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8:26 am, May 02, 2007

Alameda County  
Environmental Health



76 Broadway  
Sacramento, California 95818

April 29, 2007

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

Re: **Quarterly Report Transmittal  
First Quarter – 2007  
76 Service Station #7376  
4191 First Street  
Pleasanton, Alameda County, CA**

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 call me at (916) 558-7604.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric G. Hetrick". The signature is stylized and written over a light blue horizontal line.

Eric G. Hetrick  
Site Manager  
Risk Management & Remediation



1590 Solano Way  
#A  
Concord, CA 94520

925.688.1200 PHONE  
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[www.TRCSolutions.com](http://www.TRCSolutions.com)

April 29, 2007

TRC Project No. 42018417

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

**RE: Quarterly Status Report - First Quarter 2007  
76 Service Station #7376, 4191 First Street, Pleasanton, California  
Alameda County**

Dear Mr. Wickham:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2007 Status Report for the subject site, an operating service station located on the north corner of the intersection of First Street and Ray Street in Pleasanton, California. The site is bounded to the northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes.

Access agreement negotiations for completion of offsite assessment are nearing completion and work is expected to be initiated within the second or third quarter of 2007.

#### **PREVIOUS ASSESSMENTS**

The site was developed in 1899 as a warehouse to store grains and hay (Amador-Livermore Valley Historical Society, 1994). According to a Sanborn map, an "in-ground" storage tank for oil was installed on-site in 1907. A service station was first constructed on the site in 1976 (Enviros, 1995). Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site (PFD, 1988). 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 below ground surface (bgs). Soil samples contained low to moderate maximum concentrations of petroleum hydrocarbons. Groundwater was not encountered.

August 1987: Another 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 a depth of 96.5 feet bgs. Maximum petroleum hydrocarbon concentrations in soil samples generally declined from low to moderate to low 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 reportedly removed and transported to a Class I facility.

September 1994: A dispenser and product piping upgrade was performed with confirmation sampling. Over-excavation was performed 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, on 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), 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. performed 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 according to Entrix Inc. 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. (Entrix, 1997).

June/August 1998: Five onsite soil borings were advanced and two offsite down gradient 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 (near the former UST excavation) at 10.5 and 61 feet bgs and submitted for hydrocarbon fingerprinting. The results of these analyses indicated 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: One offsite soil boring (B-13) was advanced and two offsite monitoring wells were installed.

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

## **SENSITIVE RECEPTORS**

January 1988: A well survey was performed by reviewing Alameda County Flood Control and Water Conversation District-Zone 7 (Zone 7) files. Five water wells and two cathodic protection wells were identified within a 1/2 mile radius of the site. Four of the five water wells are domestic wells and the fifth appears to be a monitoring well.

The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

## **MONITORING AND SAMPLING**

Four onsite and eight offsite wells are currently monitored and sampled quarterly. Twelve wells were monitored and sampled this quarter. SPH was not present in MW-5 this quarter but has been present periodically in the well since June 1997. Previous analysis of the SPH indicated it contained a mixture of refined gasoline and heavy hydrocarbons.

The groundwater flow direction is quite variable across the site. However, based on the well gauging results this quarter, the groundwater flow direction ranges from the west to the south at a calculated hydraulic gradient of 0.05 feet per foot. A graph of historical groundwater flow directions is included in this report.

## **CHARACTERIZATION STATUS**

Total petroleum hydrocarbons as gasoline (TPH-g) were detected in seven of the twelve wells sampled at a maximum concentration of 16,000 micrograms per liter ( $\mu\text{g}/\text{l}$ ) in offsite well MW-5. Benzene was detected in four of the twelve wells sampled at a maximum concentration of 620  $\mu\text{g}/\text{l}$  in offsite well MW-5. Methyl tertiary butyl ether (MTBE) was detected in eight of the twelve wells sampled at a maximum concentration of 11,000  $\mu\text{g}/\text{l}$  in onsite well MW-2B. TPH-d was detected in eleven of the twelve wells sampled at a maximum concentration of 84,000  $\mu\text{g}/\text{l}$  in offsite well MW-5.

## **REMEDIATION STATUS**

Remediation is not currently being conducted at the site. However, bi-monthly SPH gauging and recovery from well MW-5 were implemented in the Second Quarter of 2006. Since June 28, 2006, approximately 0.05 gallons of SPH have been recovered from MW-5.

## **RECENT CORRESPONDENCE**

January 11, 2007: Mr. Jerry Wickham from the Alameda County Health Care Services (ACHCS) called to inquire about the access agreement ConocoPhillips is negotiating with the Alameda County Public Works Agency (ACPWA).

Mr. Fenstermacher with the ACPWA was planning to provide ConocoPhillips with some revised language to the draft agreement in order to cover some issues that he wanted addressed, specifically related to termination of the agreement, should the property be sold. However, Mr. Fenstermacher recently retired, before those issues could be addressed and the agreement signed.

ConocoPhillips is currently working with the Assistant Public Works Director, Mr. Rory McNeil, to finalize the access agreement.

### CURRENT QUARTER ACTIVITIES

March 19, 2007: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

### CONCLUSIONS AND RECOMMENDATIONS

Pending receipt of the signed access agreement from the ACPWA, TRC will implement the scope of work outlined in the November 21, 2005 Revised Additional Soil and Groundwater Investigation Work Plan. In addition, TRC will prepare a Site Conceptual Model (SCM), per ACHCS guidelines, incorporating data obtained during the additional assessment.

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells. In addition, TRC will continue bi-monthly SPH gauging and recovery from well MW-5, pending implementation of other additional remediation measures. TRC will also complete an updated sensitive receptor survey for the site.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,



Keith Woodburne, P.G.  
Senior Project Manager



Attachments:

Quarterly Monitoring Report, January through March 2007 (TRC, April 12, 2007)  
Historical Groundwater Flow Directions – March 1999 through March 2007

cc: Eric Hetrick, ConocoPhillips (electronic upload only)



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Irvine, CA 92618

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DATE: April 12, 2007

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. ERIC HETRICK

SITE: 76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
JANUARY THROUGH MARCH 2007

Dear Mr. Hetrick:

Please find enclosed our Quarterly 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,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan  
Groundwater Program Operations Manager

CC: Mr. Keith Woodburne, TRC (3 copies)

Enclosures  
20-0400/7376R014 QMS

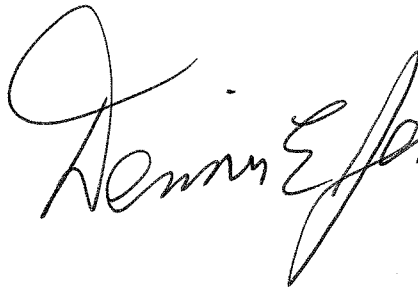

**QUARTERLY MONITORING REPORT  
JANUARY THROUGH MARCH 2007**

76 STATION 7376  
4191 First Street  
Pleasanton, California

Prepared For:

Mr. Eric Hetrick  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations  
April 7, 2007



## 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: Additional Historic Analytical Results</p> <p>Table 3: Liquid Phase Hydrocarbon Recovery Data</p>
Figures	<p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G (GC/MS) 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>Benzene Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Field Monitoring Data Sheets – 12/21/06, 1/5/07, 1/15/07, 2/5/07, 2/20/07, 3/8/07, 3/19/07</p> <p>Groundwater Sampling Field Notes – 3/19/07</p> <p>LPH Pump/Bailout Sheet – 1/5/07</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>





# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
ug/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)

### ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
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
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

### 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. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

### 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 (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 1a	Well/ Date	TPH-D												

### Historic Data

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

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**March 19, 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1</b>		<b>(Screen Interval in feet: 65.0-95.0)</b>												
03/19/07	366.98	57.52	0.00	309.46	5.77	--	740	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	990	
<b>MW-2B</b>		<b>(Screen Interval in feet: 65.0-85.0)</b>												
03/19/07	--	55.75	0.00	--	--	--	8600	ND<25	ND<25	ND<25	ND<25	--	11000	
<b>MW-3</b>		<b>(Screen Interval in feet: 76.5-96.5)</b>												
03/19/07	367.01	57.35	0.00	309.66	5.98	--	820	4.2	ND<0.50	ND<0.50	0.88	--	69	
<b>MW-4</b>		<b>(Screen Interval in feet: 73.0-93.0)</b>												
03/19/07	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	
<b>MW-5</b>		<b>(Screen Interval in feet: 52.0-72.0)</b>												
03/19/07	363.21	52.37	0.00	310.84	4.54	--	16000	620	31	330	320	--	1600	
<b>MW-6</b>		<b>(Screen Interval in feet: 68.0-88.0)</b>												
03/19/07	--	53.75	0.00	--	--	--	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50	--	22	
<b>MW-7</b>		<b>(Screen Interval in feet: 55.0-75.0)</b>												
03/19/07	355.97	45.28	0.00	310.69	4.59	--	200	0.92	ND<0.50	ND<0.50	ND<0.50	--	98	
<b>MW-8</b>		<b>(Screen Interval in feet: 66.0-86.0)</b>												
03/19/07	--	51.00	0.00	--	--	--	340	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	480	
<b>MW-9</b>		<b>(Screen Interval in feet: DNA)</b>												
03/19/07	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	
<b>MW-10</b>		<b>(Screen Interval in feet: DNA)</b>												
03/19/07	362.62	53.02	0.00	309.60	5.94	--	78	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	100	
<b>MW-11</b>		<b>(Screen Interval in feet: DNA)</b>												
03/19/07	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	
<b>MW-12</b>		<b>(Screen Interval in feet: DNA)</b>												
03/19/07	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	

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

Date Sampled	TPH-D
	(µg/l)
<b>MW-1</b>	
03/19/07	170
<b>MW-2B</b>	
03/19/07	30000
<b>MW-3</b>	
03/19/07	660
<b>MW-4</b>	
03/19/07	66
<b>MW-5</b>	
03/19/07	84000
<b>MW-6</b>	
03/19/07	90
<b>MW-7</b>	
03/19/07	140
<b>MW-8</b>	
03/19/07	60
<b>MW-9</b>	
03/19/07	ND<50
<b>MW-10</b>	
03/19/07	190
<b>MW-11</b>	
03/19/07	63
<b>MW-12</b>	
03/19/07	99

