	--	--	--	--	--	--	--	
1/6/2003	81.38	9.05	0.03	72.35	0.06	--	--	--	--	--	--	--	--	
2/12/2003	81.38	8.87	0.04	72.54	0.19	--	--	--	--	--	--	--	--	
3/13/2003	81.38	8.25	0.03	73.15	0.61	--	--	--	--	--	--	--	--	
4/7/2003	81.38	8.31	0.02	73.08	-0.07	--	--	--	--	--	--	--	--	
5/15/2003	81.38	8.58	0.03	72.82	-0.26	--	--	--	--	--	--	--	--	
6/12/2003	81.38	8.63	0.02	72.76	-0.06	--	--	--	--	--	--	--	--	
7/7/2003	81.38	8.59	0.02	72.80	0.04	--	--	--	--	--	--	--	--	
8/14/2003	81.38	8.65	0.03	72.75	-0.05	--	--	--	--	--	--	--	--	
9/12/2003	81.38	8.82	0.03	72.58	-0.17	--	--	--	--	--	--	--	--	
11/4/2003	81.38	9.90	0.25	71.67	-0.92	--	--	--	--	--	--	--	--	
5/24/2004	81.38	9.33	0.25	72.24	0.57	--	--	--	--	--	--	--	--	
11/29/2004	81.38	9.16	0.21	72.38	0.14	--	--	--	--	--	--	--	--	
6/24/2005	81.38	8.41	0.00	72.97	0.59	--	53000	560	230	1600	5100	--	82	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-5 continued</b>														
12/15/2005	81.38	8.96	0.00	72.42	-0.55	--	27000	130	ND<25	560	1800	--	120	
6/14/2006	81.38	8.41	0.00	72.97	0.55	--	11000	110	ND<12	360	640	--	48	
12/21/2006	81.38	9.65	0.00	71.73	-1.24	--	78000	490	43	1400	4300	--	96	
6/28/2007	81.38	9.99	0.29	71.61	-0.12	--	--	--	--	--	--	--	--	
12/13/2007	81.38	10.12	0.17	71.39	-0.22	--	--	--	--	--	--	--	--	
6/9/2008	81.38	10.12	0.17	71.39	0.00	--	--	--	--	--	--	--	--	
12/30/2008	81.38	9.33	0.13	72.15	0.76	--	--	--	--	--	--	--	--	
9/28/2009	81.38	9.77	0.01	71.62	-0.53	--	--	--	--	--	--	--	--	
12/15/2009	81.38	8.87	0.01	72.52	0.90	--	--	--	--	--	--	--	--	
6/28/2010	81.38	9.82	0.50	71.93	-0.58	--	--	--	--	--	--	--	--	
12/29/2010	81.38	8.69	1.49	73.81	1.87	--	--	--	--	--	--	--	--	
<b>MW-6</b>														
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	ND	--	0.37	0.4	0.35	1.5	--	--	
5/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	0.42	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	80.47	7.71	0.00	72.76	--	--	--	--	--	--	--	--	--	
1/30/1993	80.47	7.25	0.00	73.22	0.46	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-6 continued</b>														
2/24/1993	80.47	6.74	0.00	73.73	0.51	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	80.47	5.85	0.00	74.62	0.89	--	--	--	--	--	--	--	--	
4/28/1993	80.47	7.58	0.00	72.89	-1.73	--	--	--	--	--	--	--	--	
5/25/1993	80.47	7.48	0.00	72.99	0.10	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.94	7.34	0.00	72.60	-0.39	--	--	--	--	--	--	--	--	
7/22/1993	79.94	7.53	0.00	72.41	-0.19	--	--	--	--	--	--	--	--	
8/25/1993	79.94	7.66	0.00	72.28	-0.13	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.94	7.76	0.00	72.18	-0.10	--	--	--	--	--	--	--	--	
10/28/1993	79.94	8.30	0.00	71.64	-0.54	--	--	--	--	--	--	--	--	
11/30/1993	79.94	7.40	0.00	72.54	0.90	--	--	--	--	--	--	--	--	
2/16/1994	79.94	7.13	0.00	72.81	0.27	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	79.94	7.49	0.00	72.45	-0.36	--	--	--	--	--	--	--	--	
8/31/1994	79.94	7.93	0.00	72.01	-0.44	ND	--	ND	1.5	ND	1.6	--	--	
9/27/1994	79.94	8.03	0.00	71.91	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	79.94	8.05	0.00	71.89	-0.02	--	--	--	--	--	--	--	--	
11/10/1994	79.94	6.12	0.00	73.82	1.93	--	--	--	--	--	--	--	--	
2/7/1995	79.94	6.65	0.00	73.29	-0.53	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	79.94	6.47	0.00	73.47	0.18	ND	--	ND	ND	ND	1.0	--	--	
8/3/1995	79.94	7.28	0.00	72.66	-0.81	--	--	--	--	--	--	--	--	
11/7/1995	79.94	7.98	0.00	71.96	-0.70	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.94	7.80	0.00	72.14	0.18	--	--	--	--	--	--	--	--	
11/5/1996	79.94	7.63	0.00	72.31	0.17	--	--	--	--	--	--	--	--	
5/15/1997	79.94	7.41	0.00	72.53	0.22	--	--	--	--	--	--	--	--	

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-6 continued</b>														
11/12/1997	79.94	7.51	0.00	72.43	-0.10	--	--	--	--	--	--	--	--	
5/4/1998	79.94	7.15	0.00	72.79	0.36	--	--	--	--	--	--	--	--	
11/11/1998	79.94	7.04	0.00	72.90	0.11	--	--	--	--	--	--	--	--	
5/20/1999	79.94	7.00	0.00	72.94	0.04	--	--	--	--	--	--	--	--	
11/15/1999	79.94	7.42	0.00	72.52	-0.42	--	--	--	--	--	--	--	--	
5/22/2000	79.94	7.24	0.00	72.70	0.18	--	--	--	--	--	--	--	--	
11/22/2000	79.94	7.40	0.00	72.54	-0.16	--	--	--	--	--	--	--	--	
5/15/2001	79.94	7.12	0.00	72.82	0.28	--	--	--	--	--	--	--	--	
11/23/2001	79.94	7.19	0.00	72.75	-0.07	--	--	--	--	--	--	--	--	
5/24/2002	79.94	6.54	0.00	73.40	0.65	--	--	--	--	--	--	--	--	
11/29/2002	79.94	7.26	0.00	72.68	-0.72	--	--	--	--	--	--	--	--	
5/15/2003	79.94	6.26	0.00	73.68	1.00	--	--	--	--	--	--	--	--	
11/4/2003	79.94	7.80	0.00	72.14	-1.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
5/24/2004	79.94	7.54	0.00	72.40	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
11/29/2004	79.94	7.01	0.00	72.93	0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
6/24/2005	79.94	7.68	0.00	72.26	-0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.47	
12/15/2005	79.94	7.49	0.00	72.45	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.88	
6/14/2006	79.94	6.45	0.00	73.49	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.0	
12/21/2006	79.94	6.91	0.00	73.03	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
6/28/2007	79.94	7.46	0.00	72.48	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
12/13/2007	79.94	7.41	0.00	72.53	0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
6/9/2008	79.94	8.20	0.00	71.74	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
12/30/2008	79.94	7.47	0.00	72.47	0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-6 continued</b>														
9/28/2009	79.94	7.96	0.00	71.98	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.67	
12/15/2009	79.94	7.22	0.00	72.72	0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	79.94	7.68	0.00	72.26	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	79.94	5.93	0.00	74.01	1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-7</b>														
11/7/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	--	--	--	--	--	70	--	ND	ND	ND	0.52	--	--	
5/28/1991	--	--	--	--	--	39	--	ND	ND	ND	0.73	--	--	
8/28/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	--	--	--	--	--	32	--	ND	ND	ND	ND	--	--	
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	0.73	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	81.83	8.42	0.00	73.41	--	--	--	--	--	--	--	--	--	
1/30/1993	81.83	8.21	0.00	73.62	0.21	--	--	--	--	--	--	--	--	
2/24/1993	81.83	7.85	0.00	73.98	0.36	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.83	6.97	0.00	74.86	0.88	--	--	--	--	--	--	--	--	
4/28/1993	81.83	8.39	0.00	73.44	-1.42	--	--	--	--	--	--	--	--	
5/25/1993	81.83	8.43	0.00	73.40	-0.04	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.64	8.47	0.00	73.17	-0.23	--	--	--	--	--	--	--	--	
7/22/1993	81.64	8.83	0.00	72.81	-0.36	--	--	--	--	--	--	--	--	
8/25/1993	81.64	8.81	0.00	72.83	0.02	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-7 continued</b>														
9/22/1993	81.64	8.96	0.00	72.68	-0.15	--	--	--	--	--	--	--	--	
10/28/1993	81.64	8.98	0.00	72.66	-0.02	--	--	--	--	--	--	--	--	
11/30/1993	81.64	8.65	0.00	72.99	0.33	--	--	--	--	--	--	--	--	
2/16/1994	81.64	8.36	0.00	73.28	0.29	ND	--	ND	ND	ND	0.7	--	--	
5/31/1994	81.64	8.67	0.00	72.97	-0.31	--	--	--	--	--	--	--	--	
8/31/1994	81.64	9.12	0.00	72.52	-0.45	ND	--	ND	0.8	ND	0.75	--	--	
9/27/1994	81.64	9.22	0.00	72.42	-0.10	--	--	--	--	--	--	--	--	
10/11/1994	81.64	9.23	0.00	72.41	-0.01	--	--	--	--	--	--	--	--	
11/10/1994	81.64	7.66	0.00	73.98	1.57	--	--	--	--	--	--	--	--	
2/7/1995	81.64	7.88	0.00	73.76	-0.22	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	81.64	7.71	0.00	73.93	0.17	ND	--	ND	ND	ND	1.0	--	--	
8/3/1995	81.64	8.40	0.00	73.24	-0.69	--	--	--	--	--	--	--	--	
11/7/1995	81.64	8.95	0.00	72.69	-0.55	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.64	8.15	0.00	73.49	0.80	--	--	--	--	--	--	--	--	
11/5/1996	81.64	8.67	0.00	72.97	-0.52	--	--	--	--	--	--	--	--	
5/15/1997	81.64	8.47	0.00	73.17	0.20	--	--	--	--	--	--	--	--	
11/12/1997	81.64	7.88	0.00	73.76	0.59	--	--	--	--	--	--	--	--	
5/4/1998	81.64	7.93	0.00	73.71	-0.05	--	--	--	--	--	--	--	--	
11/11/1998	81.64	8.20	0.00	73.44	-0.27	--	--	--	--	--	--	--	--	
5/20/1999	81.64	8.04	0.00	73.60	0.16	--	--	--	--	--	--	--	--	
11/15/1999	81.64	8.17	0.00	73.47	-0.13	--	--	--	--	--	--	--	--	
5/22/2000	81.64	8.10	0.00	73.54	0.07	--	--	--	--	--	--	--	--	
11/22/2000	81.64	8.30	0.00	73.34	-0.20	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-7 continued</b>														
5/15/2001	81.64	8.09	0.00	73.55	0.21	--	--	--	--	--	--	--	--	
11/23/2001	81.64	8.14	0.00	73.50	-0.05	--	--	--	--	--	--	--	--	
5/24/2002	81.64	7.56	0.00	74.08	0.58	--	--	--	--	--	--	--	--	
11/29/2002	81.64	8.23	0.00	73.41	-0.67	--	--	--	--	--	--	--	--	
5/15/2003	81.64	7.25	0.00	74.39	0.98	--	--	--	--	--	--	--	--	
11/4/2003	81.64	8.76	0.00	72.88	-1.51	--	70	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.64	8.32	0.00	73.32	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
11/29/2004	81.64	8.21	0.00	73.43	0.11	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
6/24/2005	81.64	7.84	0.00	73.80	0.37	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
12/15/2005	81.64	8.15	0.00	73.49	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.72	
6/14/2006	81.64	7.76	0.00	73.88	0.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	--	7.64	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.75	
													Casing elevation modified on 6/21/2006	
6/28/2007	--	8.18	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	
12/13/2007	--	8.52	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
6/9/2008	--	8.67	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
12/30/2008	--	8.46	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
9/28/2009	--	8.30	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.52	
12/15/2009	--	8.22	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
6/28/2010	--	8.02	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	--	7.18	0.00	--	--	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.0	
<b>MW-8</b>														
11/7/1990	--	--	--	--	--	4700	--	28	38	86	7200	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-8 continued</b>														
2/25/1991	--	--	--	--	--	5300	--	17	6.1	53	300	--	--	
5/28/1991	--	--	--	--	--	4800	--	4.2	1.3	5.1	170	--	--	
8/28/1991	--	--	--	--	--	1800	--	3.2	1.9	19	74	--	--	
11/19/1991	--	--	--	--	--	1600	--	8.1	1.8	19	52	--	--	
2/6/1992	--	--	--	--	--	2600	--	4.1	7.0	31	93	--	--	
5/23/1992	--	--	--	--	--	2100	--	8.6	1.6	1.7	28	--	--	
8/26/1992	--	--	--	--	--	1800	--	12	8.0	4.0	13	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/21/1992	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/30/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/10/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/24/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/22/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/8/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/28/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/12/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/25/1993	81.71	10.12	0.00	71.59	--	1200	--	5.4	ND	9.0	21	--	--	
6/7/1993	81.41	9.98	0.00	71.43	-0.16	--	--	--	--	--	--	--	--	
6/23/1993	81.41	10.36	0.00	71.05	-0.38	--	--	--	--	--	--	--	--	
7/8/1993	81.41	10.52	0.00	70.89	-0.16	--	--	--	--	--	--	--	--	
7/22/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-8 continued</b>														
8/11/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/25/1993	81.41	10.95	0.00	70.46	--	1800	--	11	17	8.9	29	--	--	
9/8/1993	81.41	11.34	0.00	70.07	-0.39	--	--	--	--	--	--	--	--	
9/22/1993	81.41	11.13	0.00	70.28	0.21	--	--	--	--	--	--	--	--	
10/7/1993	81.41	10.96	0.00	70.45	0.17	--	--	--	--	--	--	--	--	
10/28/1993	81.41	11.19	0.00	70.22	-0.23	--	--	--	--	--	--	--	--	
11/12/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
11/30/1993	81.41	10.42	0.00	70.99	--	3500	--	18	ND	ND	ND	--	--	
2/16/1994	81.41	9.86	0.00	71.55	0.56	990	--	4.9	1.8	2.4	4.5	--	--	
5/31/1994	81.41	10.61	0.00	70.80	-0.75	350	--	3.0	1.0	0.73	1.7	--	--	
8/31/1994	81.41	11.37	0.00	70.04	-0.76	1800	--	ND	ND	ND	ND	--	--	
9/27/1994	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
10/11/1994	81.41	11.50	0.00	69.91	--	--	--	--	--	--	--	--	--	
11/10/1994	81.41	7.81	0.00	73.60	3.69	940	--	6.7	6.3	ND	16	--	--	
2/7/1995	81.41	8.69	0.00	72.72	-0.88	230	--	1.4	0.95	0.9	1.1	--	--	
5/3/1995	81.41	8.60	0.00	72.81	0.09	75	--	ND	ND	ND	1.0	--	--	
8/3/1995	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/7/1995	81.41	11.05	0.00	70.36	--	210	--	1.3	1.2	ND	ND	--	--	
5/6/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/5/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/15/1997	81.41	10.46	0.00	70.95	--	ND	--	ND	ND	ND	ND	43	--	
11/12/1997	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/4/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-8 continued</b>														
11/11/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/20/1999	81.41	9.75	0.00	71.66	--	ND	--	ND	ND	ND	ND	23	10	
11/15/1999	81.41	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/22/2000	81.41	9.80	0.00	71.61	--	ND	--	ND	1.9	ND	3.3	ND	--	
11/22/2000	81.41	9.76	0.00	71.65	0.04	ND	--	ND	1.16	ND	1.22	ND	--	
5/15/2001	81.41	9.87	0.00	71.54	-0.11	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	81.41	9.92	0.00	71.49	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	81.41	9.26	0.00	72.15	0.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/29/2002	81.41	9.71	0.00	71.70	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	81.41	9.04	0.00	72.37	0.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.41	10.20	0.00	71.21	-1.16	--	690	ND<1.0	ND<1.0	3.3	ND<2.0	--	190	
5/24/2004	81.41	10.04	0.00	71.37	0.16	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	750	
11/29/2004	81.41	9.88	0.00	71.53	0.16	--	1500	ND<10	ND<10	ND<10	ND<20	--	1600	
6/24/2005	81.41	9.40	0.00	72.01	0.48	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
12/15/2005	81.41	10.01	0.00	71.40	-0.61	--	520	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1000	
6/14/2006	81.41	5.91	0.00	75.50	4.10	--	230	ND<0.50	ND<0.50	0.60	ND<1.0	--	39	
12/21/2006	81.41	9.65	0.00	71.76	-3.74	--	260	2.5	ND<0.50	12	43	--	15	
6/28/2007	81.41	11.10	0.00	70.31	-1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.4	
12/13/2007	81.41	11.18	0.00	70.23	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.8	
6/9/2008	81.41	11.25	0.00	70.16	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.5	
12/30/2008	81.41	10.05	0.00	71.36	1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
9/28/2009	81.41	11.10	0.00	70.31	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.1	
12/15/2009	81.41	10.00	0.00	71.41	1.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-8 continued</b>														
6/28/2010	81.41	10.86	0.00	70.55	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
12/29/2010	81.41	8.57	0.00	72.84	2.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
<b>MW-9</b>														
11/7/1990	--	--	--	--	--	480	--	7.8	1.2	13	47	--	--	
2/25/1991	--	--	--	--	--	390	--	13	1.1	2.8	14	--	--	
5/28/1991	--	--	--	--	--	590	--	6.0	0.43	6.8	1.4	--	--	
8/28/1991	--	--	--	--	--	450	--	17	0.9	13	14	--	--	
11/19/1991	--	--	--	--	--	360	--	17	0.45	15	11	--	--	
2/6/1992	--	--	--	--	--	660	--	41	1.0	33	15	--	--	
5/23/1992	--	--	--	--	--	460	--	18	0.66	1.4	3.2	--	--	
8/26/1992	--	--	--	--	--	250	--	13	ND	8.6	3.8	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/21/1992	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/30/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/24/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/22/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/28/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/25/1993	81.13	11.50	0.00	69.63	--	160	--	6.1	ND	7.4	1.1	--	--	
6/23/1993	80.53	9.78	0.00	70.75	1.12	--	--	--	--	--	--	--	--	
7/22/1993	80.53	10.10	0.00	70.43	-0.32	--	--	--	--	--	--	--	--	
8/25/1993	80.53	10.44	0.00	70.09	-0.34	220	--	10	ND	6.8	1.4	--	--	
9/22/1993	80.53	10.64	0.00	69.89	-0.20	--	--	--	--	--	--	--	--	
10/28/1993	80.53	10.68	0.00	69.85	-0.04	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-9 continued</b>														
11/30/1993	80.53	9.87	0.00	70.66	0.81	200	--	5.6	ND	2.9	2.7	--	--	
2/16/1994	80.53	9.21	0.00	71.32	0.66	250	--	5.1	1.3	4.4	1.5	--	--	
5/31/1994	80.53	10.15	0.00	70.38	-0.94	360	--	7.8	0.97	4.6	2.2	--	--	
8/31/1994	80.53	10.97	0.00	69.56	-0.82	650	--	7.7	2.8	4.4	5.0	59	--	
9/27/1994	80.53	11.10	0.00	69.43	-0.13	--	--	--	--	--	--	--	--	
10/11/1994	80.53	11.20	0.00	69.33	-0.10	--	--	--	--	--	--	--	--	
11/10/1994	80.53	7.25	0.00	73.28	3.95	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	80.53	7.76	0.00	72.77	-0.51	57	--	0.7	ND	0.86	ND	--	--	
5/3/1995	80.53	7.82	0.00	72.71	-0.06	ND	--	0.85	0.67	1.3	1.0	--	--	
8/3/1995	80.53	9.70	0.00	70.83	-1.88	91	--	1.1	ND	ND	ND	--	--	
11/7/1995	80.53	10.64	0.00	69.89	-0.94	130	--	1.5	0.62	0.71	ND	60	--	
5/6/1996	80.53	9.01	0.00	71.52	1.63	860	--	6.1	13	6.0	25	ND	--	
11/5/1996	80.53	11.42	0.00	69.11	-2.41	84	--	0.74	ND	1.2	4.5	ND	--	
5/15/1997	80.53	9.89	0.00	70.64	1.53	ND	--	ND	ND	ND	ND	ND	--	
11/12/1997	80.53	10.22	0.00	70.31	-0.33	ND	--	0.55	ND	ND	ND	74	--	
5/4/1998	80.53	10.05	0.00	70.48	0.17	ND	--	ND	ND	ND	ND	45	--	
11/11/1998	80.53	9.23	0.00	71.30	0.82	ND	--	ND	ND	ND	ND	ND	--	
5/20/1999	80.53	8.78	0.00	71.75	0.45	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	80.53	9.12	0.00	71.41	-0.34	ND	--	ND	ND	ND	ND	ND	--	
5/22/2000	80.53	9.17	0.00	71.36	-0.05	ND	--	ND	1.9	ND	3.5	ND	--	
11/22/2000	80.53	9.08	0.00	71.45	0.09	ND	--	ND	1.18	ND	1.16	ND	--	
5/15/2001	80.53	8.85	0.00	71.68	0.23	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	80.53	9.10	0.00	71.43	-0.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-9 continued</b>														
5/24/2002	80.53	8.79	0.00	71.74	0.31	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/29/2002	80.53	9.24	0.00	71.29	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	80.53	8.56	0.00	71.97	0.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	80.53	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
5/24/2004	80.53	9.38	0.00	71.15	--	--	330	1.8	ND<0.50	ND<0.50	ND<1.0	--	160	
11/29/2004	80.53	9.55	0.00	70.98	-0.17	--	690	0.72	ND<0.50	1.3	ND<1.0	--	160	
6/24/2005	80.53	8.65	0.00	71.88	0.90	--	240	0.80	ND<0.50	0.55	ND<1.0	--	67	
12/15/2005	80.53	9.43	0.00	71.10	-0.78	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
6/14/2006	80.53	9.43	0.00	71.10	0.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
12/21/2006	80.53	9.01	0.00	71.52	0.42	--	580	ND<0.50	ND<0.50	0.71	ND<0.50	--	36	
6/28/2007	80.53	11.64	0.00	68.89	-2.63	--	1200	0.81	ND<0.50	ND<0.50	0.54	--	52	
12/13/2007	80.53	11.18	0.00	69.35	0.46	--	1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	
6/9/2008	80.53	11.10	0.00	69.43	0.08	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
12/30/2008	80.53	9.66	0.00	70.87	1.44	--	970	ND<0.50	ND<0.50	0.84	ND<1.0	--	5.0	
9/28/2009	80.53	10.83	0.00	69.70	-1.17	--	860	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.5	
12/15/2009	80.53	10.00	0.00	70.53	0.83	--	870	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.7	
6/28/2010	80.53	10.45	0.00	70.08	-0.45	--	360	ND<0.50	ND<0.50	1.0	ND<1.0	--	2.2	
12/29/2010	80.53	7.72	0.00	72.81	2.73	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-10</b>														
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-10 continued</b>														
12/21/1992	81.90	13.41	0.00	68.49	--	--	--	--	--	--	--	--	--	
1/30/1993	81.90	11.60	0.00	70.30	1.81	--	--	--	--	--	--	--	--	
2/24/1993	81.90	11.23	0.00	70.67	0.37	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.90	10.89	0.00	71.01	0.34	--	--	--	--	--	--	--	--	
4/28/1993	81.90	12.11	0.00	69.79	-1.22	--	--	--	--	--	--	--	--	
5/25/1993	81.90	12.02	0.00	69.88	0.09	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.61	12.11	0.00	69.50	-0.38	--	--	--	--	--	--	--	--	
7/22/1993	81.61	12.49	0.00	69.12	-0.38	--	--	--	--	--	--	--	--	
8/25/1993	81.61	12.78	0.00	68.83	-0.29	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	81.61	13.06	0.00	68.55	-0.28	--	--	--	--	--	--	--	--	
10/28/1993	81.61	13.23	0.00	68.38	-0.17	--	--	--	--	--	--	--	--	
11/30/1993	81.61	--	--	--	--	--	--	--	--	--	--	--	Inaccessible	
2/16/1994	81.61	12.43	0.00	69.18	--	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	81.61	12.69	0.00	68.92	-0.26	ND	--	ND	0.9	ND	0.91	--	--	
8/31/1994	81.61	13.47	0.00	68.14	-0.78	ND	--	ND	0.64	ND	0.54	--	--	
9/27/1994	81.61	13.72	0.00	67.89	-0.25	--	--	--	--	--	--	--	--	
10/11/1994	81.61	14.80	0.00	66.81	-1.08	--	--	--	--	--	--	--	--	
11/10/1994	81.61	12.64	0.00	68.97	2.16	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	81.61	10.29	0.00	71.32	2.35	--	--	--	--	--	--	--	Sampled semi-annually	
5/3/1995	81.61	10.22	0.00	71.39	0.07	ND	--	ND	ND	ND	0.65	--	--	
8/3/1995	81.61	11.73	0.00	69.88	-1.51	--	--	--	--	--	--	--	--	
11/7/1995	81.61	12.98	0.00	68.63	-1.25	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.61	10.90	0.00	70.71	2.08	--	--	--	--	--	--	--	Sampling discontinued	

