



76 Broadway  
Sacramento, California 95818

**RECEIVED**

4:57 pm, Oct 29, 2010

Alameda County  
Environmental Health

October 25, 2010

Mr. Jerry Wickham  
Alameda County Health Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Re: 76 Service Station No. 7376  
4191 First Street  
Pleasanton, California

**RE: Third Quarter 2010 Groundwater Monitoring Report**

Dear Mr. Wickham,

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 contact me at (916) 558-7612.

Sincerely,

Bill Borgh  
Site Manager – Risk Management and Remediation

Attachment

October 28, 2010

Mr. Jerry Wickham  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502

**Re: Third Quarter 2010 Groundwater Monitoring Report**  
76 Service Station No. 7376  
4191 First Street  
Pleasanton, California  
RO# 0361



Dear Mr. Wickham:

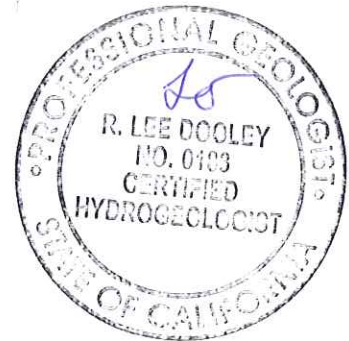
On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC's *Quarterly Monitoring Report - July through September 2010*, dated October 8, 2009 for the above site.

Please contact the undersigned at (408) 826-1871 if you have questions.

Sincerely,

**Delta Consultants**

A handwritten signature in blue ink that reads "Lee Dooley".



Lee Dooley  
Certified Hydrogeologist - Project Manager

Enclosure

cc: Mr. Bill Borgh - ConocoPhillips (electronic copy only)

## THIRD QUARTER 2010 SUMMARY REPORT

### INTRODUCTION

On September 10, 2010, TRC conducted a third quarter 2010 groundwater monitoring and sampling event at 76 Service Station No. 7376 (the site) on behalf of ConocoPhillips. The monitoring and sampling is conducted as part of site assessment and characterization activities.

### SITE DESCRIPTION

The site is currently an active 76 Service Station located on the northern corner of First Street and Ray Street in Pleasanton, California (**Figure 1, TRC, Quarterly Monitoring Report**). Current site facilities consist of a cashier's kiosk, four product dispenser islands and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs). There are currently 13 active groundwater-monitoring wells at and in the site vicinity (**Figure 2, TRC**). The site is bounded northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County, north and northeast by a commercial building, southeast by First Street, and southwest by Ray Street. There is an underground KinderMorgan petroleum pipeline presently located in the Alameda County property adjacent to the northwest edge of the site. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes. A Shell service station is located east of the site. The site is located at an approximate elevation of 366 feet above mean sea level.

### GEOLOGY AND HYDROGEOLOGY

The following sections are taken from Delta's Site Conceptual Model Report dated September 30, 2009.

The subject site is located near the southwest end of the Livermore Valley. The site is situated on a northern facing hill, and slopes slightly to the north. The Arroyo Valley stream is located approximately 1,100 feet to the north of the site. The site is underlain by Holocene age alluvial fan deposits, described by the Department of Water Resources (DWR) in Bulletin 118-3 as "unconsolidated, moderately sorted, permeable fine sand and silt, with gravel becoming more abundant toward fan heads with canyons." The site is approximately three miles east of the northwest trending Pleasanton Fault (USGS 2006). Holocene alluvial fan deposits under the site are underlain by the Livermore Formation, consisting of northward dipping sand and gravel deposits.

The site is located within the Amador Sub-basin of the Livermore Valley Groundwater Basin. Groundwater in the Amador sub-basin occurs in both unconfined and confined conditions. In the shallower, unconfined aquifers, groundwater is first encountered generally about 30 to 50 feet bgs. Deeper aquifers are encountered within sand and gravel deposits at a depth of approximately 90 to 100 feet bgs (DWR, 2003). A Zone 7 water district contour map shows groundwater flow in both confined and unconfined aquifers toward the gravel pits in the center of the sub-basin north of the site. A contour map from the Zone 7 Well Master Plan shows a flow within the "deeper aquifer" to the west. Sand and gravel pit groundwater extraction areas are located greater than one mile north of the site in the central portion of the sub-basin. The site appears to be outside the area of influence of any groundwater extraction wells.

The City of Pleasanton is served by the Zone 7 Water Agency. Based on information provided by personnel from the Zone 7 Water Agency, the City of Pleasanton obtains 80% of its water from the Hetch-Hetchy reservoir, the San Joaquin/Sacramento Delta and multiple deep-water wells located in the Fremont area. The remaining water is pumped from wells in Pleasanton that range in depth from 50-600 feet bgs (ACWD 1993-2006).

The site is underlain by complexly interlayered clay (Unified Soil Classification CL), silt (ML), silty sand (SM), clayey sand (SC), silty gravel (GM), sand (SP, SW), and gravel (GW). Contacts between soil types are often gradational. All soils contain various percentages of silt and sand. Soils have been combined into two units; generally fine grained, moderate to low permeability soils (clay, silt, with some clayey sand and clayey gravel) and generally coarse-grained, moderate to high permeable soils (sand, gravel, with some interlayered silt, silty sand, and silty gravel).

Soil layers appear to dip to the north-northeast at an angle of approximately 15 degrees. Groundwater was first encountered in borings drilled between 1996 and 1998 typically at a depths of approximately 65 to 75 feet below ground surface (bgs) (KEI 1996), (GR 1999). Perched groundwater was encountered in thin permeable sand and gravel beds at depths as shallow as 40 feet bgs. Saturated layers are separated by low permeability dipping clay and silt beds. Saturated beds appear to be confined or semi-confined.

As described and illustrated in Delta's Site Conceptual Model dated September 30, 2009, two saturated permeable layers are recognized and are designated A and B. Wells MW-5, MW-7, MW-8, and MW-9, appear to be screened across the upper of the two layers (A). Wells MW-1 (destroyed), MW-2B (destroyed), MW-1B, MW-2C, MW-3B, MW-6, and MW-10 appear to be screened in the lower of the units (B). Well MW-4 appears to be screened below the lowest of the two units (B). Depth to groundwater in wells MW-4 through MW-10 on June 22, 2009, ranged from 57.43 (MW-7) to 70.45 (MW-6) feet below top of casing. Groundwater flow was to the east. Groundwater levels in wells have risen by approximately 15 feet since late-2005 (see chart below). Seasonal fluctuations may be as great as 10 feet.

## **SITE BACKGROUND AND ACTIVITY**

The site was developed in 1899 as a warehouse to store grains and hay. According to a Sanborn map, an "in-ground" storage tank for oil was installed onsite in 1907. A service station was first constructed on the site in 1976. Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site. The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site.

June 1987: Three exploratory soil borings were advanced to depths ranging from 46.5 to 55 feet bgs. Soil samples contained low to moderate maximum concentrations of petroleum hydrocarbons. Groundwater was not encountered.

August 1987: One soil boring was advanced to a depth of 66.5 feet bgs. Low to moderate concentrations of petroleum hydrocarbons were detected in a soil sample collected at 35 feet bgs. Groundwater was not encountered.

December 1987: Three monitoring wells were installed to depths of 96.5 feet bgs. Maximum petroleum hydrocarbon concentrations in soil samples generally declined with increasing depth.

December 1987: Four 12,000-gallon underground storage tanks (USTs) were replaced with two 12,000-gallon double-walled USTs. An unknown volume of hydrocarbon-impacted soil was removed and transported to a Class I facility.

September 1994: A dispenser and product piping upgrade was conducted with confirmation sampling. Over-excavation was conducted in the area of two soil samples with elevated hydrocarbon concentrations.

February 1995: Monitoring well MW-2 was destroyed because asphalt tar had entered the well during repaving. The well was replaced by MW-2B. Soil boring EB-1 was advanced to a total depth of 66 feet bgs. Twenty-nine soil samples were collected during drilling and submitted for analysis.

July 1996: Three monitoring wells were installed to depths of 73.5 to 93 feet bgs. Two wells were installed offsite, in the former Southern Pacific Railroad right-of-way. A total of forty seven soil samples were collected from the well borings and analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and benzene, toluene, ethyl benzene and xylenes (BTEX). Fuel fingerprinting was also conducted. Petroleum hydrocarbon concentrations in the range of total petroleum hydrocarbons as diesel (TPH-D), kerosene, motor oil, and unidentified extractable hydrocarbons were also identified in the samples.

June 1997: Separate phase hydrocarbons (SPH) were identified in well MW-5 during quarterly monitoring activities.

December 1997: Entrix Inc. conducted a forensic geochemical analysis on SPH extracted from well MW-5. The SPH was probably composed of a mixture of over 50% refined gasoline and heavier hydrocarbons. The gasoline constituents appeared to be relatively fresh. The heavier hydrocarbon mixture had a carbon distribution ranging from about C13 to C33. This distribution is similar in nature to a very weathered crude oil or Bunker C fuel, not refined petroleum products such as diesel #2, motor oil, lube oil, etc.

June/August 1998: Five onsite soil borings were advanced and two offsite downgradient monitoring wells were installed. A total of forty soil samples were collected and analyzed for petroleum hydrocarbons. In addition, two soil samples containing visible SPH were collected from boring B-11 (onsite near the former UST excavation) at 10.5 and 61 feet bgs and submitted for hydrocarbon fingerprinting. The results of these analyses showed that the SPH from both samples was composed of approximately 90% highly to severely weathered semi-volatile and high boiling components identified as crude oil and 10% of slightly weathered gasoline.

October-November 2000: GR advanced one offsite soil boring (B-13) and advanced and installed two offsite groundwater monitoring wells (MW-9, MW-10). A total of twenty eight soil samples were collected from the soil and well borings and analyzed for TPH-G, BTEX, and methyl tertiary butyl ether (MTBE). Soil samples collected from well boring MW-9 between 16 and 60.5 feet and boring B-13 between 85.5 and 126 feet bgs were reported as non-detect for all analytes. Some soil samples collected from well boring MW-10 contained TPH-G, benzene, unidentified hydrocarbons with a carbon range of C6 to C12, and MTBE. Nine soil samples collected from boring B-13 between 7.5 and 73.5 feet bgs contained TPH-G, unidentified hydrocarbons with a carbon range of greater than C10, benzene, and MTBE. Grab groundwater samples were collected from each of the borings. Groundwater samples collected at 128.5 and 133 feet bgs from boring B-13 contained 150 and 620 ppb TPH-G, 17 and 53 ppb benzene, and 3.5 and 3.7 ppb MTBE, respectively. Groundwater sample G-1, collected from well boring MW-9 at 55 feet bgs, contained 66 ppb MTBE. The groundwater sample collected at 90 feet bgs from well boring MW-10 contained 34 ppb MTBE. The groundwater sample collected at 95 feet bgs from well boring MW-10 contained 230 ppb TPH-G and 54 ppb MTBE.

September 2001: Two offsite soil borings were drilled by GR and completed as groundwater monitoring wells MW-11 and MW-12. The wells were installed to total depths of approximately 86 and 88 feet bgs, respectively. Soil samples were reported as non-detect for all analytes. A grab groundwater sample collected from a perched groundwater zone at 40 feet bgs in well boring MW-12 was reported as non-detect for TPH-G, BTEX, and MTBE.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

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

February 2008: Seven CPT borings (CPT-1 through CPT-7) were advanced by Gregg Drilling and Testing under the oversight of Delta Consultants. Two boring locations (CPT-1 and CPT-2) were onsite. The other five boring locations (CPT-3 through CPT-7) were offsite. TPH was detected in four groundwater samples with a maximum concentration of 1,500 micrograms per liter. TPH-D was detected in five groundwater samples with a maximum concentration of 660 micrograms per liter.

June 2009: Delta oversaw the abandonment of wells MW-1, MW-2B, and MW-3, and replaced the wells as MW-1A, MW-2C, and MW-3A. Soil samples were collected for laboratory analysis from the boring for well MW-2C. TPH-G was detected in soil at a maximum concentration of 1,400 mg/kg at 20 feet.

September 9, 2009: Delta oversaw the re-surveying of all monitoring wells associated with the site.

On March 29<sup>th</sup> through April 7<sup>th</sup>, 2010, Gregg Drilling and Testing, under the supervision of Delta, installed two well clusters (CWA and CWB), two observation wells (OWA-1/2/3 and OWB-1/2/3) and one groundwater monitoring well (MW-13). Each well cluster consists of three individual soil vapor extraction wells spaced within five to seven feet of one another.

April 2010: Delta performed a 3-day soil vapor extraction test using recently installed well clusters.

## **SENSITIVE RECEPTORS**

Well surveys were performed in 2004 by Toxichem Management Systems, Inc and in 2005 by Delta. The 2004 survey identified 18 wells within a ½-mile radius. No field verifications were made during this survey. The surveys were performed on behalf of a Shell branded service station located at 4221 First Street, across first street from the site. Delta's 2005 survey identified a total of 14 wells within a one-mile radius. These well locations were field verified. The following excerpt is contained in Delta's *Site Conceptual Model* dated February 6, 2006:

*Well Survey – In May 2004, Toxichem Management Systems, Inc. (Toxichem) obtain information from the Zone 7 Water District (Zone 7) and the DWR. A copy of Toxichem's well survey map and summary table are attached. The nearest wells identified were a well of "unknown" use (3S/1E-21B) and a municipal well (3S/1E-21B1) both located approximately 900 feet northeast of the site. Toxichem was unable to locate either well in the field and concluded that they were likely abandoned. In November 2005, Delta observed an old water tower building near the location of the two wells. A municipal well (3S/1E-16P1) was identified to be located >1,200 feet north of the site. Again, Toxichem could not field locate the well.*

*In September 2005, Delta performed an additional well survey for the site area. A well location map was obtained from Zone 7. The map identified three wells approximately 1,000 feet northwest of the site (3S/1E-21C1, -21C3, and -21C4.) Well -21C1 was classified as a "supply well", -21C3 as "abandoned or unlocatable", and -21C4 as "other designated well." Delta was only able to field located Well -21C4. The well provides irrigation water for a small city park. Delta also located a similar well in Kottinger Park located approximately 800 feet east of the site.*

## MONITORING AND SAMPLING

Groundwater samples were collected on September 10, 2009 and analyzed for TPH-G by GC/MS; BTEX, MTBE, ethylene dibromide, and 1,2-dichloroethane by US Environmental Protection Agency (EPA) Method 8260B; TPH-D by Method 8015. Current and historic groundwater monitoring data is included in TRC report *Quarterly Monitoring Report, July through September 2010* dated October 8, 2010. The report also contains maps illustrating the distribution of petroleum hydrocarbons in groundwater.

There are currently 4 onsite and 9 offsite monitoring wells included in the sites quarterly monitoring and sampling program. Wells MW-1B, MW-2C, MW-3B, MW-5, and MW-13 are sampled quarterly and wells MW-4, MW-6 through MW-12 are sampled semi-annually during the second and fourth quarters. On September 10<sup>th</sup>, 2009 all wells were gauged. Only wells MW-1B, MW-5, and MW-13 were sampled, as MW-2C and MW-3B were dry. Groundwater was measured between 65.90 (MW-98) and 82.43 (MW-10) feet below top of casing (TOC). Groundwater flow was reported southwest and east at gradients of 0.05 feet per foot (ft/ft) and 0.10 ft/ft, respectively.

Dissolved petroleum hydrocarbons remain concentrated in the area of well MW-5. The groundwater sample from well MW-5 contained 17,000 µg/L TPH-G, 16,000 µg/L TPH-D, 2,300 µg/L benzene, and 3,500 µg/L MTBE. The newly installed well MW-13 appears to be near the leading edge of the eastward moving groundwater plume. TPH-G, TPH-D, and BTEX were all below the laboratory reporting limit. MTBE was detected at 4.3 µg/L.

## Remediation Status

Remediation is not currently being conducted at the site. Bi-monthly liquid-phase hydrocarbon (LPH) gauging and recovery from well MW-5 were implemented in the Second Quarter 2006. During 2006, approximately 0.14 gallons of LPH were recovered from MW-5. No LPH has been reported in MW-5 since December 2006.

Delta conducted a three day SVE pilot test at ConocoPhillips Site No 7376 on April 20<sup>th</sup> through April 21<sup>st</sup>, 2010. The purpose of this test, as outlined in the approved Work Plan dated December 16, 2009, was to determine the feasibility of using SVE to address the vadose zone impacts that exist onsite and offsite and to collect performance data in support of a potential remedial system design. Test results are contained in Delta's report titled *Corrective Action Plan (CAP)* dated July 7, 2010.

ACEHSA, in a letter dated August 4, 2010, requested revisions to the CAP. Delta, on September 30, 2010, submitted a *Revised Corrective Action Plan (CAP)* for the site. The CAP proposed use of closely spaced soil vapor extraction well clusters to remove petroleum hydrocarbons from the vadose zone and groundwater extraction wells to remove impacted water from the saturated zone. In a letter dated October 19, 2010, the ACHCSA provided technical comments. They requested that the comments be addressed in a Remedial Action Plan (RAP) that includes engineering plans and drawings for the remedial system. The RAP is due December 20, 2010.

## THIS QUARTER ACTIVITIES (Third Quarter 2010)

- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on September 10, 2009
- TRC Prepared *Quarterly Monitoring Report July through September 2009*, dated October 8, 2009

- Delta submitted a *Revised Corrective Action Plan* dated September 30, 2010.

**NEXT QUARTER ACTIVITIES (Fourth Quarter 2009)**

- TRC will conduct the fourth quarter 2010 semi-annual groundwater monitoring and sampling event and will prepare a monitoring report due January 18, 2010.
- Delta prepared and submitted a Remedial Action Plan by December 20, 2010.

**CONSULTANT:      Delta Consultants**





123 Technology Drive West  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

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

DATE: October 8, 2010

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA

RE: GROUNDWATER MONITORING REPORT  
JULY THROUGH SEPTEMBER 2010

Dear Mr. Borgh,

Please find enclosed our Groundwater Monitoring Report for 76 Station 7376, located at 4191 First Street, Pleasanton, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

A handwritten signature in black ink, appearing to read "Anju Farfan", is written over a circular stamp that contains the letters "TRC".

Anju Farfan  
Groundwater Program Operations Manager

CC: Mr. Lee Dooley, Delta Consultants (3 copies)

Enclosures  
20-0400/7376R28.QMS

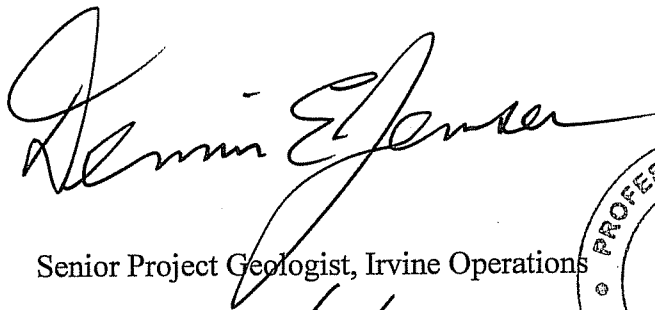
**GROUNDWATER MONITORING REPORT  
JULY THROUGH SEPTEMBER 2010**

76 STATION 7376  
4191 First Street  
Pleasanton, California

Prepared For:

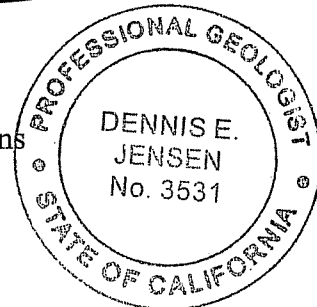
Mr. Bill Borgh  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 10/8/10



## LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	<p>Table Key</p> <p>Contents of Tables</p> <p>Table 1: Current Fluid Levels and Selected Analytical Results</p> <p>Table 1a: Additional Current Analytical Results</p> <p>Table 2: Historic Fluid Levels and Selected Analytical Results</p> <p>Table 2a-m: Additional Historic Analytical Results</p> <p>Table 3: Liquid Phase Hydrocarbon Recovery Data</p> <p>Table 4: Fuel Fingerprint Results</p>
Figures	<p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G Concentration Map</p> <p>Figure 4: Dissolved-Phase Benzene Concentration Map</p> <p>Figure 5: Dissolved-Phase MTBE Concentration Map</p>
Graphs	<p>Groundwater Elevations vs. Time</p> <p>TPH-G Concentrations vs. Time</p> <p>Benzene Concentrations vs. Time</p> <p>MTBE Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Field Monitoring Data Sheet – 9/10/10</p> <p>Groundwater Sampling Field Notes – 9/10/10</p> <p>Statement of Non-Completion – 9/10/10</p> <p>LPH Recovery Data – 7/2/10, 8/6/10, 8/31/10, 9/20/10</p>
Laboratory Reports	<p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>
Statements	<p>Purge Water Disposal</p> <p>Limitations</p>

**Summary of Gauging and Sampling Activities  
 July 2010 through September 2010  
 76 Station 7376  
 4191 First Street  
 Pleasanton, CA**

Project Coordinator: **Bill Borgh** Water Sampling Contractor: *TRC*  
 Telephone: **916-558-7612** Compiled by: **Daniel Lee**  
 Date(s) of Gauging/Sampling Event: **9/10/2010**

**Sample Points**

Groundwater wells: **5** onsite, **8** offsite Points gauged: **13** Points sampled: **3**  
 Purging method: **Bailer**  
 Purge water disposal: **Crosby and Overton treatment facility**  
 Other Sample Points: **0** Type: --

**Liquid Phase Hydrocarbons (LPH)**

Sample Points with LPH: **0** Maximum thickness (feet): --  
 LPH removal frequency: -- Method: --  
 Treatment or disposal of water/LPH: --

**Hydrogeologic Parameters**

Depth to groundwater (below TOC): Minimum: **65.9 feet** Maximum: **82.43 feet**  
 Average groundwater elevation (relative to available local datum): **290.98 feet**  
 Average change in groundwater elevation since previous event: **-4.82 feet**  
 Interpreted groundwater gradient and flow direction:  
 Current event: **\*see notes**  
 Previous event: **0.02 ft/ft, west (6/18/2010)**

**Selected Laboratory Results**

Sample Points with detected **Benzene: 1** Sample Points above MCL (1.0 µg/l): **1**  
 Maximum reported benzene concentration: **2,300 µg/l (MW-5)**  
 Sample Points with **TPH-G by GC/MS 2** Maximum: **17,000 µg/l (MW-5)**  
 Sample Points with **MTBE 8260B 3** Maximum: **3,500 µg/l (MW-5)**

**Notes:**

\*Groundwater gradient is 0.05 ft/ft to 0.10 ft/ft southwest to east.  
 MW-10=Sampled Q2 and Q4 only, MW-11=Sampled Q2 and Q4 only, MW-12=Sampled Q2 and Q4 only, MW-2C=Dry, MW-3B=Dry, MW-4=Sampled Q2 and Q4 only, MW-6=Sampled Q2 and Q4 only, MW-7=Sampled Q2 and Q4 only, MW-8=Sampled Q2 and Q4 only, MW-9=Sampled Q2 and Q4 only

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
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	=	trichloroethene
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:  $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$ , 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 7376 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 7376

### Current Event

Table 1	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)
Table 1a	Well/ Date	TPH-D	Ethylene- dibromide (EDB)	EDB (504)	1,2-DCA (EDC)								

### Historic Data

Table 2	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)
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo- benzene	Bromo- chloro- methane	Bromo- dichloro- methane
Table 2b	Well/ Date	Bromo- form	Bromo- methane	n-Butyl- benzene	sec-Butyl- benzene	tert-Butyl benzene	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane	Chloroform	Chloro- methane	2- Chloro- toluene	4-Chloro- toluene
Table 2c	Well/ Date	1,2Dibrom- 3-chloro- propane	Dibromo- chloro- methane	Dibromo- methane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2- Dichloro- propane
Table 2d	Well/ Date	1,3- Dichloro- propane	2,2- Dichloro- propane	1,1- Dichloro- propene	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	Hexa- chloro- butadiene	Isopropyl- benzene	p- Isopropyl- toluene	Methylene chloride	Naph- thalene	n-Propyl- benzene	Styrene
Table 2e	Well/ Date	1,1,1,2- Tetrachloro- ethane	1,1,2,2- Tetrachloro- ethane	Tetrachloro- ethene (PCE)	Trichloro- trifluoro- ethane	1,2,4- Trichloro- benzene	1,2,3- Trichloro- benzene	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethene (TCE)	Trichloro- fluoro- methane	1,2,3- Trichloro- propane	1,2,4- Trimethyl- benzene
Table 2f	Well/ Date	1,3,5- Trimethyl- benzene	Vinyl chloride	Acena- phthene	Acena- phthylene (svoc)	Aldrin	Aniline	Anthra- cene	Benzidine	Benzo[a]- anthracene	Benzo[a]- pyrene	Benzo[b]- fluor- anthene	Benzo- [g,h,i]- perylene
Table 2g	Well/ Date	Benzo[k]- fluor- anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro- ethoxy) methane	Bis(2-chloro- ethyl) ether	Bis(2-chloro- isopropyl)- ether	Bis(2-ethyl- hexyl) phthalate	4-Bromo- pheny phe- nyl ether	Butyl- benzyl phthalate	alpha-BHC	beta-BHC	delta-BHC
Table 2h	Well/ Date	gamma-BHC	4-Chloro- 3-methyl- phenol	4-Chloro- aniline	2-Chloro- naphtha- lene	2-Chloro- phenol	4-Chloro- phenyl phenyl ether	Chrysene	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dibenzo- [a,h]- anthracene	Dibenzo- furan





**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**September 10, 2010**  
**76 Station 7376**

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-1B</b>			<b>(Screen Interval in feet: 80.0-82.0)</b>											
9/10/2010	369.28	79.20	0.00	290.08	-1.03	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	350	
<b>MW-2C</b>			<b>(Screen Interval in feet: 80.0-82.0)</b>											
9/10/2010	368.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
<b>MW-3B</b>			<b>(Screen Interval in feet: 80.0-82.0)</b>											
9/10/2010	369.85	--	--	--	--	--	--	--	--	--	--	--	--	Dry
<b>MW-4</b>			<b>(Screen Interval in feet: 73.0-93.0)</b>											
9/10/2010	371.58	80.74	0.00	290.84	-6.38	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-5</b>			<b>(Screen Interval in feet: 52.0-72.0)</b>											
9/10/2010	366.04	68.50	0.00	297.54	-2.16	--	17000	2300	58	690	150	--	3500	
<b>MW-6</b>			<b>(Screen Interval in feet: 68.0-88.0)</b>											
9/10/2010	366.22	81.37	0.00	284.85	-6.47	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-7</b>			<b>(Screen Interval in feet: 55.0-75.0)</b>											
9/10/2010	358.67	66.83	0.00	291.84	-5.07	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-8</b>			<b>(Screen Interval in feet: 66.0-86.0)</b>											
9/10/2010	365.07	68.73	0.00	296.34	-2.27	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-9</b>			<b>(Screen Interval in feet: 55-75)</b>											
9/10/2010	357.67	65.90	0.00	291.77	-5.27	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-10</b>			<b>(Screen Interval in feet: 83-100)</b>											
9/10/2010	365.42	82.43	0.00	282.99	-8.30	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-11</b>			<b>(Screen Interval in feet: 66-85)</b>											
9/10/2010	357.44	66.02	0.00	291.42	-5.28	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-12</b>			<b>(Screen Interval in feet: 78-88)</b>											
9/10/2010	356.89	66.12	0.00	290.77	-5.95	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**September 10, 2010**  
**76 Station 7376**

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-13</b>						<b>(Screen Interval in feet: 62-77)</b>								
9/10/2010	365.66	73.35	0.00	292.31	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	