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1 (Screen Interval in feet: 65.0-95.0)</b>														
12/08/87	--	--	--	--	--	50	--	58	8.0	ND	10	--	--	
12/07/94	366.99	81.04	0.00	285.95	--	ND	--	ND	ND	ND	ND	--	--	
03/01/95	366.99	80.09	0.00	286.90	0.95	ND	--	ND	1.1	ND	1.3	--	--	
06/01/95	366.99	77.53	0.00	289.46	2.56	130	--	1.0	2.9	0.79	4.5	--	--	
09/06/95	366.99	79.00	0.00	287.99	-1.47	ND	--	ND	ND	ND	ND	--	--	
12/12/95	366.99	77.55	0.00	289.44	1.45	ND	--	ND	ND	ND	ND	--	--	
03/01/96	366.99	75.09	0.00	291.90	2.46	ND	--	ND	ND	ND	ND	370	--	
06/15/96	366.99	75.07	0.00	291.92	0.02	ND	--	ND	ND	ND	ND	270	--	
09/18/96	366.99	79.90	0.00	287.09	-4.83	ND	--	ND	ND	ND	ND	590	--	
12/21/96	366.99	78.96	0.00	288.03	0.94	ND	--	ND	ND	ND	ND	150	--	
03/07/97	366.99	71.49	0.00	295.50	7.47	ND	--	ND	ND	ND	ND	220	--	
06/27/97	366.99	80.05	0.00	286.94	-8.56	ND	--	ND	ND	ND	ND	17	--	
09/29/97	366.99	80.04	0.00	286.95	0.01	ND	--	ND	ND	ND	ND	24	--	
12/15/97	366.99	80.07	0.00	286.92	-0.03	ND	--	ND	ND	ND	ND	25	--	
03/16/98	366.99	71.00	0.00	295.99	9.07	ND	--	ND	0.52	ND	0.71	190	--	
06/26/98	366.98	79.29	0.00	287.69	-8.30	59	--	0.90	ND	ND	ND	570	--	
08/18/98	366.98	79.93	0.00	287.05	-0.64	--	--	--	--	--	--	--	--	
09/22/98	366.98	79.99	0.00	286.99	-0.06	ND	--	ND	ND	ND	ND	170	--	
12/15/98	366.98	80.02	0.00	286.96	-0.03	ND	--	ND	ND	ND	ND	63	--	
12/23/98	366.98	80.02	0.00	286.96	0.00	--	--	--	--	--	--	--	--	
03/15/99	366.98	78.95	0.00	288.03	1.07	ND	--	ND	ND	ND	ND	520	--	
03/23/99	366.98	78.69	0.00	288.29	0.26	--	--	--	--	--	--	--	--	
06/07/99	366.98	79.82	0.00	287.16	-1.13	ND	--	ND	ND	ND	ND	310	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**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 (8015M) (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>														
09/03/99	366.98	79.74	0.00	287.24	0.08	ND	--	ND	ND	ND	ND	67	55.2	
12/06/99	366.98	79.74	0.00	287.24	0.00	ND	--	ND	ND	ND	ND	120	--	
03/10/00	366.98	79.66	0.00	287.32	0.08	ND	--	ND	ND	ND	ND	100	--	
06/08/00	366.98	79.57	0.00	287.41	0.09	ND	--	ND	ND	ND	ND	98.9	--	
09/25/00	366.98	79.48	0.00	287.50	0.09	ND	--	ND	ND	ND	ND	145	--	
12/19/00	366.98	79.64	0.00	287.34	-0.16	ND	--	ND	ND	ND	ND	330	--	
03/05/01	366.98	80.03	0.00	286.95	-0.39	ND	--	ND	ND	ND	ND	711	--	
06/14/01	366.98	79.52	0.00	287.46	0.51	ND	--	ND	ND	ND	ND	680	--	
09/17/01	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	--	
09/25/01	366.98	79.71	0.00	287.27	0.05	--	--	--	--	--	--	--	--	
12/17/01	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	
03/15/02	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	--	
06/20/02	366.98	79.60	0.00	287.38	-0.09	--	580	ND<5.0	ND<5.0	ND<5.0	ND<10	--	810	
09/27/02	366.98	80.76	0.00	286.22	-1.16	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
12/30/02	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	
03/26/03	366.98	79.48	0.00	287.50	1.80	--	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
06/10/03	366.98	80.29	0.00	286.69	-0.81	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2800	
09/09/03	366.98	84.54	0.00	282.44	-4.25	--	1000	ND<10	ND<10	ND<10	ND<20	--	1900	
12/10/03	366.98	80.01	0.00	286.97	4.53	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2700	
03/09/04	366.98	79.48	0.00	287.50	0.53	--	540	ND<5.0	ND<5.0	ND<5.0	ND<10	--	840	
06/21/04	366.98	79.49	0.00	287.49	-0.01	--	650	ND<5.0	ND<5.0	ND<5.0	ND<10	--	620	
09/08/04	366.98	79.43	0.00	287.55	0.06	--	93	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
12/14/04	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	
03/17/05	366.98	79.36	0.00	287.62	0.09	--	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<10	--	830	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**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 (8015M) (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>														
06/15/05	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	
09/20/05	366.98	79.18	0.00	287.80	-0.97	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
12/29/05	366.98	70.69	0.00	296.29	8.49	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
03/15/06	366.98	65.59	0.00	301.39	5.10	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2500	
06/28/06	366.98	66.15	0.00	300.83	-0.56	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3900	
09/28/06	366.98	70.13	0.00	296.85	-3.98	--	730	3.1	ND<2.5	ND<2.5	ND<2.5	--	2100	
12/11/06	366.98	63.29	0.00	303.69	6.84	--	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1400	
03/19/07	366.98	57.52	0.00	309.46	5.77	--	740	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	990	
<b>MW-2 (Screen Interval in feet: DNA)</b>														
12/08/87	--	--	--	--	--	1800	--	910	800	260	1200	--	--	Damaged
12/07/94	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/01/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-2B (Screen Interval in feet: 65.0-85.0)</b>														
03/01/95	365.05	80.80	0.00	284.25	--	ND	--	ND	ND	ND	ND	--	--	
06/01/95	365.05	75.69	0.00	289.36	5.11	350	--	19	5.8	ND	7.7	--	--	
09/06/95	365.05	77.54	0.00	287.51	-1.85	ND	--	90	ND	ND	ND	--	--	
12/12/95	365.05	75.96	0.00	289.09	1.58	1200	--	630	ND	15	57	--	--	
03/01/96	365.05	73.27	0.00	291.78	2.69	1000	--	620	ND	ND	5.3	4300	--	
06/15/96	365.05	73.21	0.00	291.84	0.06	910	--	350	ND	ND	ND	3700	--	
09/18/96	365.05	81.08	0.00	283.97	-7.87	1200	--	95	ND	ND	ND	5200	--	
12/21/96	365.05	77.35	0.00	287.70	3.73	330	--	57	ND	ND	ND	2900	--	
03/07/97	365.05	69.67	0.00	295.38	7.68	190	--	28	0.64	ND	1.5	4300	--	
06/27/97	365.05	82.40	0.00	282.65	-12.73	98	--	3.4	1.0	0.53	ND	3100	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-2B continued</b>														
09/29/97	365.05	82.72	0.00	282.33	-0.32	ND	--	ND	ND	ND	ND	3000	--	
12/15/97	365.05	82.57	0.00	282.48	0.15	54	--	ND	ND	ND	ND	4100	--	
03/16/98	365.05	69.13	0.00	295.92	13.44	ND	--	17	ND	ND	ND	4400	--	
06/26/98	365.05	77.78	0.00	287.27	-8.65	ND	--	ND	ND	ND	ND	4000	--	
08/18/98	365.05	83.99	0.00	281.06	-6.21	--	--	--	--	--	--	--	--	
09/22/98	365.05	83.89	0.00	281.16	0.10	ND	--	ND	ND	ND	21	4600	--	
12/15/98	365.05	82.84	0.00	282.21	1.05	ND	--	ND	ND	ND	ND	5100	--	
12/23/98	365.05	82.55	0.00	282.50	0.29	--	--	--	--	--	--	--	--	
03/15/99	365.05	77.31	0.00	287.74	5.24	ND	--	ND	ND	ND	ND	4300	4800	
03/23/99	365.05	77.06	0.00	287.99	0.25	--	--	--	--	--	--	--	--	
06/07/99	365.05	82.96	0.00	282.09	-5.90	ND	--	ND	ND	ND	ND	5100	--	
09/03/99	365.05	84.16	0.00	280.89	-1.20	ND	--	ND	ND	ND	ND	6300	4400	
12/06/99	365.05	84.41	0.00	280.64	-0.25	ND	--	ND	ND	ND	ND	4400	--	
03/10/00	365.05	82.42	0.00	282.63	1.99	ND	--	ND	ND	ND	ND	6900	--	
06/08/00	365.05	82.73	0.00	282.32	-0.31	ND	--	ND	ND	ND	ND	7780	--	
09/25/00	365.05	84.24	0.00	280.81	-1.51	52.9	--	8.83	6.58	0.932	5.60	12200	--	
12/19/00	365.05	84.39	0.00	280.66	-0.15	ND	--	ND	ND	ND	ND	6000	--	
03/05/01	365.05	84.61	0.00	280.44	-0.22	ND	--	ND	ND	ND	ND	5890	--	
06/14/01	365.05	83.53	0.00	281.52	1.08	ND	--	ND	ND	ND	ND	6600	--	
09/17/01	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	--	
09/25/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/17/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/20/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**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 (8015M) (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>														
09/27/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	365.05	83.17	0.00	281.88	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	6400	--	
09/09/03	365.05	84.56	0.00	280.49	-1.39	--	--	--	--	--	--	--	--	car parked on well
12/10/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	365.05	84.13	0.00	280.92	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5200	
06/21/04	365.05	83.71	0.00	281.34	0.42	--	3400	ND<25	ND<25	ND<25	ND<50	--	4600	
09/08/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/05	365.05	79.55	0.00	285.50	--	--	ND<5000	ND<0.50	ND<0.50	0.83	ND<1.0	--	7800	
06/15/05	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	
09/20/05	--	83.24	0.00	--	--	--	3200	ND<12	ND<12	ND<12	ND<25	--	6000	Casing elevation modified on 6/22/05
12/29/05	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
03/15/06	--	64.03	0.00	--	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
06/28/06	--	61.22	0.00	--	--	--	3000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	11000	
09/28/06	--	66.35	0.00	--	--	--	3100	ND<10	ND<10	ND<10	ND<10	--	9800	
12/11/06	--	61.20	0.00	--	--	--	330	1.3	ND<0.50	1.9	1.6	--	10000	
03/19/07	--	55.75	0.00	--	--	--	8600	ND<25	ND<25	ND<25	ND<25	--	11000	
<b>MW-3 (Screen Interval in feet: 76.5-96.5)</b>														
12/08/87	--	--	--	--	--	24000	--	2600	1300	160	660	--	--	
12/07/94	367.01	85.54	0.00	281.47	--	ND	--	ND	ND	ND	ND	--	--	
03/01/95	367.01	83.20	0.00	283.81	2.34	ND	--	ND	1.1	ND	1.1	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
06/01/95	367.01	77.60	0.00	289.41	5.60	62	--	7.8	0.90	ND	1.6	--	--	
09/06/95	367.01	79.28	0.00	287.73	-1.68	4100	--	380	490	130	710	--	--	
12/12/95	367.01	77.73	0.00	289.28	1.55	19000	--	600	380	2100	5300	--	--	
03/01/96	367.01	75.18	0.00	291.83	2.55	3400	--	950	3.2	1900	290	59	--	
06/15/96	367.01	75.13	0.00	291.88	0.05	780	--	190	8.8	3.8	4.0	630	--	
09/18/96	367.01	82.84	0.00	284.17	-7.71	2800	--	340	12	11	110	2500	--	
12/21/96	367.01	79.29	0.00	287.72	3.55	51	--	1.3	ND	ND	0.53	20	--	
03/07/97	367.01	71.58	0.00	295.43	7.71	1400	--	53	14	29	68	220	--	
06/27/97	367.01	83.27	0.00	283.74	-11.69	ND	--	ND	ND	ND	ND	27	--	
09/29/97	367.01	83.33	0.00	283.68	-0.06	ND	--	ND	ND	ND	ND	11	--	
12/15/97	367.01	83.35	0.00	283.66	-0.02	ND	--	ND	ND	ND	ND	19	--	
03/16/98	367.01	71.07	0.00	295.94	12.28	130	--	6.5	1.9	1.5	1.6	210	--	
06/26/98	367.03	79.65	0.00	287.38	-8.56	400	--	15	ND	ND	1.9	490	--	
08/18/98	367.03	83.29	0.00	283.74	-3.64	--	--	--	--	--	--	--	--	
09/22/98	367.03	83.33	0.00	283.70	-0.04	ND	--	ND	ND	ND	ND	24	--	
12/15/98	367.03	83.29	0.00	283.74	0.04	ND	--	ND	ND	ND	ND	18	--	
12/23/98	367.03	83.28	0.00	283.75	0.01	--	--	--	--	--	--	--	--	
03/15/99	367.03	79.19	0.00	287.84	4.09	26000	--	3100	270	2200	3100	1300	--	
03/23/99	367.03	78.92	0.00	288.11	0.27	--	--	--	--	--	--	--	--	
06/07/99	367.03	83.22	0.00	283.81	-4.30	ND	--	ND	ND	0.63	ND	29	--	
09/03/99	367.03	83.31	0.00	283.72	-0.09	23000	--	770	ND	980	6400	280	82.4	
12/06/99	367.03	83.41	0.00	283.62	-0.10	41000	--	3200	3500	1300	8300	ND	--	
03/10/00	367.03	83.23	0.00	283.80	0.18	5100	--	340	ND	97	450	200	--	
06/08/00	367.03	83.22	0.00	283.81	0.01	1200	--	52.0	ND	41.7	356	55.8	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
09/25/00	367.03	83.37	0.00	283.66	-0.15	3400	--	305	ND	25.4	512	137	--	
12/19/00	367.03	83.27	0.00	283.76	0.10	6800	--	260	ND	120	950	130	--	
03/05/01	367.03	83.34	0.00	283.69	-0.07	16800	--	1100	48.6	637	4260	224	--	
06/14/01	367.03	83.39	0.00	283.64	-0.05	1800	--	260	ND	5.5	25	83	--	
09/17/01	367.03	84.10	0.00	282.93	-0.71	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	71	--	
09/25/01	367.03	84.23	0.00	282.80	-0.13	--	--	--	--	--	--	--	--	
12/17/01	367.03	83.32	0.00	283.71	0.91	1800	--	120	ND<5.0	45	270	80	91	
03/15/02	367.03	83.27	0.00	283.76	0.05	15000	--	160	ND<50	140	4400	ND<250	--	
06/20/02	367.03	83.74	0.00	283.29	-0.47	--	3700	98	0.69	4.0	2.3	--	92	
09/27/02	367.03	84.20	0.00	282.83	-0.46	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	67	
12/30/02	367.03	83.24	0.00	283.79	0.96	--	5900	320	ND<5.0	80	1500	--	160	
03/26/03	367.03	83.27	0.00	283.76	-0.03	--	7200	95	6.3	140	1500	--	130	
06/10/03	367.03	83.59	0.00	283.44	-0.32	--	360	2.1	ND<0.50	1.1	1.0	--	54	
09/09/03	367.01	83.75	0.00	283.26	-0.18	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	63	
12/10/03	367.01	83.21	0.00	283.80	0.54	--	980	32	ND<1.0	7.0	160	--	90	
03/09/04	367.01	83.23	0.00	283.78	-0.02	--	1300	4.2	0.67	6.4	91	--	83	
06/21/04	367.01	83.31	0.00	283.70	-0.08	--	96	ND<0.50	0.62	ND<0.50	ND<1.0	--	59	
09/08/04	367.01	83.81	0.00	283.20	-0.50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
12/14/04	367.01	83.20	0.00	283.81	0.61	--	1800	44	0.83	22	310	--	120	
03/17/05	367.01	81.33	0.00	285.68	1.87	--	11000	110	1.3	38	1100	--	57	
06/15/05	367.01	78.31	0.00	288.70	3.02	--	910	0.92	ND<0.50	1.0	ND<1.0	--	59	
09/20/05	367.01	83.28	0.00	283.73	-4.97	--	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/29/05	367.01	70.73	0.00	296.28	12.55	--	2100	27	ND<0.50	91	260	--	64	
03/15/06	367.01	65.91	0.00	301.10	4.82	--	860	7.5	ND<0.50	3.3	ND<1.0	--	98	