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**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-10 continued</b>														
11/5/1996	81.61	11.96	0.00	69.65	-1.06	--	--	--	--	--	--	--	--	
5/15/1997	81.61	10.79	0.00	70.82	1.17	--	--	--	--	--	--	--	--	
11/12/1997	81.61	10.07	0.00	71.54	0.72	--	--	--	--	--	--	--	--	
5/4/1998	81.61	10.01	0.00	71.60	0.06	--	--	--	--	--	--	--	--	
11/11/1998	81.61	12.03	0.00	69.58	-2.02	--	--	--	--	--	--	--	--	
5/20/1999	81.61	10.05	0.00	71.56	1.98	--	--	--	--	--	--	--	--	
11/15/1999	81.61	10.16	0.00	71.45	-0.11	--	--	--	--	--	--	--	--	
5/22/2000	81.61	10.06	0.00	71.55	0.10	--	--	--	--	--	--	--	--	
11/22/2000	81.61	10.12	0.00	71.49	-0.06	--	--	--	--	--	--	--	--	
5/15/2001	81.61	10.08	0.00	71.53	0.04	--	--	--	--	--	--	--	--	
11/23/2001	81.61	10.14	0.00	71.47	-0.06	--	--	--	--	--	--	--	--	
5/24/2002	81.61	9.48	0.00	72.13	0.66	--	--	--	--	--	--	--	--	
11/29/2002	81.61	10.11	0.00	71.50	-0.63	--	--	--	--	--	--	--	--	
5/15/2003	81.61	9.22	0.00	72.39	0.89	--	--	--	--	--	--	--	--	
11/4/2003	81.61	12.82	0.00	68.79	-3.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.61	11.52	0.00	70.09	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
11/29/2004	81.61	12.58	0.00	69.03	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.72	
6/24/2005	81.61	10.70	0.00	70.91	1.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	81.61	12.09	0.00	69.52	-1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	81.61	9.77	0.00	71.84	2.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	81.61	11.57	0.00	70.04	-1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	81.61	14.11	0.00	67.50	-2.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/13/2007	81.61	15.72	0.00	65.89	-1.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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**November 1989 Through December 2010**  
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Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-10 continued</b>														
6/9/2008	81.61	14.93	0.00	66.68	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	81.61	13.56	0.00	68.05	1.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	81.61	13.52	0.00	68.09	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2009	81.61	14.02	0.00	67.59	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2010	81.61	13.55	0.00	68.06	0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	81.61	13.23	0.00	68.38	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-11</b>														
2/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	78.43	12.34	0.00	66.09	--	--	--	--	--	--	--	--	--	
1/30/1993	78.43	14.17	0.00	64.26	-1.83	--	--	--	--	--	--	--	--	
2/24/1993	78.43	12.70	0.00	65.73	1.47	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	78.43	8.95	0.00	69.48	3.75	--	--	--	--	--	--	--	--	
4/28/1993	78.43	13.87	0.00	64.56	-4.92	--	--	--	--	--	--	--	--	
5/25/1993	78.43	15.14	0.00	63.29	-1.27	ND	--	ND	0.75	ND	1.0	--	--	
6/23/1993	78.18	15.08	0.00	63.10	-0.19	--	--	--	--	--	--	--	--	
7/22/1993	78.18	15.46	0.00	62.72	-0.38	--	--	--	--	--	--	--	--	
8/25/1993	78.18	14.10	0.00	64.08	1.36	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	78.18	15.03	0.00	63.15	-0.93	--	--	--	--	--	--	--	--	
10/28/1993	78.18	13.84	0.00	64.34	1.19	--	--	--	--	--	--	--	--	
11/30/1993	78.18	13.04	0.00	65.14	0.80	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-11 continued</b>														
2/16/1994	78.18	12.76	0.00	65.42	0.28	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	78.18	12.79	0.00	65.39	-0.03	ND	--	ND	ND	ND	ND	--	--	
8/31/1994	78.18	12.97	0.00	65.21	-0.18	ND	--	ND	1.5	ND	1.8	--	--	
9/27/1994	78.18	14.88	0.00	63.30	-1.91	--	--	--	--	--	--	--	--	
10/11/1994	78.18	13.40	0.00	64.78	1.48	--	--	--	--	--	--	--	--	
11/10/1994	78.18	13.57	0.00	64.61	-0.17	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	78.18	12.28	0.00	65.90	1.29	--	--	--	--	--	--	--	--	Sampled semi-annually
5/3/1995	78.18	9.28	0.00	68.90	3.00	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	78.18	12.67	0.00	65.51	-3.39	--	--	--	--	--	--	--	--	
11/7/1995	78.18	12.28	0.00	65.90	0.39	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	78.18	13.30	0.00	64.88	-1.02	--	--	--	--	--	--	--	--	Sampling discontinued
11/5/1996	78.18	10.90	0.00	67.28	2.40	--	--	--	--	--	--	--	--	
5/15/1997	78.18	11.65	0.00	66.53	-0.75	--	--	--	--	--	--	--	--	
11/12/1997	78.18	9.66	0.00	68.52	1.99	--	--	--	--	--	--	--	--	
5/4/1998	78.18	10.87	0.00	67.31	-1.21	--	--	--	--	--	--	--	--	
11/11/1998	78.18	11.40	0.00	66.78	-0.53	--	--	--	--	--	--	--	--	
5/20/1999	78.18	10.71	0.00	67.47	0.69	ND	--	ND	ND	ND	ND	ND	--	
11/15/1999	78.18	11.32	0.00	66.86	-0.61	ND	--	ND	1.04	ND	ND	ND	--	
5/22/2000	78.18	10.98	0.00	67.20	0.34	ND	--	ND	ND	ND	ND	ND	--	
11/22/2000	78.18	11.17	0.00	67.01	-0.19	ND	--	ND	ND	ND	ND	ND	--	
5/15/2001	78.18	10.93	0.00	67.25	0.24	ND	--	ND	ND	ND	ND	ND	--	
11/23/2001	78.18	11.08	0.00	67.10	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/24/2002	78.18	10.58	0.00	67.60	0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-11 continued</b>														
11/29/2002	78.18	11.27	0.00	66.91	-0.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	78.18	10.25	0.00	67.93	1.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	78.18	11.23	0.00	66.95	-0.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	78.18	10.10	0.00	68.08	1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/29/2004	78.18	10.96	0.00	67.22	-0.86	--	63	ND<0.50	ND<0.50	1.0	2.5	--	ND<0.50	
6/24/2005	78.18	14.07	0.00	64.11	-3.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2005	78.18	13.28	0.00	64.90	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	78.18	12.53	0.00	65.65	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	78.18	12.78	0.00	65.40	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	78.18	--	--	--	--	--	--	--	--	--	--	--	--	Bus parked over well
12/13/2007	78.18	15.37	0.00	62.81	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/9/2008	78.18	14.80	0.00	63.38	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	78.18	12.90	0.00	65.28	1.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	78.18	12.57	0.00	65.61	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/15/2009	78.18	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
6/28/2010	78.18	14.42	0.00	63.76	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2010	78.18	15.40	0.00	62.78	-0.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-12</b>														
8/26/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	79.89	12.11	0.00	67.78	--	--	--	--	--	--	--	--	--	
1/30/1993	79.89	13.18	0.00	66.71	-1.07	--	--	--	--	--	--	--	--	
2/24/1993	79.89	12.13	0.00	67.76	1.05	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-12 continued</b>														
3/22/1993	79.89	11.22	0.00	68.67	0.91	--	--	--	--	--	--	--	--	
4/28/1993	79.89	13.42	0.00	66.47	-2.20	--	--	--	--	--	--	--	--	
5/25/1993	79.89	13.68	0.00	66.21	-0.26	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.61	14.56	0.00	65.05	-1.16	--	--	--	--	--	--	--	--	
7/22/1993	79.61	14.96	0.00	64.65	-0.40	--	--	--	--	--	--	--	--	
8/25/1993	79.61	13.61	0.00	66.00	1.35	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.61	15.02	0.00	64.59	-1.41	--	--	--	--	--	--	--	--	
10/28/1993	79.61	14.04	0.00	65.57	0.98	--	--	--	--	--	--	--	--	
11/30/1993	79.61	13.28	0.00	66.33	0.76	ND	--	ND	ND	ND	ND	--	--	
2/16/1994	79.61	12.76	0.00	66.85	0.52	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	79.61	12.64	0.00	66.97	0.12	ND	--	ND	0.81	ND	0.82	--	--	
8/31/1994	79.61	12.82	0.00	66.79	-0.18	ND	--	ND	1.0	ND	1.0	--	ND	
9/27/1994	79.61	14.66	0.00	64.95	-1.84	--	--	--	--	--	--	--	--	
10/11/1994	79.61	14.25	0.00	65.36	0.41	--	--	--	--	--	--	--	--	
11/10/1994	79.61	13.40	0.00	66.21	0.85	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	79.61	11.72	0.00	67.89	1.68	--	--	--	--	--	--	--	--	
5/3/1995	79.61	13.38	0.00	66.23	-1.66	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	79.61	13.47	0.00	66.14	-0.09	--	--	--	--	--	--	--	--	
11/7/1995	79.61	12.78	0.00	66.83	0.69	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.61	13.25	0.00	66.36	-0.47	--	--	--	--	--	--	--	--	
11/5/1996	79.61	11.88	0.00	67.73	1.37	--	--	--	--	--	--	--	--	
5/15/1997	79.61	11.72	0.00	67.89	0.16	--	--	--	--	--	--	--	--	
11/12/1997	79.61	10.01	0.00	69.60	1.71	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-12 continued</b>														
5/4/1998	79.61	10.96	0.00	68.65	-0.95	--	--	--	--	--	--	--	--	
11/11/1998	79.61	11.53	0.00	68.08	-0.57	--	--	--	--	--	--	--	--	
5/20/1999	79.61	10.84	0.00	68.77	0.69	--	--	--	--	--	--	--	--	
11/15/1999	79.61	11.36	0.00	68.25	-0.52	--	--	--	--	--	--	--	--	
5/22/2000	79.61	11.19	0.00	68.42	0.17	--	--	--	--	--	--	--	--	
11/22/2000	79.61	11.36	0.00	68.25	-0.17	--	--	--	--	--	--	--	--	
5/15/2001	79.61	11.04	0.00	68.57	0.32	--	--	--	--	--	--	--	--	
11/23/2001	79.61	11.14	0.00	68.47	-0.10	--	--	--	--	--	--	--	--	
5/24/2002	79.61	10.69	0.00	68.92	0.45	--	--	--	--	--	--	--	--	
11/29/2002	79.61	11.23	0.00	68.38	-0.54	--	--	--	--	--	--	--	--	
5/15/2003	79.61	10.38	0.00	69.23	0.85	--	--	--	--	--	--	--	--	
11/4/2003	79.61	11.34	0.00	68.27	-0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.4	
5/24/2004	79.61	9.84	0.00	69.77	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.7	
11/29/2004	79.61	12.17	0.00	67.44	-2.33	--	64	0.68	ND<0.50	1.2	3.0	--	0.71	
6/24/2005	79.61	13.16	0.00	66.45	-0.99	--	53	ND<0.50	ND<0.50	0.13	0.42	--	ND<0.50	
12/15/2005	79.61	13.94	0.00	65.67	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2006	79.61	13.11	0.00	66.50	0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/21/2006	79.61	9.03	0.00	70.58	4.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/2007	79.61	11.75	0.00	67.86	-2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/13/2007	79.61	14.83	0.00	64.78	-3.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/9/2008	79.61	14.84	0.00	64.77	-0.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/2008	79.61	13.22	0.00	66.39	1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2009	79.61	10.55	0.00	69.06	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.55	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-12 continued</b>														
12/15/2009	79.61	9.33	0.00	70.28	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
6/28/2010	79.61	9.31	0.00	70.30	0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.97	
12/29/2010	79.61	9.51	0.00	70.10	-0.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.95	
<b>RW-1</b>														
2/24/1993	81.20	7.19	0.00	74.01	--	--	--	--	--	--	--	--	--	
5/12/1993	81.20	8.82	0.00	72.38	-1.63	--	--	--	--	--	--	--	--	
5/25/1993	81.20	8.58	0.00	72.62	0.24	--	--	--	--	--	--	--	--	
6/7/1993	80.63	8.16	0.00	72.47	-0.15	--	--	--	--	--	--	--	--	
6/23/1993	80.63	8.53	0.00	72.10	-0.37	--	--	--	--	--	--	--	--	
7/8/1993	80.63	8.69	0.00	71.94	-0.16	--	--	--	--	--	--	--	--	
8/11/1993	80.63	9.00	0.00	71.63	-0.31	--	--	--	--	--	--	--	--	
8/25/1993	80.63	9.07	0.00	71.56	-0.07	--	--	--	--	--	--	--	--	
9/8/1993	80.63	9.71	0.00	70.92	-0.64	--	--	--	--	--	--	--	--	
9/22/1993	80.63	9.25	0.00	71.38	0.46	--	--	--	--	--	--	--	--	
11/12/1993	80.63	9.00	--	71.63	0.25	--	--	--	--	--	--	--	--	
2/16/1994	80.63	7.82	0.00	72.81	1.18	--	--	--	--	--	--	--	--	
5/31/1994	80.63	8.81	0.00	71.82	-0.99	--	--	--	--	--	--	--	--	
8/31/1994	80.63	9.61	0.00	71.02	-0.80	--	--	--	--	--	--	--	--	
11/10/1994	80.63	6.34	0.00	74.29	3.27	--	--	--	--	--	--	--	--	
2/7/1995	80.63	7.18	0.00	73.45	-0.84	--	--	--	--	--	--	--	--	
3/14/1995	80.63	6.01	0.00	74.62	1.17	--	--	--	--	--	--	--	--	
11/7/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/15/2001	80.63	8.43	0.00	72.20	--	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>RW-1 continued</b>														
11/23/2001	80.63	8.57	0.00	72.06	-0.14	--	--	--	--	--	--	--	--	
12/10/2001	80.63	8.51	0.00	72.12	0.06	--	--	--	--	--	--	--	--	
1/14/2002	80.63	8.13	0.00	72.50	0.38	--	--	--	--	--	--	--	--	
2/22/2002	80.63	6.18	0.00	74.45	1.95	--	--	--	--	--	--	--	--	
3/11/2002	80.63	6.31	0.00	74.32	-0.13	--	--	--	--	--	--	--	--	
4/15/2002	80.63	6.39	0.00	74.24	-0.08	--	--	--	--	--	--	--	--	
5/24/2002	80.63	8.14	0.00	72.49	-1.75	--	--	--	--	--	--	--	--	
6/17/2002	80.63	8.18	0.00	72.45	-0.04	--	--	--	--	--	--	--	--	
7/15/2002	80.63	8.29	0.00	72.34	-0.11	--	--	--	--	--	--	--	--	
8/19/2002	80.63	8.44	0.00	72.19	-0.15	--	--	--	--	--	--	--	--	
9/5/2002	80.63	8.47	0.00	72.16	-0.03	--	--	--	--	--	--	--	--	
10/7/2002	80.63	8.43	0.00	72.20	0.04	--	--	--	--	--	--	--	--	
11/29/2002	80.63	8.92	0.00	71.71	-0.49	--	--	--	--	--	--	--	--	
12/12/2002	80.63	8.87	0.00	71.76	0.05	--	--	--	--	--	--	--	--	
1/6/2003	80.63	8.66	0.00	71.97	0.21	--	--	--	--	--	--	--	--	
2/12/2003	80.63	8.39	0.00	72.24	0.27	--	--	--	--	--	--	--	--	
3/13/2003	80.63	8.06	0.00	72.57	0.33	--	--	--	--	--	--	--	--	
4/7/2003	80.63	8.09	0.00	72.54	-0.03	--	--	--	--	--	--	--	--	
5/15/2003	80.63	8.07	0.00	72.56	0.02	--	--	--	--	--	--	--	--	
6/12/2003	80.63	8.11	0.00	72.52	-0.04	--	--	--	--	--	--	--	--	
7/7/2003	80.63	8.13	0.00	72.50	-0.02	--	--	--	--	--	--	--	--	
8/14/2003	80.63	8.23	0.00	72.40	-0.10	--	--	--	--	--	--	--	--	
9/12/2003	80.63	8.29	0.00	72.34	-0.06	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1989 Through December 2010**  
**76 Station 0746**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in water Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>RW-1 continued</b>														
11/4/2003	80.63	9.97	0.00	70.66	-1.68	--	2600	11	ND<10	ND<10	ND<20	--	210	
5/24/2004	80.63	8.31	0.00	72.32	1.66	--	3100	20	ND<5.0	16	ND<10	--	200	
11/29/2004	80.63	8.23	0.00	72.40	0.08	--	4500	46	ND<1.0	34	3.6	--	140	
6/24/2005	80.63	7.53	0.00	73.10	0.70	--	2000	20	0.87	50	3.0	--	56	
12/15/2005	80.63	8.11	0.00	72.52	-0.58	--	3300	37	0.70	35	4.7	--	44	
6/14/2006	80.63	7.41	0.00	73.22	0.70	--	1500	2.0	0.95	6.9	ND<1.0	--	21	
12/21/2006	80.63	7.78	0.00	72.85	-0.37	--	3100	21	0.65	56	5.4	--	27	
6/28/2007	80.63	9.09	0.00	71.54	-1.31	--	2800	46	0.96	44	2.6	--	65	
12/13/2007	80.63	9.21	0.00	71.42	-0.12	--	9100	190	2.1	400	81	--	30	
6/9/2008	80.63	9.30	0.00	71.33	-0.09	--	5400	23	ND<2.5	330	13	--	39	
12/30/2008	80.63	8.23	0.00	72.40	1.07	--	5800	130	ND<2.5	270	58	--	22	
9/28/2009	80.63	9.10	0.00	71.53	-0.87	--	3400	3.8	ND<2.5	23	5.0	--	21	
12/15/2009	80.63	7.96	0.00	72.67	1.14	--	9100	18	ND<2.5	450	160	--	ND<2.5	
6/28/2010	80.63	8.68	0.00	71.95	-0.72	--	2300	20	1.0	56	ND<1.0	--	5.6	
12/29/2010	80.63	6.04	0.00	74.59	2.64	--	4100	9.3	1.3	6.8	ND<1.0	--	1.6	