**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)
<b>MW-1B</b> 9/10/2010	ND<50	ND<0.50	ND<0.010	0.84
<b>MW-5</b> 9/10/2010	16000	ND<12	ND<0.010	ND<12
<b>MW-13</b> 9/10/2010	--	ND<0.50	ND<0.010	ND<0.50

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 December 1987 Through September 2010  
 76 Station 7376

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-1</b>														
(Screen Interval in feet: 65.0-95.0)														
12/8/1987	--	--	--	--	--	50	--	58	8.0	ND	10	--	--	
12/7/1994	366.99	81.04	0.00	285.95	--	ND	--	ND	ND	ND	ND	--	--	
3/1/1995	366.99	80.09	0.00	286.90	0.95	ND	--	ND	1.1	ND	1.3	--	--	
6/1/1995	366.99	77.53	0.00	289.46	2.56	130	--	1.0	2.9	0.79	4.5	--	--	
9/6/1995	366.99	79.00	0.00	287.99	-1.47	ND	--	ND	ND	ND	ND	--	--	
12/12/1995	366.99	77.55	0.00	289.44	1.45	ND	--	ND	ND	ND	ND	--	--	
3/1/1996	366.99	75.09	0.00	291.90	2.46	ND	--	ND	ND	ND	ND	370	--	
6/15/1996	366.99	75.07	0.00	291.92	0.02	ND	--	ND	ND	ND	ND	270	--	
9/18/1996	366.99	79.90	0.00	287.09	-4.83	ND	--	ND	ND	ND	ND	590	--	
12/21/1996	366.99	78.96	0.00	288.03	0.94	ND	--	ND	ND	ND	ND	150	--	
3/7/1997	366.99	71.49	0.00	295.50	7.47	ND	--	ND	ND	ND	ND	220	--	
6/27/1997	366.99	80.05	0.00	286.94	-8.56	ND	--	ND	ND	ND	ND	17	--	
9/29/1997	366.99	80.04	0.00	286.95	0.01	ND	--	ND	ND	ND	ND	24	--	
12/15/1997	366.99	80.07	0.00	286.92	-0.03	ND	--	ND	ND	ND	ND	25	--	
3/16/1998	366.99	71.00	0.00	295.99	9.07	ND	--	ND	0.52	ND	0.71	190	--	
6/26/1998	366.98	79.29	0.00	287.69	-8.30	59	--	0.90	ND	ND	ND	570	--	
8/18/1998	366.98	79.93	0.00	287.05	-0.64	--	--	--	--	--	--	--	--	
9/22/1998	366.98	79.99	0.00	286.99	-0.06	ND	--	ND	ND	ND	ND	170	--	
12/15/1998	366.98	80.02	0.00	286.96	-0.03	ND	--	ND	ND	ND	ND	63	--	
12/23/1998	366.98	80.02	0.00	286.96	0.00	--	--	--	--	--	--	--	--	
3/15/1999	366.98	78.95	0.00	288.03	1.07	ND	--	ND	ND	ND	ND	520	--	
3/23/1999	366.98	78.69	0.00	288.29	0.26	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-1 continued														
6/7/1999	366.98	79.82	0.00	287.16	-1.13	ND	--	ND	ND	ND	ND	310	--	
9/3/1999	366.98	79.74	0.00	287.24	0.08	ND	--	ND	ND	ND	ND	67	55.2	
12/6/1999	366.98	79.74	0.00	287.24	0.00	ND	--	ND	ND	ND	ND	120	--	
3/10/2000	366.98	79.66	0.00	287.32	0.08	ND	--	ND	ND	ND	ND	100	--	
6/8/2000	366.98	79.57	0.00	287.41	0.09	ND	--	ND	ND	ND	ND	98.9	--	
9/25/2000	366.98	79.48	0.00	287.50	0.09	ND	--	ND	ND	ND	ND	145	--	
12/19/2000	366.98	79.64	0.00	287.34	-0.16	ND	--	ND	ND	ND	ND	330	--	
3/5/2001	366.98	80.03	0.00	286.95	-0.39	ND	--	ND	ND	ND	ND	711	--	
6/14/2001	366.98	79.52	0.00	287.46	0.51	ND	--	ND	ND	ND	ND	680	--	
9/17/2001	366.98	79.76	0.00	287.22	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	
9/25/2001	366.98	79.71	0.00	287.27	0.05	--	--	--	--	--	--	--	--	
12/17/2001	366.98	80.73	0.00	286.25	-1.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	210	240	
3/15/2002	366.98	79.51	0.00	287.47	1.22	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1200	--	
6/20/2002	366.98	79.60	0.00	287.38	-0.09	--	580	ND<5.0	ND<5.0	ND<5.0	ND<10	--	810	
9/27/2002	366.98	80.76	0.00	286.22	-1.16	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
12/30/2002	366.98	81.28	0.00	285.70	-0.52	--	ND<200	ND<2.0	ND<2.0	ND<2.0	ND<4.0	--	360	
3/26/2003	366.98	79.48	0.00	287.50	1.80	--	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
6/10/2003	366.98	80.29	0.00	286.69	-0.81	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2800	
9/9/2003	366.98	84.54	0.00	282.44	-4.25	--	1000	ND<10	ND<10	ND<10	ND<20	--	1900	
12/10/2003	366.98	80.01	0.00	286.97	4.53	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2700	
3/9/2004	366.98	79.48	0.00	287.50	0.53	--	540	ND<5.0	ND<5.0	ND<5.0	ND<10	--	840	
6/21/2004	366.98	79.49	0.00	287.49	-0.01	--	650	ND<5.0	ND<5.0	ND<5.0	ND<10	--	620	
9/8/2004	366.98	79.43	0.00	287.55	0.06	--	93	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-1 continued</b>														
12/14/2004	366.98	79.45	0.00	287.53	-0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
3/17/2005	366.98	79.36	0.00	287.62	0.09	--	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<10	--	830	
6/15/2005	366.98	78.21	0.00	288.77	1.15	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2800	
9/20/2005	366.98	79.18	0.00	287.80	-0.97	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
12/29/2005	366.98	70.69	0.00	296.29	8.49	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
3/15/2006	366.98	65.59	0.00	301.39	5.10	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2500	
6/28/2006	366.98	66.15	0.00	300.83	-0.56	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3900	
9/28/2006	366.98	70.13	0.00	296.85	-3.98	--	730	3.1	ND<2.5	ND<2.5	ND<2.5	--	2100	
12/11/2006	366.98	63.29	0.00	303.69	6.84	--	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1400	
3/19/2007	366.98	57.52	0.00	309.46	5.77	--	740	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	990	
6/15/2007	366.98	66.79	0.00	300.19	-9.27	--	1400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1900	
9/24/2007	366.98	69.64	0.00	297.34	-2.85	--	1100	ND<10	ND<10	ND<10	ND<10	--	900	
12/27/2007	366.98	60.34	0.00	306.64	9.30	--	240	ND<0.50	0.63	ND<0.50	ND<1.0	--	560	
3/25/2008	366.98	60.85	0.00	306.13	-0.51	--	620	ND<5.0	ND<5.0	ND<5.0	ND<10	--	910	
6/6/2008	366.98	61.10	0.00	305.88	-0.25	--	830	ND<5.0	ND<5.0	ND<5.0	ND<10	--	1000	
9/5/2008	366.98	73.10	0.00	293.88	-12.00	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	590	
12/8/2008	366.98	71.60	0.00	295.38	1.50	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	300	
3/26/2009	366.98	64.10	0.00	302.88	7.50	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	330	
6/22/2009	366.98	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/1/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-1B (Screen Interval in feet: 80.0-82.0)</b>														
9/1/2009	369.28	79.78	0.00	289.50	--	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	220	
12/17/2009	369.28	79.50	0.00	289.78	0.28	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	230	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-1B continued</b>														
2/4/2010	369.28	79.56	0.00	289.72	-0.06	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	370	
6/18/2010	369.28	78.17	0.00	291.11	1.39	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	330	
9/10/2010	369.28	79.20	0.00	290.08	-1.03	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	350	
<b>MW-2 (Screen Interval in feet: --)</b>														
12/8/1987	--	--	--	--	--	1800	--	910	800	260	1200	--	--	Damaged
12/7/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/1/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-2B (Screen Interval in feet: 65.0-85.0)</b>														
3/1/1995	365.05	80.80	0.00	284.25	--	ND	--	ND	ND	ND	ND	--	--	
6/1/1995	365.05	75.69	0.00	289.36	5.11	350	--	19	5.8	ND	7.7	--	--	
9/6/1995	365.05	77.54	0.00	287.51	-1.85	ND	--	90	ND	ND	ND	--	--	
12/12/1995	365.05	75.96	0.00	289.09	1.58	1200	--	630	ND	15	57	--	--	
3/1/1996	365.05	73.27	0.00	291.78	2.69	1000	--	620	ND	ND	5.3	4300	--	
6/15/1996	365.05	73.21	0.00	291.84	0.06	910	--	350	ND	ND	ND	3700	--	
9/18/1996	365.05	81.08	0.00	283.97	-7.87	1200	--	95	ND	ND	ND	5200	--	
12/21/1996	365.05	77.35	0.00	287.70	3.73	330	--	57	ND	ND	ND	2900	--	
3/7/1997	365.05	69.67	0.00	295.38	7.68	190	--	28	0.64	ND	1.5	4300	--	
6/27/1997	365.05	82.40	0.00	282.65	-12.73	98	--	3.4	1.0	0.53	ND	3100	--	
9/29/1997	365.05	82.72	0.00	282.33	-0.32	ND	--	ND	ND	ND	ND	3000	--	
12/15/1997	365.05	82.57	0.00	282.48	0.15	54	--	ND	ND	ND	ND	4100	--	
3/16/1998	365.05	69.13	0.00	295.92	13.44	ND	--	17	ND	ND	ND	4400	--	
6/26/1998	365.05	77.78	0.00	287.27	-8.65	ND	--	ND	ND	ND	ND	4000	--	
8/18/1998	365.05	83.99	0.00	281.06	-6.21	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-2B continued														
9/22/1998	365.05	83.89	0.00	281.16	0.10	ND	--	ND	ND	ND	21	4600	--	
12/15/1998	365.05	82.84	0.00	282.21	1.05	ND	--	ND	ND	ND	ND	5100	--	
12/23/1998	365.05	82.55	0.00	282.50	0.29	--	--	--	--	--	--	--	--	
3/15/1999	365.05	77.31	0.00	287.74	5.24	ND	--	ND	ND	ND	ND	4300	4800	
3/23/1999	365.05	77.06	0.00	287.99	0.25	--	--	--	--	--	--	--	--	
6/7/1999	365.05	82.96	0.00	282.09	-5.90	ND	--	ND	ND	ND	ND	5100	--	
9/3/1999	365.05	84.16	0.00	280.89	-1.20	ND	--	ND	ND	ND	ND	6300	4400	
12/6/1999	365.05	84.41	0.00	280.64	-0.25	ND	--	ND	ND	ND	ND	4400	--	
3/10/2000	365.05	82.42	0.00	282.63	1.99	ND	--	ND	ND	ND	ND	6900	--	
6/8/2000	365.05	82.73	0.00	282.32	-0.31	ND	--	ND	ND	ND	ND	7780	--	
9/25/2000	365.05	84.24	0.00	280.81	-1.51	52.9	--	8.83	6.58	0.932	5.60	12200	--	
12/19/2000	365.05	84.39	0.00	280.66	-0.15	ND	--	ND	ND	ND	ND	6000	--	
3/5/2001	365.05	84.61	0.00	280.44	-0.22	ND	--	ND	ND	ND	ND	5890	--	
6/14/2001	365.05	83.53	0.00	281.52	1.08	ND	--	ND	ND	ND	ND	6600	--	
9/17/2001	365.05	84.55	0.00	280.50	-1.02	ND<200	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	5100	--	
9/25/2001	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/17/2001	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/2002	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
6/20/2002	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/2002	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/2002	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/2003	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/2003	365.05	83.17	0.00	281.88	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	6400	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-2B continued														
9/9/2003	365.05	84.56	0.00	280.49	-1.39	--	--	--	--	--	--	--	--	Car parked over well
12/10/2003	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/2004	365.05	84.13	0.00	280.92	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5200	
6/21/2004	365.05	83.71	0.00	281.34	0.42	--	3400	ND<25	ND<25	ND<25	ND<50	--	4600	
9/8/2004	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/2004	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2005	365.05	79.55	0.00	285.50	--	--	ND<5000	ND<0.50	ND<0.50	0.83	ND<1.0	--	7800	
6/15/2005	365.05	76.89	0.00	288.16	2.66	--	ND<5000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6400	
9/20/2005	--	83.24	0.00	--	--	--	3200	ND<12	ND<12	ND<12	ND<25	--	6000	Casing elevation modified on 6/22/2005
12/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/15/2006	--	64.03	0.00	--	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
6/28/2006	--	61.22	0.00	--	--	--	3000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	11000	
9/28/2006	--	66.35	0.00	--	--	--	3100	ND<10	ND<10	ND<10	ND<10	--	9800	
12/11/2006	--	61.20	0.00	--	--	--	330	1.3	ND<0.50	1.9	1.6	--	10000	
3/19/2007	--	55.75	0.00	--	--	--	8600	ND<25	ND<25	ND<25	ND<25	--	11000	
6/15/2007	--	65.21	0.00	--	--	--	4700	ND<10	ND<10	ND<10	ND<10	--	9300	
9/24/2007	--	63.41	0.00	--	--	--	--	--	--	--	--	--	--	LPH in casing well
12/27/2007	--	58.75	0.00	--	--	--	1500	0.66	1.2	0.64	1.5	--	7900	
3/25/2008	--	59.27	0.00	--	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
6/6/2008	--	59.50	0.00	--	--	--	6400	ND<50	ND<50	ND<50	ND<100	--	7400	
9/5/2008	--	73.50	0.00	--	--	--	2200	ND<10	ND<10	ND<10	ND<20	--	4000	
12/8/2008	--	69.99	0.01	--	--	--	3100	ND<25	ND<25	ND<25	ND<50	--	4200	LPH in well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-2B continued</b>														
3/26/2009	--	62.48	0.00	--	--	--	630	18	ND<6.2	6.5	19	--	5200	
6/22/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/1/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-2C (Screen Interval in feet: 80.0-82.0)</b>														
9/1/2009	368.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/2009	368.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
2/4/2010	368.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/18/2010	368.48	77.20	0.00	291.28	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
9/10/2010	368.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
<b>MW-3 (Screen Interval in feet: 76.5-96.5)</b>														
12/8/1987	--	--	--	--	--	24000	--	2600	1300	160	660	--	--	
12/7/1994	367.01	85.54	0.00	281.47	--	ND	--	ND	ND	ND	ND	--	--	
3/1/1995	367.01	83.20	0.00	283.81	2.34	ND	--	ND	1.1	ND	1.1	--	--	
6/1/1995	367.01	77.60	0.00	289.41	5.60	62	--	7.8	0.90	ND	1.6	--	--	
9/6/1995	367.01	79.28	0.00	287.73	-1.68	4100	--	380	490	130	710	--	--	
12/12/1995	367.01	77.73	0.00	289.28	1.55	19000	--	600	380	2100	5300	--	--	
3/1/1996	367.01	75.18	0.00	291.83	2.55	3400	--	950	3.2	1900	290	59	--	
6/15/1996	367.01	75.13	0.00	291.88	0.05	780	--	190	8.8	3.8	4.0	630	--	
9/18/1996	367.01	82.84	0.00	284.17	-7.71	2800	--	340	12	11	110	2500	--	
12/21/1996	367.01	79.29	0.00	287.72	3.55	51	--	1.3	ND	ND	0.53	20	--	
3/7/1997	367.01	71.58	0.00	295.43	7.71	1400	--	53	14	29	68	220	--	
6/27/1997	367.01	83.27	0.00	283.74	-11.69	ND	--	ND	ND	ND	ND	27	--	
9/29/1997	367.01	83.33	0.00	283.68	-0.06	ND	--	ND	ND	ND	ND	11	--	

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 December 1987 Through September 2010  
 76 Station 7376

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
MW-3 continued														
12/15/1997	367.01	83.35	0.00	283.66	-0.02	ND	--	ND	ND	ND	ND	19	--	
3/16/1998	367.01	71.07	0.00	295.94	12.28	130	--	6.5	1.9	1.5	1.6	210	--	
6/26/1998	367.03	79.65	0.00	287.38	-8.56	400	--	15	ND	ND	1.9	490	--	
8/18/1998	367.03	83.29	0.00	283.74	-3.64	--	--	--	--	--	--	--	--	
9/22/1998	367.03	83.33	0.00	283.70	-0.04	ND	--	ND	ND	ND	ND	24	--	
12/15/1998	367.03	83.29	0.00	283.74	0.04	ND	--	ND	ND	ND	ND	18	--	
12/23/1998	367.03	83.28	0.00	283.75	0.01	--	--	--	--	--	--	--	--	
3/15/1999	367.03	79.19	0.00	287.84	4.09	26000	--	3100	270	2200	3100	1300	--	
3/23/1999	367.03	78.92	0.00	288.11	0.27	--	--	--	--	--	--	--	--	
6/7/1999	367.03	83.22	0.00	283.81	-4.30	ND	--	ND	ND	0.63	ND	29	--	
9/3/1999	367.03	83.31	0.00	283.72	-0.09	23000	--	770	ND	980	6400	280	82.4	
12/6/1999	367.03	83.41	0.00	283.62	-0.10	41000	--	3200	3500	1300	8300	ND	--	
3/10/2000	367.03	83.23	0.00	283.80	0.18	5100	--	340	ND	97	450	200	--	
6/8/2000	367.03	83.22	0.00	283.81	0.01	1200	--	52.0	ND	41.7	356	55.8	--	
9/25/2000	367.03	83.37	0.00	283.66	-0.15	3400	--	305	ND	25.4	512	137	--	
12/19/2000	367.03	83.27	0.00	283.76	0.10	6800	--	260	ND	120	950	130	--	
3/5/2001	367.03	83.34	0.00	283.69	-0.07	16800	--	1100	48.6	637	4260	224	--	
6/14/2001	367.03	83.39	0.00	283.64	-0.05	1800	--	260	ND	5.5	25	83	--	
9/17/2001	367.03	84.10	0.00	282.93	-0.71	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	71	--	
9/25/2001	367.03	84.23	0.00	282.80	-0.13	--	--	--	--	--	--	--	--	
12/17/2001	367.03	83.32	0.00	283.71	0.91	1800	--	120	ND<5.0	45	270	80	91	
3/15/2002	367.03	83.27	0.00	283.76	0.05	15000	--	160	ND<50	140	4400	ND<250	--	
6/20/2002	367.03	83.74	0.00	283.29	-0.47	--	3700	98	0.69	4.0	2.3	--	92	

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**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-3 continued														
9/27/2002	367.03	84.20	0.00	282.83	-0.46	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	67	
12/30/2002	367.03	83.24	0.00	283.79	0.96	--	5900	320	ND<5.0	80	1500	--	160	
3/26/2003	367.03	83.27	0.00	283.76	-0.03	--	7200	95	6.3	140	1500	--	130	
6/10/2003	367.03	83.59	0.00	283.44	-0.32	--	360	2.1	ND<0.50	1.1	1.0	--	54	
9/9/2003	367.01	83.75	0.00	283.26	-0.18	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	63	
12/10/2003	367.01	83.21	0.00	283.80	0.54	--	980	32	ND<1.0	7.0	160	--	90	
3/9/2004	367.01	83.23	0.00	283.78	-0.02	--	1300	4.2	0.67	6.4	91	--	83	
6/21/2004	367.01	83.31	0.00	283.70	-0.08	--	96	ND<0.50	0.62	ND<0.50	ND<1.0	--	59	
9/8/2004	367.01	83.81	0.00	283.20	-0.50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
12/14/2004	367.01	83.20	0.00	283.81	0.61	--	1800	44	0.83	22	310	--	120	
3/17/2005	367.01	81.33	0.00	285.68	1.87	--	11000	110	1.3	38	1100	--	57	
6/15/2005	367.01	78.31	0.00	288.70	3.02	--	910	0.92	ND<0.50	1.0	ND<1.0	--	59	
9/20/2005	367.01	83.28	0.00	283.73	-4.97	--	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/29/2005	367.01	70.73	0.00	296.28	12.55	--	2100	27	ND<0.50	91	260	--	64	
3/15/2006	367.01	65.91	0.00	301.10	4.82	--	860	7.5	ND<0.50	3.3	ND<1.0	--	98	
6/28/2006	367.01	66.16	0.00	300.85	-0.25	--	2200	430	14	25	17	--	380	
9/28/2006	367.01	70.15	0.00	296.86	-3.99	--	410	110	ND<0.50	0.52	ND<0.50	--	79	
12/11/2006	367.01	63.33	0.00	303.68	6.82	--	370	14	ND<0.50	ND<0.50	ND<0.50	--	70	
3/19/2007	367.01	57.35	0.00	309.66	5.98	--	820	4.2	ND<0.50	ND<0.50	0.88	--	69	
6/15/2007	367.01	66.79	0.00	300.22	-9.44	--	1500	130	1.3	7.8	8.8	--	400	
9/24/2007	367.01	69.70	0.00	297.31	-2.91	--	330	1.1	ND<0.50	ND<0.50	ND<0.50	--	51	
12/27/2007	367.01	60.35	0.00	306.66	9.35	--	210	0.54	0.98	ND<0.50	1.4	--	52	
3/25/2008	367.01	60.87	0.00	306.14	-0.52	--	1500	69	ND<0.50	41	55	--	840	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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>														
6/6/2008	367.01	61.14	0.00	305.87	-0.27	--	1300	58	ND<5.0	ND<5.0	ND<10	--	840	
9/5/2008	367.01	73.10	0.00	293.91	-11.96	--	380	74	1.2	1.3	3.8	--	170	
12/8/2008	367.01	71.65	0.00	295.36	1.45	--	120	1.8	ND<0.50	ND<0.50	ND<1.0	--	31	
3/26/2009	367.01	64.12	0.00	302.89	7.53	--	490	0.84	0.53	ND<0.50	ND<1.0	--	33	
6/22/2009	367.01	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/1/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-3B (Screen Interval in feet: 80.0-82.0)</b>														
9/1/2009	369.85	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/2009	369.85	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
2/4/2010	369.85	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/18/2010	369.85	78.83	0.00	291.02	--	--	86	11	7.9	2.2	11	--	28	
9/10/2010	369.85	--	--	--	--	--	--	--	--	--	--	--	--	Dry
<b>MW-4 (Screen Interval in feet: 73.0-93.0)</b>														
9/18/1996	369.03	73.67	0.00	295.36	--	160	--	14	ND	ND	1.6	ND	--	
12/21/1996	369.03	77.69	0.00	291.34	-4.02	ND	--	ND	ND	ND	ND	ND	--	
3/7/1997	369.03	68.04	0.00	300.99	9.65	ND	--	1.9	0.99	ND	1.5	ND	--	
6/27/1997	369.03	79.06	0.00	289.97	-11.02	ND	--	ND	ND	ND	ND	ND	--	
9/29/1997	369.03	85.83	0.00	283.20	-6.77	ND	--	ND	ND	ND	ND	ND	--	
12/15/1997	369.03	87.26	0.00	281.77	-1.43	ND	--	ND	ND	ND	ND	ND	--	
3/16/1998	369.03	75.09	0.00	293.94	12.17	ND	--	ND	0.69	ND	0.82	ND	--	
6/26/1998	368.81	73.81	0.00	295.00	1.06	100	--	62	ND	ND	ND	ND	--	
8/18/1998	368.81	78.75	0.00	290.06	-4.94	--	--	--	--	--	--	--	--	
9/22/1998	368.81	83.95	0.00	284.86	-5.20	ND	--	ND	ND	ND	ND	2.8	--	

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
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**76 Station 7376**

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
MW-4 continued														
12/15/1998	368.81	85.41	0.00	283.40	-1.46	ND	--	ND	ND	ND	ND	ND	--	
12/23/1998	368.81	84.95	0.00	283.86	0.46	--	--	--	--	--	--	--	--	
3/15/1999	368.81	78.47	0.00	290.34	6.48	ND	--	ND	ND	ND	ND	ND	--	
3/23/1999	368.81	77.37	0.00	291.44	1.10	--	--	--	--	--	--	--	--	
6/7/1999	368.81	76.60	0.00	292.21	0.77	ND	--	ND	ND	ND	ND	ND	--	
9/3/1999	368.81	87.23	0.00	281.58	-10.63	ND	--	ND	ND	ND	ND	ND	ND	
12/6/1999	368.81	92.23	0.00	276.58	-5.00	ND	--	ND	ND	ND	ND	ND	--	
3/10/2000	368.81	88.54	0.00	280.27	3.69	ND	--	ND	ND	ND	ND	ND	--	
6/8/2000	368.81	86.98	0.00	281.83	1.56	ND	--	ND	ND	ND	ND	ND	--	
9/25/2000	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/2000	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/5/2001	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/14/2001	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/17/2001	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/25/2001	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/2001	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/2002	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/20/2002	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/2002	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/2002	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/2003	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/2003	368.81	89.76	0.00	279.05	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2003	368.81	89.47	0.00	279.34	0.29	--	ND<50	ND<0.50	0.80	ND<0.50	ND<1.0	--	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-4 continued														
12/10/2003	368.81	90.44	0.00	278.37	-0.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/9/2004	368.81	84.89	0.00	283.92	5.55	--	ND<50	4.2	0.59	2.0	1.3	--	ND<2.0	
6/21/2004	368.81	81.90	0.00	286.91	2.99	--	ND<50	ND<0.50	0.68	ND<0.50	ND<1.0	--	ND<0.50	
9/8/2004	368.81	86.45	0.00	282.36	-4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/2004	368.81	89.95	0.00	278.86	-3.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/2005	368.81	78.86	0.00	289.95	11.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/2005	368.81	73.07	0.00	295.74	5.79	--	ND<50	0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/2005	368.81	79.83	0.00	288.98	-6.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2005	368.81	74.08	0.00	294.73	5.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/2006	368.81	62.45	0.00	306.36	11.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2006	368.81	61.87	0.00	306.94	0.58	--	ND<50	2.9	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2006	368.81	70.81	0.00	298.00	-8.94	--	ND<50	0.53	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/11/2006	368.81	64.10	0.00	304.71	6.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/2007	368.81	60.37	0.00	308.44	3.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/2007	368.81	62.13	0.00	306.68	-1.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/24/2007	368.81	71.59	0.00	297.22	-9.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/2007	368.81	62.18	0.00	306.63	9.41	--	ND<50	ND<0.50	1.1	ND<0.50	1.5	--	ND<0.50	
3/25/2008	368.81	55.19	0.00	313.62	6.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/6/2008	368.81	58.98	0.00	309.83	-3.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/5/2008	368.81	69.95	0.00	298.86	-10.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/8/2008	368.81	73.10	0.00	295.71	-3.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/26/2009	368.81	62.10	0.00	306.71	11.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/22/2009	368.81	68.55	0.00	300.26	-6.45	--	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**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-4 continued</b>														
9/1/2009	371.58	81.18	0.00	290.40	-9.86	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	371.58	84.23	0.00	287.35	-3.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/4/2010	371.58	81.64	0.00	289.94	2.59	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	371.58	74.36	0.00	297.22	7.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/10/2010	371.58	80.74	0.00	290.84	-6.38	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-5 (Screen Interval in feet: 52.0-72.0)</b>														
9/18/1996	363.23	64.20	0.00	299.03	--	36000	--	6700	410	730	6500	4100	--	
12/21/1996	363.23	61.77	--	301.46	2.43	25000	--	3200	300	780	3600	2600	--	
3/7/1997	363.23	56.30	--	306.93	5.47	14000	--	1300	120	410	1200	1700	--	
6/27/1997	363.23	68.88	0.90	295.02	-11.91	--	--	--	--	--	--	--	--	LPH in well
9/29/1997	363.23	69.47	0.35	294.02	-1.00	--	--	--	--	--	--	--	--	LPH in well
12/15/1997	363.23	64.92	0.30	298.54	4.51	--	--	--	--	--	--	--	--	LPH in well
3/16/1998	363.23	49.63	0.09	313.67	15.13	--	--	--	--	--	--	--	--	LPH in well
6/26/1998	363.21	64.13	--	299.08	-14.59	490	--	6.3	2.8	4.2	5.1	10	--	
8/18/1998	363.21	70.40	0.01	292.81	-6.27	--	--	--	--	--	--	--	--	LPH in well
9/22/1998	363.21	69.10	0.06	294.15	1.34	--	--	--	--	--	--	--	--	LPH in well
12/15/1998	363.21	68.84	0.17	294.50	0.34	--	--	--	--	--	--	--	--	LPH in well
12/23/1998	363.21	68.42	0.50	295.16	0.67	--	--	--	--	--	--	--	--	LPH in well
3/15/1999	363.21	63.81	0.25	299.59	4.42	--	--	--	--	--	--	--	--	LPH in well
3/23/1999	363.21	63.59	0.13	299.72	0.13	--	--	--	--	--	--	--	--	LPH in well
6/7/1999	363.21	68.25	0.82	295.57	-4.14	210000	--	6700	3700	5000	20000	11000	4000	
9/3/1999	363.21	69.38	0.70	294.35	-1.22	--	--	--	--	--	--	--	--	LPH in well
12/6/1999	363.21	70.02	0.82	293.80	-0.55	--	--	--	--	--	--	--	--	LPH in well