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
06/28/06	367.01	66.16	0.00	300.85	-0.25	--	2200	430	14	25	17	--	380	
09/28/06	367.01	70.15	0.00	296.86	-3.99	--	410	110	ND<0.50	0.52	ND<0.50	--	79	
12/11/06	367.01	63.33	0.00	303.68	6.82	--	370	14	ND<0.50	ND<0.50	ND<0.50	--	70	
03/19/07	367.01	57.35	0.00	309.66	5.98	--	820	4.2	ND<0.50	ND<0.50	0.88	--	69	
<b>MW-4 (Screen Interval in feet: 73.0-93.0)</b>														
09/18/96	369.03	73.67	0.00	295.36	--	160	--	14	ND	ND	1.6	ND	--	
12/21/96	369.03	77.69	0.00	291.34	-4.02	ND	--	ND	ND	ND	ND	ND	--	
03/07/97	369.03	68.04	0.00	300.99	9.65	ND	--	1.9	0.99	ND	1.5	ND	--	
06/27/97	369.03	79.06	0.00	289.97	-11.02	ND	--	ND	ND	ND	ND	ND	--	
09/29/97	369.03	85.83	0.00	283.20	-6.77	ND	--	ND	ND	ND	ND	ND	--	
12/15/97	369.03	87.26	0.00	281.77	-1.43	ND	--	ND	ND	ND	ND	ND	--	
03/16/98	369.03	75.09	0.00	293.94	12.17	ND	--	ND	0.69	ND	0.82	ND	--	
06/26/98	368.81	73.81	0.00	295.00	1.06	100	--	62	ND	ND	ND	ND	--	
08/18/98	368.81	78.75	0.00	290.06	-4.94	--	--	--	--	--	--	--	--	
09/22/98	368.81	83.95	0.00	284.86	-5.20	ND	--	ND	ND	ND	ND	2.8	--	
12/15/98	368.81	85.41	0.00	283.40	-1.46	ND	--	ND	ND	ND	ND	ND	--	
12/23/98	368.81	84.95	0.00	283.86	0.46	--	--	--	--	--	--	--	--	
03/15/99	368.81	78.47	0.00	290.34	6.48	ND	--	ND	ND	ND	ND	ND	--	
03/23/99	368.81	77.37	0.00	291.44	1.10	--	--	--	--	--	--	--	--	
06/07/99	368.81	76.60	0.00	292.21	0.77	ND	--	ND	ND	ND	ND	ND	--	
09/03/99	368.81	87.23	0.00	281.58	-10.63	ND	--	ND	ND	ND	ND	ND	ND	
12/06/99	368.81	92.23	0.00	276.58	-5.00	ND	--	ND	ND	ND	ND	ND	--	
03/10/00	368.81	88.54	0.00	280.27	3.69	ND	--	ND	ND	ND	ND	ND	--	
06/08/00	368.81	86.98	0.00	281.83	1.56	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-4 continued</b>														
09/25/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/14/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/20/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/27/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	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	
09/09/03	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	
12/10/03	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	
03/09/04	368.81	84.89	0.00	283.92	5.55	--	ND<50	4.2	0.59	2.0	1.3	--	ND<2.0	
06/21/04	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	
09/08/04	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	
12/14/04	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	
03/17/05	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	
06/15/05	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	
09/20/05	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	
12/29/05	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	
03/15/06	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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-4 continued</b>														
06/28/06	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	
09/28/06	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	
12/11/06	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	
03/19/07	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	
<b>MW-5 (Screen Interval in feet: 52.0-72.0)</b>														
09/18/96	363.23	64.20	0.00	299.03	--	36000	--	6700	410	730	6500	4100	--	
12/21/96	363.23	61.77	--	301.46	2.43	25000	--	3200	300	780	3600	2600	--	
03/07/97	363.23	56.30	--	306.93	5.47	14000	--	1300	120	410	1200	1700	--	
06/27/97	363.23	68.88	0.90	295.02	-11.91	--	--	--	--	--	--	--	--	Not sampled-LPH in well
09/29/97	363.23	69.47	0.35	294.02	-1.00	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/15/97	363.23	64.92	0.30	298.54	4.51	--	--	--	--	--	--	--	--	Not sampled-LPH in well
03/16/98	363.23	49.63	0.09	313.67	15.13	--	--	--	--	--	--	--	--	Not sampled-LPH in well
06/26/98	363.21	64.13	--	299.08	-14.59	490	--	6.3	2.8	4.2	5.1	10	--	
08/18/98	363.21	70.40	0.01	292.81	-6.27	--	--	--	--	--	--	--	--	
09/22/98	363.21	69.10	0.06	294.15	1.34	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/15/98	363.21	68.84	0.17	294.50	0.34	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/23/98	363.21	68.42	0.50	295.16	0.67	--	--	--	--	--	--	--	--	
03/15/99	363.21	63.81	0.25	299.59	4.42	--	--	--	--	--	--	--	--	
03/23/99	363.21	63.59	0.13	299.72	0.13	--	--	--	--	--	--	--	--	
06/07/99	363.21	68.25	0.82	295.57	-4.14	210000	--	6700	3700	5000	20000	11000	4000	
09/03/99	363.21	69.38	0.70	294.35	-1.22	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/06/99	363.21	70.02	0.82	293.80	-0.55	--	--	--	--	--	--	--	--	Not sampled-LPH in well
03/10/00	363.21	64.56	0.64	299.13	5.33	--	--	--	--	--	--	--	--	Not sampled-LPH in well
06/08/00	363.21	66.47	0.51	297.12	-2.01	--	--	--	--	--	--	--	--	Not sampled-LPH in well



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 continued</b>														
09/25/00	363.21	69.02	0.60	294.64	-2.48	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/19/00	363.21	68.31	0.14	295.01	0.36	--	--	--	--	--	--	--	--	Not sampled-LPH in well
03/05/01	363.21	64.19	0.08	299.08	4.07	--	--	--	--	--	--	--	--	Not sampled-LPH in well
06/14/01	363.21	64.02	0.11	299.27	0.19	--	--	--	--	--	--	--	--	Not sampled-LPH in well
09/17/01	363.21	72.07	0.04	291.17	-8.10	--	--	--	--	--	--	--	--	Not sampled-LPH in well
09/25/01	363.21	72.17	0.03	291.06	-0.11	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/17/01	363.21	72.11	0.03	291.12	0.06	--	--	--	--	--	--	--	--	Not sampled-LPH in well
03/15/02	363.21	66.93	0.22	296.45	5.32	--	--	--	--	--	--	--	--	Not sampled-LPH in well
06/20/02	363.21	69.71	0.42	293.82	-2.63	--	--	--	--	--	--	--	--	Not sampled-LPH in well
09/27/02	363.21	72.07	0.00	291.14	-2.68	--	--	--	--	--	--	--	--	Not enough water to sample
12/30/02	363.21	71.91	0.00	291.30	0.16	--	--	--	--	--	--	--	--	Not enough water to sample
03/26/03	363.21	67.55	0.15	295.77	4.47	--	--	--	--	--	--	--	--	Not sampled-LPH in well
06/10/03	363.21	69.34	0.12	293.96	-1.81	--	--	--	--	--	--	--	--	Not sampled-LPH in well
09/09/03	363.21	68.97	0.00	294.24	0.28	--	--	--	--	--	--	--	--	LPH in well
12/10/03	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	363.21	66.03	0.00	297.18	--	--	19000	7300	370	910	890	--	1400	
06/21/04	363.21	67.50	0.00	295.71	-1.47	--	13000	3700	220	710	660	--	1900	
09/08/04	363.21	70.62	0.02	292.61	-3.10	--	--	--	--	--	--	--	--	LPH in well
12/14/04	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/05	363.21	65.88	0.02	297.35	--	--	--	--	--	--	--	--	--	LPH in well
06/15/05	363.21	63.20	0.02	300.02	2.68	--	--	--	--	--	--	--	--	LPH in well
09/20/05	363.21	66.74	0.01	296.48	-3.55	--	--	--	--	--	--	--	--	LPH in well
12/29/05	363.21	64.04	0.01	299.18	2.70	--	--	--	--	--	--	--	--	LPH in well
03/15/06	363.21	57.95	0.01	305.27	6.09	--	--	--	--	--	--	--	--	LPH in well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 continued</b>														
06/28/06	363.21	57.33	0.02	305.90	0.63	--	--	--	--	--	--	--	--	LPH in well
09/28/06	363.21	60.65	0.01	302.57	-3.33	--	--	--	--	--	--	--	--	LPH in well
12/11/06	363.21	56.92	0.02	306.30	3.74	--	--	--	--	--	--	--	--	LPH in well
03/19/07	363.21	52.37	0.00	310.84	4.54	--	16000	620	31	330	320	--	1600	
<b>MW-6 (Screen Interval in feet: 68.0-88.0)</b>														
09/18/96	363.12	79.07	0.00	284.05	--	160	--	5.4	ND	ND	ND	ND	--	
12/21/96	363.12	75.40	0.00	287.72	3.67	300	--	96	1.3	ND	1.7	21	--	
03/07/97	363.12	67.61	0.00	295.51	7.79	1800	--	920	18	ND	31	290	--	
06/27/97	363.12	80.45	0.00	282.67	-12.84	ND	--	0.73	ND	ND	38	38	--	
09/29/97	363.12	86.02	0.00	277.10	-5.57	62	--	ND	ND	ND	ND	43	--	
12/15/97	363.12	84.03	0.00	279.09	1.99	78	--	ND	ND	ND	ND	39	--	
03/16/98	363.12	67.15	0.00	295.97	16.88	210	--	36	2.5	ND	3.0	64	--	
06/26/98	363.13	75.71	0.00	287.42	-8.55	530	--	300	8.3	2.8	8.7	81	--	
08/18/98	363.13	74.86	0.00	288.27	0.85	--	--	--	--	--	--	--	--	
09/22/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/15/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/23/98	363.13	80.80	0.00	282.33	--	120	--	1.1	ND	ND	0.78	25	--	
01/23/99	363.13	80.68	0.00	282.45	0.12	ND	--	--	--	--	--	--	--	
03/15/99	363.13	75.29	0.00	287.84	5.39	62	--	1.4	ND	ND	ND	23	--	
03/23/99	363.13	75.03	0.00	288.10	0.26	--	--	--	--	--	--	--	--	
06/07/99	363.13	82.27	0.00	280.86	-7.24	ND	--	ND	ND	ND	ND	18	--	
09/03/99	363.13	87.49	0.00	275.64	-5.22	--	--	--	--	--	--	--	--	Dry well
12/06/99	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/10/00	363.13	85.61	0.00	277.52	--	ND	--	ND	ND	ND	ND	64	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**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 (8015M) (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>														
06/08/00	363.13	87.36	0.00	275.77	-1.75	--	--	--	--	--	--	--	--	Dry well
09/25/00	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	363.13	87.73	--	275.40	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	363.13	87.82	--	275.31	-0.09	--	--	--	--	--	--	--	--	Dry well
06/14/01	363.13	87.69	0.00	275.44	0.13	--	--	--	--	--	--	--	--	Dry well
09/17/01	363.13	87.70	0.00	275.43	-0.01	--	--	--	--	--	--	--	--	Dry well
09/25/01	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	363.13	87.74	0.00	275.39	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	363.13	87.72	0.00	275.41	0.02	--	--	--	--	--	--	--	--	Dry well
06/20/02	363.13	87.79	0.00	275.34	-0.07	--	--	--	--	--	--	--	--	Dry well
09/27/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	363.13	87.67	0.00	275.46	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	363.13	87.13	0.00	276.00	0.54	--	--	--	--	--	--	--	--	Dry well
09/09/03	363.13	87.29	0.00	275.84	-0.16	--	--	--	--	--	--	--	--	Not enough water to sample
12/10/03	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	363.13	83.53	0.00	279.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
06/21/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/08/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/05	363.13	77.58	0.00	285.55	--	--	79	0.67	ND<0.50	ND<0.50	ND<1.0	--	23	
06/15/05	363.13	74.44	0.00	288.69	3.14	--	ND<50	0.51	ND<0.50	ND<0.50	ND<1.0	--	18	
09/20/05	--	81.92	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	Casing elevation modified on 6/22/05