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-1</b>										
5/6/1996	--	--	--	--	--	--	--	--	4.13	5.21
11/5/1996	--	--	--	--	--	--	--	--	--	3.12
5/15/1997	--	--	--	--	--	--	--	--	--	3.92
11/12/1997	--	--	--	--	--	--	--	--	--	4.16
5/4/1998	--	--	--	--	--	--	--	--	--	3.84
11/11/1998	--	--	--	--	--	--	--	--	--	2.85
5/20/1999	ND	ND	--	--	--	ND	ND	ND	--	3.3
11/15/1999	ND	ND	--	--	--	ND	ND	ND	--	--
5/22/2000	130	ND	--	--	--	ND	ND	ND	--	--
11/22/2000	--	--	--	--	--	ND	ND	ND	--	--
5/15/2001	ND	ND	--	--	--	ND	ND	ND	--	--
11/23/2001	ND<57	ND<1400	ND<2.9	--	ND<2.9	ND<2.9	ND<2.9	ND<2.9	--	--
5/24/2002	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--
11/29/2002	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
5/15/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
11/4/2003	ND<200	ND<1000	--	--	--	ND<4.0	ND<4.0	ND<4.0	--	--
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled	TBA (µg/l)	Ethylene-dibromide						Post-purge Dissolved	Pre-purge Dissolved
		Ethanol (8260B) (µg/l)	(EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)		
<b>MW-1 continued</b>									
12/30/2008	--	ND<250	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
<b>MW-2</b>									
8/19/1995	--	--	--	--	--	--	--	2.77	--
5/15/1997	--	--	--	--	--	--	--	--	3.01
11/12/1997	--	--	--	--	--	--	--	--	3.27
5/4/1998	--	--	--	--	--	--	--	--	3.63
6/14/2006	--	ND<250	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
<b>MW-3</b>									
8/19/1995	--	--	--	--	--	--	--	2.06	--
11/7/1995	--	--	--	--	--	--	--	1.68	--
5/6/1996	--	--	--	--	--	--	--	3.4	3.18
11/5/1996	--	--	--	--	--	--	--	--	2.03
5/15/1997	--	--	--	--	--	--	--	--	3.08
5/4/1998	--	--	--	--	--	--	--	--	2.98

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-3 continued</b>										
11/11/1998	--	--	--	--	--	--	--	--	--	2.22
5/20/1999	--	--	--	--	--	--	--	--	--	2.6
5/22/2000	ND	ND	--	--	--	ND	ND	ND	--	--
11/22/2000	--	--	--	--	--	ND	ND	ND	--	--
5/15/2001	ND	ND	--	--	--	ND	ND	ND	--	--
11/23/2001	79	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
5/24/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
11/29/2002	ND<5000	ND<25000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--
5/15/2003	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
11/4/2003	ND<4000	ND<20000	--	--	--	ND<80	ND<80	ND<80	--	--
5/24/2004	190	ND<1000	ND<10	--	ND<10	ND<20	ND<10	ND<10	--	--
11/29/2004	--	ND<500	--	--	--	--	--	--	--	--
6/24/2005	--	ND<10000	--	--	--	--	--	--	--	--
12/15/2005	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
6/14/2006	--	ND<1200	--	--	--	--	--	--	--	--
12/21/2006	110	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<500	--	--	--	--	--	--	--	--
6/9/2008	--	ND<1200	--	--	--	--	--	--	--	--
9/28/2009	--	ND<1200	--	--	--	--	--	--	--	--
12/15/2009	--	ND<1200	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
<b>MW-4</b>										
8/19/1995	--	--	--	--	--	--	--	--	2.19	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge	Pre-purge
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (mg/l)
<b>MW-4 continued</b>										
11/7/1995	--	--	--	--	--	--	--	--	8.43	--
5/6/1996	--	--	--	--	--	--	--	--	5.97	3.75
11/5/1996	--	--	--	--	--	--	--	--	--	2.11
5/15/1997	--	--	--	--	--	--	--	--	--	3.24
11/12/1997	--	--	--	--	--	--	--	--	--	3.11
5/4/1998	--	--	--	--	--	--	--	--	--	3.73
11/11/1998	--	--	--	--	--	--	--	--	--	4.33
5/20/1999	--	--	--	--	--	--	--	--	--	3.9
5/24/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
11/29/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--
5/24/2004	--	ND<50	--	--	--	--	--	--	--	--
11/29/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--

**MW-5**

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-5 continued</b>										
8/19/1995	--	--	--	--	--	--	--	--	2.09	--
11/7/1995	--	--	--	--	--	--	--	--	1.79	--
5/6/1996	--	--	--	--	--	--	--	--	1.8	2.91
11/5/1996	--	--	--	--	--	--	--	--	--	1.85
5/15/1997	--	--	--	--	--	--	--	--	--	2.1
11/12/1997	--	--	--	--	--	--	--	--	--	1.98
5/4/1998	--	--	--	--	--	--	--	--	--	1.69
5/22/2000	ND	ND	--	--	--	ND	ND	ND	--	--
6/24/2005	--	ND<50000	--	--	--	--	--	--	--	--
12/15/2005	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
6/14/2006	--	ND<6200	--	--	--	--	--	--	--	--
12/21/2006	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
<b>MW-6</b>										
5/15/1997	--	--	--	--	--	--	--	--	--	2.9
5/4/1998	--	--	--	--	--	--	--	--	--	3.57
11/4/2003	ND<100	ND<500	--	--	--	ND<2.0	ND<2.0	ND<2.0	--	--
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	EDB (504) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-6 continued</b>										
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
<b>MW-7</b>										
5/15/1997	--	--	--	--	--	--	--	--	--	2.21
5/4/1998	--	--	--	--	--	--	--	--	--	3.09
11/4/2003	--	ND<500	--	--	--	--	--	--	--	--
5/24/2004	ND<5.0	ND<50	ND<0.5	--	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--
11/29/2004	--	ND<50	--	--	--	--	--	--	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
<b>MW-8</b>										
5/15/1997	--	--	--	--	--	--	--	--	--	2.88

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene- dibromide (EDB) ( $\mu\text{g/l}$ )	EDB (504) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-8 continued</b>										
5/20/1999	ND	ND	--	--	--	ND	ND	ND	--	3.55
11/15/1999	ND	ND	--	--	--	ND	ND	ND	--	--
11/4/2003	ND<200	ND<1000	--	--	--	ND<4.0	ND<4.0	ND<4.0	--	--
5/24/2004	ND<25	ND<250	ND<2.5	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--
11/29/2004	ND<100	ND<1000	ND<10	--	ND<10	ND<20	ND<10	ND<10	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	0.95	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	13	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
<b>MW-9</b>										
5/6/1996	--	--	--	--	--	--	--	--	3.25	4.23
11/5/1996	--	--	--	--	--	--	--	--	--	2.98
5/15/1997	--	--	--	--	--	--	--	--	--	3.04
11/12/1997	--	--	--	--	--	--	--	--	--	4.02
5/4/1998	--	--	--	--	--	--	--	--	--	3.41
11/11/1998	--	--	--	--	--	--	--	--	--	5.19
5/20/1999	--	--	--	--	--	--	--	--	--	4.46

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled	TBA (µg/l)	Ethylene-dibromide						Post-purge Dissolved	Pre-purge Dissolved
		Ethanol (8260B) (µg/l)	(EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)		
<b>MW-9 continued</b>									
5/24/2004	29	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--
11/29/2004	23	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--
12/15/2005	11	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--
12/21/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
<b>MW-10</b>									
5/15/1997	--	--	--	--	--	--	--	--	1.61
5/4/1998	--	--	--	--	--	--	--	--	2.85
11/4/2003	--	ND<500	--	--	--	--	--	--	--
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--
11/29/2004	6.1	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--
12/15/2005	--	ND<250	--	--	--	--	--	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--
12/21/2006	--	ND<250	--	--	--	--	--	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled	TBA ( $\mu\text{g/l}$ )	Ethylene-dibromide						Post-purge Dissolved	Pre-purge Dissolved
		Ethanol (8260B) ( $\mu\text{g/l}$ )	(EDB) ( $\mu\text{g/l}$ )	EDB (504) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )		
<b>MW-10 continued</b>									
12/13/2007	--	ND<250	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
<b>MW-11</b>									
5/15/1997	--	--	--	--	--	--	--	--	1.68
5/4/1998	--	--	--	--	--	--	--	--	2.94
5/20/1999	--	--	--	--	--	--	--	--	3.22
11/4/2003	--	ND<500	--	--	--	--	--	--	--
5/24/2004	--	ND<50	--	--	--	--	--	--	--
11/29/2004	--	ND<50	--	--	--	--	--	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--
12/15/2005	--	ND<250	--	--	--	--	--	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--
12/21/2006	--	ND<250	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
<b>MW-12</b>									
0746									

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled									Post-purge Dissolved	Pre-purge Dissolved
	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	EDB (504) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Oxygen (mg/l)	Oxygen (mg/l)
<b>MW-12 continued</b>										
5/15/1997	--	--	--	--	--	--	--	--	--	2.10
5/4/1998	--	--	--	--	--	--	--	--	--	3.41
11/4/2003	ND<100	ND<500	--	--	--	ND<2.0	ND<2.0	ND<2.0	--	--
5/24/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
11/29/2004	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	--	ND<250	--	--	--	--	--	--	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--
12/21/2006	--	ND<250	--	--	--	--	--	--	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<250	--	--	--	--	--	--	--	--
6/9/2008	--	ND<250	--	--	--	--	--	--	--	--
12/30/2008	--	ND<250	--	--	--	--	--	--	--	--
9/28/2009	--	ND<250	--	--	--	--	--	--	--	--
12/15/2009	--	ND<250	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
<b>RW-1</b>										
11/7/1995	--	--	--	--	--	--	--	--	2.13	--
11/4/2003	ND<2000	ND<10000	--	--	--	ND<40	ND<40	ND<40	--	--
5/24/2004	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--
11/29/2004	38	ND<100	ND<1.0	--	ND<1.0	ND<2.0	ND<1.0	1.3	--	--
6/24/2005	--	ND<1000	--	--	--	--	--	--	--	--
12/15/2005	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/14/2006	--	ND<250	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 0746**

Date Sampled	TBA ( $\mu\text{g/l}$ )							Post-purge Dissolved	Pre-purge Dissolved	
		Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene- dibromide (EDB) ( $\mu\text{g/l}$ )	EDB (504) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Oxygen (mg/l)	Oxygen (mg/l)
<b>RW-1 continued</b>										
12/21/2006	34	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
6/28/2007	--	ND<250	--	--	--	--	--	--	--	--
12/13/2007	--	ND<500	--	--	--	--	--	--	--	--
6/9/2008	--	ND<1200	--	--	--	--	--	--	--	--
12/30/2008	--	ND<1200	--	--	--	--	--	--	--	--
9/28/2009	--	ND<1200	--	--	--	--	--	--	--	--
12/15/2009	--	ND<1200	--	--	--	--	--	--	--	--
6/28/2010	--	ND<250	ND<0.50	--	ND<0.50	--	--	--	--	--
12/29/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--