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-5 continued														
3/10/2000	363.21	64.56	0.64	299.13	5.33	--	--	--	--	--	--	--	--	LPH in well
6/8/2000	363.21	66.47	0.51	297.12	-2.01	--	--	--	--	--	--	--	--	LPH in well
9/25/2000	363.21	69.02	0.60	294.64	-2.48	--	--	--	--	--	--	--	--	LPH in well
12/19/2000	363.21	68.31	0.14	295.01	0.36	--	--	--	--	--	--	--	--	LPH in well
3/5/2001	363.21	64.19	0.08	299.08	4.07	--	--	--	--	--	--	--	--	LPH in well
6/14/2001	363.21	64.02	0.11	299.27	0.19	--	--	--	--	--	--	--	--	LPH in well
9/17/2001	363.21	72.07	0.04	291.17	-8.10	--	--	--	--	--	--	--	--	LPH in well
9/25/2001	363.21	72.17	0.03	291.06	-0.11	--	--	--	--	--	--	--	--	LPH in well
12/17/2001	363.21	72.11	0.03	291.12	0.06	--	--	--	--	--	--	--	--	LPH in well
3/15/2002	363.21	66.93	0.22	296.45	5.32	--	--	--	--	--	--	--	--	LPH in well
6/20/2002	363.21	69.71	0.42	293.82	-2.63	--	--	--	--	--	--	--	--	LPH in well
9/27/2002	363.21	72.07	0.00	291.14	-2.68	--	--	--	--	--	--	--	--	Not enough water to sample
12/30/2002	363.21	71.91	0.00	291.30	0.16	--	--	--	--	--	--	--	--	Not enough water to sample
3/26/2003	363.21	67.55	0.15	295.77	4.47	--	--	--	--	--	--	--	--	LPH in well
6/10/2003	363.21	69.34	0.12	293.96	-1.81	--	--	--	--	--	--	--	--	LPH in well
9/9/2003	363.21	68.97	0.00	294.24	0.28	--	--	--	--	--	--	--	--	LPH in well
12/10/2003	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/2004	363.21	66.03	0.00	297.18	--	--	19000	7300	370	910	890	--	1400	
6/21/2004	363.21	67.50	0.00	295.71	-1.47	--	13000	3700	220	710	660	--	1900	
9/8/2004	363.21	70.62	0.02	292.61	-3.10	--	--	--	--	--	--	--	--	LPH in well
12/14/2004	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2005	363.21	65.88	0.02	297.35	--	--	--	--	--	--	--	--	--	LPH in well
6/15/2005	363.21	63.20	0.02	300.02	2.68	--	--	--	--	--	--	--	--	LPH in well

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-5 continued														
9/20/2005	363.21	66.74	0.01	296.48	-3.55	--	--	--	--	--	--	--	--	LPH in well
12/29/2005	363.21	64.04	0.01	299.18	2.70	--	--	--	--	--	--	--	--	LPH in well
3/15/2006	363.21	57.95	0.01	305.27	6.09	--	--	--	--	--	--	--	--	LPH in well
6/28/2006	363.21	57.33	0.02	305.90	0.63	--	--	--	--	--	--	--	--	LPH in well
9/28/2006	363.21	60.65	0.01	302.57	-3.33	--	--	--	--	--	--	--	--	LPH in well
12/11/2006	363.21	56.92	0.02	306.30	3.74	--	--	--	--	--	--	--	--	LPH in well
3/19/2007	363.21	52.37	0.00	310.84	4.54	--	16000	620	31	330	320	--	1600	
6/15/2007	363.21	55.70	0.00	307.51	-3.33	--	13000	1400	37	430	180	--	4400	
9/24/2007	363.21	61.14	0.00	302.07	-5.44	--	17000	1500	34	490	130	--	4000	
12/27/2007	363.21	54.95	0.00	308.26	6.19	--	6500	1100	31	300	110	--	1400	
3/25/2008	363.21	52.33	0.00	310.88	2.62	--	14000	950	20	310	76	--	2600	
6/6/2008	363.21	54.12	0.00	309.09	-1.79	--	14000	1800	27	380	92	--	4900	
9/5/2008	363.21	62.72	0.00	300.49	-8.60	--	13000	1800	40	470	130	--	3700	
12/8/2008	363.21	64.14	0.00	299.07	-1.42	--	14000	3000	70	560	160	--	3800	
3/26/2009	363.21	58.55	0.00	304.66	5.59	--	19000	2700	57	630	170	--	2700	
6/22/2009	363.21	63.90	0.00	299.31	-5.35	--	16000	2700	75	630	160	--	5000	
9/1/2009	366.04	69.38	0.00	296.66	-2.65	--	49000	1900	78	1400	260	--	2500	
12/17/2009	366.04	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
2/4/2010	366.04	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/18/2010	366.04	66.34	0.00	299.70	--	--	--	--	--	--	--	--	--	Trace of LPH in bailer
9/10/2010	366.04	68.50	0.00	297.54	-2.16	--	17000	2300	58	690	150	--	3500	
MW-6			(Screen Interval in feet: 68.0-88.0)											
9/18/1996	363.12	79.07	0.00	284.05	--	160	--	5.4	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-6 continued														
12/21/1996	363.12	75.40	0.00	287.72	3.67	300	--	96	1.3	ND	1.7	21	--	
3/7/1997	363.12	67.61	0.00	295.51	7.79	1800	--	920	18	ND	31	290	--	
6/27/1997	363.12	80.45	0.00	282.67	-12.84	ND	--	0.73	ND	ND	38	38	--	
9/29/1997	363.12	86.02	0.00	277.10	-5.57	62	--	ND	ND	ND	ND	43	--	
12/15/1997	363.12	84.03	0.00	279.09	1.99	78	--	ND	ND	ND	ND	39	--	
3/16/1998	363.12	67.15	0.00	295.97	16.88	210	--	36	2.5	ND	3.0	64	--	
6/26/1998	363.13	75.71	0.00	287.42	-8.55	530	--	300	8.3	2.8	8.7	81	--	
8/18/1998	363.13	74.86	0.00	288.27	0.85	--	--	--	--	--	--	--	--	
9/22/1998	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/15/1998	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/23/1998	363.13	80.80	0.00	282.33	--	120	--	1.1	ND	ND	0.78	25	--	
1/23/1999	363.13	80.68	0.00	282.45	0.12	ND	--	--	--	--	--	--	--	
3/15/1999	363.13	75.29	0.00	287.84	5.39	62	--	1.4	ND	ND	ND	23	--	
3/23/1999	363.13	75.03	0.00	288.10	0.26	--	--	--	--	--	--	--	--	
6/7/1999	363.13	82.27	0.00	280.86	-7.24	ND	--	ND	ND	ND	ND	18	--	
9/3/1999	363.13	87.49	0.00	275.64	-5.22	--	--	--	--	--	--	--	--	Dry well
12/6/1999	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/10/2000	363.13	85.61	0.00	277.52	--	ND	--	ND	ND	ND	ND	64	--	
6/8/2000	363.13	87.36	0.00	275.77	-1.75	--	--	--	--	--	--	--	--	Dry well
9/25/2000	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/2000	363.13	87.73	--	275.40	--	--	--	--	--	--	--	--	--	Dry well
3/5/2001	363.13	87.82	--	275.31	-0.09	--	--	--	--	--	--	--	--	Dry well
6/14/2001	363.13	87.69	0.00	275.44	0.13	--	--	--	--	--	--	--	--	Dry well

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-6 continued														
9/17/2001	363.13	87.70	0.00	275.43	-0.01	--	--	--	--	--	--	--	--	Dry well
9/25/2001	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/2001	363.13	87.74	0.00	275.39	--	--	--	--	--	--	--	--	--	Dry well
3/15/2002	363.13	87.72	0.00	275.41	0.02	--	--	--	--	--	--	--	--	Dry well
6/20/2002	363.13	87.79	0.00	275.34	-0.07	--	--	--	--	--	--	--	--	Dry well
9/27/2002	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/2002	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/2003	363.13	87.67	0.00	275.46	--	--	--	--	--	--	--	--	--	Dry well
6/10/2003	363.13	87.13	0.00	276.00	0.54	--	--	--	--	--	--	--	--	Dry well
9/9/2003	363.13	87.29	0.00	275.84	-0.16	--	--	--	--	--	--	--	--	Not enough water to sample
12/10/2003	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/2004	363.13	83.53	0.00	279.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
6/21/2004	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/8/2004	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/2004	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2005	363.13	77.58	0.00	285.55	--	--	79	0.67	ND<0.50	ND<0.50	ND<1.0	--	23	
6/15/2005	363.13	74.44	0.00	288.69	3.14	--	ND<50	0.51	ND<0.50	ND<0.50	ND<1.0	--	18	
9/20/2005	--	81.92	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	Casing elevation modified on 6/22/2005
12/29/2005	--	67.19	0.00	--	--	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
3/15/2006	--	61.88	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
6/28/2006	--	62.52	0.00	--	--	--	ND<50	2.0	0.74	0.73	1.4	--	12	
9/28/2006	--	66.54	0.00	--	--	--	82	0.58	ND<0.50	ND<0.50	ND<0.50	--	9.7	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-6 continued</b>														
12/11/2006	--	59.64	0.00	--	--	--	59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	
3/19/2007	--	53.75	0.00	--	--	--	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50	--	22	
6/15/2007	--	63.00	0.00	--	--	--	82	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	
9/24/2007	--	66.10	0.00	--	--	--	110	ND<0.50	1.2	ND<0.50	0.85	--	8.8	
12/27/2007	--	56.75	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.4	
3/25/2008	--	57.16	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
6/6/2008	--	57.50	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.3	
9/5/2008	--	69.45	0.00	--	--	--	230	0.92	ND<0.50	ND<0.50	1.2	--	13	
12/8/2008	--	67.95	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.2	
3/26/2009	--	60.20	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
6/22/2009	--	70.45	0.00	--	--	--	150	1.8	ND<0.50	ND<0.50	ND<1.0	--	16	
9/1/2009	366.22	87.60	0.00	278.62	--	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	366.22	78.77	0.00	287.45	8.83	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	
2/4/2010	366.22	78.80	0.00	287.42	-0.03	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	366.22	74.90	0.00	291.32	3.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.9	
9/10/2010	366.22	81.37	0.00	284.85	-6.47	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-7 (Screen Interval in feet: 55.0-75.0)</b>														
6/26/1998	355.97	--	--	--	--	--	--	--	--	--	--	--	--	
8/18/1998	355.97	68.75	0.00	287.22	--	4000	--	1900	48	160	ND	1700	--	
9/22/1998	355.97	66.35	0.00	289.62	2.40	3200	--	1100	ND	22	ND	1500	--	
12/15/1998	355.97	65.03	0.00	290.94	1.32	1900	--	180	2.7	2.9	3.8	1400	--	
12/23/1998	355.97	64.82	0.00	291.15	0.21	--	--	--	--	--	--	--	--	
3/15/1999	355.97	60.44	0.00	295.53	4.38	2700	--	1100	ND	30	16	1400	970	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-7 continued														
3/23/1999	355.97	60.43	0.00	295.54	0.01	--	--	--	--	--	--	--	--	
6/7/1999	355.97	64.48	0.00	291.49	-4.05	2600	--	180	21	ND	13	1200	--	
9/3/1999	355.97	69.98	0.00	285.99	-5.50	870	--	69	ND	ND	ND	1100	872	
12/6/1999	355.97	70.18	0.00	285.79	-0.20	1900	--	350	ND	ND	ND	1100	--	
3/10/2000	355.97	67.36	0.00	288.61	2.82	2900	--	1600	ND	40	54	1100	--	
6/8/2000	355.97	69.81	0.00	286.16	-2.45	625	--	30.8	ND	0.761	0.940	1290	--	
9/25/2000	355.97	70.15	0.00	285.82	-0.34	2180	--	423	ND	ND	ND	1510	--	
12/19/2000	355.97	70.11	0.00	285.86	0.04	5900	--	1000	ND	ND	ND	1300	--	
3/5/2001	355.97	68.72	0.00	287.25	1.39	13200	--	5070	195	306	385	1530	--	
6/14/2001	355.97	70.00	0.00	285.97	-1.28	6400	--	3300	85	96	170	1000	--	
9/17/2001	355.97	70.28	0.00	285.69	-0.28	11000	--	3000	ND<50	ND<50	ND<50	750	--	
9/25/2001	355.97	70.49	0.00	285.48	-0.21	--	--	--	--	--	--	--	--	
12/17/2001	355.97	71.35	0.00	284.62	-0.86	5800	--	1100	ND<10	ND<10	ND<10	760	670	
3/15/2002	355.97	68.56	0.00	287.41	2.79	2800	--	850	22	74	39	360	540	
6/20/2002	355.97	70.01	0.00	285.96	-1.45	--	9900	3200	23	41	ND<40	--	390	
9/27/2002	355.97	71.50	0.00	284.47	-1.49	--	4200	710	ND<10	ND<10	ND<20	--	610	
12/30/2002	355.97	71.25	0.00	284.72	0.25	--	2400	620	ND<2.5	20	53	--	500	
3/26/2003	355.97	68.79	0.00	287.18	2.46	--	5300	1800	ND<10	13	ND<20	--	270	
6/10/2003	355.97	69.10	0.00	286.87	-0.31	--	1300	380	ND<5.0	ND<5.0	ND<10	--	--	
9/9/2003	355.97	70.04	0.00	285.93	-0.94	--	1900	240	ND<2.5	ND<2.5	ND<5.0	--	380	
12/10/2003	355.97	69.98	0.00	285.99	0.06	--	4500	500	ND<5.0	ND<5.0	ND<10	--	340	
3/9/2004	355.97	66.66	0.00	289.31	3.32	--	5600	1700	11	34	ND<20	--	280	
6/21/2004	355.97	67.82	0.00	288.15	-1.16	--	2300	260	ND<2.5	3.0	ND<5.0	--	300	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-7 continued														
9/8/2004	355.97	70.05	0.00	285.92	-2.23	--	1400	72	ND<2.5	ND<2.5	ND<5.0	--	440	
12/14/2004	355.97	70.87	--	285.10	-0.82	--	2200	180	ND<1.0	1.8	ND<2.0	--	320	
3/17/2005	355.97	63.69	0.00	292.28	7.18	--	5700	1800	7.8	24	16	--	190	
6/15/2005	355.97	59.29	0.00	296.68	4.40	--	3900	230	ND<2.5	3.7	8.0	--	280	
9/20/2005	355.97	64.38	0.00	291.59	-5.09	--	1200	5.8	ND<5.0	ND<5.0	ND<10	--	260	
12/29/2005	355.97	57.43	0.00	298.54	6.95	--	450	1.6	ND<0.50	ND<0.50	ND<1.0	--	140	
3/15/2006	355.97	51.92	0.00	304.05	5.51	--	300	1.4	0.86	ND<0.50	ND<1.0	--	94	
6/28/2006	355.97	49.47	0.00	306.50	2.45	--	770	47	2.4	2.2	1.3	--	510	
9/28/2006	355.97	53.93	0.00	302.04	-4.46	--	610	13	1.1	0.82	0.66	--	370	
12/11/2006	355.97	49.87	0.00	306.10	4.06	--	180	1.2	ND<0.50	ND<0.50	ND<0.50	--	180	
3/19/2007	355.97	45.28	0.00	310.69	4.59	--	200	0.92	ND<0.50	ND<0.50	ND<0.50	--	98	
6/15/2007	355.97	49.48	0.00	306.49	-4.20	--	170	1.0	ND<0.50	ND<0.50	0.60	--	72	
9/24/2007	355.97	54.05	0.00	301.92	-4.57	--	590	1.4	ND<0.50	ND<0.50	ND<0.50	--	330	
12/27/2007	355.97	47.98	0.00	307.99	6.07	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	84	
3/25/2008	355.97	46.00	0.00	309.97	1.98	--	92	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	74	
6/6/2008	355.97	47.38	0.00	308.59	-1.38	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	68	
9/5/2008	355.97	57.79	0.00	298.18	-10.41	--	320	3.4	ND<0.50	ND<0.50	ND<1.0	--	240	
12/8/2008	355.97	56.98	0.00	298.99	0.81	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	100	
3/26/2009	355.97	51.35	0.00	304.62	5.63	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	94	
6/22/2009	355.97	57.43	0.00	298.54	-6.08	--	230	3.9	ND<0.50	ND<0.50	ND<1.0	--	100	
9/1/2009	358.67	67.95	0.00	290.72	-7.82	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	358.67	66.52	0.00	292.15	1.43	--	2300	6.6	ND<0.50	0.69	1.0	--	31	
2/4/2010	358.67	65.53	0.00	293.14	0.99	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-7 continued</b>														
6/18/2010	358.67	61.76	0.00	296.91	3.77	--	710	10	ND<0.50	0.62	ND<1.0	--	62	
9/10/2010	358.67	66.83	0.00	291.84	-5.07	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-8 (Screen Interval in feet: 66.0-86.0)</b>														
6/26/1998	362.37	63.00	0.00	299.37	--	ND	--	6.0	ND	ND	ND	150	--	
8/18/1998	362.37	73.38	0.00	288.99	-10.38	--	--	--	--	--	--	--	--	
9/22/1998	362.37	70.89	0.00	291.48	2.49	ND	--	ND	ND	ND	ND	9.5	--	
12/15/1998	362.37	70.29	0.00	292.08	0.60	ND	--	ND	ND	ND	ND	3.0	--	
12/23/1998	362.37	70.03	0.00	292.34	0.26	--	--	--	--	--	--	--	--	
3/15/1999	362.37	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
3/23/1999	361.83	64.86	0.00	296.97	--	ND	--	ND	0.77	ND	0.96	190	--	
6/7/1999	361.83	68.30	0.00	293.53	-3.44	ND	--	ND	ND	ND	ND	ND	--	
9/3/1999	361.83	73.92	0.00	287.91	-5.62	ND	--	ND	0.57	ND	ND	170	146	
12/6/1999	361.83	74.98	0.00	286.85	-1.06	ND	--	ND	ND	ND	ND	150	--	
3/10/2000	361.83	71.54	0.00	290.29	3.44	ND	--	ND	ND	ND	ND	150	--	
6/8/2000	361.83	72.60	0.00	289.23	-1.06	ND	--	ND	ND	ND	ND	42.8	--	
9/25/2000	361.83	75.31	0.00	286.52	-2.71	ND	--	ND	ND	ND	ND	227	--	
12/19/2000	361.83	75.54	0.00	286.29	-0.23	ND	--	ND	ND	ND	ND	160	--	
3/5/2001	361.83	75.91	0.00	285.92	-0.37	ND	--	ND	ND	ND	ND	125	--	
6/14/2001	361.83	75.51	0.00	286.32	0.40	ND	--	ND	ND	ND	ND	140	--	
9/17/2001	361.83	77.19	0.00	284.64	-1.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
9/25/2001	361.83	77.17	0.00	284.66	0.02	--	--	--	--	--	--	--	--	
12/17/2001	361.83	79.94	0.00	281.89	-2.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	170	
3/15/2002	361.83	76.82	0.00	285.01	3.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	72	--	



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**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-8 continued														
6/20/2002	361.83	77.73	0.00	284.10	-0.91	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
9/27/2002	361.83	78.94	0.00	282.89	-1.21	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	94	
12/30/2002	361.83	78.21	0.00	283.62	0.73	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
3/26/2003	361.83	74.34	0.00	287.49	3.87	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
6/10/2003	361.83	75.17	0.00	286.66	-0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	
9/9/2003	361.83	74.11	0.00	287.72	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/10/2003	361.83	73.59	0.00	288.24	0.52	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
3/9/2004	361.83	70.32	0.00	291.51	3.27	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
6/21/2004	361.83	70.30	0.00	291.53	0.02	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
9/8/2004	361.83	73.83	0.00	288.00	-3.53	--	300	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	350	
12/14/2004	361.83	75.45	0.00	286.38	-1.62	--	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
3/17/2005	361.83	67.85	0.00	293.98	7.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
6/15/2005	361.83	62.74	0.00	299.09	5.11	--	ND<200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
9/20/2005	--	68.11	0.00	--	--	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	Casing elevation modified on 6/22/2005
12/29/2005	--	62.32	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	390	
3/15/2006	--	56.89	0.00	--	--	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
6/28/2006	--	54.53	0.00	--	--	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	550	
9/28/2006	--	59.02	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	460	
12/11/2006	--	55.02	0.00	--	--	--	260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	580	
3/19/2007	--	51.00	0.00	--	--	--	340	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	480	
6/15/2007	--	54.60	0.00	--	--	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	540	
9/24/2007	--	58.59	0.00	--	--	--	420	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	590	

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**December 1987 Through September 2010**  
**76 Station 7376**

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-8 continued</b>														
12/27/2007	--	53.40	0.00	--	--	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	510	
3/25/2008	--	50.96	0.00	--	--	--	65	ND<0.50	0.58	ND<0.50	1.1	--	82	
6/6/2008	--	52.66	0.00	--	--	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	550	
9/5/2008	--	60.90	0.00	--	--	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	590	
12/8/2008	--	62.46	0.00	--	--	--	330	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	640	
3/26/2009	--	56.72	0.00	--	--	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	510	
6/22/2009	--	62.00	0.00	--	--	--	520	ND<5.0	ND<5.0	ND<5.0	ND<10	--	820	
9/1/2009	365.07	72.23	0.00	292.84	--	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	365.07	71.86	0.00	293.21	0.37	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	430	
2/4/2010	365.07	70.55	0.00	294.52	1.31	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	365.07	66.46	0.00	298.61	4.09	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	600	
9/10/2010	365.07	68.73	0.00	296.34	-2.27	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-9 (Screen Interval in feet: 55-75)</b>														
11/29/1999	354.85	74.50	0.00	280.35	--	--	--	--	--	--	--	--	--	
12/6/1999	354.85	74.35	0.00	280.50	0.15	ND	--	ND	ND	ND	ND	3.0	2.7	
3/10/2000	354.85	65.94	0.00	288.91	8.41	ND	--	ND	ND	ND	ND	2.5	--	
6/8/2000	354.85	70.77	0.00	284.08	-4.83	ND	--	ND	ND	ND	ND	ND	--	
9/25/2000	354.85	74.75	0.00	280.10	-3.98	ND	--	ND	0.516	ND	ND	10.5	--	
12/19/2000	354.85	74.43	0.00	280.42	0.32	ND	--	ND	ND	ND	ND	ND	--	
3/5/2001	354.85	74.63	0.00	280.22	-0.20	ND	--	ND	ND	ND	ND	ND	--	
6/14/2001	354.85	74.75	0.00	280.10	-0.12	ND	--	ND	ND	ND	ND	ND	--	
9/17/2001	354.85	74.78	0.00	280.07	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
9/25/2001	354.85	74.83	0.00	280.02	-0.05	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-9 continued														
12/17/2001	354.85	74.80	0.00	280.05	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
3/15/2002	354.85	74.83	0.00	280.02	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
6/20/2002	354.85	74.88	0.00	279.97	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
9/27/2002	354.85	75.38	0.00	279.47	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
12/30/2002	354.85	73.33	0.00	281.52	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
3/26/2003	354.85	71.21	0.00	283.64	2.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.1	
6/10/2003	354.85	71.83	0.00	283.02	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2003	362.62	71.85	0.00	290.77	7.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/2003	362.62	69.50	0.00	293.12	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/9/2004	362.62	65.24	0.00	297.38	4.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
6/21/2004	362.62	66.52	0.00	296.10	-1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/8/2004	362.62	71.36	0.00	291.26	-4.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/2004	362.62	71.73	0.00	290.89	-0.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/2005	362.62	60.42	0.00	302.20	11.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/2005	362.62	57.63	0.00	304.99	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/2005	362.62	62.99	0.00	299.63	-5.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.55	
12/29/2005	362.62	55.38	0.00	307.24	7.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/2006	362.62	50.12	0.00	312.50	5.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.68	
6/28/2006	362.62	47.93	0.00	314.69	2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2006	362.62	52.33	0.00	310.29	-4.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
12/11/2006	362.62	48.26	0.00	314.36	4.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	
3/19/2007	362.62	43.68	0.00	318.94	4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/2007	362.62	48.35	0.00	314.27	-4.67	--	ND<50	ND<0.50	0.50	ND<0.50	0.74	--	0.59	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-9 continued</b>														
9/24/2007	362.62	52.52	0.00	310.10	-4.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/2007	362.62	46.26	0.00	316.36	6.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
3/25/2008	362.62	44.83	0.00	317.79	1.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.99	
6/6/2008	362.62	45.88	0.00	316.74	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/5/2008	362.62	54.63	0.00	307.99	-8.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/8/2008	362.62	55.44	0.00	307.18	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/26/2009	362.62	49.68	0.00	312.94	5.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/22/2009	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
9/1/2009	357.67	67.52	0.00	290.15	--	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	357.67	64.95	0.00	292.72	2.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.95	
2/4/2010	357.67	63.97	0.00	293.70	0.98	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	357.67	60.63	0.00	297.04	3.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
9/10/2010	357.67	65.90	0.00	291.77	-5.27	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-10 (Screen Interval in feet: 83-100)</b>														
11/29/1999	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/6/1999	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/10/2000	362.62	85.04	0.00	277.58	--	ND	--	ND	ND	ND	ND	130	150	
6/8/2000	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/25/2000	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/2000	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/5/2001	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/14/2001	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/17/2001	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-10 continued														
9/25/2001	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/2001	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/2002	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/20/2002	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/2002	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/2002	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/2003	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/2003	362.62	89.70	0.00	272.92	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
9/9/2003	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/10/2003	362.62	92.09	0.00	270.53	--	--	--	--	--	--	--	--	--	Insufficient recharge
3/9/2004	362.62	83.15	0.00	279.47	8.94	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
6/21/2004	362.62	86.86	0.00	275.76	-3.71	--	420	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	490	
9/8/2004	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/2004	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2005	362.62	77.07	0.00	285.55	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	65	
6/15/2005	362.62	74.04	0.00	288.58	3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	77	
9/20/2005	362.62	81.08	0.00	281.54	-7.04	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	210	
12/29/2005	362.62	66.31	0.00	296.31	14.77	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	84	
3/15/2006	362.62	61.26	0.00	301.36	5.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	91	
6/28/2006	362.62	61.88	0.00	300.74	-0.62	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
9/28/2006	362.62	65.76	0.00	296.86	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.77	--	53	
12/11/2006	362.62	58.96	0.00	303.66	6.80	--	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	83	
3/19/2007	362.62	53.02	0.00	309.60	5.94	--	78	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	100	