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
12/29/05	--	67.19	0.00	--	--	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
03/15/06	--	61.88	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
06/28/06	--	62.52	0.00	--	--	--	ND<50	2.0	0.74	0.73	1.4	--	12	
09/28/06	--	66.54	0.00	--	--	--	82	0.58	ND<0.50	ND<0.50	ND<0.50	--	9.7	
12/11/06	--	59.64	0.00	--	--	--	59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	
03/19/07	--	53.75	0.00	--	--	--	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50	--	22	
<b>MW-7 (Screen Interval in feet: 55.0-75.0)</b>														
06/26/98	355.97	--	--	--	--	--	--	--	--	--	--	--	--	
08/18/98	355.97	68.75	0.00	287.22	--	4000	--	1900	48	160	ND	1700	--	
09/22/98	355.97	66.35	0.00	289.62	2.40	3200	--	1100	ND	22	ND	1500	--	
12/15/98	355.97	65.03	0.00	290.94	1.32	1900	--	180	2.7	2.9	3.8	1400	--	
12/23/98	355.97	64.82	0.00	291.15	0.21	--	--	--	--	--	--	--	--	
03/15/99	355.97	60.44	0.00	295.53	4.38	2700	--	1100	ND	30	16	1400	970	
03/23/99	355.97	60.43	0.00	295.54	0.01	--	--	--	--	--	--	--	--	
06/07/99	355.97	64.48	0.00	291.49	-4.05	2600	--	180	21	ND	13	1200	--	
09/03/99	355.97	69.98	0.00	285.99	-5.50	870	--	69	ND	ND	ND	1100	872	
12/06/99	355.97	70.18	0.00	285.79	-0.20	1900	--	350	ND	ND	ND	1100	--	
03/10/00	355.97	67.36	0.00	288.61	2.82	2900	--	1600	ND	40	54	1100	--	
06/08/00	355.97	69.81	0.00	286.16	-2.45	625	--	30.8	ND	0.761	0.940	1290	--	
09/25/00	355.97	70.15	0.00	285.82	-0.34	2180	--	423	ND	ND	ND	1510	--	
12/19/00	355.97	70.11	0.00	285.86	0.04	5900	--	1000	ND	ND	ND	1300	--	
03/05/01	355.97	68.72	0.00	287.25	1.39	13200	--	5070	195	306	385	1530	--	
06/14/01	355.97	70.00	0.00	285.97	-1.28	6400	--	3300	85	96	170	1000	--	
09/17/01	355.97	70.28	0.00	285.69	-0.28	11000	--	3000	ND<50	ND<50	ND<50	750	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-7 continued</b>														
09/25/01	355.97	70.49	0.00	285.48	-0.21	--	--	--	--	--	--	--	--	
12/17/01	355.97	71.35	0.00	284.62	-0.86	5800	--	1100	ND<10	ND<10	ND<10	760	670	
03/15/02	355.97	68.56	0.00	287.41	2.79	2800	--	850	22	74	39	360	540	
06/20/02	355.97	70.01	0.00	285.96	-1.45	--	9900	3200	23	41	ND<40	--	390	
09/27/02	355.97	71.50	0.00	284.47	-1.49	--	4200	710	ND<10	ND<10	ND<20	--	610	
12/30/02	355.97	71.25	0.00	284.72	0.25	--	2400	620	ND<2.5	20	53	--	500	
03/26/03	355.97	68.79	0.00	287.18	2.46	--	5300	1800	ND<10	13	ND<20	--	270	
06/10/03	355.97	69.10	0.00	286.87	-0.31	--	1300	380	ND<5.0	ND<5.0	ND<10	--	--	
09/09/03	355.97	70.04	0.00	285.93	-0.94	--	1900	240	ND<2.5	ND<2.5	ND<5.0	--	380	
12/10/03	355.97	69.98	0.00	285.99	0.06	--	4500	500	ND<5.0	ND<5.0	ND<10	--	340	
03/09/04	355.97	66.66	0.00	289.31	3.32	--	5600	1700	11	34	ND<20	--	280	
06/21/04	355.97	67.82	0.00	288.15	-1.16	--	2300	260	ND<2.5	3.0	ND<5.0	--	300	
09/08/04	355.97	70.05	0.00	285.92	-2.23	--	1400	72	ND<2.5	ND<2.5	ND<5.0	--	440	
12/14/04	355.97	70.87	--	285.10	-0.82	--	2200	180	ND<1.0	1.8	ND<2.0	--	320	
03/17/05	355.97	63.69	0.00	292.28	7.18	--	5700	1800	7.8	24	16	--	190	
06/15/05	355.97	59.29	0.00	296.68	4.40	--	3900	230	ND<2.5	3.7	8.0	--	280	
09/20/05	355.97	64.38	0.00	291.59	-5.09	--	1200	5.8	ND<5.0	ND<5.0	ND<10	--	260	
12/29/05	355.97	57.43	0.00	298.54	6.95	--	450	1.6	ND<0.50	ND<0.50	ND<1.0	--	140	
03/15/06	355.97	51.92	0.00	304.05	5.51	--	300	1.4	0.86	ND<0.50	ND<1.0	--	94	
06/28/06	355.97	49.47	0.00	306.50	2.45	--	770	47	2.4	2.2	1.3	--	510	
09/28/06	355.97	53.93	0.00	302.04	-4.46	--	610	13	1.1	0.82	0.66	--	370	
12/11/06	355.97	49.87	0.00	306.10	4.06	--	180	1.2	ND<0.50	ND<0.50	ND<0.50	--	180	
03/19/07	355.97	45.28	0.00	310.69	4.59	--	200	0.92	ND<0.50	ND<0.50	ND<0.50	--	98	

**MW-8 (Screen Interval in feet: 66.0-86.0)**

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-8 continued</b>														
06/26/98	362.37	63.00	0.00	299.37	--	ND	--	6.0	ND	ND	ND	150	--	
08/18/98	362.37	73.38	0.00	288.99	-10.38	--	--	--	--	--	--	--	--	
09/22/98	362.37	70.89	0.00	291.48	2.49	ND	--	ND	ND	ND	ND	9.5	--	
12/15/98	362.37	70.29	0.00	292.08	0.60	ND	--	ND	ND	ND	ND	3.0	--	
12/23/98	362.37	70.03	0.00	292.34	0.26	--	--	--	--	--	--	--	--	
03/15/99	362.37	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/23/99	361.83	64.86	0.00	296.97	--	ND	--	ND	0.77	ND	0.96	190	--	
06/07/99	361.83	68.30	0.00	293.53	-3.44	ND	--	ND	ND	ND	ND	ND	--	
09/03/99	361.83	73.92	0.00	287.91	-5.62	ND	--	ND	0.57	ND	ND	170	146	
12/06/99	361.83	74.98	0.00	286.85	-1.06	ND	--	ND	ND	ND	ND	150	--	
03/10/00	361.83	71.54	0.00	290.29	3.44	ND	--	ND	ND	ND	ND	150	--	
06/08/00	361.83	72.60	0.00	289.23	-1.06	ND	--	ND	ND	ND	ND	42.8	--	
09/25/00	361.83	75.31	0.00	286.52	-2.71	ND	--	ND	ND	ND	ND	227	--	
12/19/00	361.83	75.54	0.00	286.29	-0.23	ND	--	ND	ND	ND	ND	160	--	
03/05/01	361.83	75.91	0.00	285.92	-0.37	ND	--	ND	ND	ND	ND	125	--	
06/14/01	361.83	75.51	0.00	286.32	0.40	ND	--	ND	ND	ND	ND	140	--	
09/17/01	361.83	77.19	0.00	284.64	-1.68	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
09/25/01	361.83	77.17	0.00	284.66	0.02	--	--	--	--	--	--	--	--	
12/17/01	361.83	79.94	0.00	281.89	-2.77	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	170	
03/15/02	361.83	76.82	0.00	285.01	3.12	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	72	--	
06/20/02	361.83	77.73	0.00	284.10	-0.91	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
09/27/02	361.83	78.94	0.00	282.89	-1.21	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	94	
12/30/02	361.83	78.21	0.00	283.62	0.73	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
03/26/03	361.83	74.34	0.00	287.49	3.87	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-8 continued</b>														
06/10/03	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	
09/09/03	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	
12/10/03	361.83	73.59	0.00	288.24	0.52	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
03/09/04	361.83	70.32	0.00	291.51	3.27	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
06/21/04	361.83	70.30	0.00	291.53	0.02	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
09/08/04	361.83	73.83	0.00	288.00	-3.53	--	300	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	350	
12/14/04	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	
03/17/05	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	
06/15/05	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	
09/20/05	--	68.11	0.00	--	--	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	Casing elevation modified on 6/22/05
12/29/05	--	62.32	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	390	
03/15/06	--	56.89	0.00	--	--	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
06/28/06	--	54.53	0.00	--	--	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	550	
09/28/06	--	59.02	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	460	
12/11/06	--	55.02	0.00	--	--	--	260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	580	
03/19/07	--	51.00	0.00	--	--	--	340	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	480	
<b>MW-9 (Screen Interval in feet: DNA)</b>														
11/29/99	354.85	74.50	0.00	280.35	--	--	--	--	--	--	--	--	--	
12/06/99	354.85	74.35	0.00	280.50	0.15	ND	--	ND	ND	ND	ND	3.0	2.7	
03/10/00	354.85	65.94	0.00	288.91	8.41	ND	--	ND	ND	ND	ND	2.5	--	
06/08/00	354.85	70.77	0.00	284.08	-4.83	ND	--	ND	ND	ND	ND	ND	--	
09/25/00	354.85	74.75	0.00	280.10	-3.98	ND	--	ND	0.516	ND	ND	10.5	--	
12/19/00	354.85	74.43	0.00	280.42	0.32	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-9 continued</b>														
03/05/01	354.85	74.63	0.00	280.22	-0.20	ND	--	ND	ND	ND	ND	ND	--	
06/14/01	354.85	74.75	0.00	280.10	-0.12	ND	--	ND	ND	ND	ND	ND	--	
09/17/01	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	--	
09/25/01	354.85	74.83	0.00	280.02	-0.05	--	--	--	--	--	--	--	--	
12/17/01	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	
03/15/02	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	--	
06/20/02	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	
09/27/02	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	
12/30/02	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	
03/26/03	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	
06/10/03	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	
09/09/03	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	
12/10/03	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	
03/09/04	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	
06/21/04	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	
09/08/04	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	
12/14/04	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	
03/17/05	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	
06/15/05	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	
09/20/05	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	
12/29/05	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	
03/15/06	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	
06/28/06	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	
09/28/06	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	



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**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-9 continued</b>														
12/11/06	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	
03/19/07	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	
<b>MW-10 (Screen Interval in feet: DNA)</b>														
11/29/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/06/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/10/00	362.62	85.04	0.00	277.58	--	ND	--	ND	ND	ND	ND	130	150	
06/08/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/14/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/20/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/27/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	362.62	89.70	0.00	272.92	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
09/09/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/10/03	362.62	92.09	0.00	270.53	--	--	--	--	--	--	--	--	--	Insufficient recharge
03/09/04	362.62	83.15	0.00	279.47	8.94	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
06/21/04	362.62	86.86	0.00	275.76	-3.71	--	420	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	490	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**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 (8015M) (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>														
09/08/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/05	362.62	77.07	0.00	285.55	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	65	
06/15/05	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	
09/20/05	362.62	81.08	0.00	281.54	-7.04	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	210	
12/29/05	362.62	66.31	0.00	296.31	14.77	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	84	
03/15/06	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	
06/28/06	362.62	61.88	0.00	300.74	-0.62	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
09/28/06	362.62	65.76	0.00	296.86	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.77	--	53	
12/11/06	362.62	58.96	0.00	303.66	6.80	--	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	83	
03/19/07	362.62	53.02	0.00	309.60	5.94	--	78	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	100	
<b>MW-11 (Screen Interval in feet: DNA)</b>														
09/25/01	354.66	81.24	0.00	273.42	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.0	--	
12/17/01	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	
03/15/02	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	--	
06/20/02	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	
09/27/02	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	
12/30/02	354.66	79.12	0.00	275.54	2.46	--	ND<50	ND<0.50	ND<0.50	2.0	6.1	--	6.9	
03/26/03	354.66	73.70	0.00	280.96	5.42	--	ND<50	0.62	1.7	0.5	2.6	--	9.8	
06/10/03	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	
09/09/03	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	
12/10/03	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	
03/09/04	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	
06/21/04	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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-11 continued</b>														
09/08/04	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	
12/14/04	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	
03/17/05	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	
06/15/05	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	
09/20/05	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	
12/29/05	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	
03/15/06	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	
06/28/06	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	
09/28/06	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	
12/11/06	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	
03/19/07	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	
<b>MW-12 (Screen Interval in feet: DNA)</b>														
09/25/01	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	--	
12/17/01	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	
03/15/02	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	--	
06/20/02	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	
09/27/02	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	
12/30/02	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	
03/26/03	354.08	72.80	0.00	281.28	5.40	--	ND<50	0.57	1.6	ND<0.50	2.2	--	ND<2.0	
06/10/03	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	
09/09/03	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	
12/10/03	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	
03/09/04	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	
06/21/04	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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2007**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-12 continued</b>														
09/08/04	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	
12/14/04	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	
03/17/05	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	
06/15/05	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	
09/20/05	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	
12/29/05	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	
03/15/06	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	
06/28/06	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	
09/28/06	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	
12/11/06	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	
03/19/07	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	