**Table 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 Station 0746**

<u>DATE</u>	<u>MW-5</u>	<u>RW-1</u>
11/11/1998	0.00	0.00
2/22/1999	0.040	0.00
4/2/1999	0.070	0.00
5/4/1999	0.00	0.00
5/20/1999	0.00	0.00
6/29/1999	0.00	0.00
0729/99	0.00	0.00
8/24/1999	0.00	0.00
9/27/1999	0.00	0.00
10/28/1999	0.00	0.00
11/15/1999	0.00	0.00
12/20/1999	0.00	0.00
1/20/2000	0.00	0.00
2/26/2000	0.00	0.00
3/31/2000	0.00	0.00
4/13/2000	0.000	0.00
5/22/2000	0.00	0.00
11/22/2000	0.020	0.00
2/14/2001	0.060	0.00
3/28/2001	0.00	0.00
4/28/2001	0.00	0.00
5/15/2001	0.00	0.00
6/29/2001	0.00	0.00
7/17/2001	0.00	0.00
8/30/2001	0.000	0.00
9/24/2001	0.00	0.00
10/15/2001	0.030	0.00
11/23/2001	0.00	0.00
12/10/2001	0.000	0.00
1/14/2002	0.00	0.00
2/22/2002	0.00	0.00
3/11/2002	0.000	0.00
4/15/2002	0.00	0.00
5/24/2002	0.040	0.00
6/17/2002	0.040	0.00
7/15/2002	0.020	0.00
8/19/2002	0.050	0.00
9/5/2002	0.030	0.00
10/7/2002	0.020	0.00
11/29/2002	0.020	0.00
12/12/2002	0.010	0.00

**Table 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 Station 0746**

<u>DATE</u>	<u>MW-5</u>	<u>RW-1</u>
1/6/2003	0.010	0.00
2/12/2003	0.020	0.00
3/13/2003	0.020	0.00
4/7/2003	0.010	0.00
5/15/2003	0.030	0.00
6/12/2003	0.020	0.00
7/7/2003	0.010	0.00
8/14/2003	0.020	0.00
9/12/2003	0.020	0.00
10/15/2003	0.087	0.000
11/4/2003	0.043	0.000
11/21/2003	0.032	0.000
12/18/2003	0.024	0.000
1/7/2004	0.009	0.000
2/9/2004	0.010	0.010
3/24/2004	0.031	0.000
4/16/2004	0.000	0.000
5/24/2004	0.050	0.000
6/8/2004	0.049	0.000
7/2/2004	0.046	0.000
8/20/2004	0.080	0.000
9/17/2004	0.048	0.000
10/22/2004	0.024	0.000
11/29/2004	0.036	0.000
12/21/2004	0.010	0.000
1/24/2005	0.027	0.000
2/18/2005	0.020	0.000
3/18/2005	0.024	0.000
4/14/2005	0.010	0.000
5/17/2005	0.010	0.000
6/24/2005	0.000	0.000
7/14/2005	0.020	0.000
8/5/2005	0.050	0.000
9/16/2005	0.009	0.000
10/21/2005	0.000	0.000
11/22/2005	0.000	0.000
12/15/2005	0.000	0.000
1/19/2006	0.000	0.000
2/15/2006	0.000	0.000
3/25/2006	0.000	0.000
4/27/2006	0.000	0.000
5/25/2006	0.000	0.000
6/14/2006	0.000	0.000
7/3/2006	0.000	0.000

**Table 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 Station 0746**

<u>DATE</u>	<u>MW-5</u>	<u>RW-1</u>
8/10/2006	0.000	0.000
9/15/2006	0.027	0.000
10/27/2006	0.009	0.000
11/22/2006	0.017	0.000
12/21/2006	0.000	0.000
2/5/2007	0.010	0.000
2/20/2007	0.000	0.000
3/28/2007	0.000	0.000
4/30/2007	0.000	0.000
5/23/2007	0.073	0.000
6/28/2007	0.049	0.000
8/1/2007	0.000	0.000
8/27/2007	0.000	0.000
9/12/2007	0.040	0.000
10/16/2007	0.000	0.000
12/13/2007	0.029	0.000
1/29/2008	0.010	0.000
2/28/2008	0.020	0.000
3/21/2008	0.000	0.000
4/11/2008	0.058	0.000
5/21/2008	0.044	0.000
6/9/2008	0.029	0.000
7/18/2008	0.032	0.000
8/15/2008	0.024	0.000
9/24/2008	0.051	0.000
10/22/2008	0.044	0.000
11/26/2008	0.034	0.000
12/30/2008	0.022	0.000
1/23/2009	NA	0.000
3/27/2009	0.000	0.000
4/28/2009	0.102	0.000
5/28/2009	NA	NA
7/31/2009	0.034	0.000
8/21/2009	0.102	0.000
9/28/2009	0.017	0.000
10/26/2009	0.063	0.000
11/30/2009	0.075	0.000
12/15/2009	0.010	0.000
1/25/2010	0.003	0.000
2/26/2010	0.000	0.000
3/23/2010	0.010	0.000
4/22/2010	0.009	0.000
5/21/2010	0.117	0.000
6/28/2010	0.085	0.000
7/21/2010	0.040	0.000
8/18/2010	0.070	0.000
9/29/2010	0.030	0.000
10/18/2010	0.046	0.000
11/30/2010	0.058	0.000
12/29/2010	0.250	0.000

**Table 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 Station 0746**

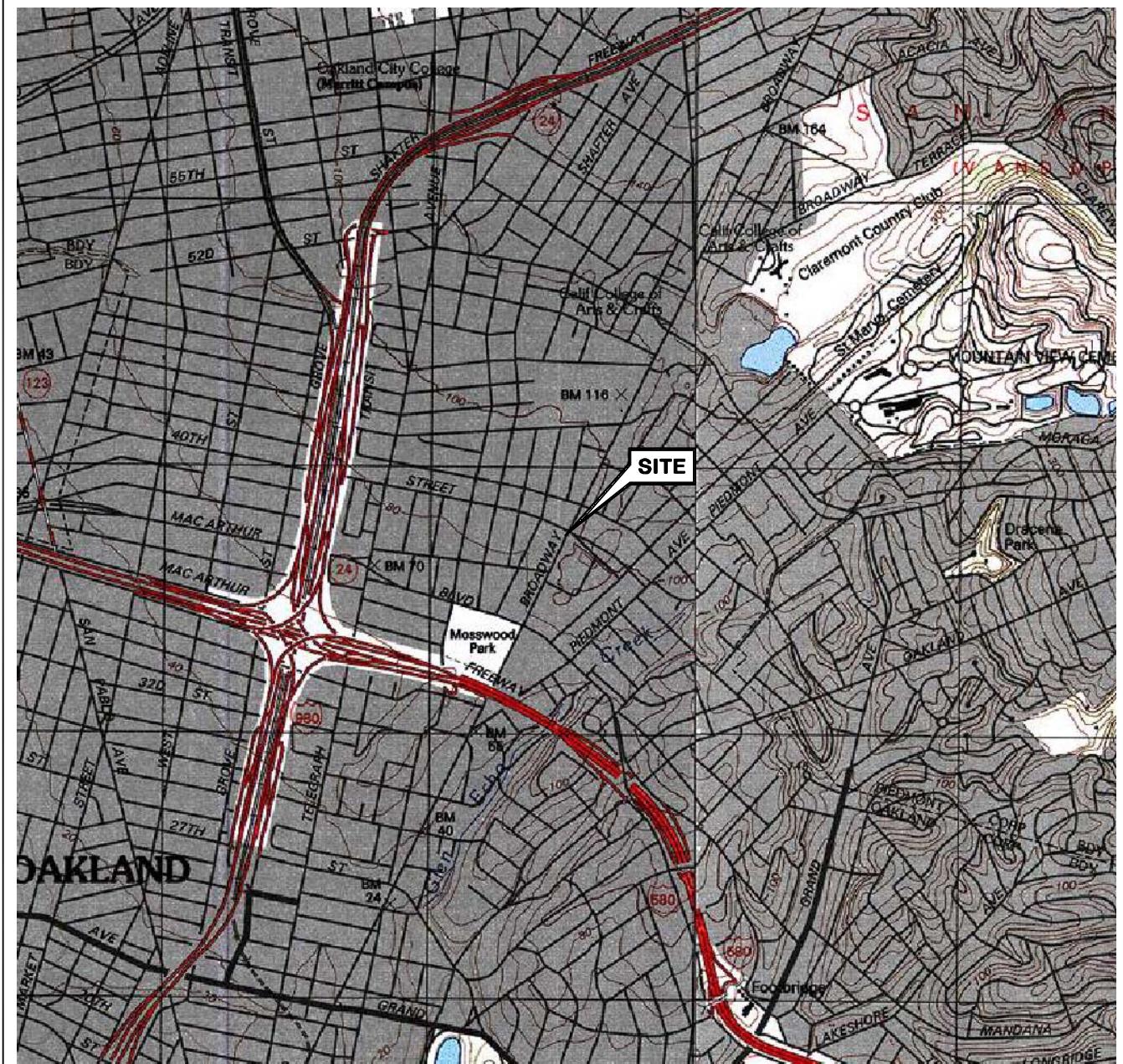
<u>DATE</u>	<u>MW-5</u>	<u>RW-1</u>
<b>Total LPH Removed</b> (gallons):	<b>3.101</b>	<b>0.010</b>

LPH removed for 2" casing well = (feet of product)(0.17 gallon/foot)

4" casing well = (feet of product)(0.67 gallon/foot)

6" casing well = (feet of product)(1.5 gallon/foot)

# FIGURES



0      1/4      1/2      3/4      1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Placerville Quadrangle



76 STATION 0746  
3943 BROADWAY  
OAKLAND, CALIFORNIA

VICINITY MAP

**FIGURE 1**

LEGEND

MW-12 Monitoring Well with Groundwater Elevation (feet)

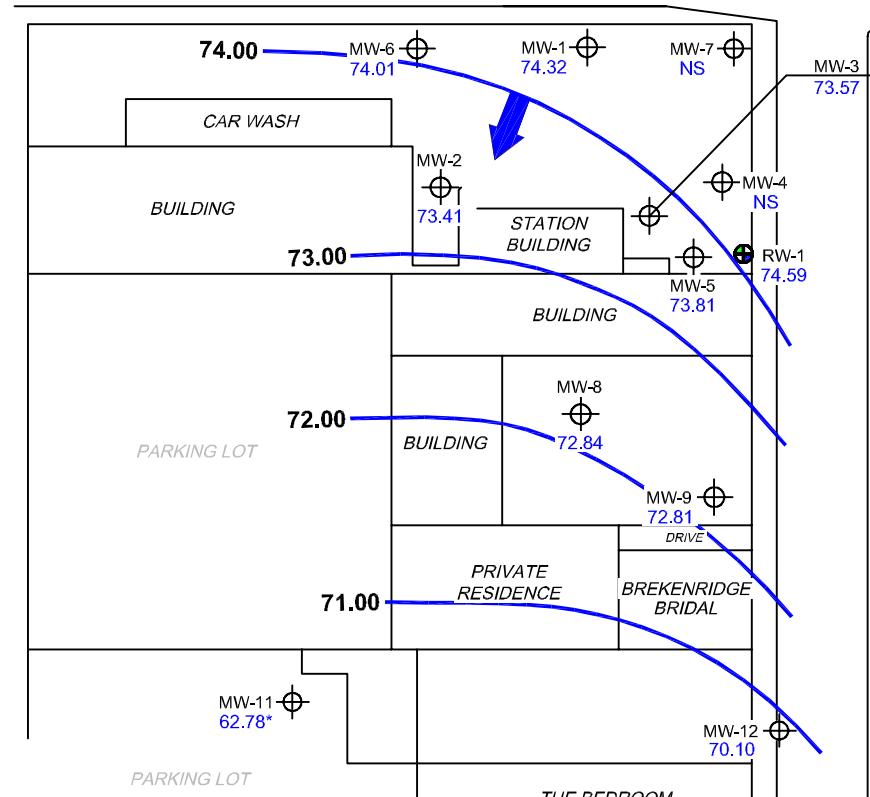
RW-1 Recovery Well

74.00 ————— Groundwater Elevation Contour

General Direction of Groundwater Flow

BUILDING | PARKING LOT | BUILDING

40TH STREET

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. \* = not included in groundwater contour interpretation.



PROJECT: 173845

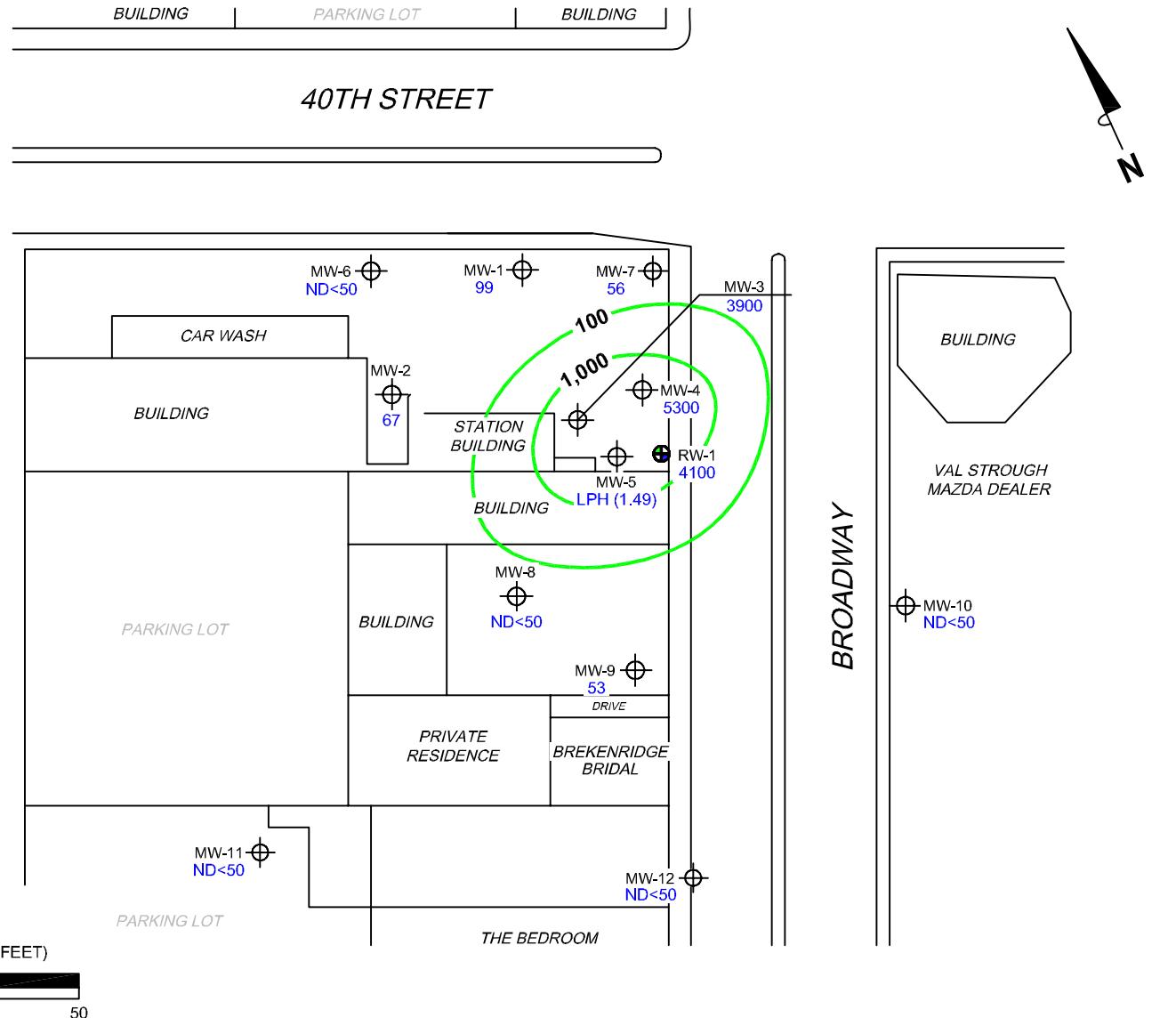
FACILITY:  
76 STATION 0746  
3943 BROADWAY  
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION  
CONTOUR MAP  
December 29, 2010

**FIGURE 2**

LEGEND

- MW-12 Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ ) or LPH Thickness (feet)
- RW-1 Recovery Well
- 1,000** Dissolved-Phase TPH-G Contour ( $\mu\text{g/l}$ )

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.

TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.

$\mu\text{g/l}$  = micrograms per liter. LPH = liquid-phase hydrocarbons. ND = not detected at limit indicated on official laboratory report.

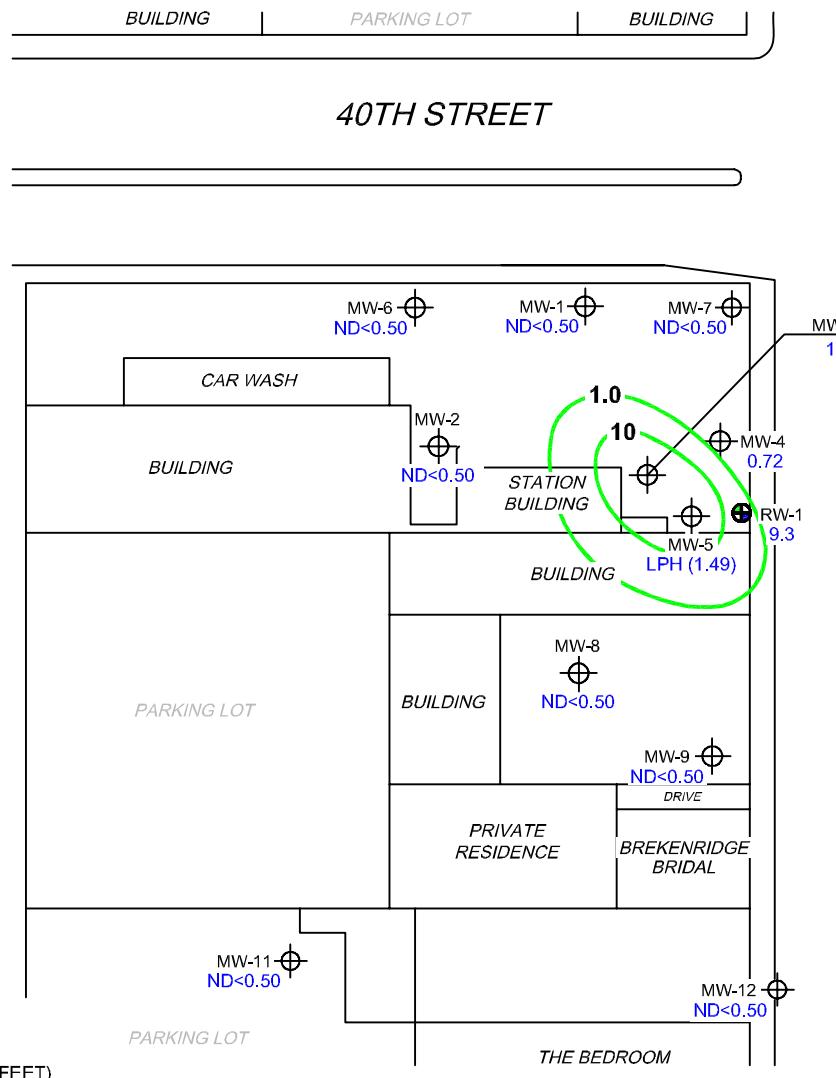
	PROJECT: 173845	DISSOLVED-PHASE TPH-G CONCENTRATION MAP December 29, 2010
	FACILITY: 76 STATION 0746 3943 BROADWAY OAKLAND, CALIFORNIA	
<b>FIGURE 3</b>		

LEGEND

MW-12 Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ ) or LPH Thickness (feet)

RW-1 Recovery Well

**10** Dissolved-Phase Benzene Contour ( $\mu\text{g/l}$ )

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 $\mu\text{g/l}$  = micrograms per liter. LPH = liquid-phase hydrocarbons. ND = not detected at limit indicated on official laboratory report.