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-10 continued</b>														
6/15/2007	362.62	62.50	0.00	300.12	-9.48	--	68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	96	
9/24/2007	362.62	65.30	0.00	297.32	-2.80	--	86	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	76	
12/27/2007	362.62	55.95	0.00	306.67	9.35	--	63	ND<0.50	1.3	ND<0.50	1.6	--	81	
3/25/2008	362.62	56.59	0.00	306.03	-0.64	--	61	0.75	ND<0.50	ND<0.50	ND<1.0	--	78	
6/6/2008	362.62	56.76	0.00	305.86	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
9/5/2008	362.62	68.75	0.00	293.87	-11.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
12/8/2008	362.62	67.25	0.00	295.37	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	20	
3/26/2009	362.62	59.73	0.00	302.89	7.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
6/22/2009	362.62	69.98	0.00	292.64	-10.25	--	ND<50	0.82	ND<0.50	ND<0.50	ND<1.0	--	31	
9/1/2009	365.42	87.18	0.00	278.24	-14.40	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	365.42	78.60	0.00	286.82	8.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	
2/4/2010	365.42	77.99	0.00	287.43	0.61	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	365.42	74.13	0.00	291.29	3.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
9/10/2010	365.42	82.43	0.00	282.99	-8.30	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-11 (Screen Interval in feet: 66-85)</b>														
9/25/2001	354.66	81.24	0.00	273.42	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.0	--	
12/17/2001	354.66	80.47	0.00	274.19	0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10	14	
3/15/2002	354.66	79.42	0.00	275.24	1.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.6	--	
6/20/2002	354.66	80.69	0.00	273.97	-1.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.7	
9/27/2002	354.66	81.58	0.00	273.08	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/30/2002	354.66	79.12	0.00	275.54	2.46	--	ND<50	ND<0.50	ND<0.50	2.0	6.1	--	6.9	
3/26/2003	354.66	73.70	0.00	280.96	5.42	--	ND<50	0.62	1.7	0.5	2.6	--	9.8	
6/10/2003	354.66	73.06	0.00	281.60	0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.8	

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**December 1987 Through September 2010**  
**76 Station 7376**

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MW-11 continued														
9/9/2003	354.66	74.19	0.00	280.47	-1.13	--	ND<50	ND<0.50	0.66	ND<0.50	ND<1.0	--	4.4	
12/10/2003	354.66	70.99	0.00	283.67	3.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
3/9/2004	354.66	66.61	0.00	288.05	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
6/21/2004	354.66	67.63	0.00	287.03	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	
9/8/2004	354.66	72.69	0.00	281.97	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.0	
12/14/2004	354.66	72.69	0.00	281.97	0.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15	
3/17/2005	354.66	61.62	0.00	293.04	11.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
6/15/2005	354.66	58.68	0.00	295.98	2.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/2005	354.66	63.81	0.00	290.85	-5.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2005	354.66	55.96	0.00	298.70	7.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
3/15/2006	354.66	50.73	0.00	303.93	5.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2006	354.66	48.54	0.00	306.12	2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/2006	354.66	52.78	0.00	301.88	-4.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.55	--	ND<0.50	
12/11/2006	354.66	48.64	0.00	306.02	4.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/2007	354.66	44.06	0.00	310.60	4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/2007	354.66	48.70	0.00	305.96	-4.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.63	--	ND<0.50	
9/24/2007	354.66	52.77	0.00	301.89	-4.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/2007	354.66	46.51	0.00	308.15	6.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/25/2008	354.66	45.09	0.00	309.57	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/6/2008	354.66	46.21	0.00	308.45	-1.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/5/2008	354.66	54.97	0.00	299.69	-8.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/8/2008	354.66	55.63	0.00	299.03	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/26/2009	354.66	49.90	0.00	304.76	5.73	--	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**  
**December 1987 Through September 2010**  
**76 Station 7376**

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>														
6/22/2009	354.66	56.09	0.00	298.57	-6.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/1/2009	357.44	67.53	0.00	289.91	-8.66	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	357.44	65.01	0.00	292.43	2.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/4/2010	357.44	63.98	0.00	293.46	1.03	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	357.44	60.74	0.00	296.70	3.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/10/2010	357.44	66.02	0.00	291.42	-5.28	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-12 (Screen Interval in feet: 78-88)</b>														
9/25/2001	354.08	80.78	0.00	273.30	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/17/2001	354.08	80.02	0.00	274.06	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
3/15/2002	354.08	78.88	0.00	275.20	1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
6/20/2002	354.08	80.34	0.00	273.74	-1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.83	
9/27/2002	354.08	81.50	0.00	272.58	-1.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/30/2002	354.08	78.20	0.00	275.88	3.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/26/2003	354.08	72.80	0.00	281.28	5.40	--	ND<50	0.57	1.6	ND<0.50	2.2	--	ND<2.0	
6/10/2003	354.08	72.31	0.00	281.77	0.49	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2003	354.08	73.38	0.00	280.70	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/2003	354.08	70.28	0.00	283.80	3.10	--	ND<50	ND<0.50	0.51	ND<0.50	1.1	--	ND<2.0	
3/9/2004	354.08	65.69	0.00	288.39	4.59	--	ND<50	ND<0.50	0.54	ND<0.50	1.4	--	ND<2.0	
6/21/2004	354.08	66.90	0.00	287.18	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/8/2004	354.08	71.96	0.00	282.12	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/2004	354.08	71.92	0.00	282.16	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/2005	354.08	60.49	0.00	293.59	11.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/2005	354.08	57.82	0.00	296.26	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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-12 continued</b>														
9/20/2005	354.08	63.02	0.00	291.06	-5.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/2005	354.08	55.01	0.00	299.07	8.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/2006	354.08	49.92	0.00	304.16	5.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/2006	354.08	47.91	0.00	306.17	2.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
9/28/2006	354.08	52.05	0.00	302.03	-4.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/11/2006	354.08	47.83	0.00	306.25	4.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/2007	354.08	43.32	0.00	310.76	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/2007	354.08	48.26	0.00	305.82	-4.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.60	--	ND<0.50	
9/24/2007	354.08	52.60	0.00	301.48	-4.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/2007	354.08	45.83	0.00	308.25	6.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/25/2008	354.08	44.63	0.00	309.45	1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/6/2008	354.08	45.51	0.00	308.57	-0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/5/2008	354.08	54.27	0.00	299.81	-8.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/8/2008	354.08	54.92	0.00	299.16	-0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/26/2009	354.08	49.25	0.00	304.83	5.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/22/2009	354.08	55.54	0.00	298.54	-6.29	--	ND<50	0.86	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/1/2009	356.89	67.51	0.00	289.38	-9.16	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
12/17/2009	356.89	64.35	0.00	292.54	3.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/4/2010	356.89	63.34	0.00	293.55	1.01	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
6/18/2010	356.89	60.17	0.00	296.72	3.17	--	ND<50	0.77	ND<0.50	ND<0.50	ND<1.0	--	15	
9/10/2010	356.89	66.12	0.00	290.77	-5.95	--	--	--	--	--	--	--	--	Sampled Q2 and Q4 only
<b>MW-13 (Screen Interval in feet: 62-77)</b>														
4/26/2010	365.66	--	--	--	--	--	67	ND<0.005	ND<0.005	ND<0.005	ND<0.01	--	68	Sampled by Delta

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through September 2010**  
**76 Station 7376**

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
MW-13 continued 9/10/2010	365.66	73.35	0.00	292.31	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol	Ethylene-	EDB	1,2-DCA	DIPE	ETBE	TAME	Bromo-	Bromo-	
	(µg/l)	(µg/l)	(8260B) (µg/l)	dibromide (EDB) (µg/l)	(504) (µg/l)	(EDC) (µg/l)	(µg/l)	(µg/l)	(µg/l)	benzene (µg/l)	chloro- methane (µg/l)	dichloro- methane (µg/l)
<b>MW-1</b>												
12/8/1987	2100	--	--	--	--	--	--	--	--	--	--	--
3/1/1995	120	--	--	--	--	--	--	--	--	--	--	--
6/1/1995	54	--	--	--	--	--	--	--	--	--	--	--
9/6/1995	690	--	--	--	--	--	--	--	--	--	--	--
12/12/1995	190	--	--	--	--	--	--	--	--	--	--	--
3/1/1996	56	--	--	--	--	--	--	--	--	--	--	--
6/15/1996	ND	--	--	--	--	--	--	--	--	--	--	--
9/18/1996	130	--	--	--	--	--	--	--	--	--	--	--
12/21/1996	ND	--	--	--	--	--	--	--	--	--	--	--
3/7/1997	ND	--	--	--	--	--	--	--	--	--	--	--
6/27/1997	ND	--	--	--	--	--	--	--	--	--	--	--
9/29/1997	ND	--	--	--	--	--	--	--	--	--	--	--
12/15/1997	ND	--	--	--	--	--	--	--	--	--	--	--
3/16/1998	ND	--	--	--	--	--	--	--	--	--	--	--
6/26/1998	ND	--	--	--	--	--	--	--	--	--	--	--
9/22/1998	240	--	--	--	--	--	--	--	--	--	--	--
12/15/1998	ND	--	--	--	--	--	--	--	--	--	--	--
3/15/1999	67	--	--	--	--	--	--	--	--	--	--	--
6/7/1999	ND	--	--	--	--	--	--	--	--	--	--	--
9/3/1999	76	ND	ND	ND<2.0	--	--	ND	ND	ND	--	--	--
12/6/1999	ND	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	51	--	--	--	--	--	--	--	--	--	--	--
6/8/2000	68.2	--	--	--	--	--	--	--	--	--	--	--
9/25/2000	ND	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	ND	--	--	--	--	--	--	--	--	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-1 continued												
3/5/2001	505	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	71	--	--	--	--	--	--	--	--	--	--	--
9/17/2001	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	ND<53	ND<40	ND<1000	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
3/15/2002	ND<52	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	ND<100	--	--	--	--	--	--	--	--	--	--	--
12/30/2002	52	ND<400	ND<2000	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	--	--
3/26/2003	120	ND<2000	ND<10000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--
6/10/2003	ND<50	ND<4000	ND<20000	ND<80	--	ND<80	ND<80	ND<80	ND<80	--	--	--
9/9/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	170	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D		Ethanol	Ethylene-	EDB	1,2-DCA	DIPE	ETBE	TAME	Bromo-	Bromo-	Bromo-
	(µg/l)	TBA (µg/l)	(8260B) (µg/l)	dibromide (EDB) (µg/l)	(504) (µg/l)	(EDC) (µg/l)	(µg/l)	(µg/l)	(µg/l)	benzene (µg/l)	chloro- methane (µg/l)	dichloro- methane (µg/l)
<b>MW-1 continued</b>												
6/15/2007	53	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	76	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	53	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	59	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<56	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
<b>MW-1B</b>												
9/1/2009	ND<50	49	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
12/17/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
2/4/2010	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	50	--	--	ND<0.50	--	0.81	--	--	--	--	--	--
9/10/2010	ND<50	--	--	ND<0.50	ND<0.010	0.84	--	--	--	--	--	--
<b>MW-2</b>												
12/8/1987	620	--	--	--	--	--	--	--	--	--	--	--
<b>MW-2B</b>												
3/1/1995	320	--	--	--	--	--	--	--	--	--	--	--
6/1/1995	280	--	--	--	--	--	--	--	--	--	--	--
9/6/1995	ND	--	--	--	--	--	--	--	--	--	--	--
12/12/1995	850	--	--	--	--	--	--	--	--	--	--	--
3/1/1996	870	--	--	--	--	--	--	--	--	--	--	--
6/15/1996	420	--	--	--	--	--	--	--	--	--	--	--
9/18/1996	600	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-2B continued												
12/21/1996	470	--	--	--	--	--	--	--	--	--	--	--
3/7/1997	870	--	--	--	--	--	--	--	--	--	--	--
6/27/1997	680	--	--	--	--	--	--	--	--	--	--	--
9/29/1997	430	--	--	--	--	--	--	--	--	--	--	--
12/15/1997	490	--	--	--	--	--	--	--	--	--	--	--
3/16/1998	4000	--	--	--	--	--	--	--	--	--	--	--
6/26/1998	790	--	--	--	--	--	--	--	--	--	--	--
9/22/1998	930	--	--	--	--	--	--	--	--	--	--	--
12/15/1998	600	--	--	--	--	--	--	--	--	--	--	--
3/15/1999	390	3800	ND	--	--	--	13	ND	ND	--	--	--
6/7/1999	770	--	--	--	--	--	--	--	--	--	--	--
9/3/1999	870	3480	ND	--	--	--	ND	ND	ND	--	--	--
12/6/1999	850	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	1500	--	--	--	--	--	--	--	--	--	--	--
9/25/2000	2900	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	700	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	570	--	--	--	--	--	--	--	--	--	--	--
6/10/2003	280	ND<10000	ND<50000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--	--
6/21/2004	260	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	280	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	560	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	340	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	7200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	32000	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	2300	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-2B continued</b>												
12/11/2006	61000	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	30000	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	21000	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	18000	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	1200	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	15000	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	710	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	7000	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	11000	--	--	--	--	--	--	--	--	--	--	--
<b>MW-2C</b>												
6/18/2010	ND<56	--	--	ND<0.50	--	6.0	--	--	--	--	--	--
<b>MW-3</b>												
12/8/1987	2300	--	--	--	--	--	--	--	--	--	--	--
3/1/1995	140	--	--	--	--	--	--	--	--	--	--	--
6/1/1995	140	--	--	--	--	--	--	--	--	--	--	--
9/6/1995	880	--	--	--	--	--	--	--	--	--	--	--
12/12/1995	3100	--	--	--	--	--	--	--	--	--	--	--
3/1/1996	1500	--	--	--	--	--	--	--	--	--	--	--
6/15/1996	400	--	--	--	--	--	--	--	--	--	--	--
9/18/1996	170	--	--	--	--	--	--	--	--	--	--	--
12/21/1996	64	--	--	--	--	--	--	--	--	--	--	--
3/7/1997	570	--	--	--	--	--	--	--	--	--	--	--
6/27/1997	ND	--	--	--	--	--	--	--	--	--	--	--
9/29/1997	ND	--	--	--	--	--	--	--	--	--	--	--
12/15/1997	ND	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D	TBA	Ethanol	Ethylene-	EDB	1,2-DCA	DIPE	ETBE	TAME	Bromo-	Bromo-	Bromo-
	(µg/l)	(µg/l)	(8260B) (µg/l)	dibromide (EDB) (µg/l)	(504) (µg/l)	(EDC) (µg/l)	(µg/l)	(µg/l)	(µg/l)	benzene (µg/l)	chloro- methane (µg/l)	dichloro- methane (µg/l)
MW-3 continued												
3/16/1998	670	--	--	--	--	--	--	--	--	--	--	--
6/26/1998	63	--	--	--	--	--	--	--	--	--	--	--
9/22/1998	95	--	--	--	--	--	--	--	--	--	--	--
12/15/1998	ND	--	--	--	--	--	--	--	--	--	--	--
3/15/1999	3500	--	--	--	--	--	--	--	--	--	--	--
6/7/1999	ND	--	--	--	--	--	--	--	--	--	--	--
9/3/1999	2900	ND	ND	--	--	--	ND	ND	ND	--	--	--
12/6/1999	4200	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	2500	--	--	--	--	--	--	--	--	--	--	--
6/8/2000	489	--	--	--	--	--	--	--	--	--	--	--
9/25/2000	4380	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	5600	--	--	--	--	--	--	--	--	--	--	--
3/5/2001	3790	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	1300	--	--	--	--	--	--	--	--	--	--	--
9/17/2001	290	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	700	26	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
3/15/2002	3600	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	1300	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	ND<100	--	--	--	--	--	--	--	--	--	--	--
12/30/2002	1800	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--
3/26/2003	2600	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--
6/10/2003	350	ND<100	ND<500	ND<2.0	--	5.3	ND<2.0	ND<2.0	ND<2.0	--	--	--
9/9/2003	270	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	800	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	1100	--	--	--	--	--	--	--	--	--	--	--



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-3 continued</b>												
6/21/2004	210	--	--	--	--	--	--	--	--	--	--	--
9/8/2004	130	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	800	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	2400	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	410	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	1400	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	520	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	920	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	190	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	520	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	660	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	1100	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	770	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	340	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	940	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	380	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	240	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	250	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	210	--	--	--	--	--	--	--	--	--	--	--
<b>MW-3B</b>												
6/18/2010	ND<50	--	--	ND<0.50	--	5.0	--	--	--	--	--	--
<b>MW-4</b>												
9/18/1996	200	--	--	--	--	--	--	--	--	--	--	--
12/21/1996	ND	--	--	--	--	--	--	--	--	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	Ethanol		Ethylene-	EDB	I,2-DCA	DIPE	ETBE	TAME	Bromo- benzene	Bromo- chloro- methane	Bromo- dichloro- methane
	TPH-D (µg/l)	TBA (µg/l)	(8260B) (µg/l)	(EDB) (µg/l)	(504) (µg/l)						
MW-4 continued											
3/7/1997	ND	--	--	--	--	--	--	--	--	--	--
6/27/1997	ND	--	--	--	--	--	--	--	--	--	--
9/29/1997	ND	--	--	--	--	--	--	--	--	--	--
12/15/1997	ND	--	--	--	--	--	--	--	--	--	--
3/16/1998	ND	--	--	--	--	--	--	--	--	--	--
6/26/1998	630	--	--	--	--	--	--	--	--	--	--
9/22/1998	74	--	--	--	--	--	--	--	--	--	--
12/15/1998	ND	--	--	--	--	--	--	--	--	--	--
3/15/1999	ND	--	--	--	--	--	--	--	--	--	--
6/7/1999	ND	--	--	--	--	--	--	--	--	--	--
9/3/1999	66	ND	ND	--	--	ND	ND	ND	--	--	--
12/6/1999	95	--	--	--	--	--	--	--	--	--	--
3/10/2000	ND	--	--	--	--	--	--	--	--	--	--
6/8/2000	72.8	--	--	--	--	--	--	--	--	--	--
6/10/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
9/9/2003	ND<50	--	--	--	--	--	--	--	--	--	--
12/10/2003	ND<50	--	--	--	--	--	--	--	--	--	--
3/9/2004	56	--	--	--	--	--	--	--	--	--	--
6/21/2004	59	--	--	--	--	--	--	--	--	--	--
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--
3/17/2005	ND<50	--	--	--	--	--	--	--	--	--	--
6/15/2005	ND<50	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-4 continued</b>												
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	66	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	ND<56	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	140	--	--	--	--	--	--	--	--	--	--	--
12/17/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	ND<50	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
<b>MW-5</b>												
9/18/1996	4700	--	--	--	--	--	--	--	--	--	--	--
12/21/1996	4700	--	--	--	--	--	--	--	--	--	--	--
3/7/1997	2100	--	--	--	--	--	--	--	--	--	--	--
6/26/1998	230000	--	--	--	--	--	--	--	--	--	--	--
6/7/1999	4700000	ND	ND	--	--	--	ND	ND	ND	--	--	--
3/9/2004	110000	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	190000	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	84000	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled												
	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-5 continued</b>												
6/15/2007	29000	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	33000	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	23000	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	44000	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	5100	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	9000	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	7500	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	5400	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	15000	--	--	--	--	--	--	--	--	--	--	--
9/10/2010	16000	--	--	ND<12	ND<0.010	ND<12	--	--	--	--	--	--
<b>MW-6</b>												
9/18/1996	ND	--	--	--	--	--	--	--	--	--	--	--
12/21/1996	ND	--	--	--	--	--	--	--	--	--	--	--
3/7/1997	190	--	--	--	--	--	--	--	--	--	--	--
6/27/1997	73	--	--	--	--	--	--	--	--	--	--	--
9/29/1997	ND	--	--	--	--	--	--	--	--	--	--	--
12/15/1997	ND	--	--	--	--	--	--	--	--	--	--	--
3/16/1998	100	--	--	--	--	--	--	--	--	--	--	--
6/26/1998	180	--	--	--	--	--	--	--	--	--	--	--
1/23/1999	ND	--	--	--	--	--	--	--	--	--	--	--
3/15/1999	71	--	--	--	--	--	--	--	--	--	--	--
6/7/1999	160	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	ND	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	110	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	150	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-6 continued</b>												
6/15/2005	120	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	85	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	81	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	90	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	310	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	130	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	73	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	77	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	73	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	130	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	55	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	ND<56	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	ND<59	--	--	ND<0.50	--	2.9	--	--	--	--	--	--
<b>MW-7</b>												
8/18/1998	1400	--	--	--	--	--	--	--	--	--	--	--
9/22/1998	780	--	--	--	--	--	--	--	--	--	--	--
12/15/1998	350	--	--	--	--	--	--	--	--	--	--	--
3/15/1999	460	610	ND	--	--	--	4.3	ND	ND	--	--	--
6/7/1999	550	--	--	--	--	--	--	--	--	--	--	--
9/3/1999	550	460	ND	--	--	--	4.36	ND	ND	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-7 continued												
12/6/1999	220	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	930	--	--	--	--	--	--	--	--	--	--	--
6/8/2000	463	--	--	--	--	--	--	--	--	--	--	--
9/25/2000	1810	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	930	--	--	--	--	--	--	--	--	--	--	--
3/5/2001	801	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	710	--	--	--	--	--	--	--	--	--	--	--
9/17/2001	860	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	470	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--
3/15/2002	830	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	710	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	300	--	--	--	--	--	--	--	--	--	--	--
12/30/2002	220	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--
3/26/2003	560	ND<2000	ND<10000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--
6/10/2003	610	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--
9/9/2003	430	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	450	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	640	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	630	--	--	--	--	--	--	--	--	--	--	--
9/8/2004	270	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	160	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	380	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	630	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	280	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol	Ethylene-	EDB	1,2-DCA	DIPE	ETBE	TAME	Bromo-	Bromo-	Bromo-
	(µg/l)	(µg/l)	(8260B) (µg/l)	dibromide (EDB) (µg/l)	(504) (µg/l)	(EDC) (µg/l)	(µg/l)	(µg/l)	(µg/l)	benzene (µg/l)	chloro- methane (µg/l)	dichloro- methane (µg/l)
<b>MW-7 continued</b>												
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	260	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	140	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	99	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	140	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	78	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	140	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	71	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	630	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<56	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	120	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	110	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	69	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	110	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	--	--	--	ND<0.50	--	ND<0.50	--	--	--	ND<0.50	ND<0.50	ND<0.50
<b>MW-8</b>												
6/26/1998	80	--	--	--	--	--	--	--	--	--	--	--
9/22/1998	120	--	--	--	--	--	--	--	--	--	--	--
12/15/1998	ND	--	--	--	--	--	--	--	--	--	--	--
3/23/1999	60	--	--	--	--	--	--	--	--	--	--	--
6/7/1999	ND	--	--	--	--	--	--	--	--	--	--	--
9/3/1999	130	ND	ND	--	--	--	12.4	ND	ND	--	--	--
12/6/1999	160	--	--	--	--	--	--	--	--	--	--	--
3/10/2000	61	--	--	--	--	--	--	--	--	--	--	--
6/8/2000	135	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-8 continued												
9/25/2000	518	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	100	--	--	--	--	--	--	--	--	--	--	--
3/5/2001	161	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	94	--	--	--	--	--	--	--	--	--	--	--
9/17/2001	60	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	ND<52	77	ND<500	ND<1.0	--	ND<1.0	9.8	ND<1.0	ND<1.0	--	--	--
3/15/2002	69	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	130	--	--	--	--	--	--	--	--	--	--	--
12/30/2002	76	ND<100	ND<500	ND<2.0	--	ND<2.0	7.1	ND<2.0	ND<2.0	--	--	--
3/26/2003	120	ND<100	ND<500	ND<2.0	--	ND<2.0	7.1	ND<2.0	ND<2.0	--	--	--
6/10/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
9/9/2003	58	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	86	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	92	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	87	--	--	--	--	--	--	--	--	--	--	--
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	56	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	53	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--



Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-8 continued</b>												
12/11/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	60	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	58	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	53	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	72	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	50	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	62	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	--	--	--	ND<0.50	--	ND<0.50	--	--	--	ND<0.50	ND<0.50	ND<0.50
<b>MW-9</b>												
12/6/1999	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
3/10/2000	150	--	--	--	--	--	--	--	--	--	--	--
6/8/2000	67.8	--	--	--	--	--	--	--	--	--	--	--
9/25/2000	903	--	--	--	--	--	--	--	--	--	--	--
12/19/2000	ND	--	--	--	--	--	--	--	--	--	--	--
3/5/2001	96.5	--	--	--	--	--	--	--	--	--	--	--
6/14/2001	ND	--	--	--	--	--	--	--	--	--	--	--
9/17/2001	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	ND<52	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
3/15/2002	ND<51	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	ND<110	--	--	--	--	--	--	--	--	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-9 continued												
12/30/2002	59	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
3/26/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
6/10/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
9/9/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	52	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	110	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled												
	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-9 continued</b>												
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/17/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	ND<50	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
<b>MW-10</b>												
3/10/2000	78	ND	--	ND	--	22	ND	ND	ND	--	--	--
6/10/2003	65	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
3/9/2004	140	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	71	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	92	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	190	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	120	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	130	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	59	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	74	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	190	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	53	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	Ethanol		Ethylene-	EDB	1,2-DCA	DIPE	ETBE	TAME	Bromo-	Bromo-	Bromo-	
	TPH-D	TBA	(8260B)	dibromide	(504)							(EDC)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-10 continued												
6/22/2009	ND<50	--	--	--	--	--	--	--	--	--	--	
6/18/2010	ND<60	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	
MW-11												
9/25/2001	ND<50	--	--	--	--	--	--	--	--	--	--	
12/17/2001	110	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	
3/15/2002	140	--	--	--	--	--	--	--	--	--	--	
6/20/2002	ND<60	--	--	--	--	--	--	--	--	--	--	
9/27/2002	ND<110	--	--	--	--	--	--	--	--	--	--	
12/30/2002	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
3/26/2003	54	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
6/10/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	
9/9/2003	ND<50	--	--	--	--	--	--	--	--	--	--	
12/10/2003	ND<50	--	--	--	--	--	--	--	--	--	--	
3/9/2004	ND<50	--	--	--	--	--	--	--	--	--	--	
6/21/2004	ND<50	--	--	--	--	--	--	--	--	--	--	
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--	
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--	
3/17/2005	85	--	--	--	--	--	--	--	--	--	--	
6/15/2005	170	--	--	--	--	--	--	--	--	--	--	
9/20/2005	210	--	--	--	--	--	--	--	--	--	--	
12/29/2005	ND<200	--	--	--	--	--	--	--	--	--	--	
3/15/2006	ND<200	--	--	--	--	--	--	--	--	--	--	
6/28/2006	ND<200	--	--	--	--	--	--	--	--	--	--	
9/28/2006	51	--	--	--	--	--	--	--	--	--	--	
12/11/2006	74	--	--	--	--	--	--	--	--	--	--	