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-1</b>								
12/08/87	2100	--	--	--	--	--	--	--
03/01/95	120	--	--	--	--	--	--	--
06/01/95	54	--	--	--	--	--	--	--
09/06/95	690	--	--	--	--	--	--	--
12/12/95	190	--	--	--	--	--	--	--
03/01/96	56	--	--	--	--	--	--	--
06/15/96	ND	--	--	--	--	--	--	--
09/18/96	130	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
03/07/97	ND	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	ND	--	--	--	--	--	--	--
09/22/98	240	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/15/99	67	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	76	ND	ND	ND<2.0	--	ND	ND	ND
12/06/99	ND	--	--	--	--	--	--	--
03/10/00	51	--	--	--	--	--	--	--
06/08/00	68.2	--	--	--	--	--	--	--
09/25/00	ND	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	505	--	--	--	--	--	--	--

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-1 continued</b>								
06/14/01	71	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<53	ND<40	ND<1000	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/15/02	ND<52	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	52	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0
03/26/03	120	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
06/10/03	ND<50	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	ND<50	--	--	--	--	--	--	--
06/15/05	ND<50	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
03/19/07	170	--	--	--	--	--	--	--
<b>MW-2</b>								
12/08/87	620	--	--	--	--	--	--	--

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-2B</b>								
03/01/95	320	--	--	--	--	--	--	--
06/01/95	280	--	--	--	--	--	--	--
09/06/95	ND	--	--	--	--	--	--	--
12/12/95	850	--	--	--	--	--	--	--
03/01/96	870	--	--	--	--	--	--	--
06/15/96	420	--	--	--	--	--	--	--
09/18/96	600	--	--	--	--	--	--	--
12/21/96	470	--	--	--	--	--	--	--
03/07/97	870	--	--	--	--	--	--	--
06/27/97	680	--	--	--	--	--	--	--
09/29/97	430	--	--	--	--	--	--	--
12/15/97	490	--	--	--	--	--	--	--
03/16/98	4000	--	--	--	--	--	--	--
06/26/98	790	--	--	--	--	--	--	--
09/22/98	930	--	--	--	--	--	--	--
12/15/98	600	--	--	--	--	--	--	--
03/15/99	390	3800	ND	--	--	13	ND	ND
06/07/99	770	--	--	--	--	--	--	--
09/03/99	870	3480	ND	--	--	ND	ND	ND
12/06/99	850	--	--	--	--	--	--	--
03/10/00	1500	--	--	--	--	--	--	--
09/25/00	2900	--	--	--	--	--	--	--
12/19/00	700	--	--	--	--	--	--	--
06/14/01	570	--	--	--	--	--	--	--
06/10/03	280	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200
06/21/04	260	--	--	--	--	--	--	--

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-2B continued</b>								
03/17/05	280	--	--	--	--	--	--	--
06/15/05	560	--	--	--	--	--	--	--
09/20/05	340	--	--	--	--	--	--	--
03/15/06	7200	--	--	--	--	--	--	--
06/28/06	32000	--	--	--	--	--	--	--
09/28/06	2300	--	--	--	--	--	--	--
12/11/06	61000	--	--	--	--	--	--	--
03/19/07	30000	--	--	--	--	--	--	--
<b>MW-3</b>								
12/08/87	2300	--	--	--	--	--	--	--
03/01/95	140	--	--	--	--	--	--	--
06/01/95	140	--	--	--	--	--	--	--
09/06/95	880	--	--	--	--	--	--	--
12/12/95	3100	--	--	--	--	--	--	--
03/01/96	1500	--	--	--	--	--	--	--
06/15/96	400	--	--	--	--	--	--	--
09/18/96	170	--	--	--	--	--	--	--
12/21/96	64	--	--	--	--	--	--	--
03/07/97	570	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	670	--	--	--	--	--	--	--
06/26/98	63	--	--	--	--	--	--	--
09/22/98	95	--	--	--	--	--	--	--
12/15/98	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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-3 continued</b>								
03/15/99	3500	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	2900	ND	ND	--	--	ND	ND	ND
12/06/99	4200	--	--	--	--	--	--	--
03/10/00	2500	--	--	--	--	--	--	--
06/08/00	489	--	--	--	--	--	--	--
09/25/00	4380	--	--	--	--	--	--	--
12/19/00	5600	--	--	--	--	--	--	--
03/05/01	3790	--	--	--	--	--	--	--
06/14/01	1300	--	--	--	--	--	--	--
09/17/01	290	--	--	--	--	--	--	--
12/17/01	700	26	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/15/02	3600	--	--	--	--	--	--	--
06/20/02	1300	--	--	--	--	--	--	--
09/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	1800	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
03/26/03	2600	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
06/10/03	350	ND<100	ND<500	ND<2.0	5.3	ND<2.0	ND<2.0	ND<2.0
09/09/03	270	--	--	--	--	--	--	--
12/10/03	800	--	--	--	--	--	--	--
03/09/04	1100	--	--	--	--	--	--	--
06/21/04	210	--	--	--	--	--	--	--
09/08/04	130	--	--	--	--	--	--	--
12/14/04	800	--	--	--	--	--	--	--
03/17/05	2400	--	--	--	--	--	--	--
06/15/05	410	--	--	--	--	--	--	--

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

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
<b>MW-3 continued</b>								
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	1400	--	--	--	--	--	--	--
03/15/06	520	--	--	--	--	--	--	--
06/28/06	920	--	--	--	--	--	--	--
09/28/06	190	--	--	--	--	--	--	--
12/11/06	520	--	--	--	--	--	--	--
03/19/07	660	--	--	--	--	--	--	--
<b>MW-4</b>								
09/18/96	200	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
03/07/97	ND	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	630	--	--	--	--	--	--	--
09/22/98	74	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/15/99	ND	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	66	ND	ND	--	--	ND	ND	ND
12/06/99	95	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	72.8	--	--	--	--	--	--	--
06/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/09/03	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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-4 continued</b>								
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	56	--	--	--	--	--	--	--
06/21/04	59	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	ND<50	--	--	--	--	--	--	--
06/15/05	ND<50	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
03/19/07	66	--	--	--	--	--	--	--
<b>MW-5</b>								
09/18/96	4700	--	--	--	--	--	--	--
12/21/96	4700	--	--	--	--	--	--	--
03/07/97	2100	--	--	--	--	--	--	--
06/26/98	230000	--	--	--	--	--	--	--
06/07/99	4700000	ND	ND	--	--	ND	ND	ND
03/09/04	110000	--	--	--	--	--	--	--
06/21/04	190000	--	--	--	--	--	--	--
03/19/07	84000	--	--	--	--	--	--	--
<b>MW-6</b>								
09/18/96	ND	--	--	--	--	--	--	--
12/21/96	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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-6 continued</b>								
03/07/97	190	--	--	--	--	--	--	--
06/27/97	73	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	100	--	--	--	--	--	--	--
06/26/98	180	--	--	--	--	--	--	--
01/23/99	ND	--	--	--	--	--	--	--
03/15/99	71	--	--	--	--	--	--	--
06/07/99	160	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
03/09/04	110	--	--	--	--	--	--	--
03/17/05	150	--	--	--	--	--	--	--
06/15/05	120	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	85	--	--	--	--	--	--	--
12/11/06	81	--	--	--	--	--	--	--
03/19/07	90	--	--	--	--	--	--	--
<b>MW-7</b>								
08/18/98	1400	--	--	--	--	--	--	--
09/22/98	780	--	--	--	--	--	--	--
12/15/98	350	--	--	--	--	--	--	--
03/15/99	460	610	ND	--	--	4.3	ND	ND
06/07/99	550	--	--	--	--	--	--	--

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-7 continued</b>								
09/03/99	550	460	ND	--	--	4.36	ND	ND
12/06/99	220	--	--	--	--	--	--	--
03/10/00	930	--	--	--	--	--	--	--
06/08/00	463	--	--	--	--	--	--	--
09/25/00	1810	--	--	--	--	--	--	--
12/19/00	930	--	--	--	--	--	--	--
03/05/01	801	--	--	--	--	--	--	--
06/14/01	710	--	--	--	--	--	--	--
09/17/01	860	--	--	--	--	--	--	--
12/17/01	470	ND<200	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10
03/15/02	830	--	--	--	--	--	--	--
06/20/02	710	--	--	--	--	--	--	--
09/27/02	300	--	--	--	--	--	--	--
12/30/02	220	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
03/26/03	560	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
06/10/03	610	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
09/09/03	430	--	--	--	--	--	--	--
12/10/03	450	--	--	--	--	--	--	--
03/09/04	640	--	--	--	--	--	--	--
06/21/04	630	--	--	--	--	--	--	--
09/08/04	270	--	--	--	--	--	--	--
12/14/04	160	--	--	--	--	--	--	--
03/17/05	380	--	--	--	--	--	--	--
06/15/05	630	--	--	--	--	--	--	--
09/20/05	280	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--

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

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
<b>MW-7 continued</b>								
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	260	--	--	--	--	--	--	--
09/28/06	140	--	--	--	--	--	--	--
12/11/06	99	--	--	--	--	--	--	--
03/19/07	140	--	--	--	--	--	--	--
<b>MW-8</b>								
06/26/98	80	--	--	--	--	--	--	--
09/22/98	120	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/23/99	60	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	130	ND	ND	--	--	12.4	ND	ND
12/06/99	160	--	--	--	--	--	--	--
03/10/00	61	--	--	--	--	--	--	--
06/08/00	135	--	--	--	--	--	--	--
09/25/00	518	--	--	--	--	--	--	--
12/19/00	100	--	--	--	--	--	--	--
03/05/01	161	--	--	--	--	--	--	--
06/14/01	94	--	--	--	--	--	--	--
09/17/01	60	--	--	--	--	--	--	--
12/17/01	ND<52	77	ND<500	ND<1.0	ND<1.0	9.8	ND<1.0	ND<1.0
03/15/02	69	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	130	--	--	--	--	--	--	--
12/30/02	76	ND<100	ND<500	ND<2.0	ND<2.0	7.1	ND<2.0	ND<2.0
03/26/03	120	ND<100	ND<500	ND<2.0	ND<2.0	7.1	ND<2.0	ND<2.0

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-8 continued</b>								
06/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/09/03	58	--	--	--	--	--	--	--
12/10/03	86	--	--	--	--	--	--	--
03/09/04	92	--	--	--	--	--	--	--
06/21/04	87	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	56	--	--	--	--	--	--	--
06/15/05	53	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
03/19/07	60	--	--	--	--	--	--	--
<b>MW-9</b>								
12/06/99	ND	ND	--	ND	ND	ND	ND	ND
03/10/00	150	--	--	--	--	--	--	--
06/08/00	67.8	--	--	--	--	--	--	--
09/25/00	903	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	96.5	--	--	--	--	--	--	--
06/14/01	ND	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<52	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-9 continued</b>								
03/15/02	ND<51	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<110	--	--	--	--	--	--	--
12/30/02	59	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/26/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
06/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	ND<50	--	--	--	--	--	--	--
06/15/05	ND<50	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
03/19/07	ND<50	--	--	--	--	--	--	--
<b>MW-10</b>								
03/10/00	78	ND	--	ND	22	ND	ND	ND
06/10/03	65	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/09/04	140	--	--	--	--	--	--	--
06/21/04	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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-10 continued</b>								
03/17/05	ND<50	--	--	--	--	--	--	--
06/15/05	71	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	92	--	--	--	--	--	--	--
03/19/07	190	--	--	--	--	--	--	--
<b>MW-11</b>								
09/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	110	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/15/02	140	--	--	--	--	--	--	--
06/20/02	ND<60	--	--	--	--	--	--	--
09/27/02	ND<110	--	--	--	--	--	--	--
12/30/02	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/26/03	54	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
06/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	85	--	--	--	--	--	--	--
06/15/05	170	--	--	--	--	--	--	--

**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)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-11 continued</b>								
09/20/05	210	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
06/28/06	ND<200	--	--	--	--	--	--	--
09/28/06	51	--	--	--	--	--	--	--
12/11/06	74	--	--	--	--	--	--	--
03/19/07	63	--	--	--	--	--	--	--
<b>MW-12</b>								
09/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	77	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/15/02	ND<51	--	--	--	--	--	--	--
06/20/02	ND<58	--	--	--	--	--	--	--
09/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/26/03	ND<50	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
06/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	220	--	--	--	--	--	--	--
06/21/04	180	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
03/17/05	350	--	--	--	--	--	--	--
06/15/05	330	--	--	--	--	--	--	--
09/20/05	250	--	--	--	--	--	--	--
12/29/05	320	--	--	--	--	--	--	--