PROJECT: 173845

FACILITY:  
76 STATION 0746  
3943 BROADWAY  
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP  
December 29, 2010

**FIGURE 4**

LEGEND

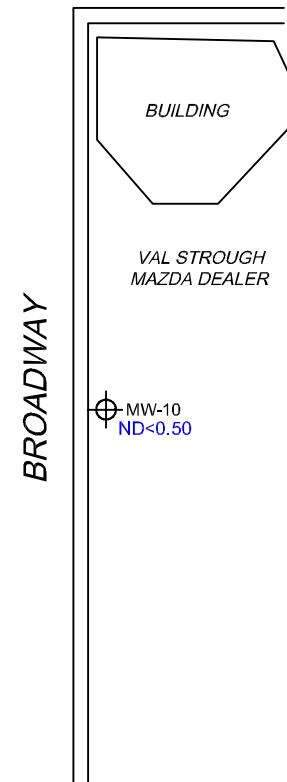
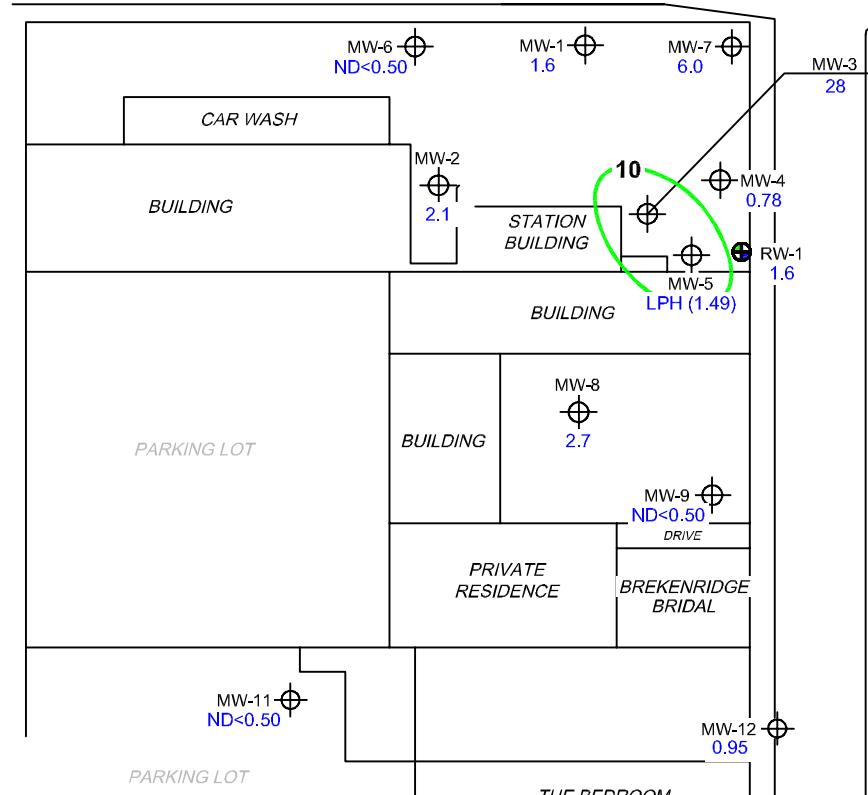
MW-12 Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ ) or LPH Thickness (feet)

RW-1 Recovery Well

**10** Dissolved-Phase MTBE Contour ( $\mu\text{g/l}$ )

BUILDING | PARKING LOT | BUILDING

40TH STREET



SCALE (FEET)  
0 50

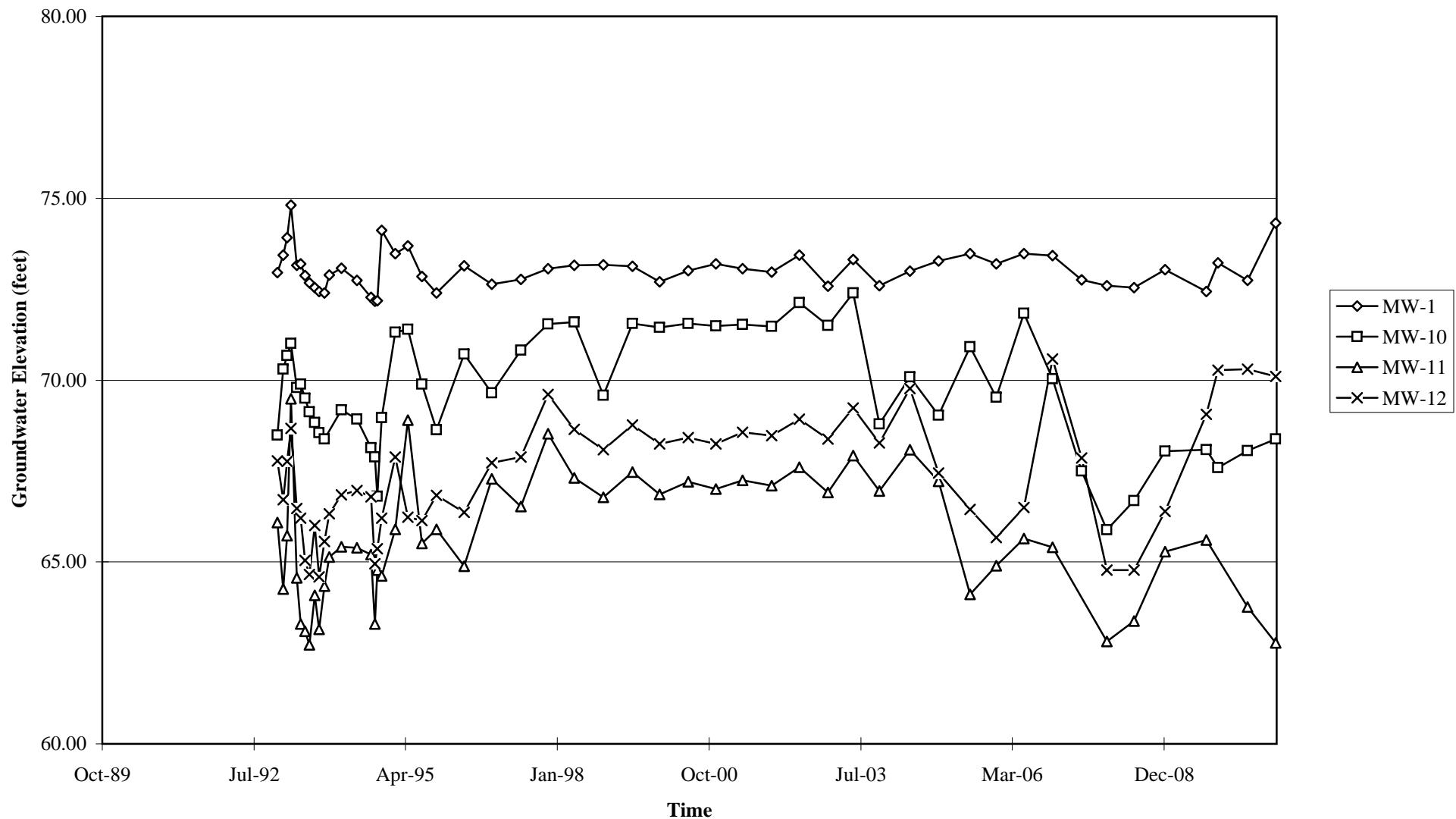
NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
MTBE = methyl tertiary butyl ether.  
 $\mu\text{g/l}$  = micrograms per liter. LPH = liquid-phase hydrocarbons. ND = not detected at limit indicated on official laboratory report. Results obtained using EPA Method 8260B.

	PROJECT: 173845	DISSOLVED-PHASE MTBE CONCENTRATION MAP December 29, 2010
	FACILITY: 76 STATION 0746 3943 BROADWAY OAKLAND, CALIFORNIA	
<b>FIGURE 5</b>		

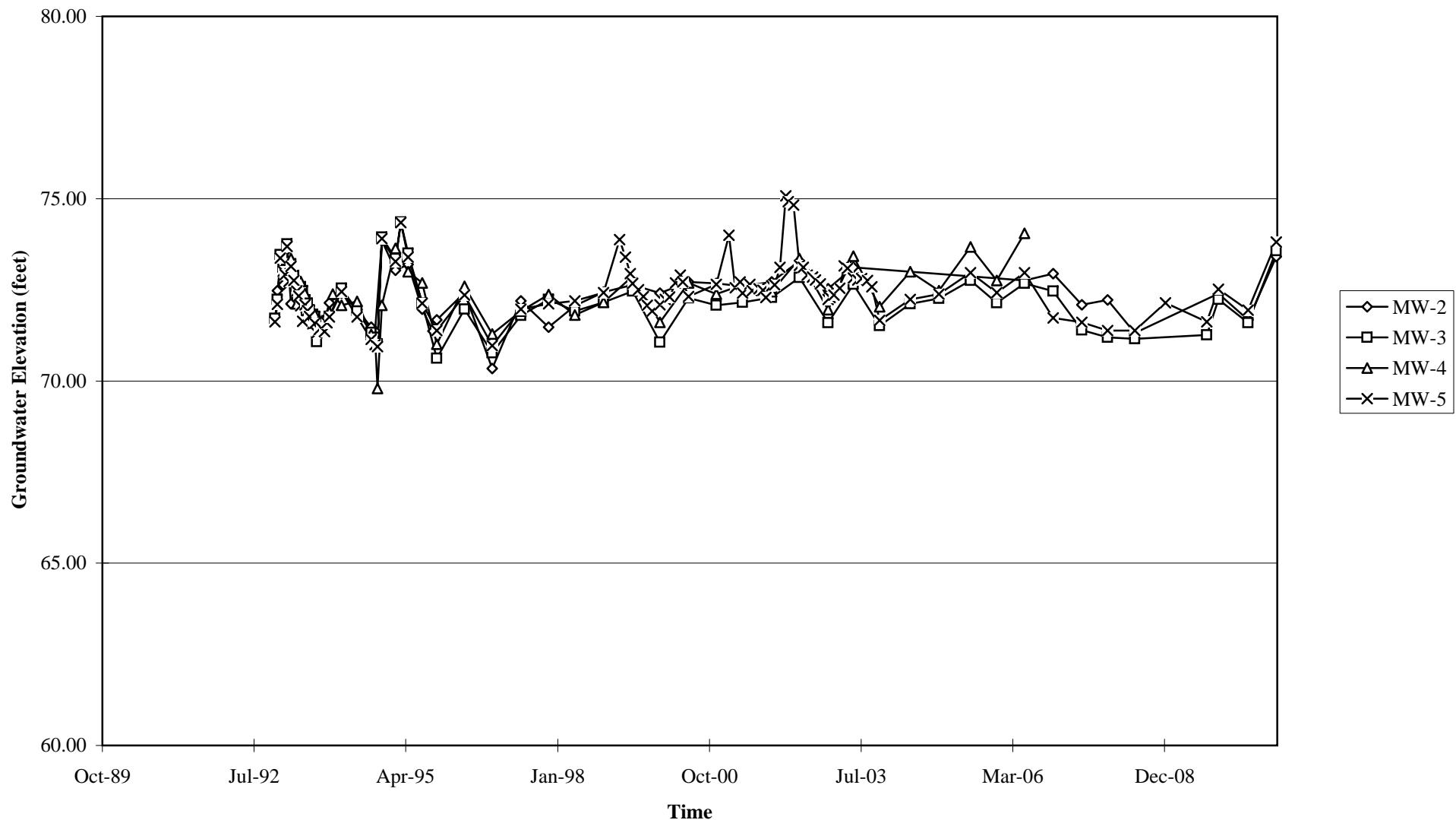
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 0746



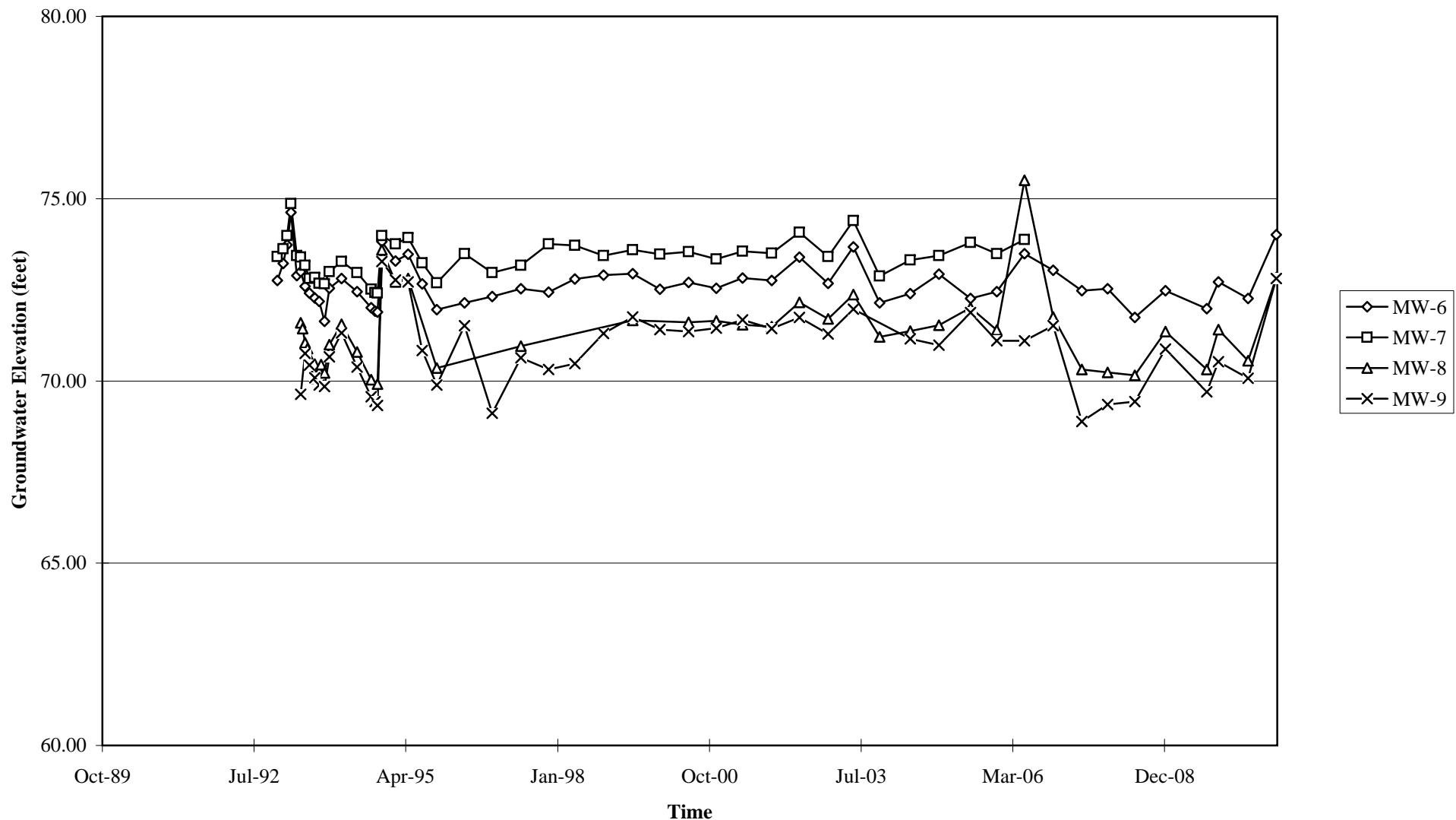
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 0746



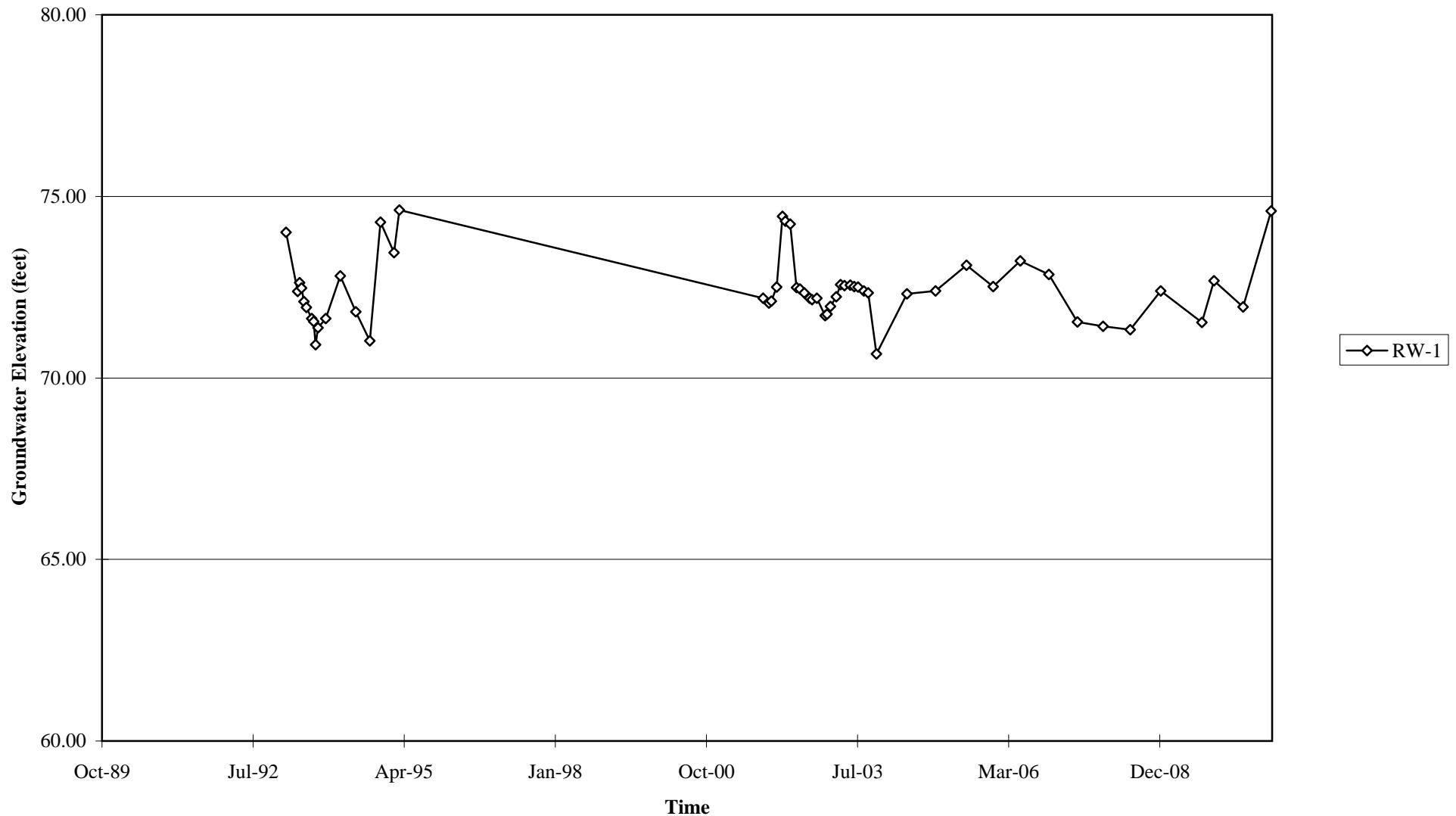
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 0746