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled												
	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-11 continued</b>												
3/19/2007	63	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	70	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	78	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	51	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	87	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	90	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	76	--	--	--	--	--	--	--	--	--	--	--
12/17/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	ND<50	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
<b>MW-12</b>												
9/25/2001	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/17/2001	77	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
3/15/2002	ND<51	--	--	--	--	--	--	--	--	--	--	--
6/20/2002	ND<58	--	--	--	--	--	--	--	--	--	--	--
9/27/2002	ND<100	--	--	--	--	--	--	--	--	--	--	--
12/30/2002	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
3/26/2003	ND<50	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
6/10/2003	ND<50	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
9/9/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/10/2003	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/9/2004	220	--	--	--	--	--	--	--	--	--	--	--
6/21/2004	180	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	TPH-D (µg/l)	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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)
MW-12 continued												
9/8/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/17/2005	350	--	--	--	--	--	--	--	--	--	--	--
6/15/2005	330	--	--	--	--	--	--	--	--	--	--	--
9/20/2005	250	--	--	--	--	--	--	--	--	--	--	--
12/29/2005	320	--	--	--	--	--	--	--	--	--	--	--
3/15/2006	240	--	--	--	--	--	--	--	--	--	--	--
6/28/2006	210	--	--	--	--	--	--	--	--	--	--	--
9/28/2006	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/11/2006	120	--	--	--	--	--	--	--	--	--	--	--
3/19/2007	99	--	--	--	--	--	--	--	--	--	--	--
6/15/2007	66	--	--	--	--	--	--	--	--	--	--	--
9/24/2007	71	--	--	--	--	--	--	--	--	--	--	--
12/27/2007	ND<50	--	--	--	--	--	--	--	--	--	--	--
3/25/2008	58	--	--	--	--	--	--	--	--	--	--	--
6/6/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/8/2008	50	--	--	--	--	--	--	--	--	--	--	--
3/26/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/22/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
12/17/2009	ND<50	--	--	--	--	--	--	--	--	--	--	--
6/18/2010	ND<50	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
MW-13												
4/26/2010	ND<50	--	--	--	--	--	--	--	--	--	--	--
9/10/2010	--	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	Bromo- form (µg/l)	Bromo- methane (µg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon				2- Chloro- toluene (µg/l)	4-Chloro- toluene (µg/l)	
						Tetra- chloride (µg/l)	Chloro- benzene (µg/l)	Chloro- ethane (µg/l)	Chloroform (µg/l)			
<b>MW-7</b> 6/18/2010	ND<0.50	ND<1.0	ND<0.50	1.0	0.85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-8</b> 6/18/2010	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 c**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	1,2Dibrom- 3-chloro- propane (µg/l)	Dibromo- chloro- methane (µg/l)	Dibromo- methane (µg/l)	1,2- Dichloro- benzene (µg/l)	1,3- Dichloro- benzene (µg/l)	1,4- Dichloro- benzene (µg/l)	Dichloro- difluoro- methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2-DCE (µg/l)	1,2- Dichloro- propane (µg/l)
<b>MW-7</b> 6/18/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-8</b> 6/18/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50



**Table 2 d**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	1,3-Dichloropropane (µg/l)	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)
<b>MW-7</b> 6/18/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.63	ND<0.50	ND<1.0	ND<0.50	0.51	ND<0.50
<b>MW-8</b> 6/18/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50

Table 2 e  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	1,1,1,2-Tetrachloroethane (µg/l)	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloroethene (PCE) (µg/l)	Trichlorotrifluoroethane (µg/l)	1,2,4-Trichlorobenzene (µg/l)	1,2,3-Trichlorobenzene (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	Trichloroethene (TCE) (µg/l)	Trichlorofluoromethane (µg/l)	1,2,3-Trichloropropane (µg/l)	1,2,4-Trimethylbenzene (µg/l)
<b>MW-7</b> 6/18/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
<b>MW-8</b> 6/18/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50

**Table 2 f**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	1,3,5-Trimethylbenzene (µg/l)	Vinyl chloride (µg/l)	Acenaphthene (µg/l)	Acenaphthylene (svoc) (µg/l)	Aldrin (µg/l)	Aniline (µg/l)	Anthracene (µg/l)	Benzidine (µg/l)	Benzo[a]anthracene (µg/l)	Benzo[a]pyrene (µg/l)	Benzo[b]fluoranthene (µg/l)	Benzo[g,h,i]perylene (µg/l)
MW-7 6/18/2010	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-8 6/18/2010	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 2 g  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	Benzo[k]-fluoranthene (µg/l)	Benzoic Acid (µg/l)	Benzyl Alcohol (µg/l)	Bis(2-chloroethoxy) methane (µg/l)	Bis(2-chloroethyl) ether (µg/l)	Bis(2-chloroisopropyl) ether (µg/l)	Bis(2-ethylhexyl) phthalate (µg/l)	4-Bromopheny phenyl ether (µg/l)	Butylbenzyl phthalate (µg/l)	alpha-BHC (µg/l)	beta-BHC (µg/l)	delta-BHC (µg/l)
<b>MW-7</b> 6/18/2010	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
<b>MW-8</b> 6/18/2010	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

**Table 2 h**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	4-Chloro- 3-methyl- gamma-BHC (µg/l)	4-Chloro- phenol (µg/l)	4-Chloro- aniline (µg/l)	2-Chloro- naphtha- lene (µg/l)	2-Chloro- phenol (µg/l)	4-Chloro- phenyl phenyl ether (µg/l)	Chrysene (µg/l)	4,4'-DDD (µg/l)	4,4'-DDE (µg/l)	4,4'-DDT (µg/l)	Dibenzo- [a,h]- anthracene (µg/l)	Dibenzo- furan (µg/l)
<b>MW-7</b> 6/18/2010	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<3.0	ND<2.0
<b>MW-8</b> 6/18/2010	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<3.0	ND<2.0

Table 2 i  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	1,2-Dichloro- benzene (svoc) (µg/l)	1,3-Dichloro- benzene (svoc) (µg/l)	1,4-Dichloro- benzene (svoc) (µg/l)	3,3-Dichloro- benzidine (µg/l)	Dieldrin (µg/l)	2,4-Dichloro- phenol (µg/l)	Diethyl phthalate (µg/l)	2,4-Dimethyl- phenol (µg/l)	Dimethyl phthalate (µg/l)	Di-n-butyl phthalate (µg/l)	2,4-Dinitro- phenol (µg/l)	2,4-Dinitro- toluene (µg/l)
<b>MW-7</b> 6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
<b>MW-8</b> 6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

**Table 2 j**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	2,6-Dinitro-toluene (µg/l)	Di-n-octyl phthalate (µg/l)	1,2-Diphenyl hydrazine (µg/l)	Endosulfan I (µg/l)	Endosulfan II (µg/l)	Endosulfan sulfate (µg/l)	Endrin (µg/l)	Endrin aldehyde (µg/l)	Fluoran-thene (µg/l)	Fluorene (µg/l)	Heptachlor (µg/l)	Heptachlor epoxide (µg/l)
<b>MW-7</b>												
6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<10	ND<3.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0
<b>MW-8</b>												
6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<10	ND<3.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 2 k  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 7376

Date Sampled	Hexachlorobenzene (µg/l)	HCBD (svoc) (µg/l)	Hexachlorocyclopentadiene (µg/l)	Hexachloro-ethane (µg/l)	Indeno-[1,2,3-c,d]pyrene (µg/l)	Isophorone (µg/l)	2-Methyl-4,6-dinitrophenol (µg/l)	2-Methylnaphthalene (µg/l)	2-Methylphenol (µg/l)	Naphthalene (svoc) (µg/l)	2-Naphthylamine (µg/l)	2-Nitroaniline (µg/l)
MW-7 6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0
MW-8 6/18/2010	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0



**Table 2 I**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

Date Sampled	3-Nitro-aniline (µg/l)	4-Nitro-aniline (µg/l)	Nitro-benzene (µg/l)	2-Nitro-phenol (µg/l)	4-Nitro-phenol (µg/l)	N-Nitroso-dimethyl-amine (µg/l)	N-nitrosodi-n-propyl-amine (µg/l)	N-Nitro-sodiphenyl-amine (µg/l)	Penta-chloro-phenol (µg/l)	Phen-anthrene (µg/l)	Phenol (µg/l)	Pyrene (µg/l)
<b>MW-7</b> 6/18/2010	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0
<b>MW-8</b> 6/18/2010	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0

Table 2 m  
ADDITIONAL HISTORIC ANALYTICAL RESULTS  
76 Station 7376

Date Sampled	1,2,4-Trichlorobenzene (svoc) (µg/l)	2,4,6-Trichlorophenol (µg/l)	2,4,5-Trichlorophenol (µg/l)
MW-7 6/18/2010	ND<2.0	ND<5.0	ND<5.0
MW-8 6/18/2010	ND<2.0	ND<5.0	ND<5.0

**TABLE 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 STATION 7376**

<u>WELL</u>	<u>DATE</u>	<u>LPH Recovered(Gallons)</u>
MW-5	6/28/06	0.02
MW-5	7/12/06	0.00
MW-5	8/7/06	0.00
MW-5	9/15/06	0.00
MW-5	9/28/06	0.01
MW-5	10/10/06	0.00
MW-5	10/30/06	0.00
MW-5	11/10/06	0.00
MW-5	11/22/06	0.00
MW-5	12/11/06	0.02
MW-5	12/21/06	0.00
MW-5	1/5/07	0.01
MW-5	1/15/07	0.00
MW-5	2/5/07	0.00
MW-5	2/20/07	0.00
MW-5	3/8/07	0.00
MW-5	4/12/07	0.00
MW-5	4/30/07	0.03
MW-5	5/7/07	0.00
MW-5	5/23/07	0.00
MW-5	6/28/07	0.00
MW-5	7/19/07	0.00
MW-5	8/1/07	0.00
MW-5	8/13/07	0.00
MW-5	8/27/07	0.00
MW-5	9/14/07	0.00
MW-5	10/16/07	0.00
MW-5	10/29/07	0.00
MW-5	11/16/07	0.00
MW-5	12/7/07	0.00
MW-5	1/7/08	0.00
MW-5	1/28/08	0.00
MW-5	2/15/08	0.00
MW-5	2/29/08	0.00
MW-5	3/25/08	0.00
MW-5	4/11/08	0.00
MW-5	4/22/08	0.00
MW-5	5/5/08	0.00
MW-5	5/20/08	0.00
MW-5	6/6/08	0.00
MW-5	6/23/08	0.00
MW-5	7/1/08	0.00
MW-5	7/18/08	0.00
MW-5	8/7/08	0.00
MW-5	8/26/08	0.04
MW-5	9/16/08	0.00
MW-5	10/3/08	0.00
MW-5	10/17/08	0.00

**TABLE 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 STATION 7376**

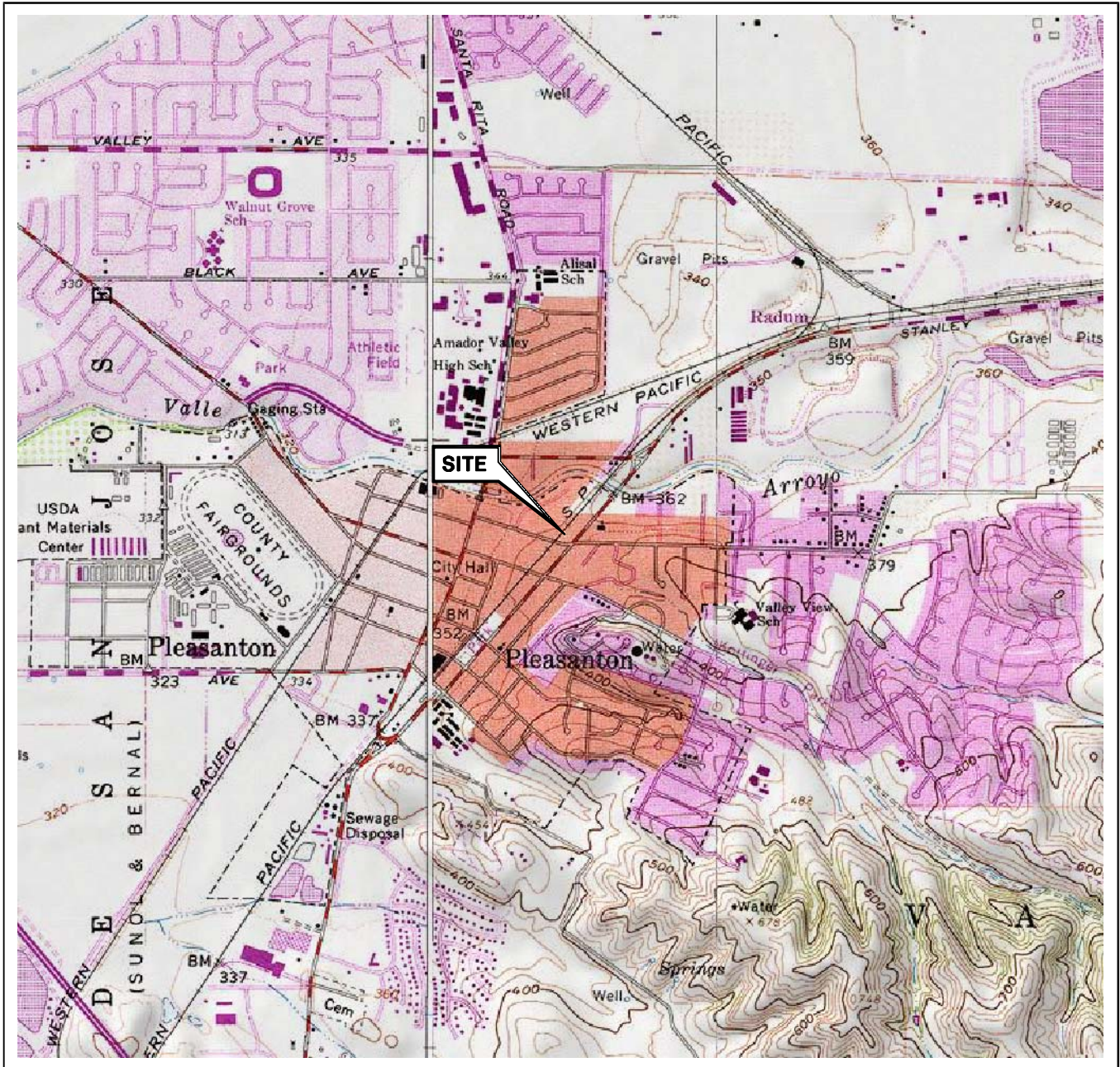
<u>WELL</u>	<u>DATE</u>	<u>LPH Recovered(Gallons)</u>
MW-5	11/5/08	0.00
MW-5	11/26/08	0.00
MW-5	12/8/08	0.01
MW-5	12/24/08	0.00
MW-5	1/15/09	0.00
MW-5	1/30/09	0.00
MW-5	2/6/09	0.00
MW-5	3/6/09	0.00
MW-5	3/26/09	0.00
MW-5	4/21/09	0.00
MW-5	5/7/09	0.00
MW-5	5/26/09	0.00
MW-5	6/12/09	0.00
MW-5	7/7/09	0.00
MW-5	7/27/09	0.00
MW-5	8/3/09	0.00
MW-5	8/19/09	0.00
MW-5	9/22/09	0.00
MW-5	10/6/09	0.00
MW-5	10/26/09	0.00
MW-5	11/3/09	0.00
MW-5	11/23/09	0.00
MW-5	12/10/09	0.00
MW-5	1/7/10	0.00
MW-5	1/18/10	0.00
MW-5	2/16/10	0.00
MW-5	3/9/10	0.00
MW-5	3/22/10	0.00
MW-5	4/9/10	0.00
MW-5	4/22/10	0.00
MW-5	5/7/10	0.00
MW-5	5/18/10	0.00
MW-5	6/3/10	0.00
MW-5	7/2/10	0.00
MW-5	8/6/10	0.00
MW-5	8/31/10	0.00
MW-5	9/20/10	0.00

**Total LPH Recovered (gallons):                    0.14**

Table 4  
**FUEL FINGERPRINT RESULTS**  
 76 Station 7376

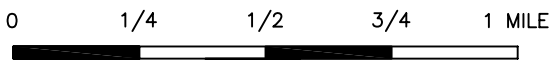
Well No.	Monitoring Date	TPH - Light Naptha (µg/l)	TPH - Aviation Gas (µg/l)	TPH - Stoddard Solvent (µg/l)	TPH - Heavy Naptha (µg/l)	TPH - Gasoline (µg/l)	TPH - Jet Fuel (JP4) (µg/l)	TPH - Jet Fuel (JP5) (µg/l)	TPH - Jet Fuel (JP8) (µg/l)	TPH - Kerosene (µg/l)	TPH - Diesel (FFP) (µg/l)	TPH- Fuel Oil #6 (µg/l)	TPH- Crude Oil (µg/l)	TPH - Hydraulic Oil / Motor Oil (µg/l)	TPH - WD-40 (µg/l)
MW-6	12/17/2009	ND<200	ND<200	ND<50	ND<50	ND<200	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<200	ND<200	ND<50
MW-7	12/17/2009	ND<200	ND<200	ND<50	ND<50	670	ND<50	ND<50	ND<50	ND<50	150	ND<50	ND<200	ND<200	ND<50
MW-8	12/17/2009	ND<200	ND<200	ND<50	ND<50	ND<200	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<200	ND<200	ND<50
MW-10	12/17/2009	ND<200	ND<200	ND<50	ND<50	460	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<200	ND<200	ND<50
MW-7	6/18/2010	--	--	--	--	ND<200	--	--	--	--	110	ND<50	--	ND<200	--
MW-8	6/18/2010	--	--	--	--	ND<200	--	--	--	--	ND<50	ND<50	--	ND<200	--

# FIGURES

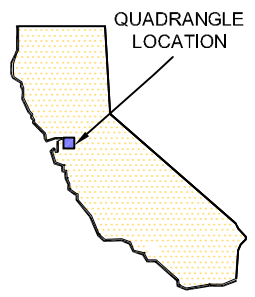


SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Livermore Quadrangle



SCALE 1:24,000



QUADRANGLE LOCATION







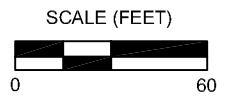
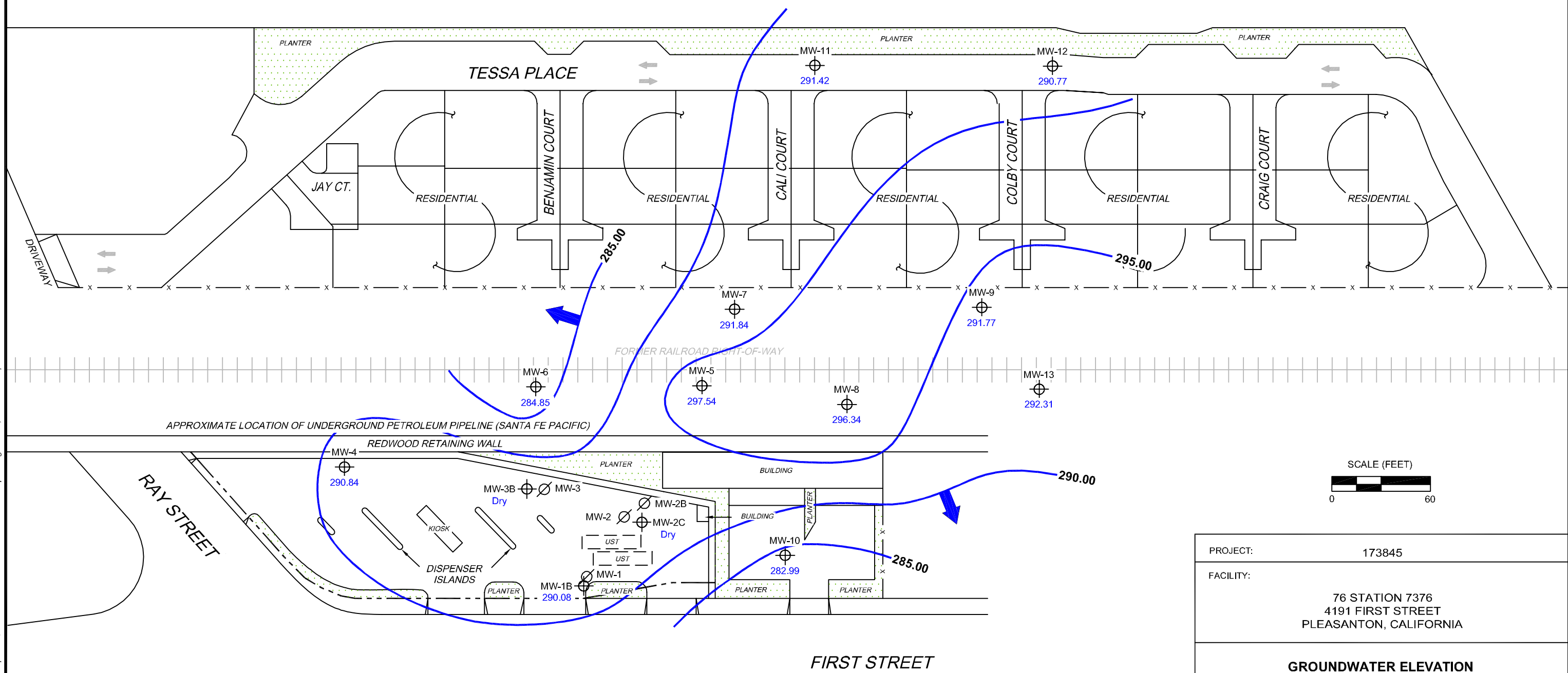
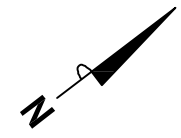
76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA

VICINITY MAP

FIGURE 1

**LEGEND**

- MW-13  Monitoring Well with Groundwater Elevation ( feet)
- MW-3  Abandoned well
- 295.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



PROJECT:	173845
FACILITY:	76 STATION 7376 4191 FIRST STREET PLEASANTON, CALIFORNIA

**GROUNDWATER ELEVATION  
CONTOUR MAP  
September 10, 2010**

**NOTES:**  
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.





**FIGURE 2**

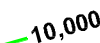
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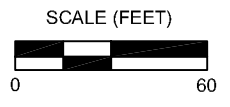
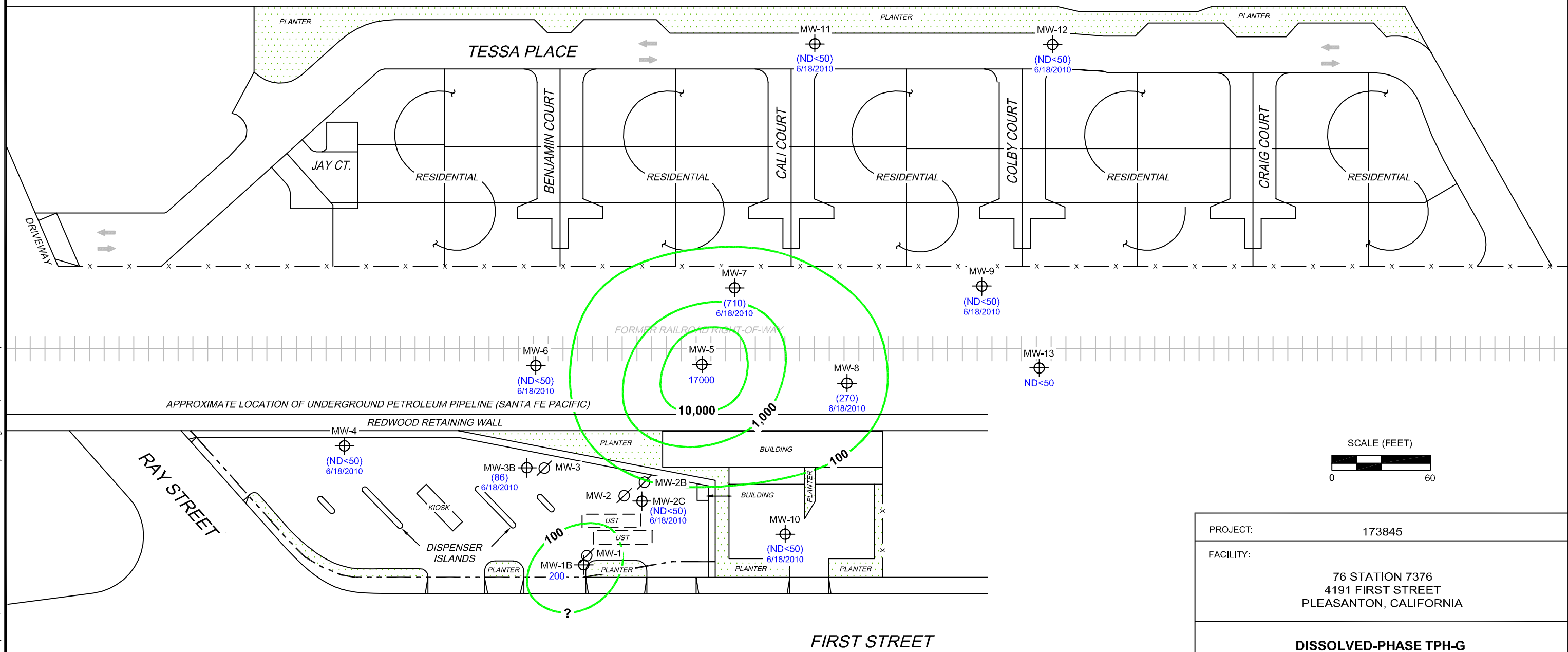
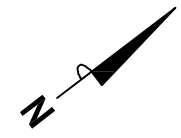


**LEGEND**

MW-13  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

MW-3  Abandoned well

 10,000 Dissolved-Phase TPH-G Contour (µg/l)



PROJECT:	173845
FACILITY:	76 STATION 7376 4191 FIRST STREET PLEASANTON, CALIFORNIA
<b>DISSOLVED-PHASE TPH-G CONCENTRATION MAP</b> September 10, 2010	


**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.  
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
 ( ) = representative historical value. UST = underground storage tank.