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

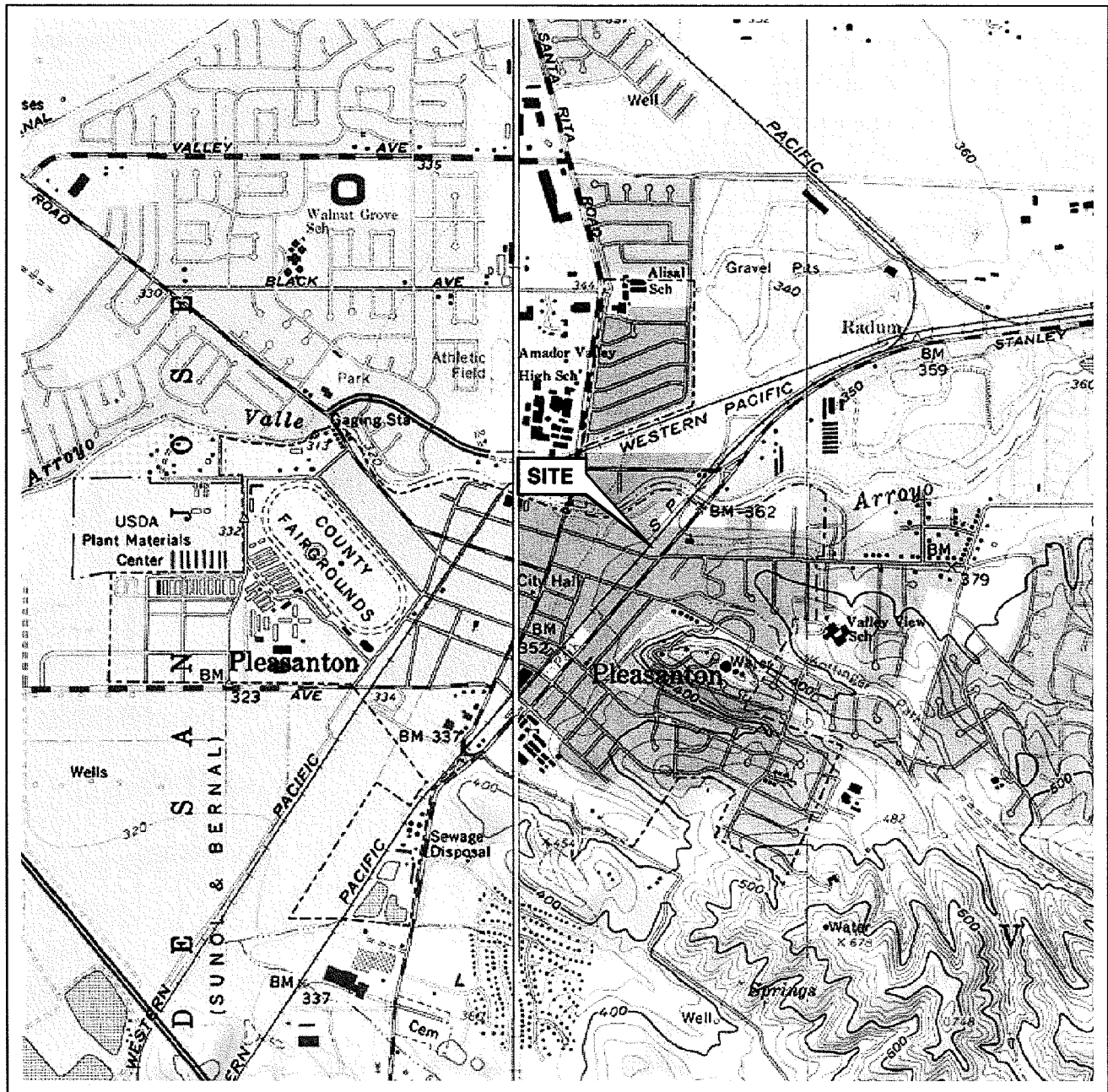
Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-12 continued</b>								
03/15/06	240	--	--	--	--	--	--	--
06/28/06	210	--	--	--	--	--	--	--
09/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	120	--	--	--	--	--	--	--
03/19/07	99	--	--	--	--	--	--	--

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

<u>DATE</u>	<u>MW-5</u>
6/28/06	0.02
7/12/06	0.00
8/7/06	0.00
9/15/06	0.00
9/28/06	0.01
10/10/06	0.00
10/30/06	0.00
11/10/06	0.00
11/22/06	0.00
12/11/06	0.02
12/21/06	0.00
1/5/07	0.01
1/15/07	0.00
2/5/07	0.00
2/20/07	0.00
3/8/07	0.00
<b>Total LPH Recovered (gallons):</b>	<b>0.06</b>

# FIGURES

PS = 1:1 L:\QMS VICINITY.M.A.P.S\7376VM.DWG Apr 04, 2007 - 3:43pm Jwinters



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



SCALE 1:24,000



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Livermore Quadrangle



QUADRANGLE  
LOCATION

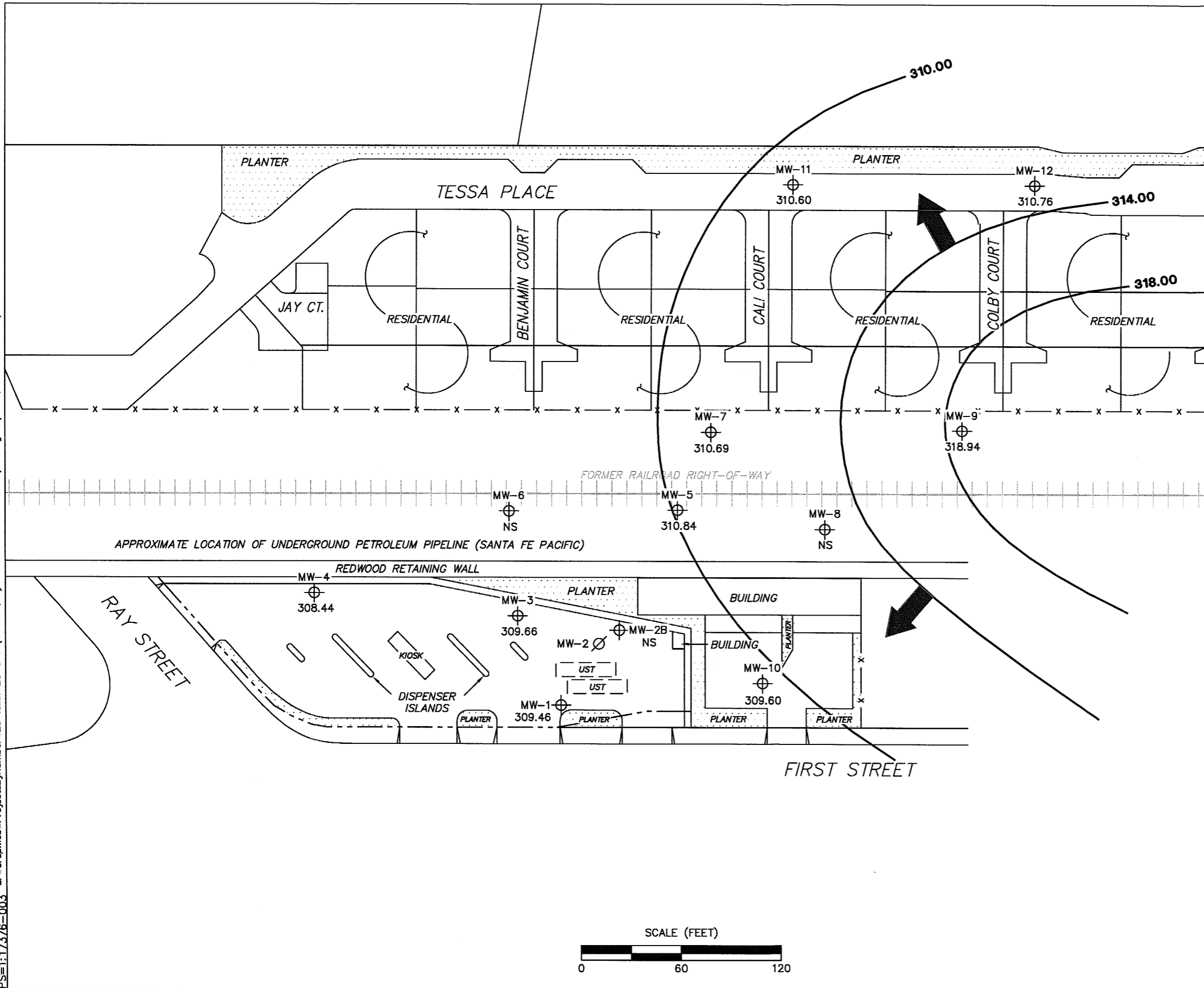
**VICINITY MAP**

76 Station 7376  
4191 First Street  
Pleasanton, California



**FIGURE 1**

PS=1:17376-003 L:\Graphics\Projects\ByNumber\20-xxx\20-0400(Unocal)MS\17-7000\7376+7376qms.dwg Apr 07, 2007 - 3:29pm amartos



**LEGEND**

- MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-2 ∅ Abandoned well
- 318.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

**NOTES:**

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

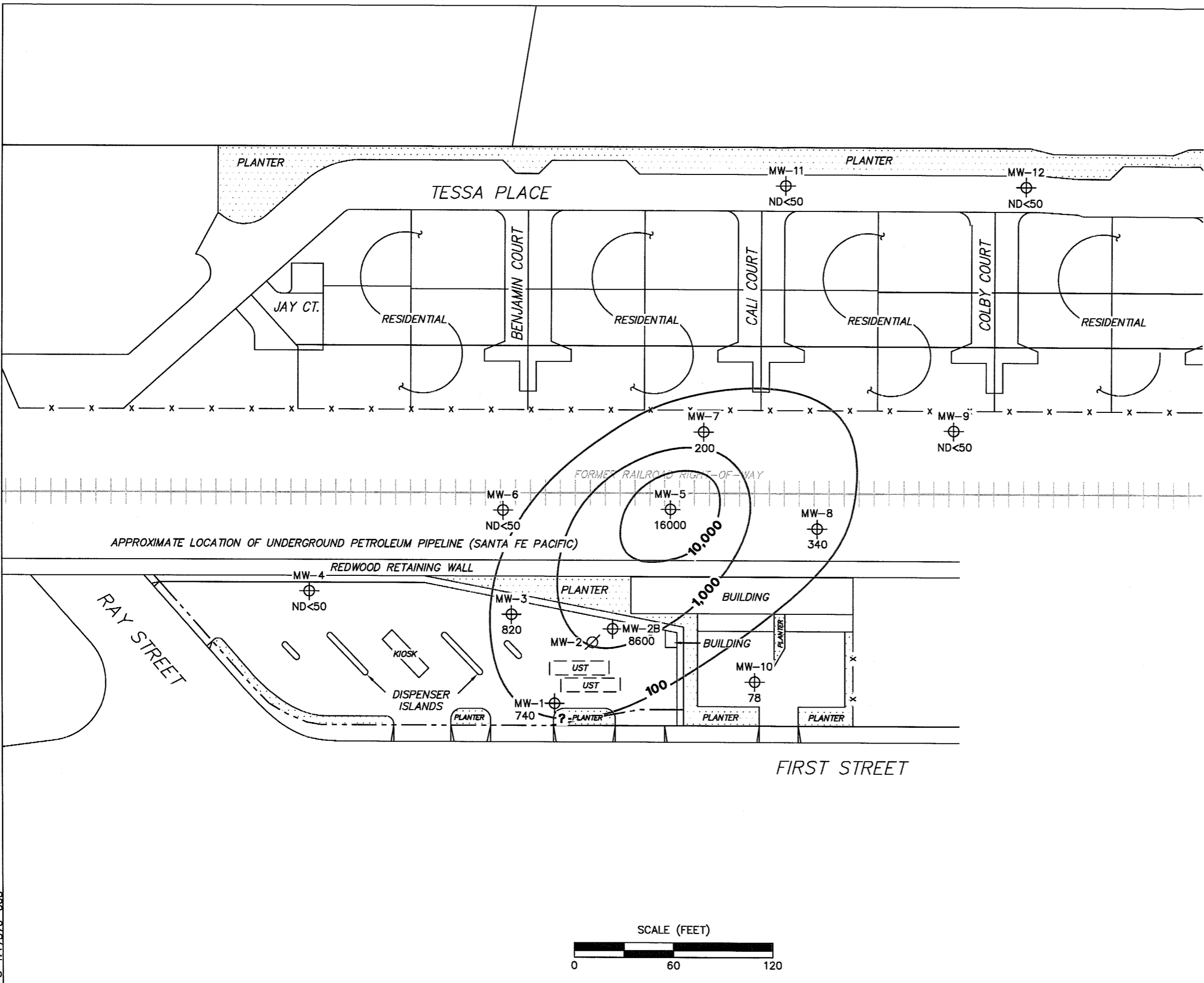
**GROUNDWATER ELEVATION  
CONTOUR MAP  
March 19, 2007**