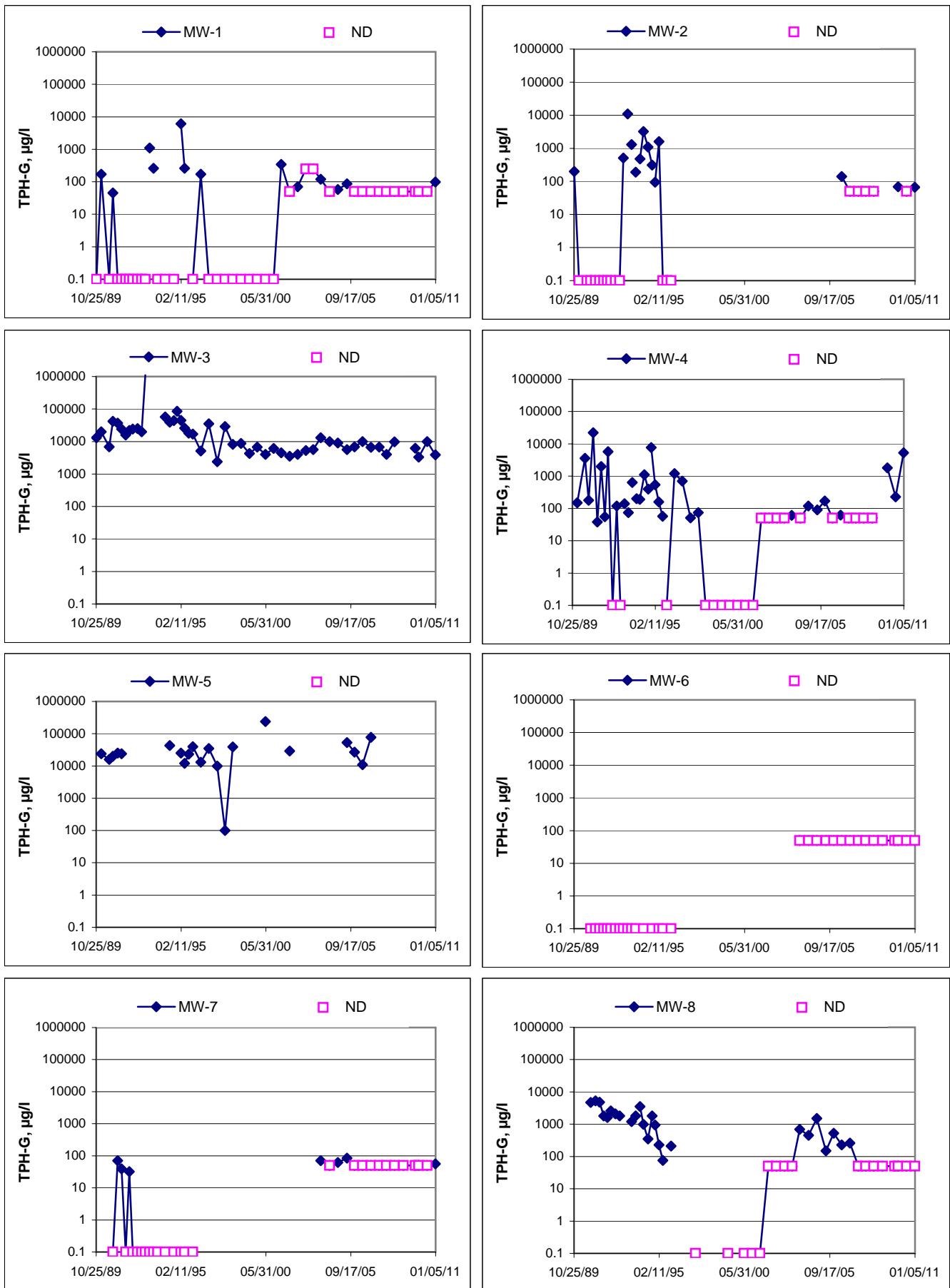
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 0746

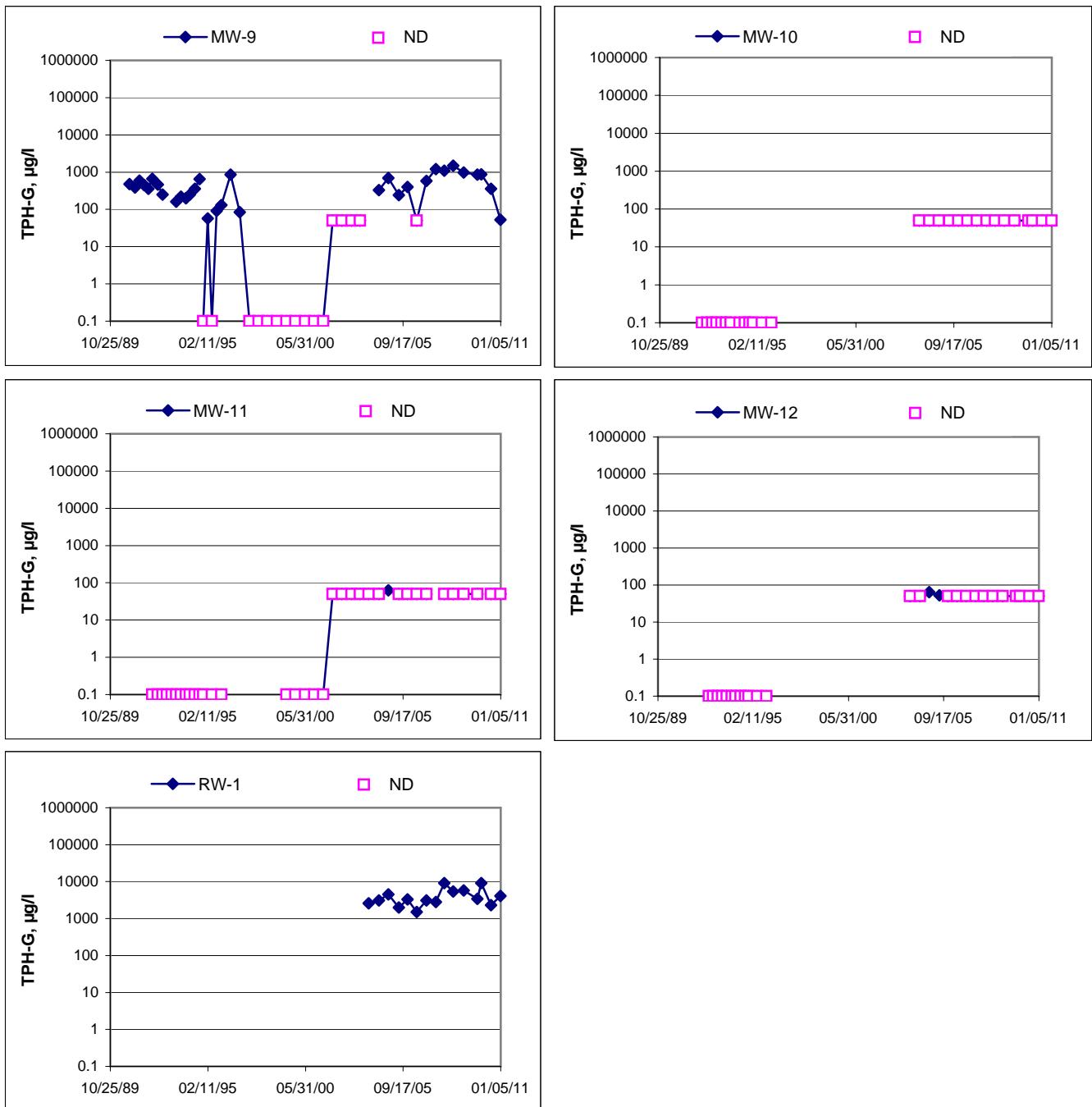


Elevations may have been corrected for apparent changes due to resurvey

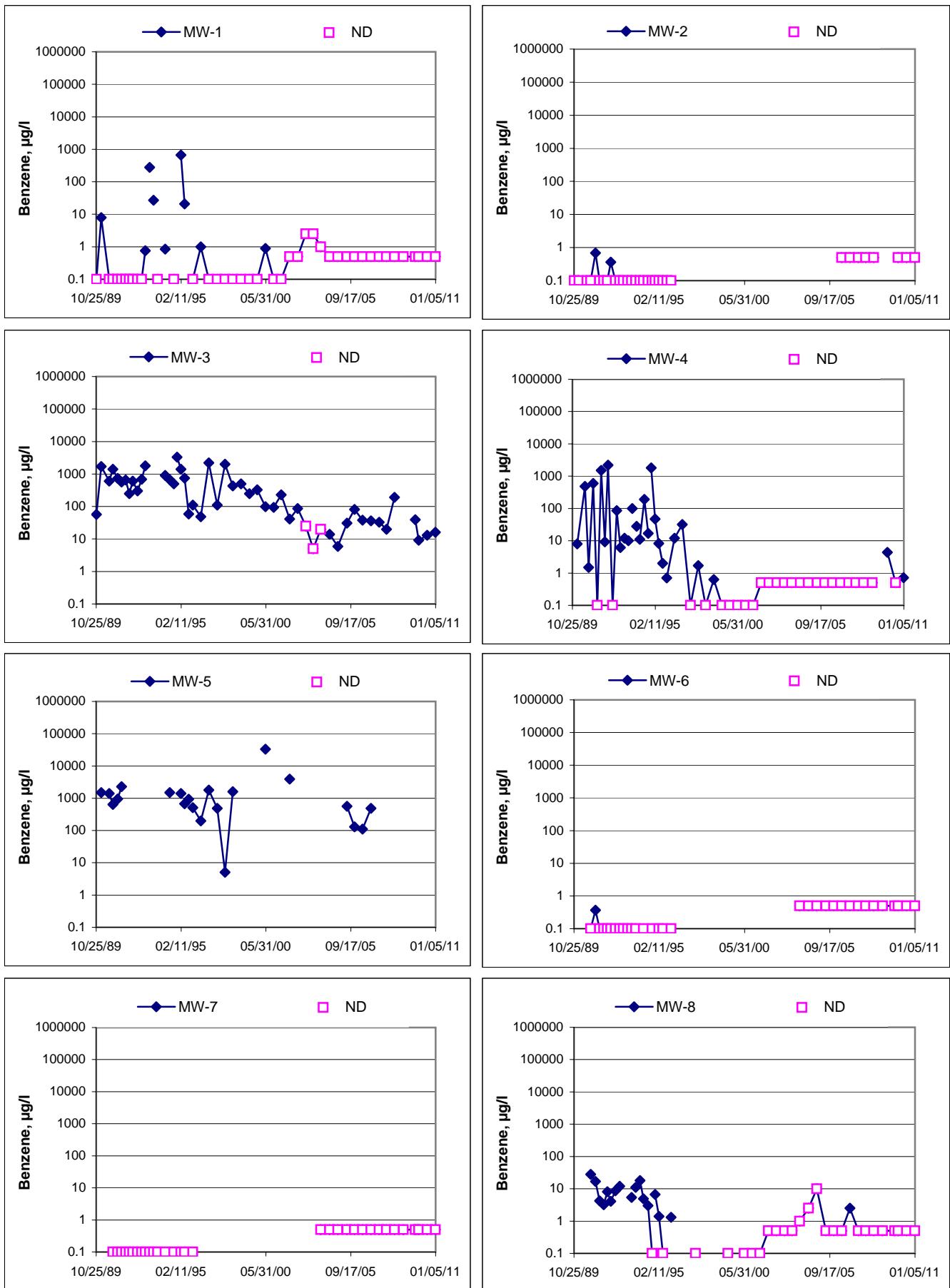
**TPH-G Concentrations vs Time**  
76 Station 0746



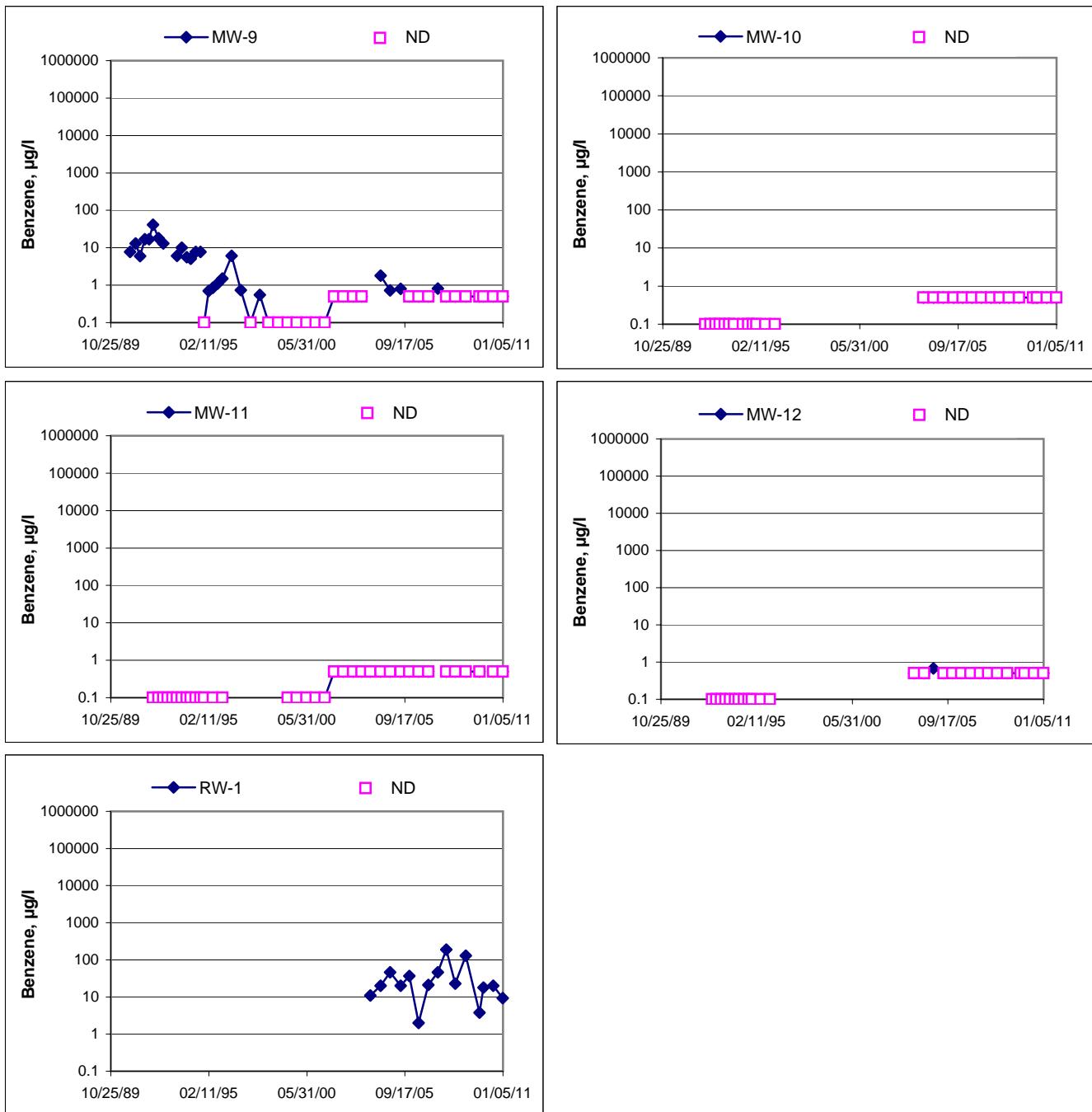
**TPH-G Concentrations vs Time**  
76 Station 0746