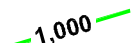
**FIGURE 3**

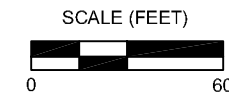
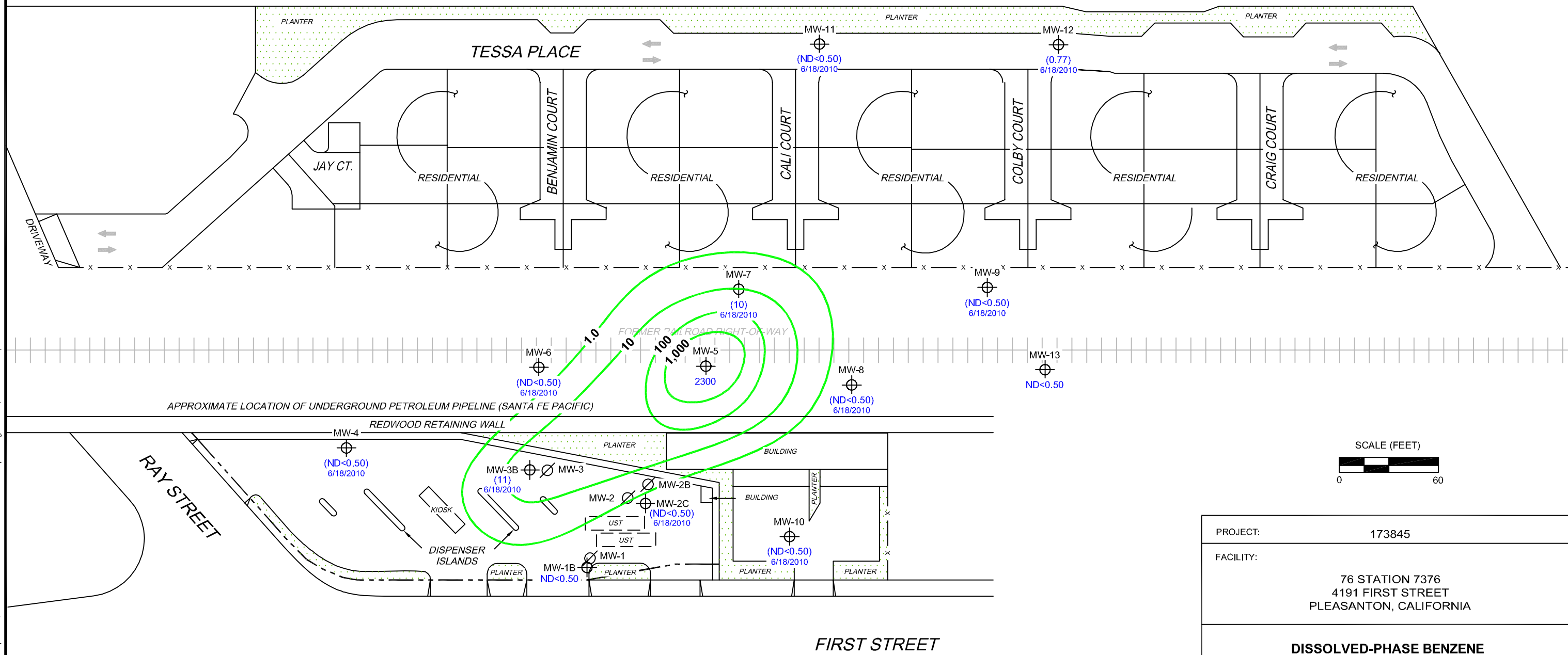
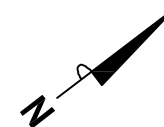
MS=1:50 7376-003 L:\Graphics\QMS NORTH-SOUTH\17376\17376qms.dwg Oct 08, 2010 - 12:20pm Rcollins

**LEGEND**

MW-13  Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ )

MW-3  Abandoned well

 1,000 Dissolved-Phase Benzene Contour ( $\mu\text{g/l}$ )



PROJECT:	173845
FACILITY:	76 STATION 7376 4191 FIRST STREET PLEASANTON, CALIFORNIA
<b>DISSOLVED-PHASE BENZENE CONCENTRATION MAP</b> September 10, 2010	




**NOTES:**  
 Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
 ( ) = representative historical value. UST = underground storage tank.

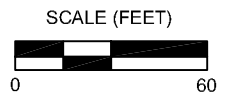
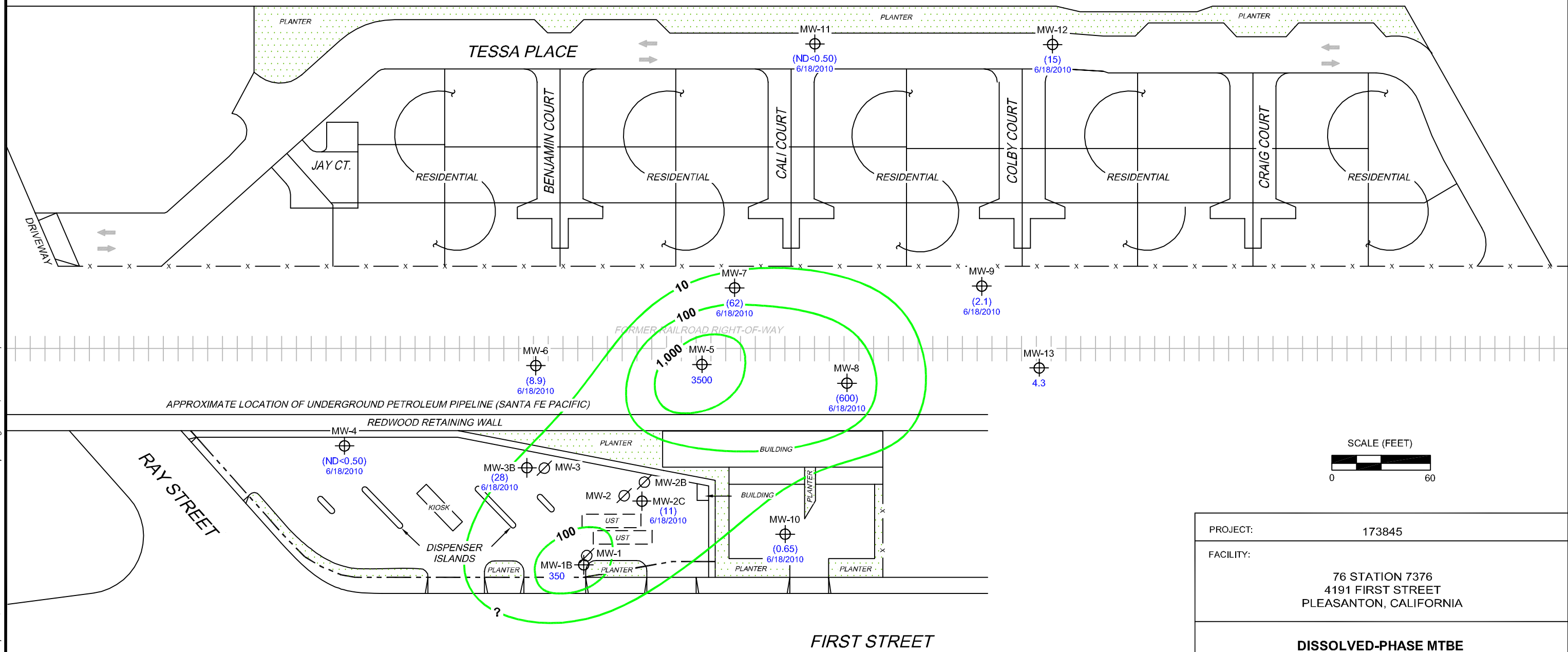
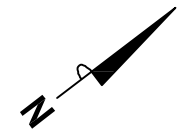


**FIGURE 4**

MS=1:50 7376-003 L:\Graphics\QMS NORTH-SOUTH\17376-003.dwg Oct 08, 2010 - 12:20pm Rcollins

**LEGEND**

- MW-13  Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )
- MW-3  Abandoned well
-  1,000 Dissolved-Phase MTBE Contour ( $\mu\text{g/l}$ )



PROJECT:	173845
FACILITY:	76 STATION 7376 4191 FIRST STREET PLEASANTON, CALIFORNIA
<b>DISSOLVED-PHASE MTBE CONCENTRATION MAP</b> September 10, 2010	

**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. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank. Results obtained using EPA Method 8260B.

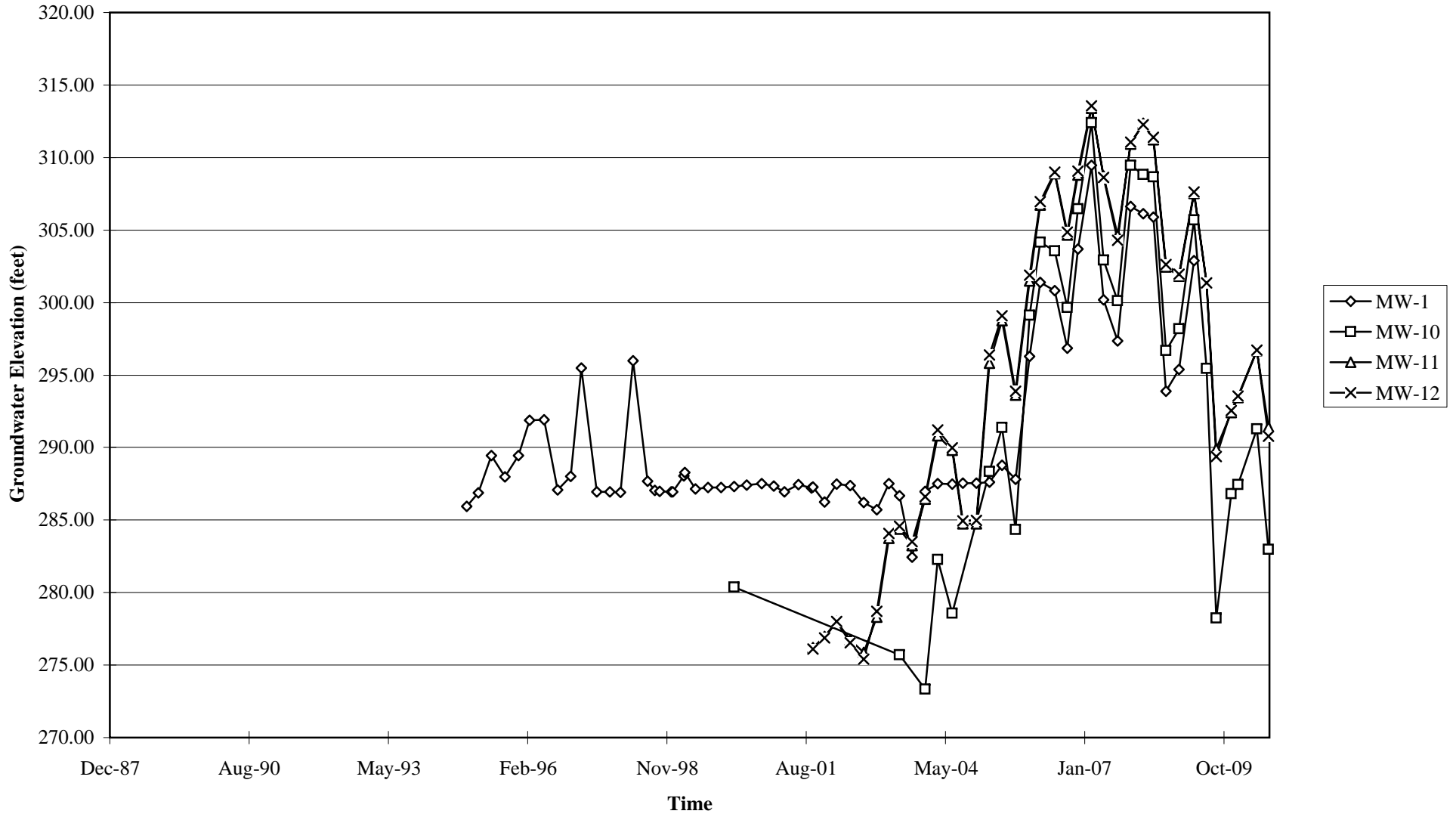


**FIGURE 5**

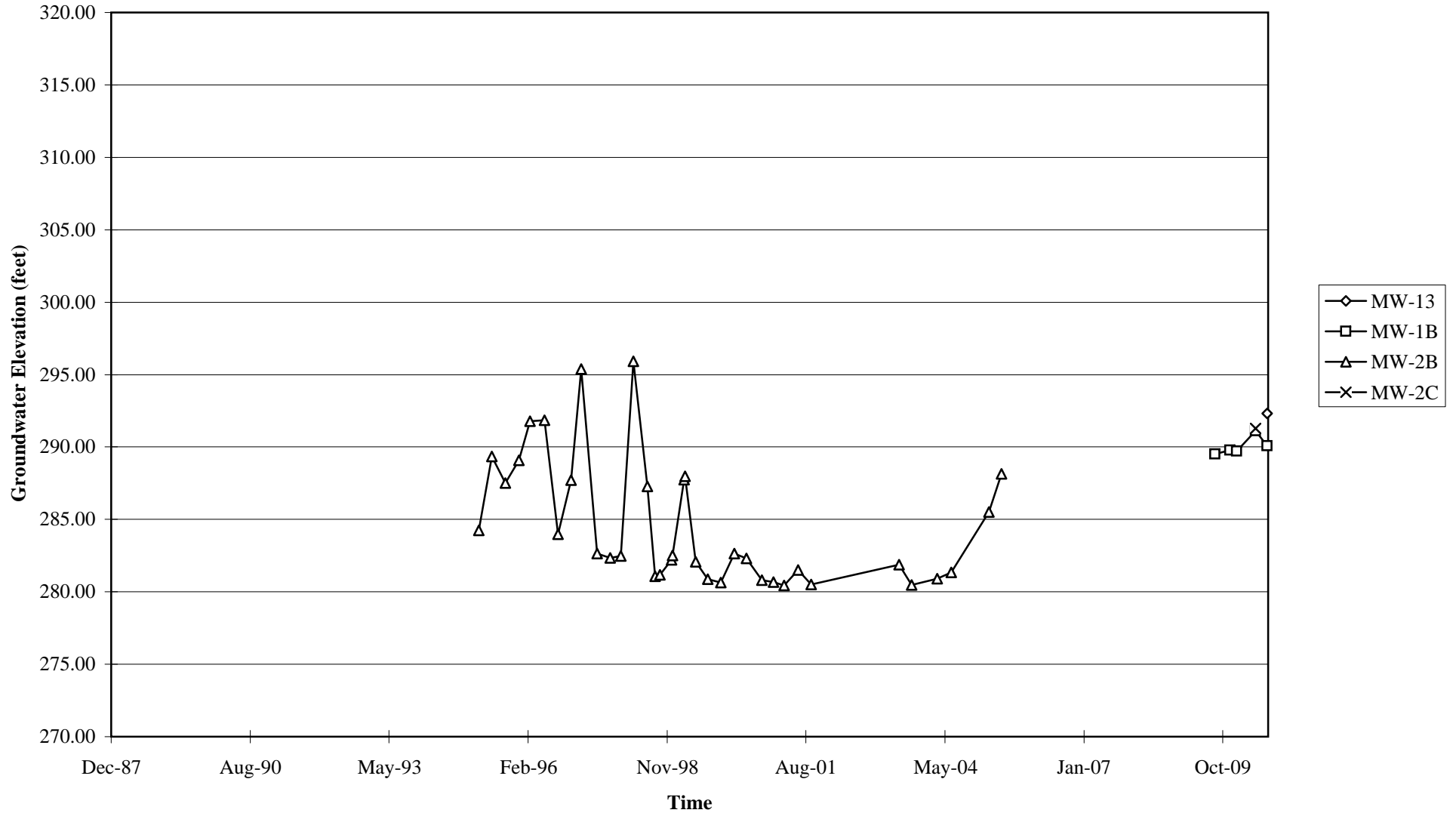
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# GRAPHS

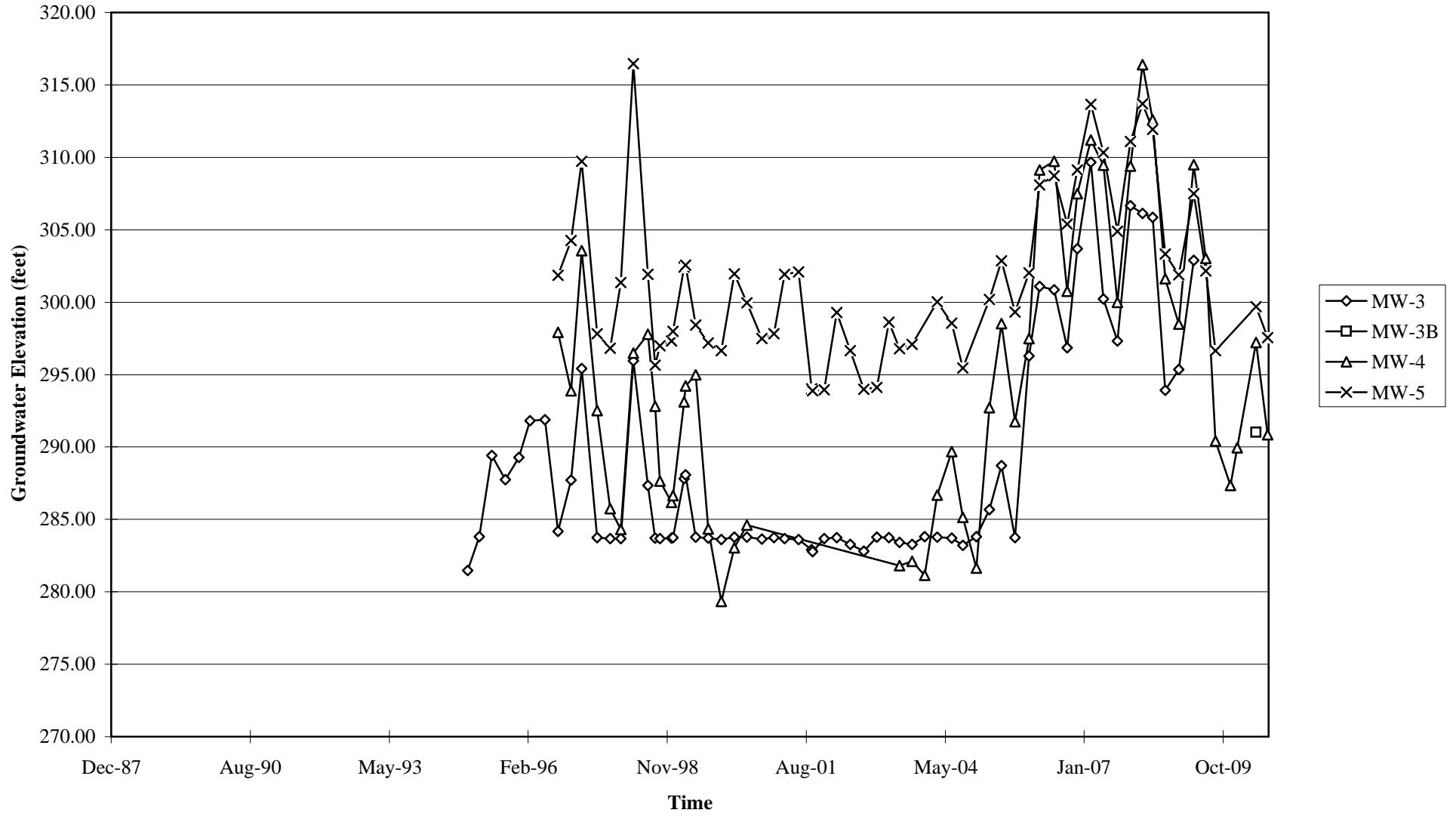
Groundwater Elevations vs. Time  
76 Station 7376



Groundwater Elevations vs. Time  
76 Station 7376

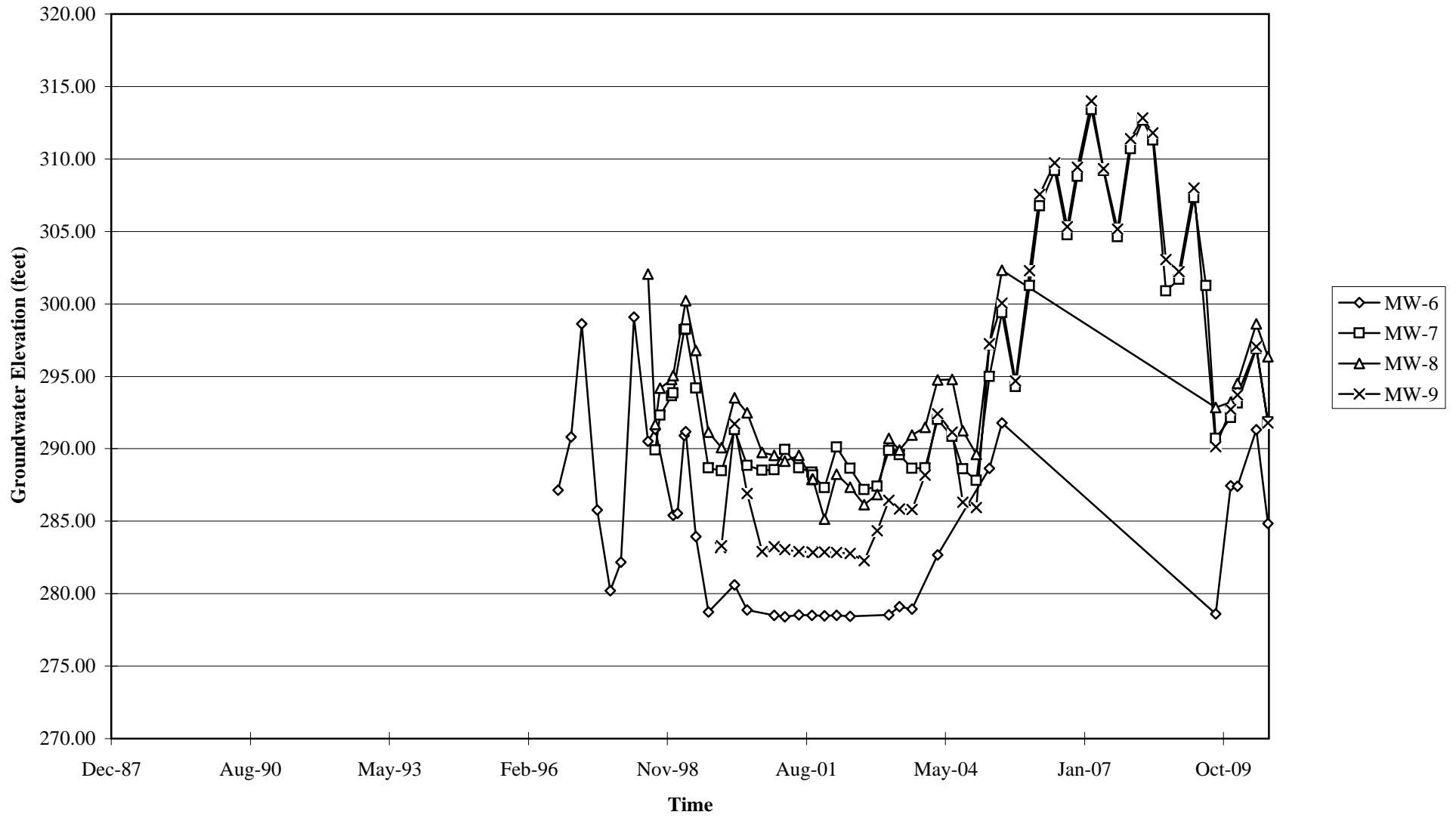


Groundwater Elevations vs. Time  
76 Station 7376



Elevations may have been corrected for apparent changes due to resurvey

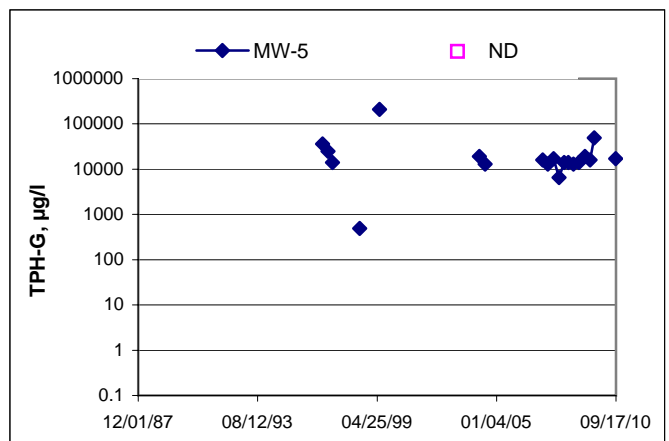
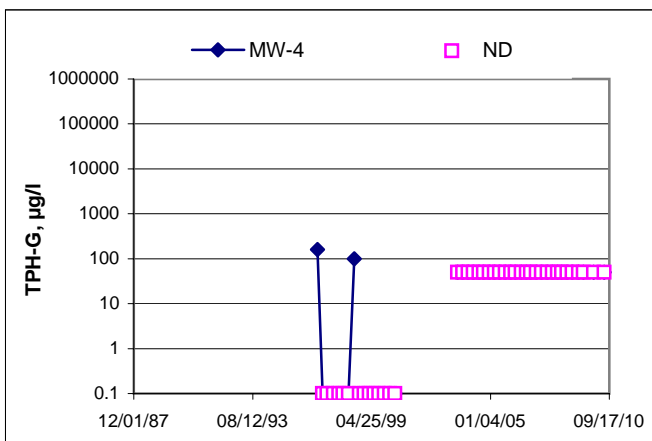
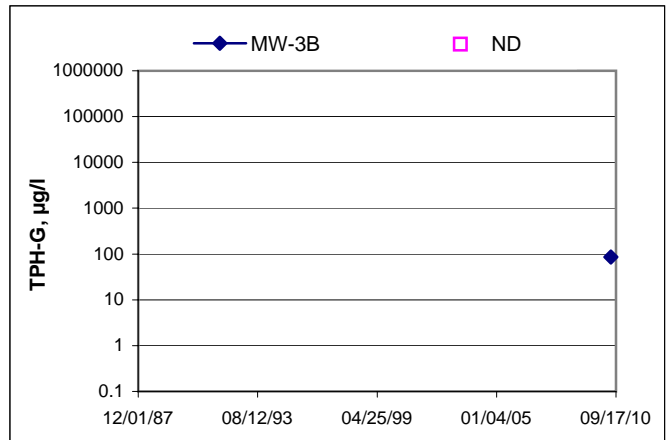
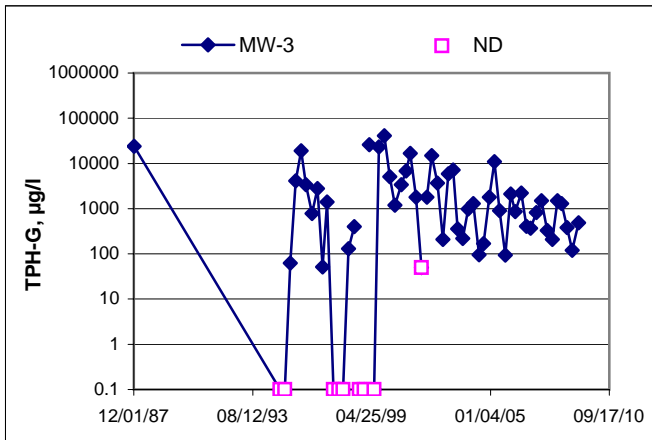
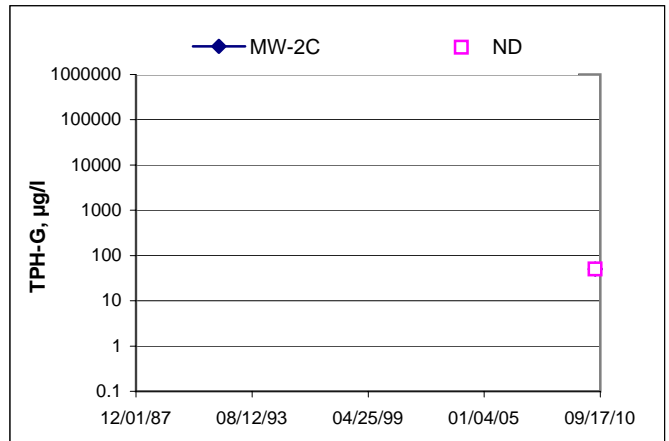
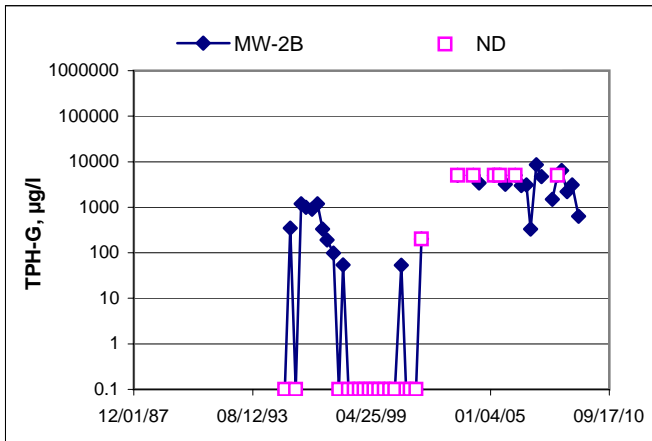
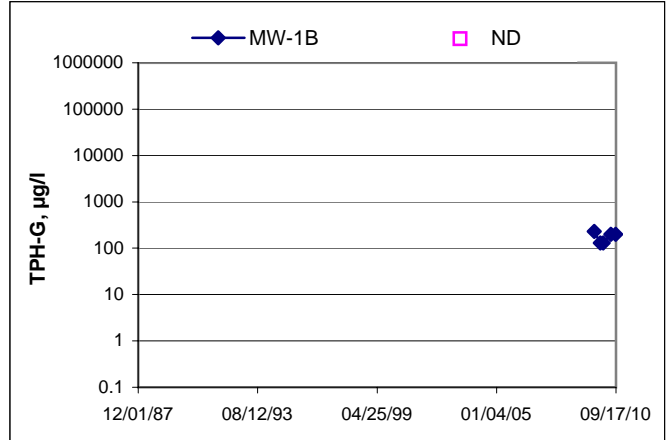
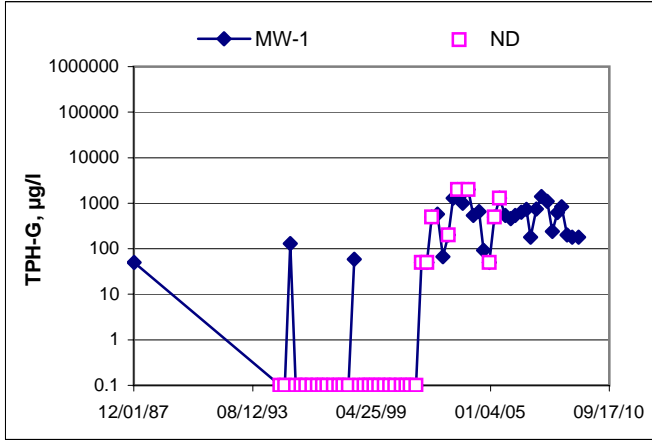
Groundwater Elevations vs. Time  
76 Station 7376