76 Station 7376  
4191 First Street  
Pleasanton, California



**FIGURE 2**

L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocal\MS)\x-7000\7376+\7376grms.dwg Apr 06, 2007 - 6:33pm amartos  
 PS=1:17376-003



**LEGEND**

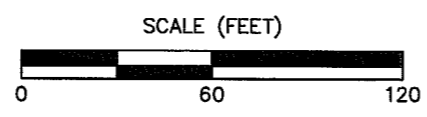
- MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)
- MW-2 ∅ Abandoned well
- 10,000- Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

**DISSOLVED-PHASE  
TPH-G (GC/MS)  
CONCENTRATION MAP  
March 19, 2007**

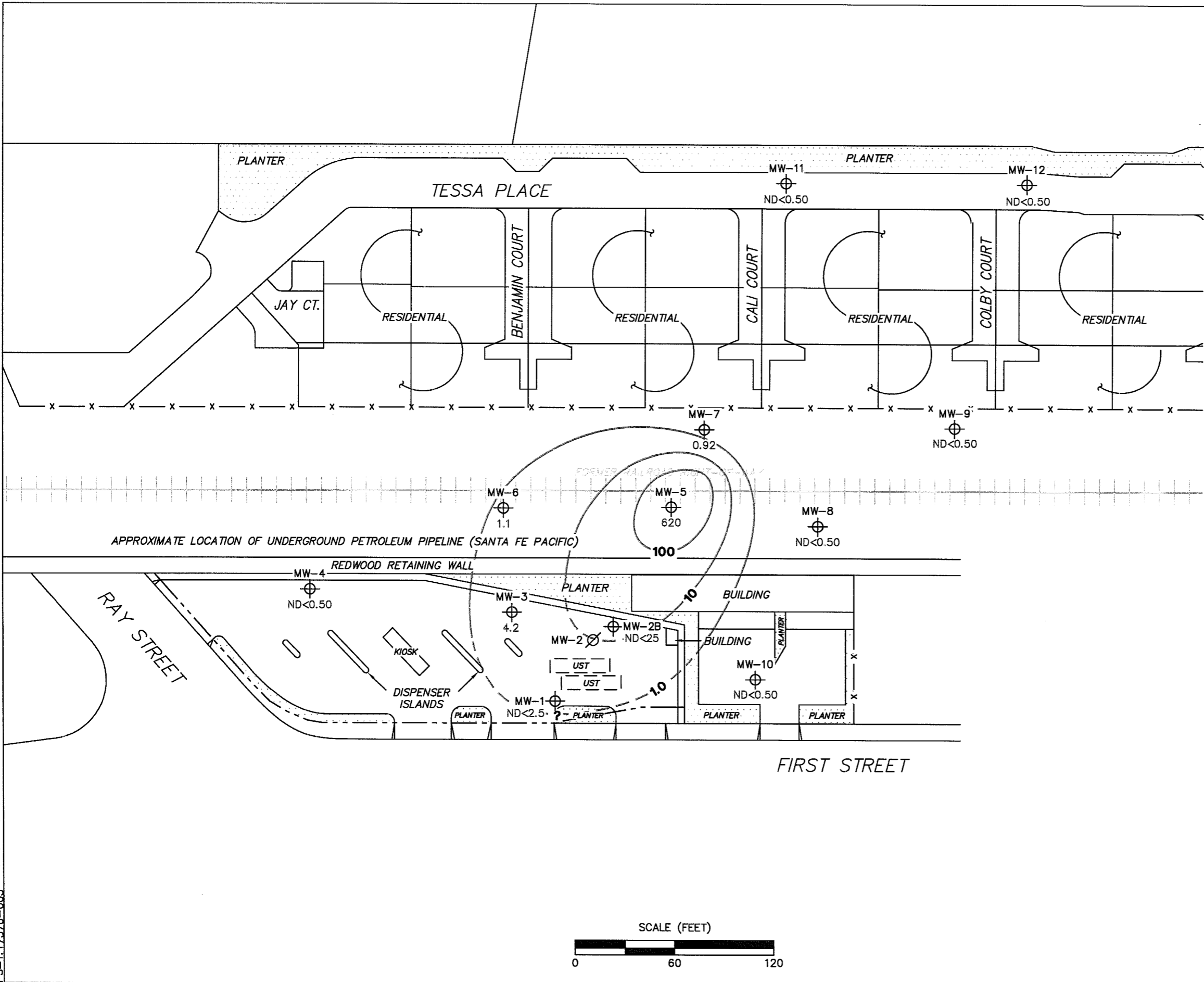
76 Station 7376  
4191 First Street  
Pleasanton, California



**FIGURE 3**



PS=1:17376-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocal\MS)\x-7000\7376+17376qms.dwg Apr 12, 2007 - 4:03pm amartos



**LEGEND**

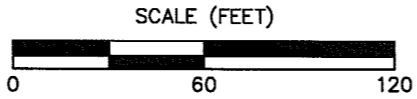
- MW-12 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- MW-2 ∅ Abandoned Well
- 100- Dissolved-Phase Benzene Contour (µg/l)

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Dashes indicate contour based on non-detect at elevated detection limit.

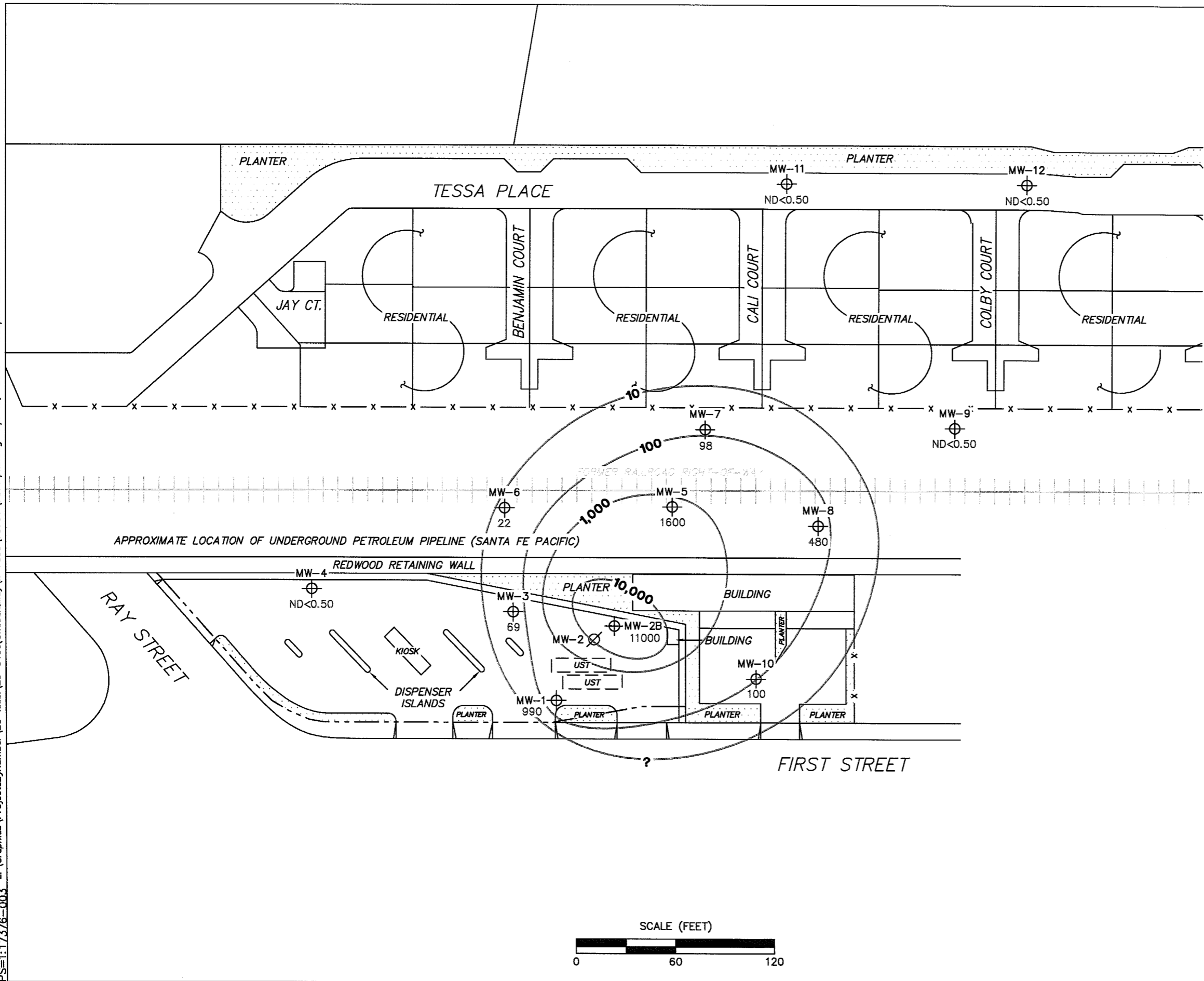
**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**  
**March 19, 2007**

76 Station 7376  
 4191 First Street  
 Pleasanton, California



**FIGURE 4**

PS=1:17376-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocad)MS\1-7000\7376+17376qms.dwg Apr 12, 2007 - 4:03pm amartos



**LEGEND**

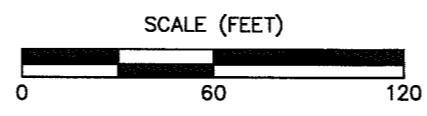
- MW-12 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l) or LPH Thickness (feet)
- MW-2 ∅ Abandoned well
- 10,000- Dissolved-Phase MTBE Contour (µg/l)

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. obtained using EPA Method 8260B.

**DISSOLVED-PHASE MTBE  
CONCENTRATION MAP  
March 19, 2007**

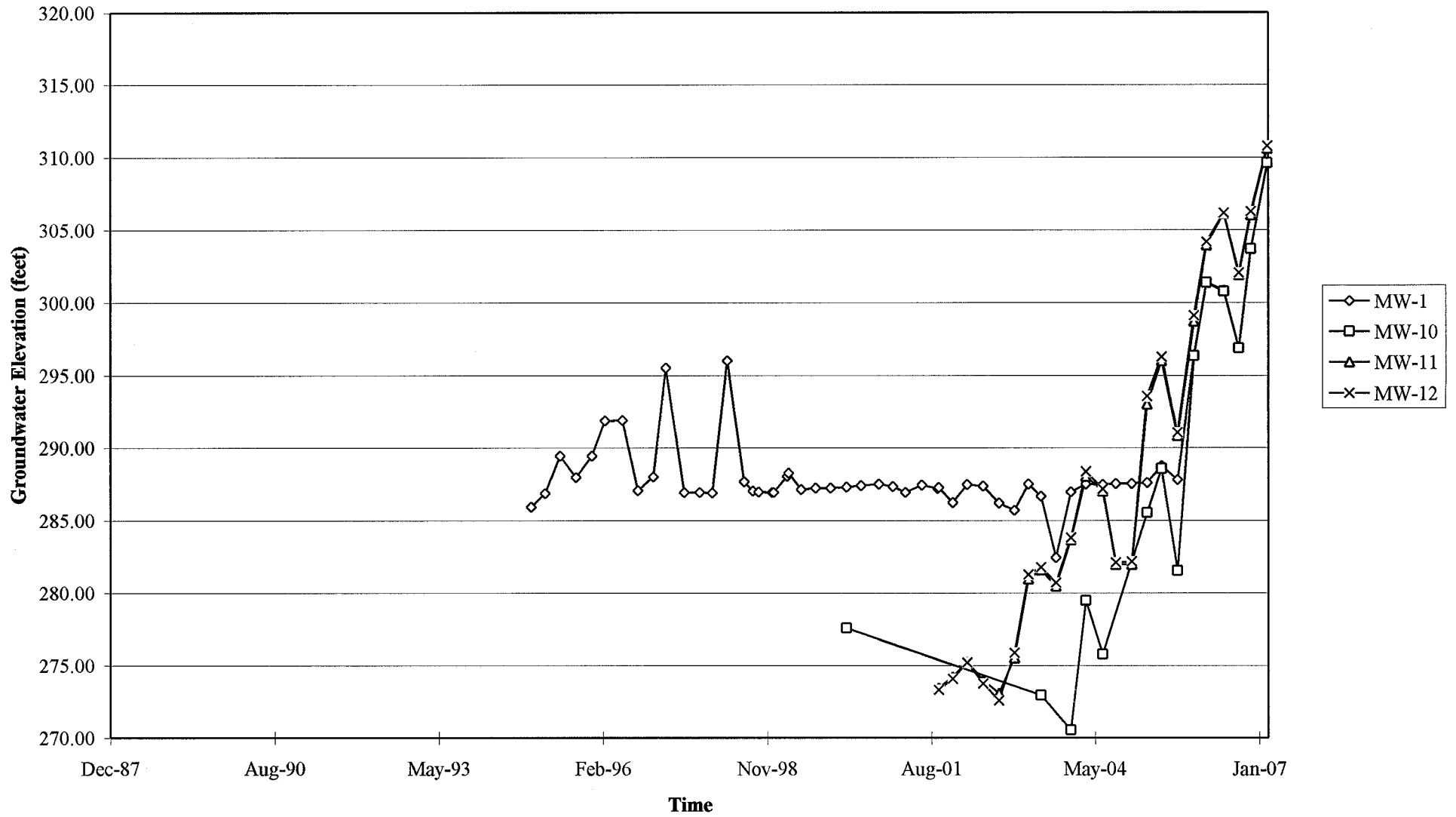
76 Station 7376  
4191 First Street  
Pleasanton, California