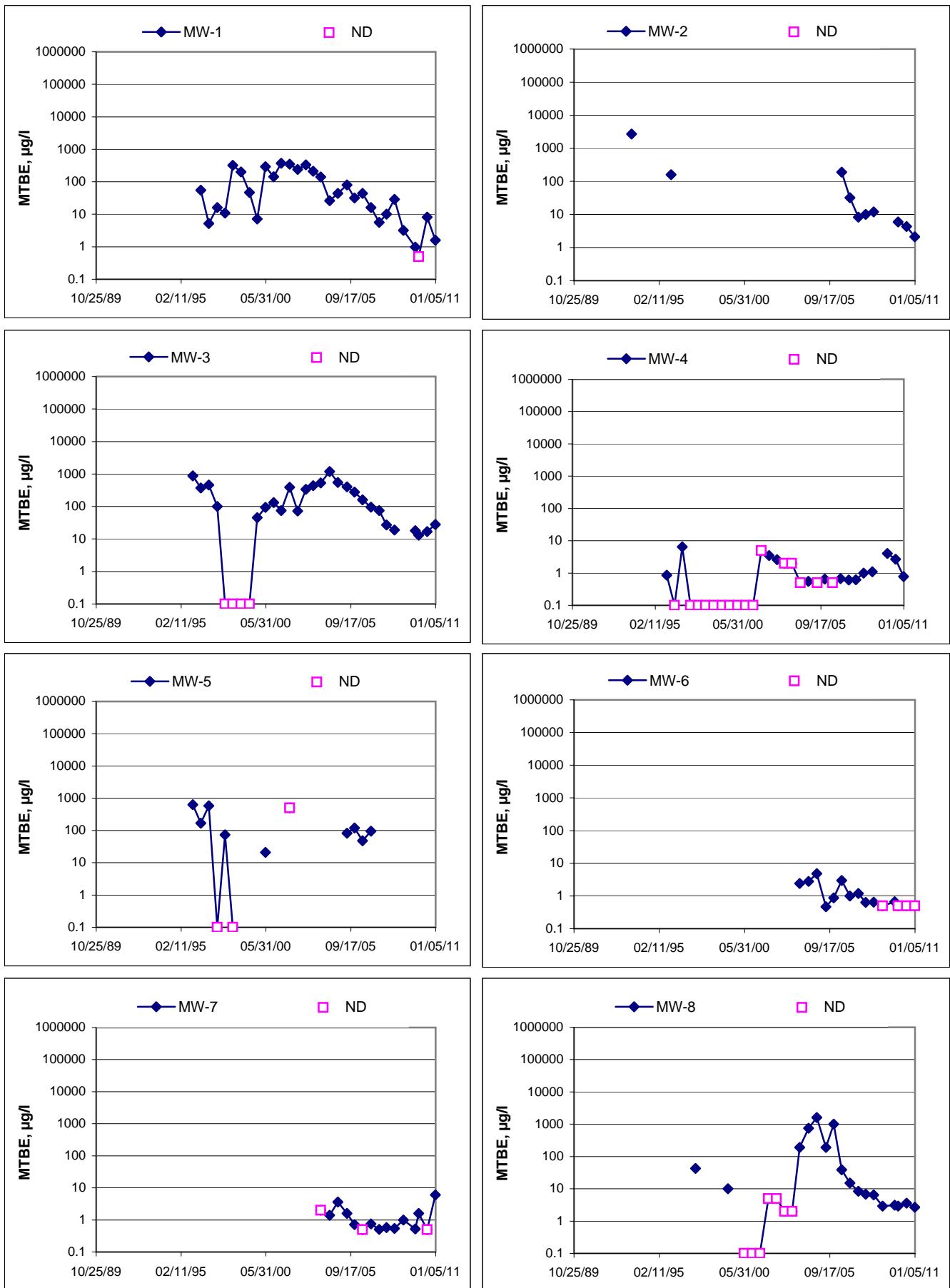
**Benzene Concentrations vs Time**  
76 Station 0746



**Benzene Concentrations vs Time**  
76 Station 0746

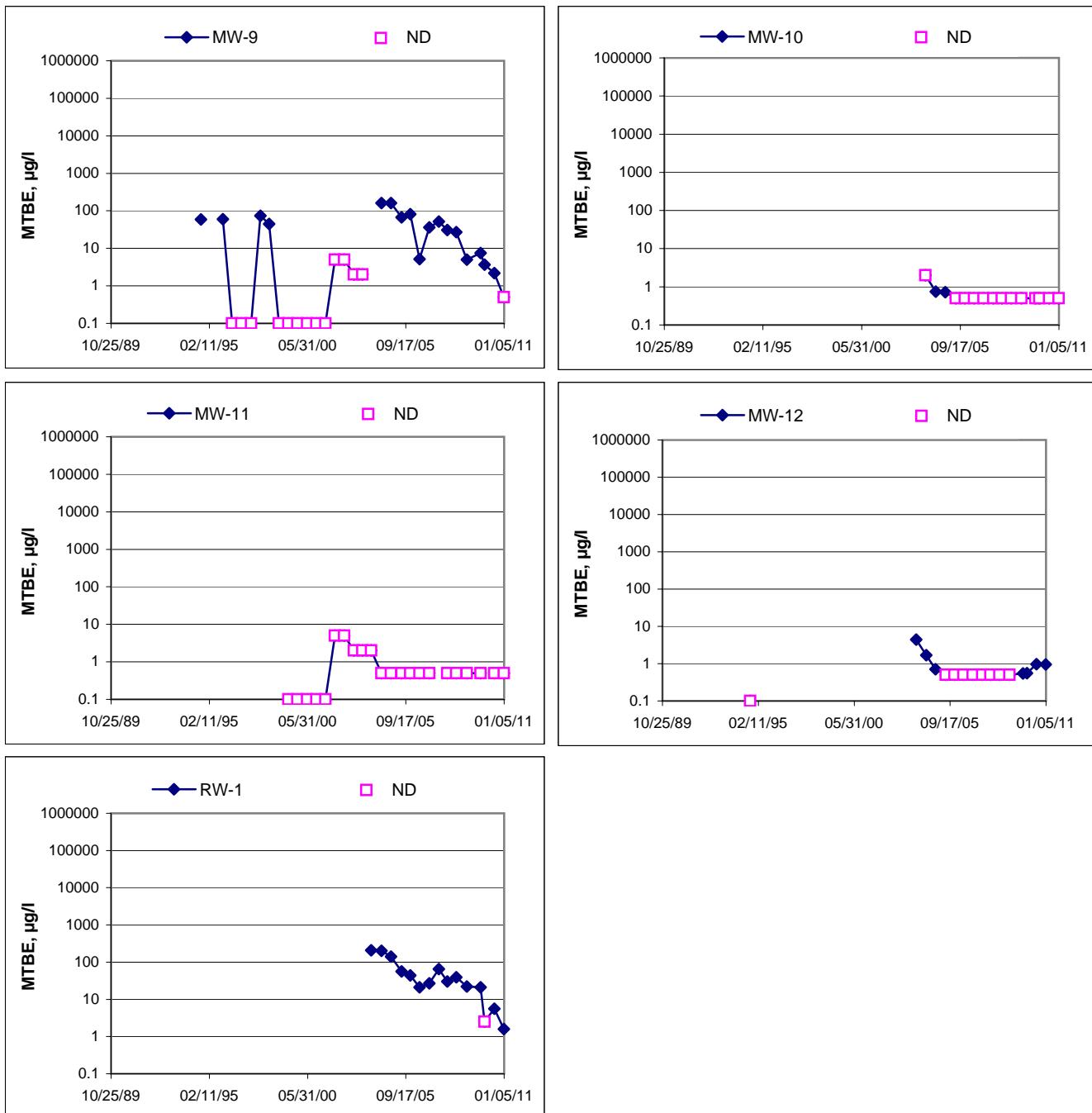


**MTBE Concentrations vs Time**  
76 Station 0746



### MTBE Concentrations vs Time

76 Station 0746



## GENERAL FIELD PROCEDURES

### **Groundwater Monitoring and Sampling Assignments**

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

### **Fluid Level Measurements**

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

### **Purging and Groundwater Parameter Measurement**

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

## **Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

## **Sequence of Gauging, Purging and Sampling**

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

## **Decontamination**

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

## **Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

## FIELD MONITORING DATA SHEET

Technician: JOE

Job #/Task #: 173845/FAC0

Date: 12/29/10

Site # 0746

**Project Manager** A. Collins

Page 1 of 2

FIELD DATA COMPLETE

QA/QC

COG

## ~~WELL BOX CONDITION SHEETS~~

## MANIFEST

## ~~DRUM INVENTORY~~

## TRAFFIC CONTROL



## FIELD MONITORING DATA SHEET

Technician: A. Vidders Job #/Task #: 173845 FA20 Date: 12/29/10  
Site #: 014h Project Manager A. Collins Page 2 of 2



# GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0746

Project No.: 173845

Date: 12/29/10

Well No. MW-10

Purge Method: DTA

Depth to Water (feet): 13.23

Depth to Product (feet):   

Total Depth (feet) 21.62

LPH & Water Recovered (gallons):   

Water Column (feet): 8.39

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 14.90

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0732			2	520.6	15.0	7.17			
			4	537.1	17.0	7.18			
0733			6	535.2	16.3	7.27			
Static at Time Sampled			Total Gallons Purged			Sample Time			
14.70			6			0741			
Comments: Dry AT 6 Gals Recharges quickly									

Well No. MW-11

Purge Method: DTA

Depth to Water (feet): 15.40

Depth to Product (feet):   

Total Depth (feet) 19.09

LPH & Water Recovered (gallons):   

Water Column (feet): 3.69

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.13

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0715			1	833.4	14.1	7.05			
0718			2	873.9	14.0	7.20			
			3	—	—	—			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.15			2			0930			
Comments: Dry AT 2 Gals. Did NOT recharge IN 2 HRS.									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0746

Project No.: 173845

Date: 12/29/10

Well No. MW-12

Depth to Water (feet): 9.51

Total Depth (feet) 17.51

Water Column (feet): 8.00

80% Recharge Depth(feet): 11.11

Purge Method: DIA

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0754			2	785.1	14.5	6.75			
0757			4	782.5	16.8	7.58			
0757.JL			6	—	—	—			
Static at Time Sampled									
14.30		Total Gallons Purged			Sample Time				
14.30		5			0957				
Comments: DRY AT 5 GALS. DID NOT RECHARGE IN 2 HRS.									

Well No. MW-8

Depth to Water (feet): 8.57

Total Depth (feet) 21.15

Water Column (feet): 12.58

80% Recharge Depth(feet): 11.08

Purge Method: DIA

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
1007			3	685.4	17.5	6.89			
			6	719.8	18.6	6.56			
1010			9	689.9	18.9	7.41			
Static at Time Sampled									
10.33		Total Gallons Purged			Sample Time				
10.33		9			1030				
Comments: DRY AT 9 GALS.									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0746

Project No.: 173845

Date: 12/29/10

Well No. MW-9

Depth to Water (feet): 7.72

Total Depth (feet) 21.32

Water Column (feet): 14.10

80% Recharge Depth(feet): 10.54

Purge Method: DIA

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
1018			3	334.7	15.9	6.65			
			6	354.7	17.9	7.12			
1021			9	320.6	18.1	7.64			
Static at Time Sampled			Total Gallons Purged			Sample Time			
8.89			9			1034			
Comments:									

Well No. RW-1

Purge Method: DIA

Depth to Water (feet): 6.04

Depth to Product (feet): —

Total Depth (feet) 16.02

LPH & Water Recovered (gallons): —

Water Column (feet): 9.98

Casing Diameter (Inches): 15

80% Recharge Depth(feet): 8.03

1 Well Volume (gallons): —

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0810	0815		15	509.1	15.0	6.67			
	0815		30	—	—	—			
			45	—	—	—			
Static at Time Sampled			Total Gallons Purged			Sample Time			
7.82			24			0945			
Comments: DRY AT 24 GALS. DID NOT RECHARGE IN 45 min.									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Waters

Site: 0746

Project No.: 173845

Date: 12/29/16

Well No. MW-7

Purge Method: Sub

Depth to Water (feet): 7.18

Depth to Product (feet):       

Total Depth (feet) 19.67

LPH & Water Recovered (gallons):       

Water Column (feet) 12.49

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.68

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0722			3	673.3	18.5	6.56			
			6	665.2	19.9	6.50			
0726			9	659.3	20.3	6.55			
Static at Time Sampled			Total Gallons Purged			Sample Time			
9.16			9			0730			
<b>Comments:</b>									

Well No. MW-6

Purge Method: Sub

Depth to Water (feet): 5.93

Depth to Product (feet):       

Total Depth (feet) 19.59

LPH & Water Recovered (gallons):       

Water Column (feet): 13.66

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.66

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0737			3	773.7	18.7	6.55			
			6	685.3	19.8	6.41			
			9	681.1	20.2	6.37			
			12	691.9	20.3	6.48			
Static at Time Sampled			Total Gallons Purged			Sample Time			
8.66			12			0747			
<b>Comments:</b>									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidmer

Site: 0146

Project No.: 173845

Date: 12/29/10

Well No. MW-4

Depth to Water (feet): 9.33

Purge Method: HB

Total Depth (feet) 19.80

Depth to Product (feet): —

Water Column (feet) 10.47

LPH & Water Recovered (gallons): —

80% Recharge Depth(feet): 11.42

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0701		2	881.1	19.2	6.69				
		4	927.1	19.6	6.59				
0713		6	963.5	19.9	6.50				
Static at Time Sampled			Total Gallons Purged			Sample Time			
11.22			5			0943			
<b>Comments:</b> Slow recovery									

Well No. MW-2

Purge Method: Sub

Depth to Water (feet): 7.91

Depth to Product (feet): —

Total Depth (feet) 19.82

LPH & Water Recovered (gallons): —

Water Column (feet): 11.91

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.29

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0757		3	531.1	17.2	6.51				
		6	528.2	18.1	6.48				
0801		9	543.9	18.4	6.51				
Static at Time Sampled			Total Gallons Purged			Sample Time			
10.29			9			0806			
<b>Comments:</b>									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidner

Site: 0146

Project No.: 173845

Date: 12/29/10

Well No. MW-1

Depth to Water (feet): 6.22

Purge Method: Sub

Total Depth (feet) 19.59

Depth to Product (feet): —

Water Column (feet): 13.37

LPH & Water Recovered (gallons): —

80% Recharge Depth(feet): 8.89

Casing Diameter (Inches): 2

3

1 Well Volume (gallons): —

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0815			3	609.3	18.2	6.44			
			6	613.2	18.9	6.42			
0819			9	614.2	19.5	6.43			
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.30			9			0823			
<b>Comments:</b>									

Well No. MW-3

Depth to Water (feet): 7.84

Purge Method: Sub

Total Depth (feet) 22.52

Depth to Product (feet): —

Water Column (feet): 14.68

LPH & Water Recovered (gallons): —

80% Recharge Depth(feet): 10.78

Casing Diameter (Inches): 2

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ( $\mu\text{S}/\text{cm}$ )	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
0843			3	745.1	18.3	6.44			
			6	798.1	19.2	6.41			
0847			9	773.0	19.5	6.50			
Static at Time Sampled			Total Gallons Purged			Sample Time			
9.22			9			0856			
<b>Comments:</b>									

# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746Project #: 173845Date: 12/29/10Technician: A. VidversPage #: 1 of 1**Monitoring Data Before Pump/Bail Out**

Well Number MW-5  
 Depth to Product 7.20  
 Depth to Water 8.69  
 Total Depth of Well 19.75  
 Feet of Total Fluid in Well 12.55  
 Thickness of Product (ft.) 1.49  
 Well Diameter (in.) 2  
 One Well Volume (gal.) 3

**Pump/Bail One Well Volume**

Water Recovered (gal.) 2.75  
 Product Recovered (gal.) 0.25  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge 5 minutes  
 Comments: Notified T. Johnson of product increase

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

- 1) Vac Truck  2) Properly Labeled Drums  3) Other  \_\_\_\_\_

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

## FIELD MONITORING DATA SHEET

Technician: D. Miller

Job #/Task #: 173845 2B2 0

Date: 7-21-10

Site # 0746

## **Project Manager**

Project Manager A. Collins

Page | of 1

# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 Project #: 173845 Date: 7-21-10

Technician: Baulis Page #: 1 of 1

## Monitoring Data Before Pump/Bail Out

Well Number MW-5  
 Depth to Product 9.70  
 Depth to Water 9.95  
 Total Depth of Well 19.75  
 Feet of Total Fluid in Well 10.05  
 Thickness of Product (ft.) .25  
 Well Diameter (in.) 2  
 One Well Volume (gal.) 2

## Pump/Bail One Well Volume

Water Recovered (gal.) 1.75  
 Product Recovered (gal.) 0.04  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge 5 min  
 Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

- 1) Vac Truck  2) Properly Labeled Drums  3) Other  \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
 THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

# FIELD MONITORING DATA SHEET

Technician: Rick Rodriguez Job #/Task #: 173845/FB20

Date: 8/18/10

**Site #** D746

**Project Manager** A. Collins

Page \_\_\_\_\_ of \_\_\_\_\_

# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746Project #: 173845/EPZDate: 8/18/16Technician: Rick RodriguezPage #: 1 of 1**Monitoring Data Before Pump/Bail Out**

Well Number JMW - 5  
 Depth to Product 9.80  
 Depth to Water 10.22  
 Total Depth of Well 19.75  
 Feet of Total Fluid in Well 9.95  
 Thickness of Product (ft.) 0.42  
 Well Diameter (in.) 2"  
 One Well Volume (gal.) 2

**Pump/Bail One Well Volume**

Water Recovered (gal.) 1.93  
 Product Recovered (gal.) 0.07  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge 5 MIN

Comments: \_\_\_\_\_

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) Vac Truck  2) Properly Labeled Drums  3) Other  \_\_\_\_\_

## FIELD MONITORING DATA SHEET

Technician: Banbury Job #/Task #: 173845 FAZD Date: 9-29-10  
Site #: 0746 Project Manager: A. Collins Page 1 of 1

**FIELD DATA COMPLETE**

QA/QC

COC

## WELL BOX CONDITION SHEETS

## MANIFEST

DRUM INVENTORY

TRAFFIC CONTROL

# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 Project #: 123845 Date: 9-29-10

Technician: Banks Page #: 1 of 1

## Monitoring Data Before Pump/Bail Out

Well Number WW-5  
 Depth to Product 10.10  
 Depth to Water 10.30  
 Total Depth of Well 19.75  
 Feet of Total Fluid in Well 9.65  
 Thickness of Product (ft.) 0.20  
 Well Diameter (in.) 2"  
 One Well Volume (gal.) 2

## Pump/Bail One Well Volume

Water Recovered (gal.) 1.97  
 Product Recovered (gal.) 0.03  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)  
 Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)  
 Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

- 1) Vac Truck  2) Properly Labeled Drums  3) Other  \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)  
 Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_  
 Depth to Product \_\_\_\_\_  
 Depth to Water \_\_\_\_\_  
 Total Depth of Well \_\_\_\_\_  
 Feet of Total Fluid in Well \_\_\_\_\_  
 Thickness of Product (ft.) \_\_\_\_\_  
 Well Diameter (in.) \_\_\_\_\_  
 One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_  
 Product Recovered (gal.) \_\_\_\_\_  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
 (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)  
 Time Required for Purge \_\_\_\_\_  
 Comments: \_\_\_\_\_

## FIELD MONITORING DATA SHEET

Technician: A. Vihler

Job #/Task #: 173845 FB20

Date: 10/18/10

**Site #** 6746

**Project Manager** A. Collins

Page 1 of 1

FIELD DATA COMPLETE

QA/QC

COC

## WELL BOX CONDITION SHEETS

MANIFEST

DRUM INVENTORY

## TRAFFIC CONTROL



# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746

Project #: 173845

Date: 10/18/10

Technician: A. Vidwers

Page #: 1 of 1

## Monitoring Data Before Pump/Bail Out

Well Number MW-5

Depth to Product 10.22

Depth to Water 10.49

Total Depth of Well 19.75

Feet of Total Fluid in Well 9.53

Thickness of Product (ft.) 0.27

Well Diameter (in.) 2

One Well Volume (gal.) 2

## Pump/Bail One Well Volume

Water Recovered (gal.) 1.9541

Product Recovered (gal.) 0.0459

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge 5 minutes

Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

## Monitoring Data Before Pump/Bail Out

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

## Pump/Bail One Well Volume

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments: \_\_\_\_\_

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) Vac Truck

2) Properly Labeled Drums

3) Other  \_\_\_\_\_



## FIELD MONITORING DATA SHEET

Technician: A. Wilhers

Job #/Task #: 173845 / F320

Date: 11/30/10

**Site #** 0746

Project Manager A. Collins

Page    of



# MANUAL PUMP/BAIL OUT SHEET

Site #: 0746Project #: 173845Date: 11/30/10Technician: A. VidensPage #: 1 of 1**Monitoring Data Before Pump/Bail Out**Well Number MW-5Depth to Product 4.37 Av 9.71Depth to Water 9.37Total Depth of Well 19.75Feet of Total Fluid in Well 10.38Thickness of Product (ft.) 0.34Well Diameter (in.) 2One Well Volume (gal.) 2**Pump/Bail One Well Volume**Water Recovered (gal.) 1.9422Product Recovered (gal.) 0.0578THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)Time Required for Purge 5 minutes

Comments:

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments:

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments:

**Monitoring Data Before Pump/Bail Out**

Well Number \_\_\_\_\_

Depth to Product \_\_\_\_\_

Depth to Water \_\_\_\_\_

Total Depth of Well \_\_\_\_\_

Feet of Total Fluid in Well \_\_\_\_\_

Thickness of Product (ft.) \_\_\_\_\_

Well Diameter (in.) \_\_\_\_\_

One Well Volume (gal.) \_\_\_\_\_

**Pump/Bail One Well Volume**

Water Recovered (gal.) \_\_\_\_\_

Product Recovered (gal.) \_\_\_\_\_

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR  
(0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge \_\_\_\_\_

Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

- 1) Vac Truck  2) Properly Labeled Drums  3) Other  \_\_\_\_\_





**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

Date of Report: 01/07/2011

Anju Farfan

TRC

123 Technology Drive  
Irvine, CA 92618

RE: 0746  
BC Work Order: 1100036  
Invoice ID: B092838

Enclosed are the results of analyses for samples received by the laboratory on 1/3/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Molly Meyers  
Client Service Rep



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*  
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## Chain of Custody and Cooler Receipt Form for 1100036 Page 1 of 4

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## BC LABORATORIES, INC.