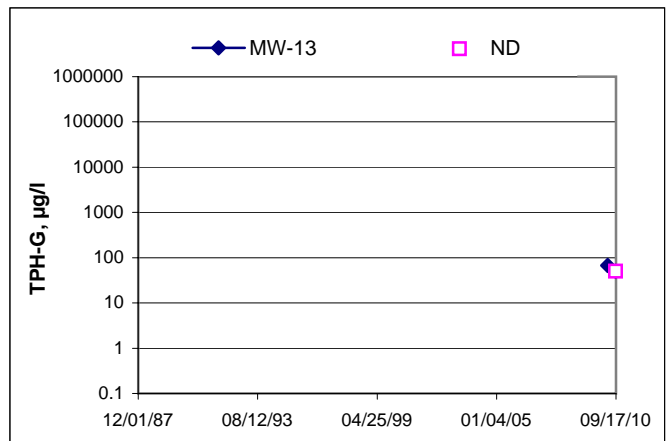
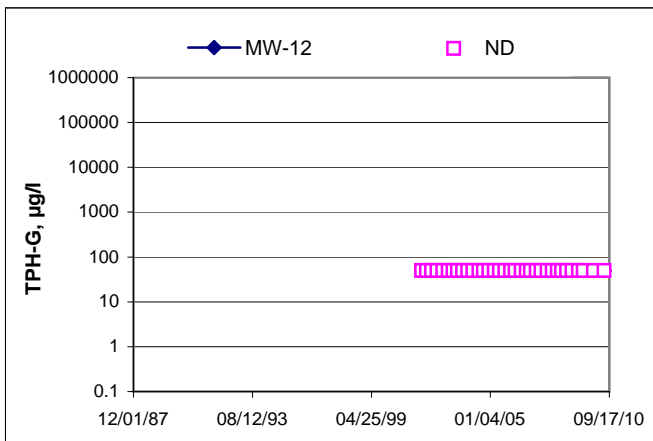
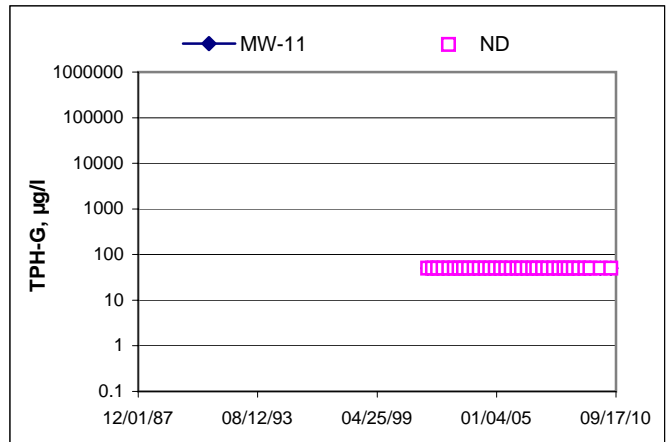
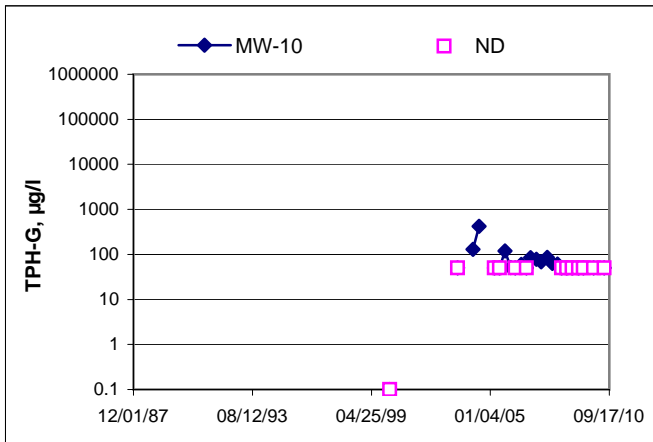
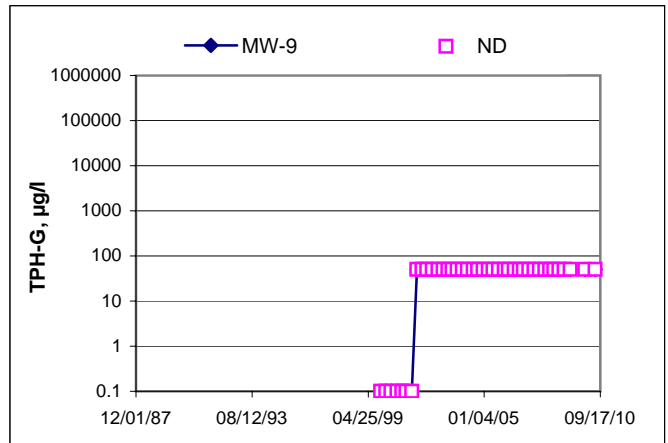
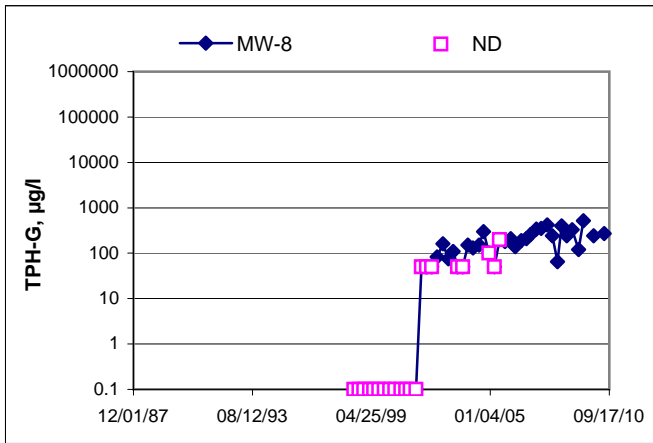
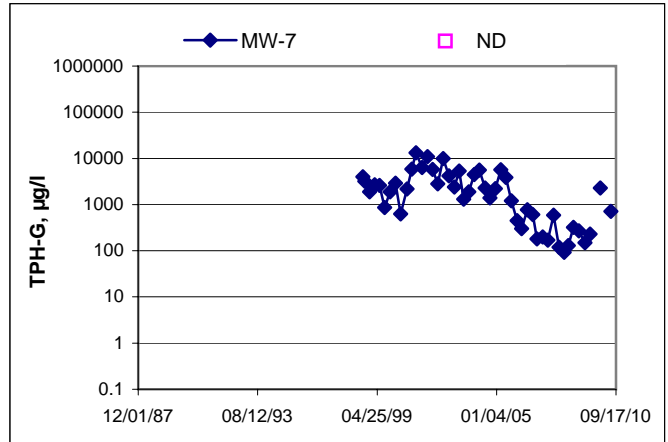
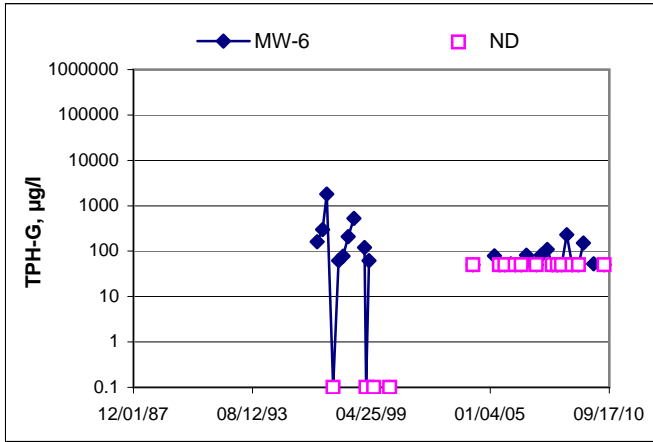
Elevations may have been corrected for apparent changes due to resurvey



TPH-G Concentrations vs Time  
76 Station 7376

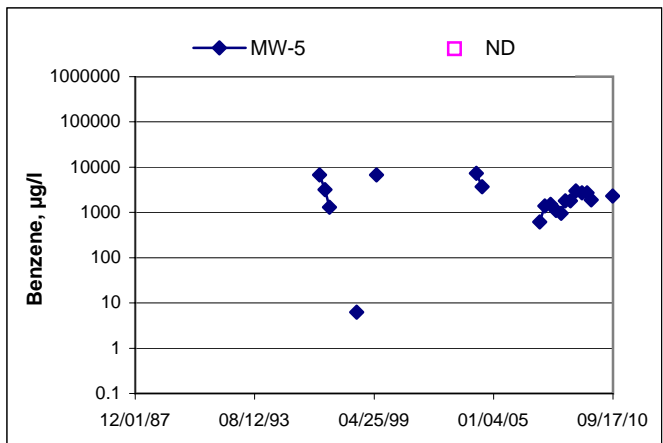
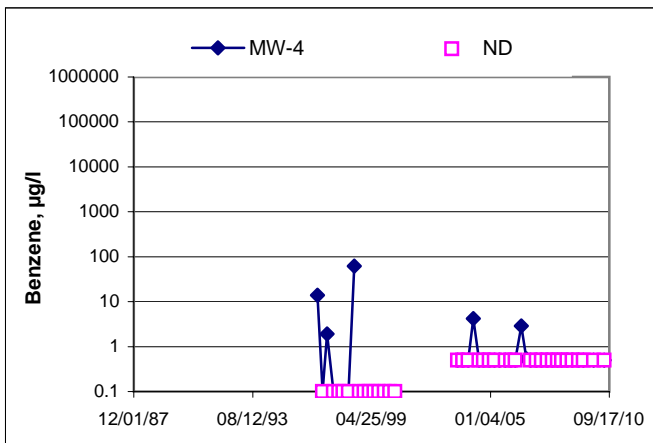
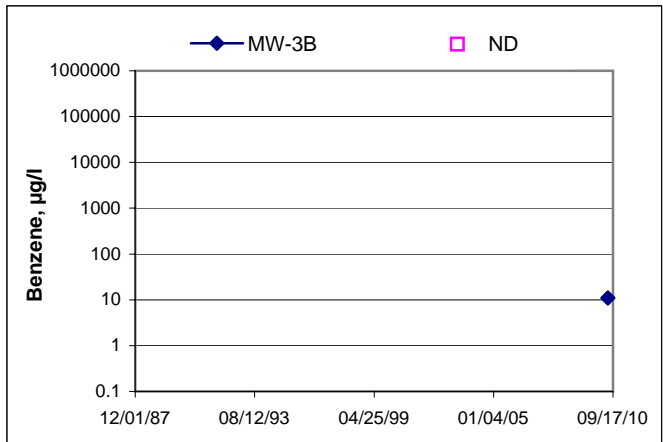
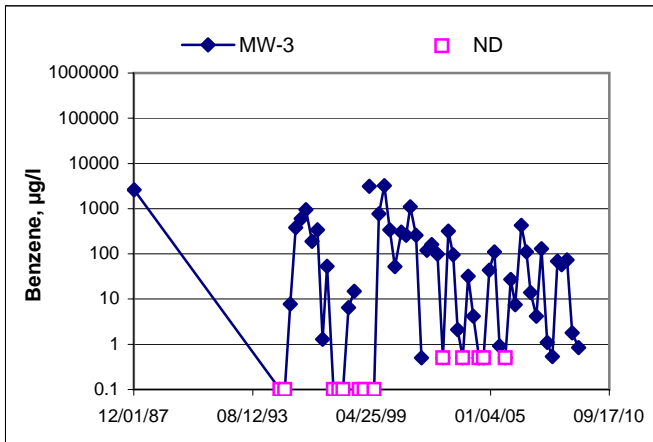
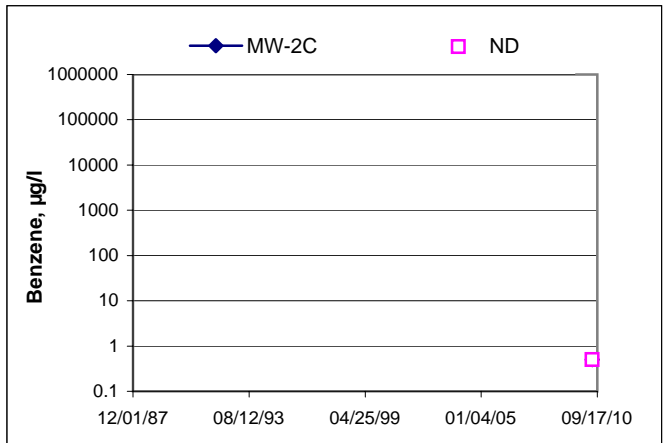
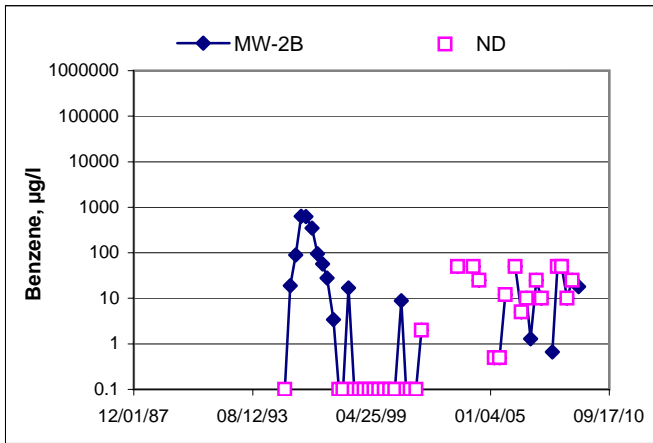
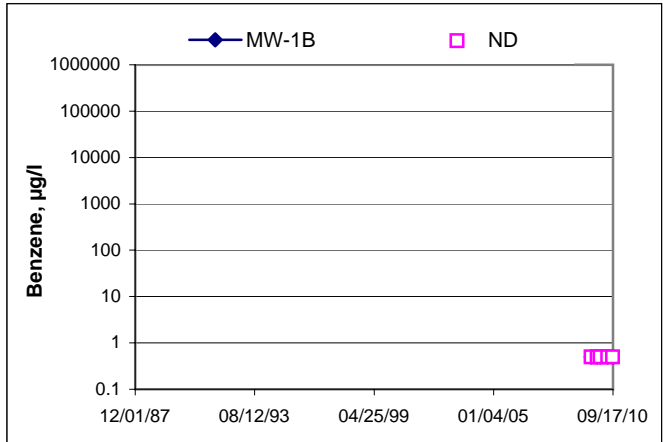
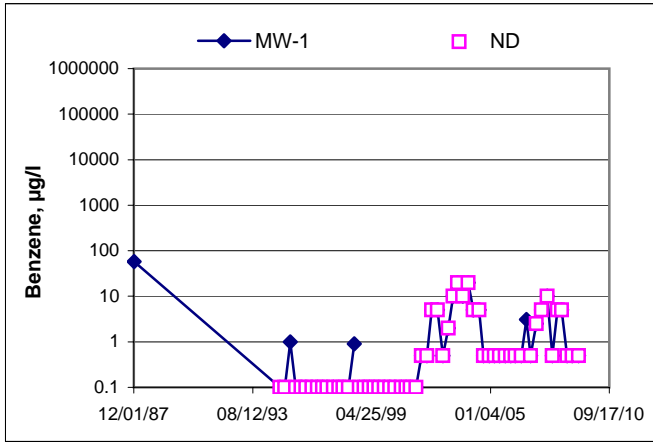


TPH-G Concentrations vs Time  
76 Station 7376



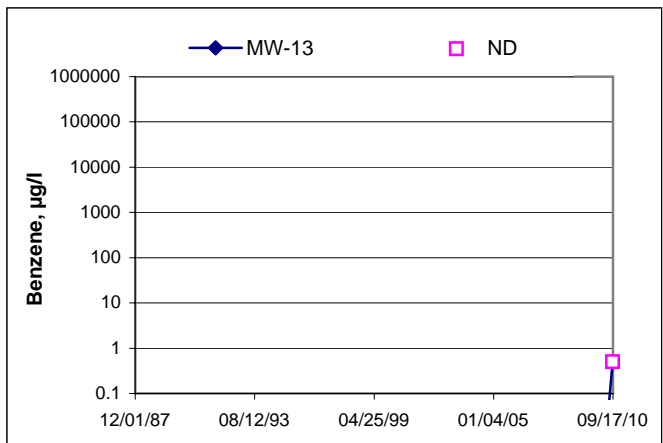
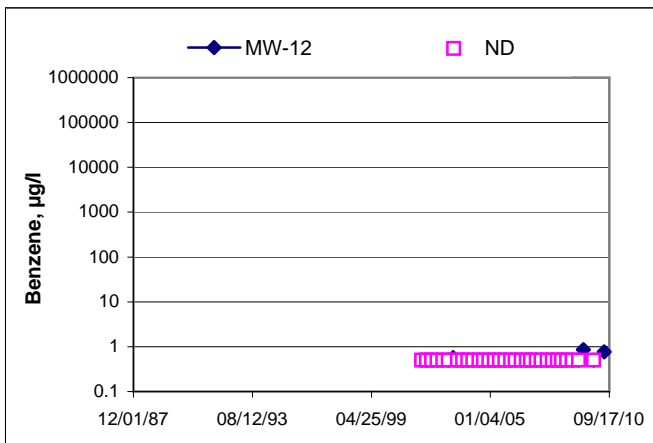
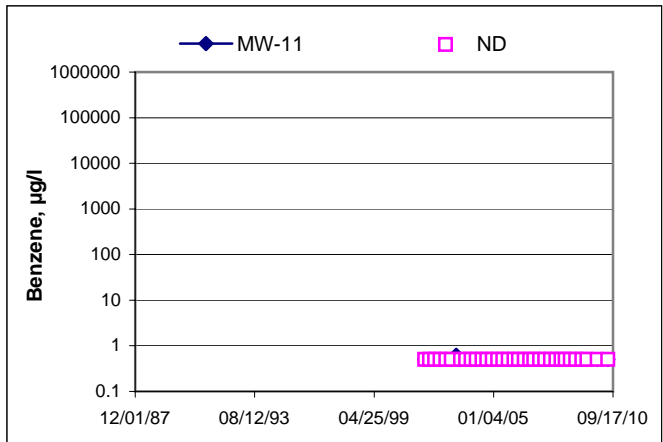
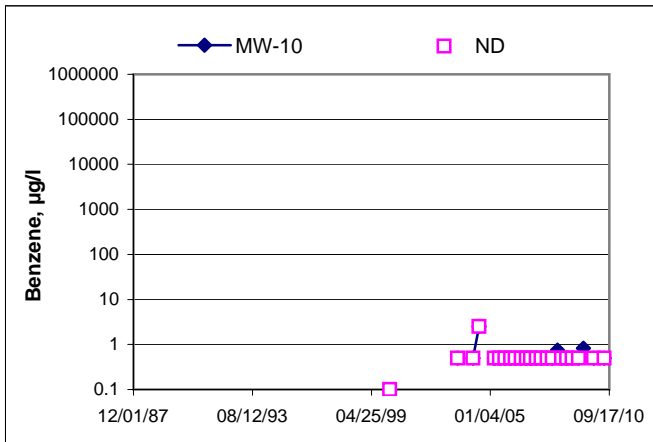
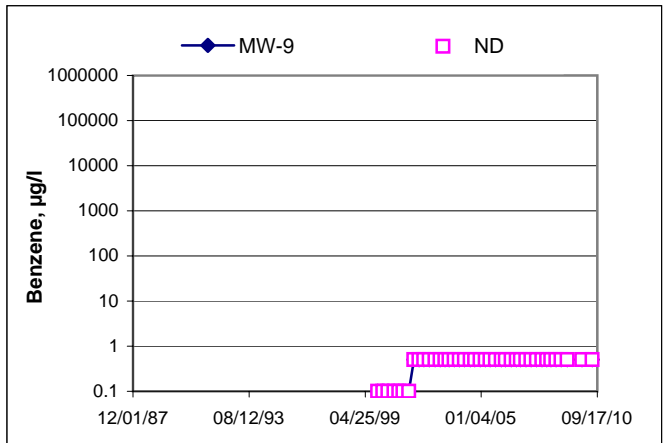
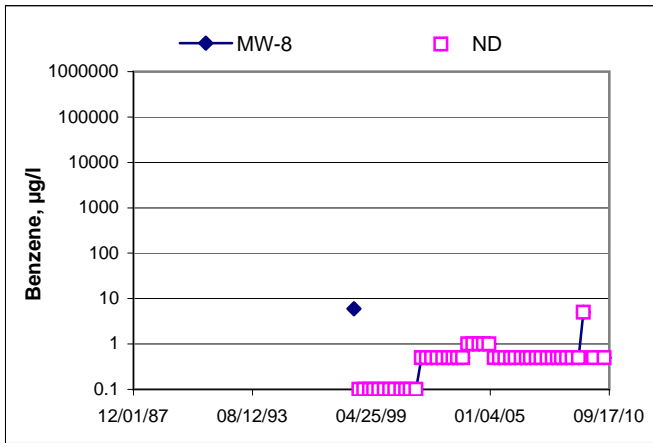
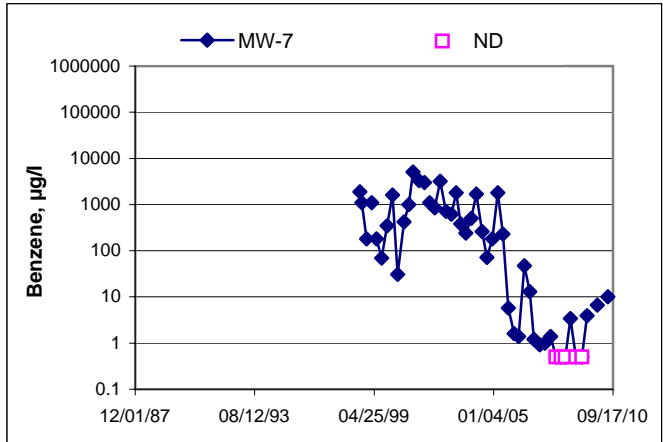
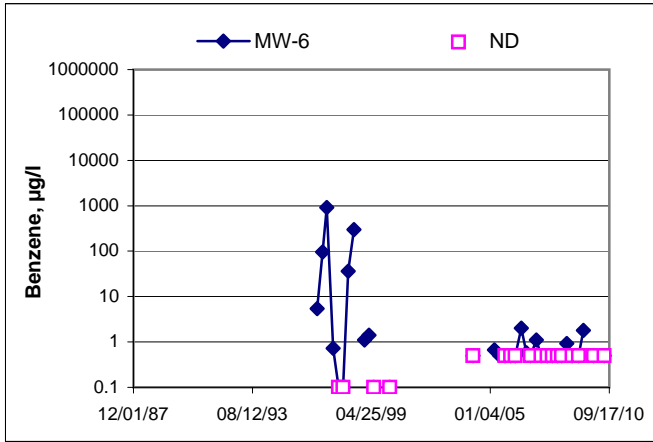
# Benzene Concentrations vs Time

## 76 Station 7376

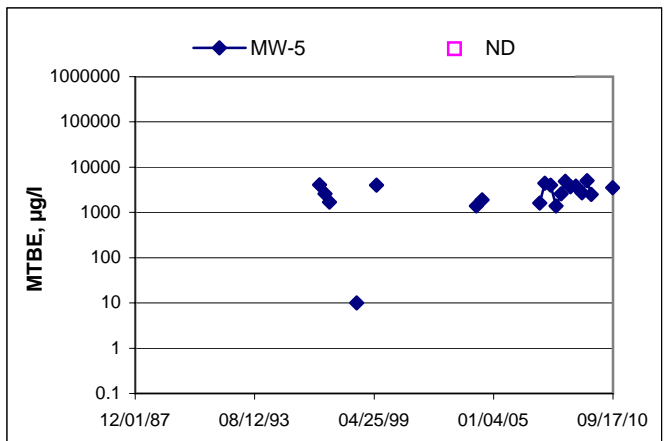
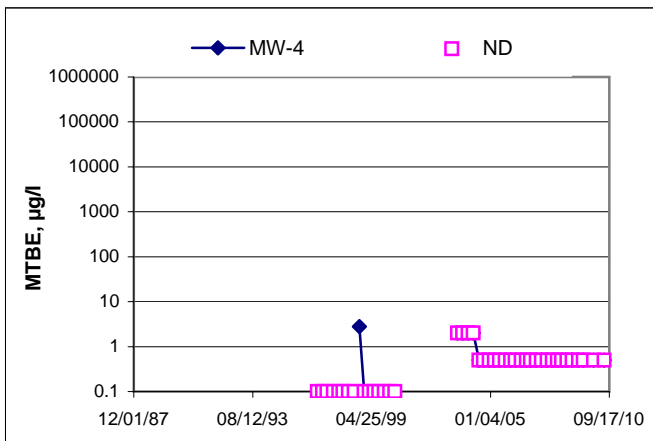
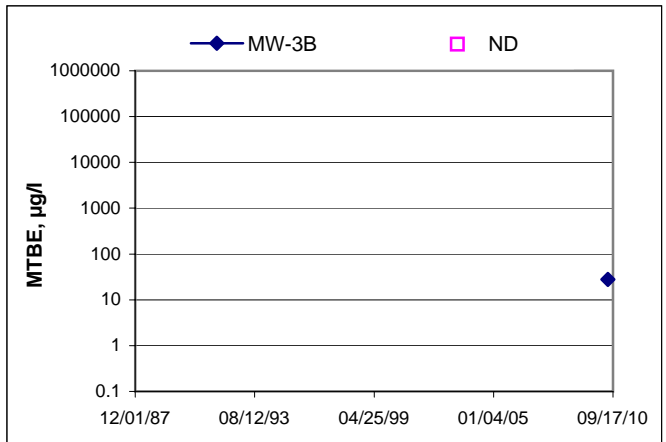
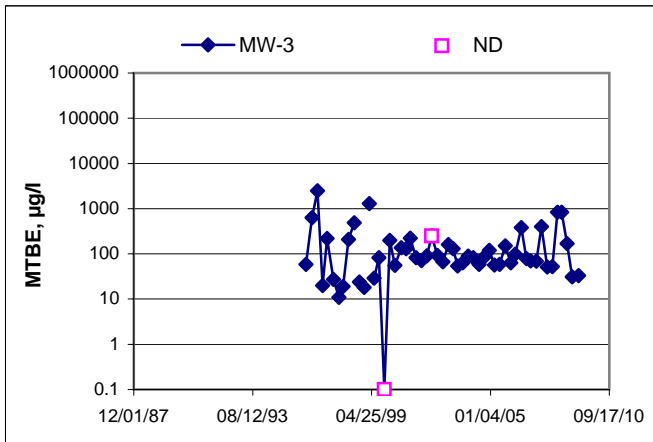
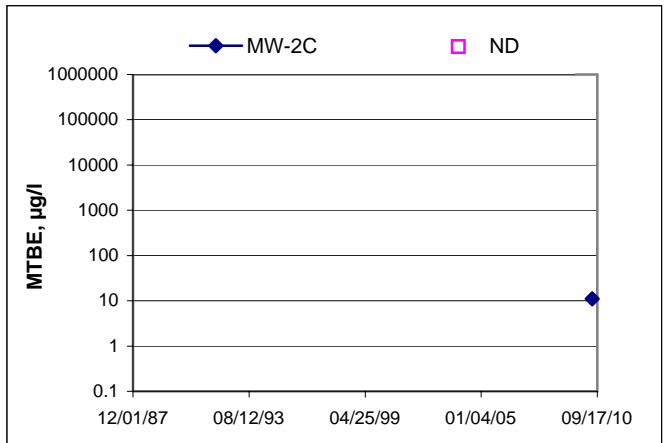
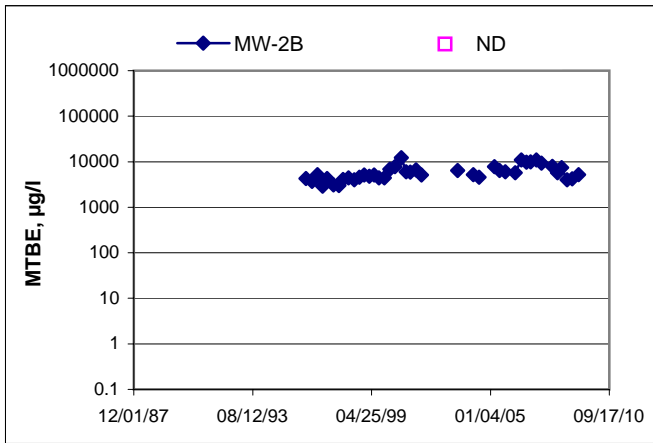
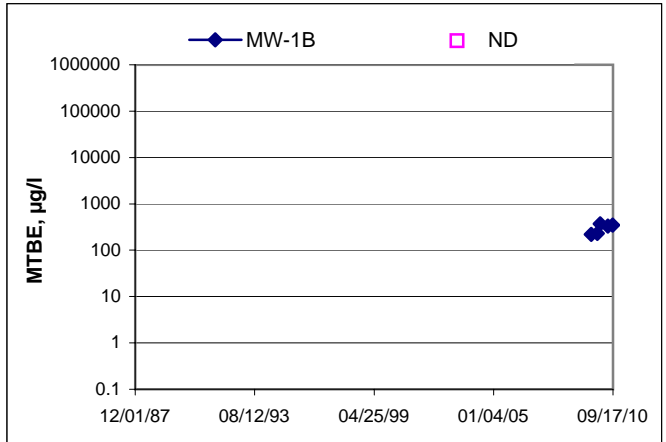
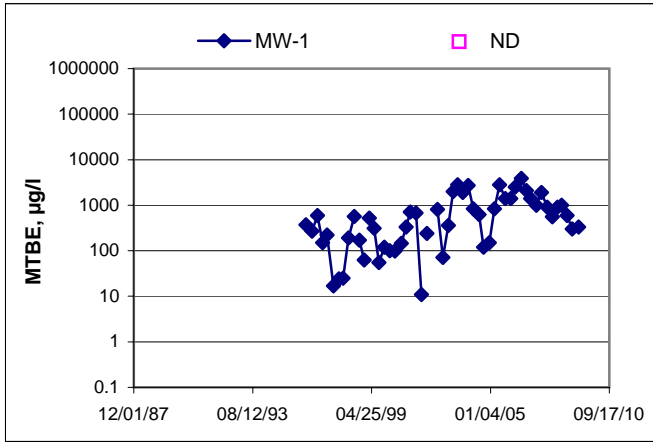


# Benzene Concentrations vs Time

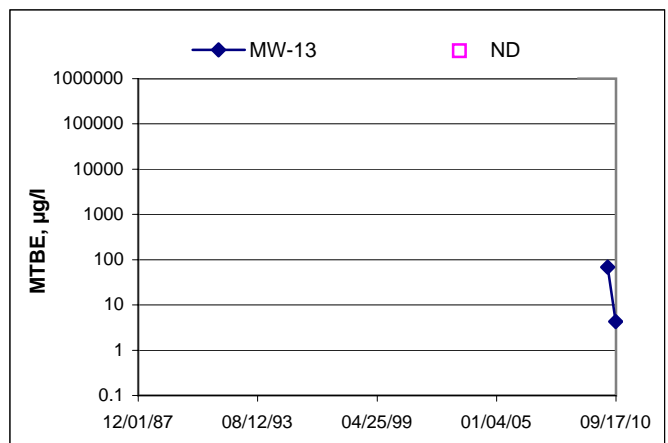
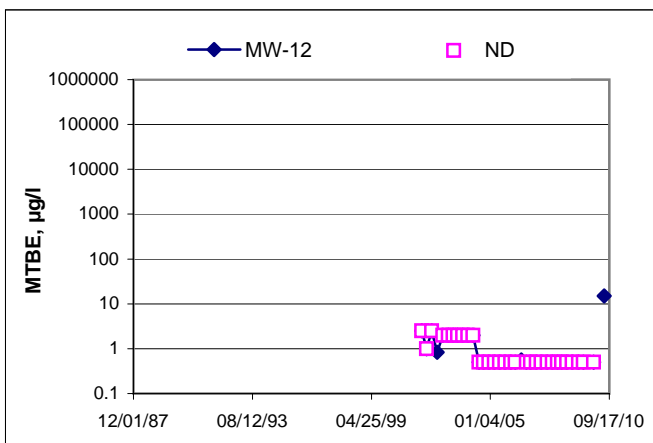
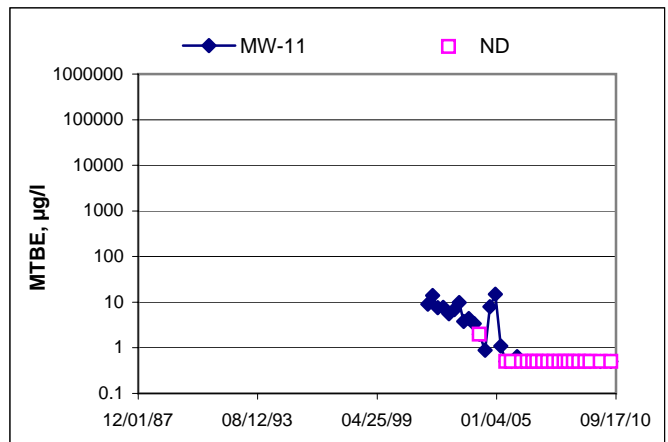
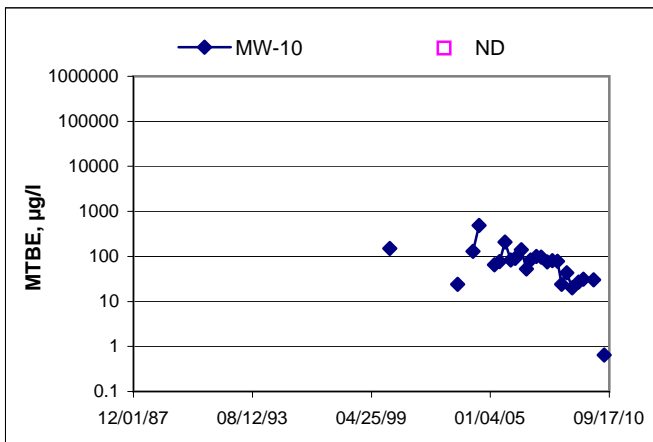
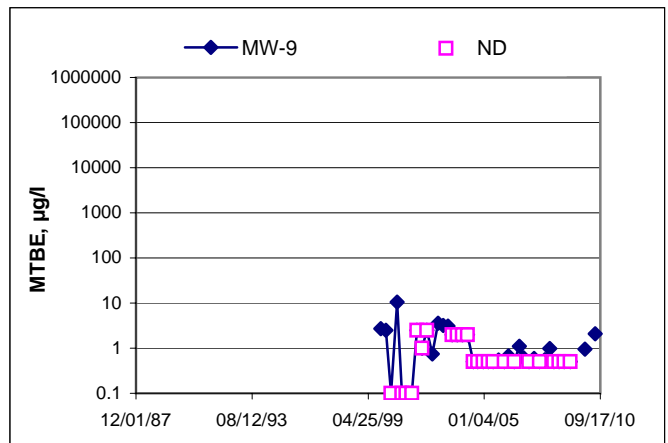
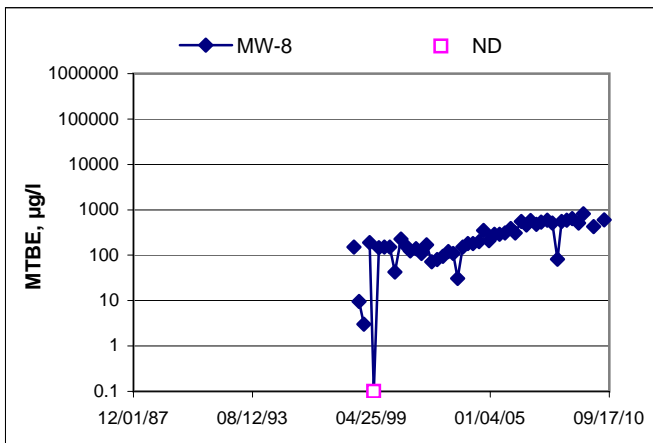
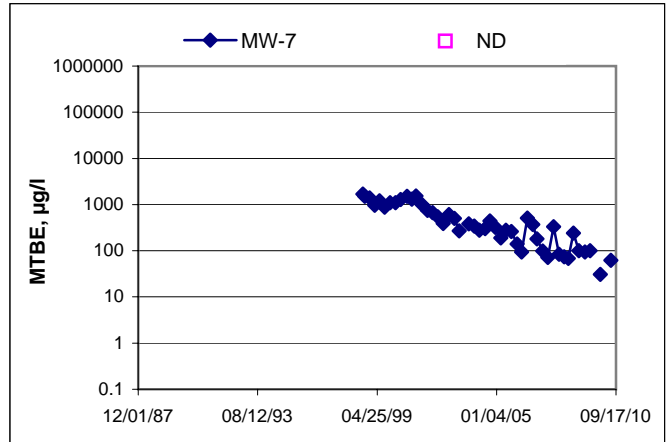
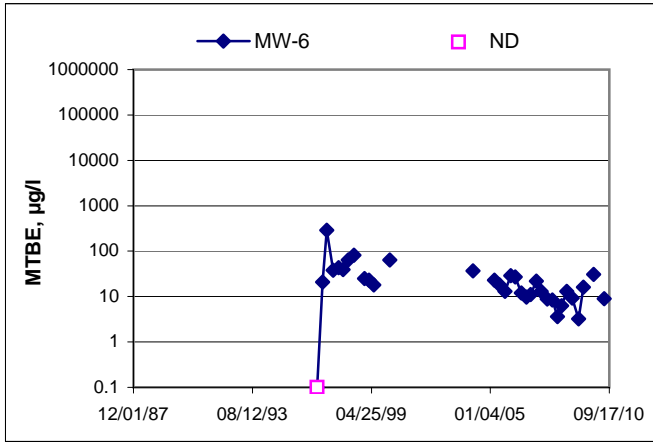
76 Station 7376



MTBE Concentrations vs Time  
76 Station 7376



MTBE Concentrations vs Time  
76 Station 7376



# 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.





## GROUNDWATER SAMPLING FIELD NOTES

Technician: Baillis

Site: 7376

Project No.: 173845

Date: 9-10-10

Well No. MW 1B

Purge Method: HB

Depth to Water (feet): 79.20

Depth to Product (feet): —

Total Depth (feet) 82.25

LPH & Water Recovered (gallons): —

Water Column (feet): 3.05

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 79.81

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, °C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0842</u>			<u>1</u>	<u>1335</u>	<u>19.1</u>	<u>7.01</u>			
			<u>2</u>	<u>1332</u>	<u>19.7</u>	<u>6.46</u>			
	<u>0853</u>		<u>3</u>	<u>1331</u>	<u>19.8</u>	<u>6.39</u>			
		Static at Time Sampled		Total Gallons Purged		Sample Time			
		<u>80.65</u>		<u>3</u>		<u>1053</u>			
Comments: <u>did not recover 2 hrs.</u>									

Well No. MW-13

Purge Method: HB

Depth to Water (feet): 73.35

Depth to Product (feet): —

Total Depth (feet) 76.43

LPH & Water Recovered (gallons): —

Water Column (feet): 3.08

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 73.94

1 Well Volume (gallons): —

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, °C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0904</u>	<u>0908</u>		<u>1</u>	<u>1185</u>	<u>18.0</u>	<u>6.89</u>			
			<u>2</u>	<u>—</u>	<u>—</u>	<u>—</u>			
			<u>3</u>	<u>—</u>	<u>—</u>	<u>—</u>			
		Static at Time Sampled		Total Gallons Purged		Sample Time			
		<u>75.50</u>		<u>1</u>		<u>1108</u>			
Comments: <u>Dry at 1 obs. Did not recover 2 hrs.</u>									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Banlio

Site: 7376

Project No.: 173845

Date: 9-10-10

Well No. MW-5

Purge Method: HB

Depth to Water (feet): 68.50

Depth to Product (feet): —

Total Depth (feet) 72.45

LPH & Water Recovered (gallons): —

Water Column (feet): 3.95

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 69.29

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature ( F, C )	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
<u>0915</u>			<u>1</u>	<u>1486</u>	<u>19.9</u>	<u>6.11</u>			
			<u>2</u>	<u>1544</u>	<u>19.7</u>	<u>5.73</u>			
	<u>0920</u>		<u>3</u>	<u>1530</u>	<u>19.9</u>	<u>5.72</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>69.50</u>			<u>3</u>			<u>1120</u>			
<b>Comments:</b> <u>did not recover in 2 hrs.</u>									

Well No. \_\_\_\_\_

Purge Method: \_\_\_\_\_

Depth to Water (feet): \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet) \_\_\_\_\_

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth(feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature ( F, C )	pH	D.O. (mg/L)	ORP	Turbidity
<b>Pre-Purge</b>									
Static at Time Sampled			Total Gallons Purged			Sample Time			
<b>Comments:</b>									

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 9-10-10 SITE ID: 7376

TECH: Barlis CALLED SUPERVISOR:  YES / NO

CALLED PM:  YES / NO NAME OF PM: A. Collins

WELL ID: MW-2C Dry Well

MW-3B Dry Well

MW-13 insufficient water  
for TPH-B samples

WELL ID: \_\_\_\_\_

WELL ID: \_\_\_\_\_













Date of Report: 09/28/2010

Anju Farfan

TRC

123 Technology Drive  
Irvine, CA 92618

RE: 7376  
BC Work Order: 1012845  
Invoice ID: B087589

Enclosed are the results of analyses for samples received by the laboratory on 9/13/2010. 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



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### Sample Results

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Volatile Organic Analysis (EPA Method 8260).....	7
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#### 1012845-02 - MW-13

EDB/DBCP Analysis (EPA Method 504.1).....	9
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#### 1012845-03 - MW-5

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**BC Laboratories, Inc.**  
Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1012845 Page 1 of 2

# 10-12845

**BC LABORATORIES, INC.**

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

**CHAIN OF CUSTODY  
Analysis Requested**

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW)		BTEX/MTBE by 8021B, Gas by 8015		TPH GAS by 8015M		TPH DIESEL by 8015		8260 full list w/ oxygenates		BTEX/MTBE/ETHANOL BY 8260B		ETHANOL by 8260B		TPH by GC/MS, EDB/PAHs by 8260B		Turnaround Time Requested	
Address: 4191 First Street		21 Technology Drive Irvine, CA 92618-2302		Ground-water (S)																	
City: Pleasanton		4-digit site#: 7376		Soil (WW)																	
State: CA Zip:		Workorder # 01652-4512917610		Waste-water (SL)																	
Conoco Phillips Mgr: Bill Borgh		Project #: 173845		Sludge																	
Sampler Name: Basilio																					
Lab#	Sample Description	Field Point Name	Date & Time Sampled																		
-1	MW-1B		9-10-10 1053	7			X		X	X	X										540
-2	MW-13		1108	6																	
-3	MW-5		1120	8			X														
<div style="border: 1px solid black; padding: 5px; display: inline-block;">             CHK BY  DISTRIBUTION SUB-OUT <input type="checkbox"/> </div>																					
Comments:				Relinquished by: (Signature)				Received by:				Date & Time 9/10/10 @ 1:00									
GLOBAL ID: T0600100101				Relinquished by: (Signature)				Received by:				Date & Time 9/10/10 @ 15:45									
				Relinquished by: (Signature)				Received by:				Date & Time 9-13-10 1840									

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BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 of 1

Submission #: 10-12845

**SHIPPING INFORMATION**  
 Federal Express  UPS  Hand Delivery   
 BC Lab Field Service  Other  (Specify) \_\_\_\_\_

**SHIPPING CONTAINER**  
 Ice Chest  None   
 Box  Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals Ice Chest  Containers  None  Comments: \_\_\_\_\_  
 Intact? Yes  No  Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

**COC Received**  
 YES  NO

Emissivity: 0.98 Container: OTA Thermometer ID: 103 Date/Time 9-13-10  
 Temperature: A 2.0 °C / C 2.0 °C Analyst Init JLW 2210

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										
P4A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 413.3										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: CW Date/Time: 9-14-10 11:48  
 A = Actual / C = Corrected

[H:\DOCS\WP80\LAB\_DOCS\FORMS\SAMREC2.WPD]



TRC  
123 Technology Drive  
Irvine, CA 92618

**Reported:** 09/28/2010 17:10  
**Project:** 7376  
**Project Number:** 4512917610  
**Project Manager:** Anju Farfan

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

<b>1012845-01</b>	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-1B <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/13/2010 22:10 <b>Sampling Date:</b> 09/10/2010 10:53 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water Delivery Work Order: Global ID: T0600100101 Location ID (FieldPoint): MW-1B Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

<b>1012845-02</b>	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-13 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/13/2010 22:10 <b>Sampling Date:</b> 09/10/2010 11:08 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water Delivery Work Order: Global ID: T0600100101 Location ID (FieldPoint): MW-13 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

<b>1012845-03</b>	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> --- <b>Sampling Point:</b> MW-5 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/13/2010 22:10 <b>Sampling Date:</b> 09/10/2010 11:20 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water Delivery Work Order: Global ID: T0600100101 Location ID (FieldPoint): MW-5 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	--



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**Reported:** 09/28/2010 17:10  
Project: 7376  
Project Number: 4512917610  
Project Manager: Anju Farfan

### EDB/DBCP Analysis (EPA Method 504.1)

<b>BCL Sample ID:</b> 1012845-01	<b>Client Sample Name:</b> 7376, MW-1B, 9/10/2010 10:53:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	09/27/10	09/27/10 23:00	VH1	GC-4	0.949	BT11409



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**Project:** 7376  
**Project Number:** 4512917610  
**Project Manager:** Anju Farfan

### Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1012845-01	<b>Client Sample Name:</b> 7376, MW-1B, 9/10/2010 10:53:00AM
----------------------------------	--

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
<b>1,2-Dichloroethane</b>	<b>0.84</b>	<b>ug/L</b>	<b>0.50</b>	<b>EPA-8260</b>	<b>ND</b>		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
<b>Methyl t-butyl ether</b>	<b>350</b>	<b>ug/L</b>	<b>2.5</b>	<b>EPA-8260</b>	<b>ND</b>	<b>A01</b>	2
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>200</b>	<b>ug/L</b>	<b>50</b>	<b>Luft-GC/MS</b>	<b>ND</b>		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	91.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	85.6	%	88 - 110 (LCL - UCL)	EPA-8260		S09	2
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/15/10	09/16/10 01:52	KEA	MS-V10	1	BTI0958
2	EPA-8260	09/15/10	09/16/10 16:00	KEA	MS-V10	5	BTI0958

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**Project:** 7376  
**Project Number:** 4512917610  
**Project Manager:** Anju Farfan

### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 1012845-01	<b>Client Sample Name:</b> 7376, MW-1B, 9/10/2010 10:53:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	59.8	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	09/18/10	09/27/10 12:02	EJB	GC-5	0.970	BT11648

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Project: 7376  
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### EDB/DBCP Analysis (EPA Method 504.1)

<b>BCL Sample ID:</b> 1012845-02	<b>Client Sample Name:</b> 7376, MW-13, 9/10/2010 11:08:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	09/27/10	09/27/10 23:15	VH1	GC-4	0.952	BT11409



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Project: 7376  
Project Number: 4512917610  
Project Manager: Anju Farfan

### Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1012845-02	<b>Client Sample Name:</b> 7376, MW-13, 9/10/2010 11:08:00AM
----------------------------------	--

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>4.3</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
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	98.8	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	89.5	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/15/10	09/16/10 01:34	KEA	MS-V10	1	BT10958

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Project: 7376  
Project Number: 4512917610  
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### EDB/DBCP Analysis (EPA Method 504.1)

<b>BCL Sample ID:</b> 1012845-03	<b>Client Sample Name:</b> 7376, MW-5, 9/10/2010 11:20:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	09/27/10	09/27/10 23:29	VH1	GC-4	0.936	BT11409

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### Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1012845-03	<b>Client Sample Name:</b> 7376, MW-5, 9/10/2010 11:20:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	2300	ug/L	12	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	12	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	12	EPA-8260	ND		1
Ethylbenzene	690	ug/L	12	EPA-8260	ND		1
Methyl t-butyl ether	3500	ug/L	25	EPA-8260	ND	A01	2
Toluene	58	ug/L	12	EPA-8260	ND		1
Total Xylenes	150	ug/L	25	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	17000	ug/L	1200	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	91.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.9	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/15/10	09/16/10 01:16	KEA	MS-V10	25	BT10958
2	EPA-8260	09/15/10	09/16/10 15:42	KEA	MS-V10	50	BT10958

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**Project:** 7376  
**Project Number:** 4512917610  
**Project Manager:** Anju Farfan

### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 1012845-03	<b>Client Sample Name:</b> 7376, MW-5, 9/10/2010 11:20:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	16000	ug/L	2500	Luft/TPHd	ND	A01,A52	1
Tetracosane (Surrogate)	0	%	28 - 139 (LCL - UCL)	Luft/TPHd		A01,A17	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	09/18/10	09/27/10 12:16	EJB	GC-5	50	BT11648



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### EDB/DBCP Analysis (EPA Method 504.1)

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: BT11409</b>						
Ethylene dibromide	BT11409-BLK1	ND	ug/L	0.010		



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### EDB/DBCP Analysis (EPA Method 504.1)

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
<b>QC Batch ID: BT11409</b>										
Ethylene dibromide	BT11409-BS1	LCS	0.35263	0.35714	ug/L	98.7		64	123	



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### EDB/DBCP Analysis (EPA Method 504.1)

#### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
<b>QC Batch ID: BT11409</b>		Used client sample: N									
Ethylene dibromide	MS	1011454-33	ND	0.37081	0.35714	ug/L		104		39 - 138	
	MSD	1011454-33	ND	0.38069	0.35714	ug/L	2.6	107	24	39 - 138	





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Project: 7376  
Project Number: 4512917610  
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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: BTI0958</b>						
Benzene	BTI0958-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BTI0958-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTI0958-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTI0958-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTI0958-BLK1	ND	ug/L	0.50		
Toluene	BTI0958-BLK1	ND	ug/L	0.50		
Total Xylenes	BTI0958-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BTI0958-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTI0958-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTI0958-BLK1	92.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTI0958-BLK1	102	%	86 - 115 (LCL - UCL)		



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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	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
<b>QC Batch ID: BTI0958</b>											
Benzene	BTI0958-BS1	LCS	19.870	25.000	ug/L	79.5		70 - 130			
Toluene	BTI0958-BS1	LCS	21.170	25.000	ug/L	84.7		70 - 130			
1,2-Dichloroethane-d4 (Surrogate)	BTI0958-BS1	LCS	10.000	10.000	ug/L	100		76 - 114			
Toluene-d8 (Surrogate)	BTI0958-BS1	LCS	9.5100	10.000	ug/L	95.1		88 - 110			
4-Bromofluorobenzene (Surrogate)	BTI0958-BS1	LCS	10.140	10.000	ug/L	101		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		Lab Quals
								Percent Recovery	Percent Recovery	
<b>QC Batch ID: BTI0958</b>		Used client sample: N								
Benzene	MS	1011454-80	ND	24.290	25.000	ug/L		97.2		70 - 130
	MSD	1011454-80	ND	24.730	25.000	ug/L	1.8	98.9	20	70 - 130
Toluene	MS	1011454-80	ND	25.510	25.000	ug/L		102		70 - 130
	MSD	1011454-80	ND	27.550	25.000	ug/L	7.7	110	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1011454-80	ND	10.320	10.000	ug/L		103		76 - 114
	MSD	1011454-80	ND	10.150	10.000	ug/L		102		76 - 114
Toluene-d8 (Surrogate)	MS	1011454-80	ND	9.6600	10.000	ug/L		96.6		88 - 110
	MSD	1011454-80	ND	9.9100	10.000	ug/L		99.1		88 - 110
4-Bromofluorobenzene (Surrogate)	MS	1011454-80	ND	10.010	10.000	ug/L		100		86 - 115
	MSD	1011454-80	ND	9.6600	10.000	ug/L		96.6		86 - 115

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Irvine, CA 92618

**Reported:** 09/28/2010 17:10  
Project: 7376  
Project Number: 4512917610  
Project Manager: Anju Farfan

## Total Petroleum Hydrocarbons

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: BTI1648</b>						
Diesel Range Organics (C12 - C24)	BTI1648-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BTI1648-BLK1	61.4	%	28 - 139 (LCL - UCL)		



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### Total Petroleum Hydrocarbons

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
<b>QC Batch ID: BT11648</b>											
Diesel Range Organics (C12 - C24)	BT11648-BS1	LCS	381.35	500.00	ug/L	76.3		48 - 125			
Tetracosane (Surrogate)	BT11648-BS1	LCS	13.340	20.000	ug/L	66.7		28 - 139			



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### Total Petroleum Hydrocarbons

#### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
<b>QC Batch ID: BT11648</b>		Used client sample: N								
Diesel Range Organics (C12 - C24)	MS	1009676-68	ND	436.47	500.00	ug/L		87.3		36 - 130
	MSD	1009676-68	ND	391.41	500.00	ug/L	10.9	78.3	30	36 - 130
Tetracosane (Surrogate)	MS	1009676-68	ND	13.946	20.000	ug/L		69.7		28 - 139
	MSD	1009676-68	ND	13.849	20.000	ug/L		69.2		28 - 139

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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.
- A17 Surrogate not reportable due to sample dilution.
- A52 Chromatogram not typical of diesel.
- 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.