4100 Atlas Court Bakersfield, CA 93308  
(661) 327-4911 FAX (661) 327-1918

## CHAIN OF CUSTODY

## Analysis Requested

				Turnaround Time Released		
				EDB/EBC 6 > 8260		
				TRH-G by GCIMS		
				ETHANOL by 8260B		
				BY 8260B		
				8260 full list w/oxygenates		
				TPH GASES by 8015M		
				BTEXMTBE by 8021B, Gases by 8015		
				SOILS		
Bill to: Conoco Phillips/ TRC	Consultant Firm: TRC	MATRIX (GIAH)	Ground-water (S)			
Address: 3493 Broadway	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	Soil (WW)	Soil (WW)			
City: Oakland	4-digit site#: 0746	Waste-water (SL)	Waste-water (SL)			
State: CA Zip:	Workorder # 01085-451294/1516	Sludge	Sludge			
Conoco Phillips Mgr: Bill Borgh	Sampler Name: JOE					
Lab#	Sample Description	Field Point Name	Date & Time Sampled			
-1	MW- 10	12/29/10 0741	3			
-2	MW- 11	0930				
-3	MW- 12	0957				
-4	MW- 8	1030				
-5	MW- 9	1034				
-6	RW- 1	0945				
Comments: Run 8 oxy's by 8260 on all 8260 MTBE hits GLOBAL ID: T0600101471				Relinquished by: (Signature) <i>Joe P. Sennet</i> Relinquished by: (Signature) <i>Ross Dickey</i> 13-11 Relinquished by: (Signature) <i>R. Reynolds</i> 13-11 2120	Received by: <i>Ross Dickey</i> Received by: <i>E. Chaynes</i> Received by: <i>R. Reynolds</i>	Date & Time 12-30-10 1200 Date & Time 1-3-11 1820 Date & Time 1/3/11 2120

BC

**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

## Chain of Custody and Cooler Receipt Form for 1100036 Page 2 of 4

**BC LABORATORIES, INC.**4100 Atlas Court Bakersfield, CA 93308  
(661) 327-4911 FAX (661) 327-1918**CHAIN OF CUSTODY****Analysis Requested**

			Turnaround Time Requested
			Turnaround Time Requested
Bill to:	Conoco Phillips/ TRC	Consultant Firm: TRC	
Address:		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City:		4-digit site#: 6746	
State: CA Zip:		Workorder # 01085-4512941516	
Conoco Phillips Mgr:	Bill Bergh	Project #: 173845	
Lab#	Sample Description	Field Point Name	Date & Time Sampled
7	MW-7		12/29/10 0730 3
8	MW-6		0747
9	MW-4		0943
10	MW-2		0906
11	MW-1		0823
12	MW-3		0856

Comments: Run 8 OX/S by 8260 on all 8260 MTBE wts.	Relinquished by: (Signature)	Received by:	Date & Time
GLOBAL ID: T0600101471	<i>Joe D. Scott</i>	Stored in refrigerator	12/29/10 1145
	Relinquished by: (Signature) <i>Ross Nickay</i>	Received by: Ross Nickay	Date & Time 12.30.10 1200
	Relinquished by: (Signature) <i>Ross Nickay</i>	Received by: R. Ruyas	Date & Time 1-3-11 1820
		R. Ruyas 1-3-11 2120	1/3/11 2120

BC

## Laboratories, Inc.

Environmental Testing Laboratory Since 1949

## Chain of Custody and Cooler Receipt Form for 1100036 Page 3 of 4

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/08	Page 1 Of 2				
Submission #: 11-00036										
SHIPPING INFORMATION			SHIPPING CONTAINER							
Federal Express <input type="checkbox"/>	UPS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____					
BC Lab Field Service <input checked="" type="checkbox"/>			Box <input type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals	Ice Chest <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>	Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments: _____							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emissivity: 0.95 Container: Diver Thermometer ID: 103 JWW 1-3-11	Date/Time 1-3-11 2125 Analyst Init JWW								
Temperature: A 2.8 °C / C 2.8 °C										
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL, TRAVEL BLANK	A3	A3	A3	A3	A3	A3	A3	A3	A3	
40ml VOA VIAL										
QT EPA 413.1, 413.2, 415.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VDA VIAL - 304										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 515										
QT EPA 515 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 612										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
31 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
Comments: _____										
Sample Numbering Completed By: JWW Date/Time: 1-3-11 221										
A = Actual / C = Corrected										

[H:\DOCS\WP\BLAB\\_DOC\FORMS\SAWREC1.WPD]

BC

## Laboratories, Inc.

Environmental Testing Laboratory Since 1949

## Chain of Custody and Cooler Receipt Form for 1100036 Page 4 of 4

BC LABORATORIES INC.		SAMPLE RECEIPT FORM		Rev. No. 12	06/24/01	Page 2 of 2				
Submission #: 11-00036										
SHIPPING INFORMATION			SHIPPING CONTAINER							
Federal Express <input type="checkbox"/>	UPS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____					
BC Lab Field Service <input checked="" type="checkbox"/>			Box <input type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals	Ice Chest <input type="checkbox"/>	Containers <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments: _____							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
COC Received YES <input type="checkbox"/> NO <input type="checkbox"/>	Emissivity: 0.95 Container: D46A Thermometer ID: 1163 400W 13-11	Date/Time 1-3-11 2125 Analyst Init JWW								
	Temperature: A 28 °C / C 28 °C									
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
TOT. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
10ml VOA VIAL TRAVEL BLANK	A3	A3								
40ml VOA VIAL										
QT EPA 113.1, 413.1, 115.1										
PT ODOOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL, 504										
QT EPA 508/608/808										
QT EPA 515, U150										
QT EPA 515										
QT EPX 515 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 801SM										
QT AMBER										
8 OZ JAR										
13 OZ JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_

Sample Numbering Completed By: JWW Date/Time: 1-3-11 221

A = Actual C = Corrected

H:\DOCS\WP\PLAB\DOCS\FORMS\54MREC2.MPD1



TRC  
123 Technology Drive  
Irvine, CA 92618

Reported: 01/07/2011 13:11  
Project: 0746  
Project Number: 4512941516  
Project Manager: Anju Farfan

## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1100036-01	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-10 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 07:41 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-10 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-02	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-11 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 09:30 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-11 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-03	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-12 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 09:57 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-12 Matrix: W Sample QC Type (SACode): CS Cooler ID:		



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## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1100036-04	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-8 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 10:30 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-8 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-05	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-9 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 10:34 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-9 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-06	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> RW-1 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 09:45 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): RW-1 Matrix: W Sample QC Type (SACode): CS Cooler ID:		



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## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1100036-07	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-7 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 07:30 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-7 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-08	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-6 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 07:47 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-6 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-09	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-4 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 09:43 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-4 Matrix: W Sample QC Type (SACode): CS Cooler ID:		



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## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1100036-10	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-2 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 08:06 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-2 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-11	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-1 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 08:23 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-1 Matrix: W Sample QC Type (SACode): CS Cooler ID:		
1100036-12	<b>COC Number:</b> --- <b>Project Number:</b> 0746 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-3 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 01/03/2011 21:20 <b>Sampling Date:</b> 12/29/2010 08:56 <b>Sample Depth:</b> --- <b>Lab Matrix:</b> Water <b>Sample Type:</b> Groundwater Delivery Work Order: Global ID: T0600101471 Location ID (FieldPoint): MW-3 Matrix: W Sample QC Type (SACode): CS Cooler ID:		



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-01	Client Sample Name:	0746, MW-10, 12/29/2010 7:41:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	95.2	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.8	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 06:10	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-02	Client Sample Name:	0746, MW-11, 12/29/2010 9:30:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	86.0	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 06:38	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-03	Client Sample Name:	0746, MW-12, 12/29/2010 9:57:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>0.95</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	92.7	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 07:07	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-04	Client Sample Name:	0746, MW-8, 12/29/2010 10:30:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>2.7</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	97.5	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.2	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 07:36	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-05	Client Sample Name:	0746, MW-9, 12/29/2010 10:34:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>53</b>	<b>ug/L</b>	<b>50</b>	<b>Luft-GC/MS</b>	<b>ND</b>		<b>1</b>
1,2-Dichloroethane-d4 (Surrogate)	95.7	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 08:04	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-06	Client Sample Name:	0746, RW-1, 12/29/2010 9:45:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	9.3	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	6.8	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	1.6	ug/L	0.50	EPA-8260	ND		1
Toluene	1.3	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>4100</b>	<b>ug/L</b>	<b>250</b>	<b>Luft-GC/MS</b>	<b>ND</b>	<b>A01</b>	<b>2</b>
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	91.5	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	113	%	88 - 110 (LCL - UCL)	EPA-8260		S09	1
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
			Date	Time				
1	EPA-8260	01/05/11	01/06/11	08:33	JCC	MS-V4	1	BUA0136
2	EPA-8260	01/05/11	01/06/11	16:52	JCC	MS-V4	5	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-07	Client Sample Name:	0746, MW-7, 12/29/2010 7:30:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>6.0</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>56</b>	<b>ug/L</b>	<b>50</b>	<b>Luft-GC/MS</b>	<b>ND</b>		1
1,2-Dichloroethane-d4 (Surrogate)	94.5	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	96.5	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 17:49	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-08	Client Sample Name:	0746, MW-6, 12/29/2010 7:47:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	95.3	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 18:18	JCC	MS-V4	1	BUA0136



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123 Technology Drive  
Irvine, CA 92618

Reported: 01/07/2011 13:11  
Project: 0746  
Project Number: 4512941516  
Project Manager: Anju Farfan

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-09	Client Sample Name: 0746, MW-4, 12/29/2010 9:43:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	0.72	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	35	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	0.78	ug/L	0.50	EPA-8260	ND		1
Toluene	0.55	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>5300</b>	ug/L	<b>250</b>	<b>Luft-GC/MS</b>	<b>ND</b>	<b>A01</b>	<b>2</b>
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	110	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	106	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
			Date	Time				
1	EPA-8260	01/05/11	01/06/11	18:47	JCC	MS-V4	1	BUA0136
2	EPA-8260	01/05/11	01/07/11	08:33	JCC	MS-V4	5	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-10	Client Sample Name:	0746, MW-2, 12/29/2010 8:06:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>2.1</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>67</b>	<b>ug/L</b>	<b>50</b>	<b>Luft-GC/MS</b>	<b>ND</b>		1
1,2-Dichloroethane-d4 (Surrogate)	88.6	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 20:13	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-11	Client Sample Name:	0746, MW-1, 12/29/2010 8:23:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>1.6</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>99</b>	<b>ug/L</b>	<b>50</b>	<b>Luft-GC/MS</b>	<b>ND</b>		1
1,2-Dichloroethane-d4 (Surrogate)	94.2	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	106	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.6	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	01/05/11	01/06/11 19:15	JCC	MS-V4	1	BUA0136



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1100036-12	Client Sample Name:	0746, MW-3, 12/29/2010 8:56:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	16	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	36	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	28	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	5.2	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>3900</b>	<b>ug/L</b>	<b>250</b>	<b>Luft-GC/MS</b>	<b>ND</b>	<b>A01</b>	<b>2</b>
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	108	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	122	%	86 - 115 (LCL - UCL)	EPA-8260		S09	1
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
			Date	Time				
1	EPA-8260	01/06/11	01/06/11	19:44	JCC	MS-V4	1	BUA0271
2	EPA-8260	01/06/11	01/07/11	09:01	JCC	MS-V4	5	BUA0271



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: BUA0136</b>						
Benzene	BUA0136-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUA0136-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUA0136-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUA0136-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUA0136-BLK1	ND	ug/L	0.50		
Toluene	BUA0136-BLK1	ND	ug/L	0.50		
Total Xylenes	BUA0136-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUA0136-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUA0136-BLK1	ND	ug/L	10		
Diisopropyl ether	BUA0136-BLK1	ND	ug/L	0.50		
Ethanol	BUA0136-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUA0136-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUA0136-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUA0136-BLK1	92.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUA0136-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUA0136-BLK1	96.3	%	86 - 115 (LCL - UCL)		
<b>QC Batch ID: BUA0271</b>						
Benzene	BUA0271-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUA0271-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUA0271-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUA0271-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUA0271-BLK1	ND	ug/L	0.50		
Toluene	BUA0271-BLK1	ND	ug/L	0.50		
Total Xylenes	BUA0271-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUA0271-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUA0271-BLK1	ND	ug/L	10		
Diisopropyl ether	BUA0271-BLK1	ND	ug/L	0.50		
Ethanol	BUA0271-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUA0271-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUA0271-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUA0271-BLK1	98.1	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUA0271-BLK1	103	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUA0271-BLK1	99.8	%	86 - 115 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		Lab Quals
							RPD	Percent Recovery	
<b>QC Batch ID: BUA0136</b>									
Benzene	BUA0136-BS1	LCS	27.850	25.000	ug/L	111		70 - 130	
Toluene	BUA0136-BS1	LCS	28.090	25.000	ug/L	112		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BUA0136-BS1	LCS	9.1100	10.000	ug/L	91.1		76 - 114	
Toluene-d8 (Surrogate)	BUA0136-BS1	LCS	10.370	10.000	ug/L	104		88 - 110	
4-Bromofluorobenzene (Surrogate)	BUA0136-BS1	LCS	10.230	10.000	ug/L	102		86 - 115	
<b>QC Batch ID: BUA0271</b>									
Benzene	BUA0271-BS1	LCS	29.980	25.000	ug/L	120		70 - 130	
Toluene	BUA0271-BS1	LCS	27.960	25.000	ug/L	112		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BUA0271-BS1	LCS	9.5600	10.000	ug/L	95.6		76 - 114	
Toluene-d8 (Surrogate)	BUA0271-BS1	LCS	10.410	10.000	ug/L	104		88 - 110	
4-Bromofluorobenzene (Surrogate)	BUA0271-BS1	LCS	10.330	10.000	ug/L	103		86 - 115	



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
<b>QC Batch ID: BUA0136</b>		Used client sample: N									
Benzene	MS	1016633-89	ND	30.780	25.000	ug/L		123		70 - 130	
	MSD	1016633-89	ND	30.660	25.000	ug/L	0.4	123	20	70 - 130	
Toluene	MS	1016633-89	ND	26.430	25.000	ug/L		106		70 - 130	
	MSD	1016633-89	ND	26.810	25.000	ug/L	1.4	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1016633-89	ND	8.9800	10.000	ug/L		89.8		76 - 114	
	MSD	1016633-89	ND	8.9800	10.000	ug/L	0	89.8		76 - 114	
Toluene-d8 (Surrogate)	MS	1016633-89	ND	10.170	10.000	ug/L		102		88 - 110	
	MSD	1016633-89	ND	10.310	10.000	ug/L	1.4	103		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1016633-89	ND	9.6300	10.000	ug/L		96.3		86 - 115	
	MSD	1016633-89	ND	9.8700	10.000	ug/L	2.5	98.7		86 - 115	
<b>QC Batch ID: BUA0271</b>		Used client sample: Y - Description: MW-1, 12/30/2010 04:20									
Benzene	MS	1018295-07	ND	32.150	25.000	ug/L		129		70 - 130	
	MSD	1018295-07	ND	31.590	25.000	ug/L	1.8	126	20	70 - 130	
Toluene	MS	1018295-07	ND	27.200	25.000	ug/L		109		70 - 130	
	MSD	1018295-07	ND	26.580	25.000	ug/L	2.3	106	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1018295-07	ND	9.2900	10.000	ug/L		92.9		76 - 114	
	MSD	1018295-07	ND	9.4000	10.000	ug/L	1.2	94.0		76 - 114	
Toluene-d8 (Surrogate)	MS	1018295-07	ND	10.680	10.000	ug/L		107		88 - 110	
	MSD	1018295-07	ND	10.610	10.000	ug/L	0.7	106		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1018295-07	ND	9.7700	10.000	ug/L		97.7		86 - 115	
	MSD	1018295-07	ND	10.150	10.000	ug/L	3.8	102		86 - 115	



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## Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling of monitoring wells is accumulated at TRC's groundwater monitoring field office at Concord, California, for transportation by a licensed carrier to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to Crosby and Overton, Inc. in Long Beach, California.

### **Limitations**

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.