**FIGURE 5**

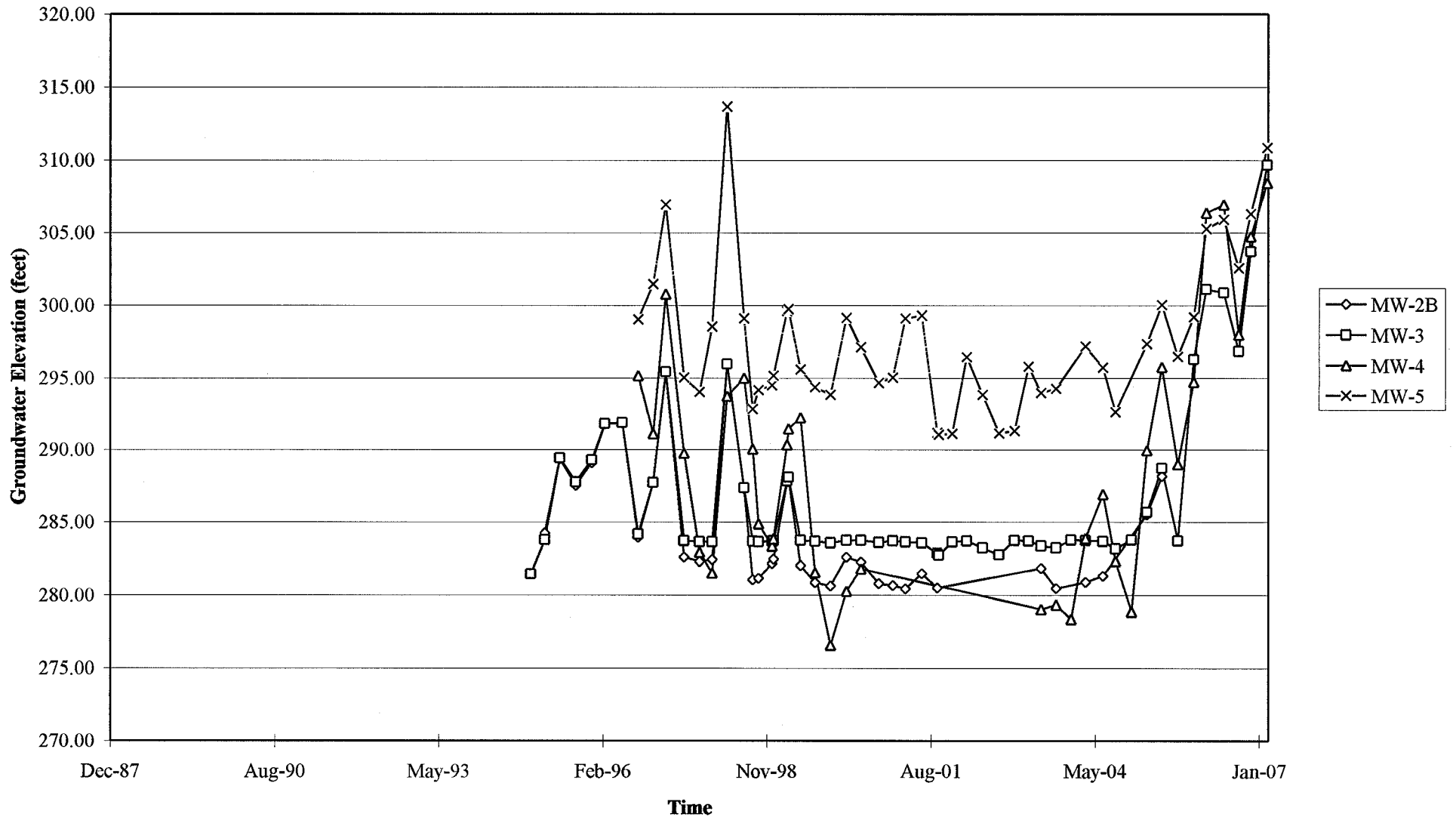
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 7376



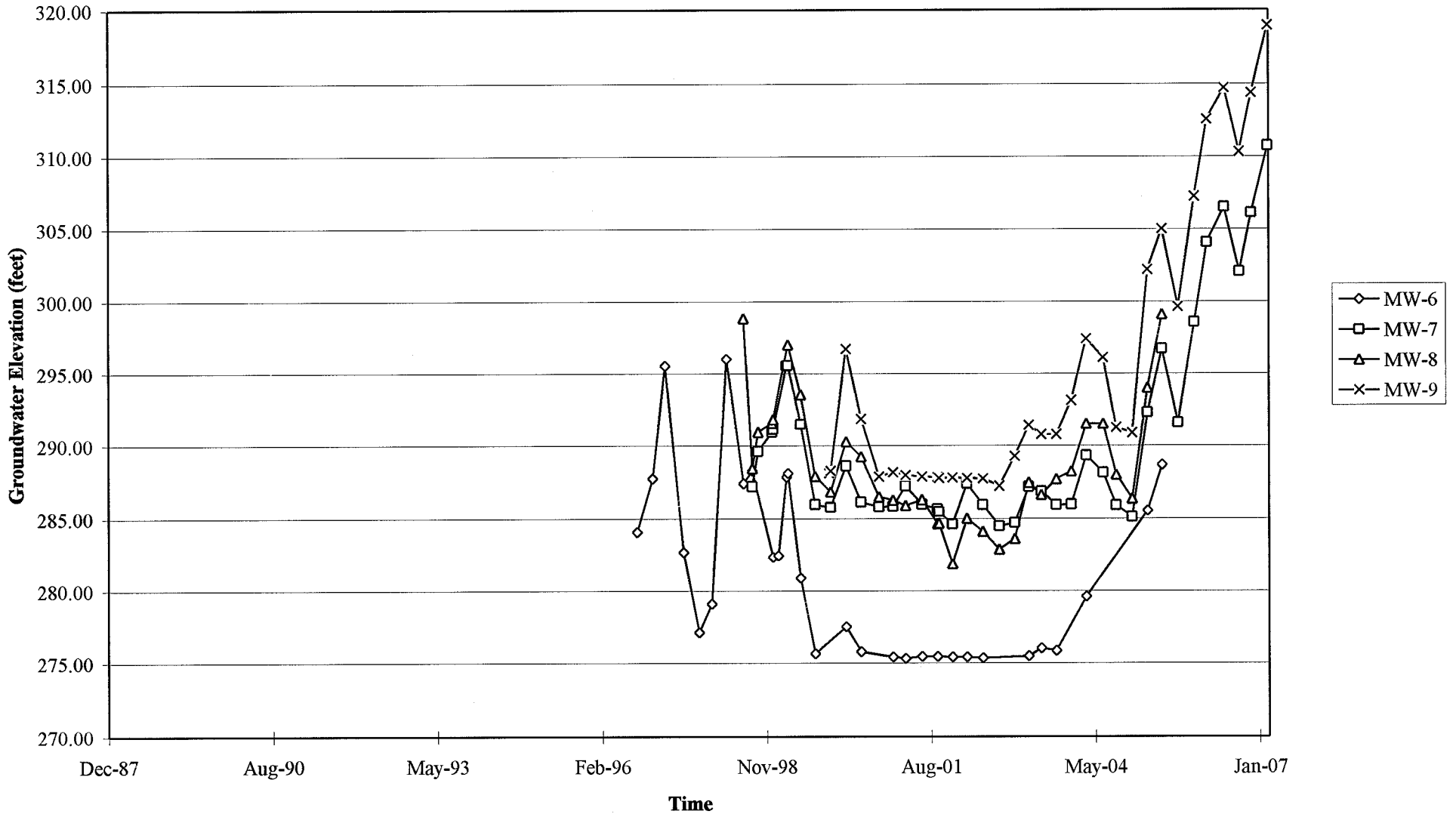
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 7376



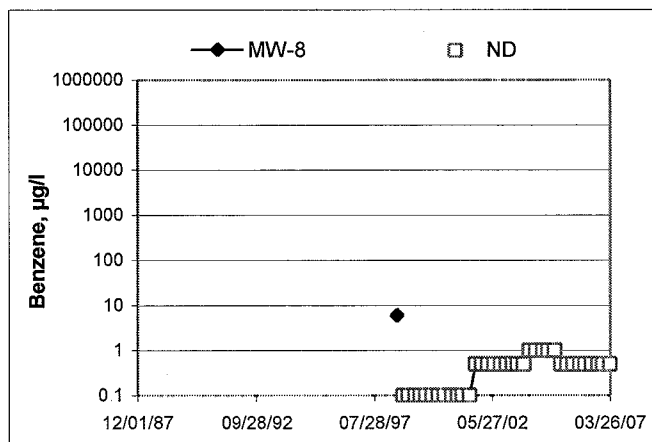
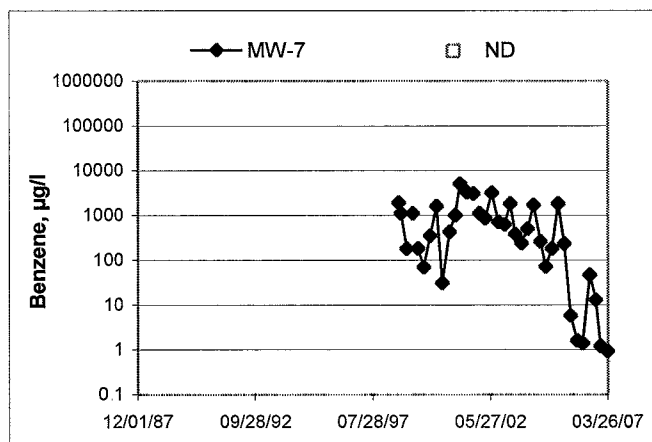
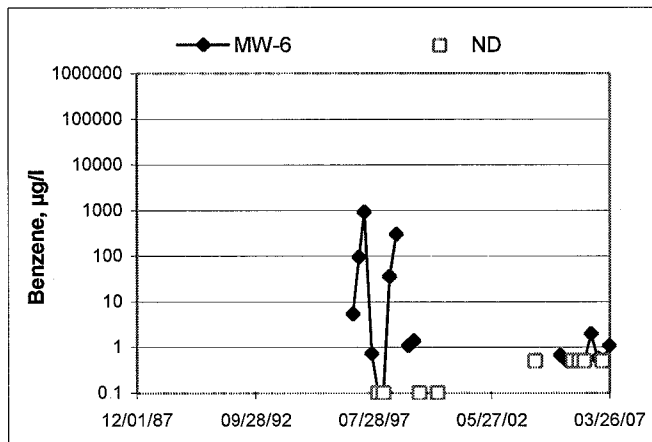
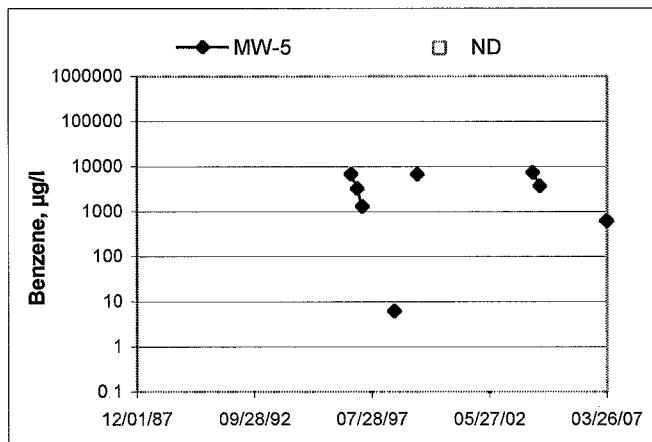
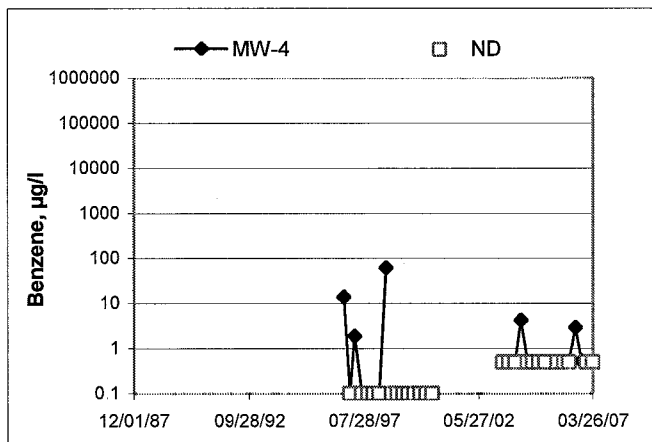
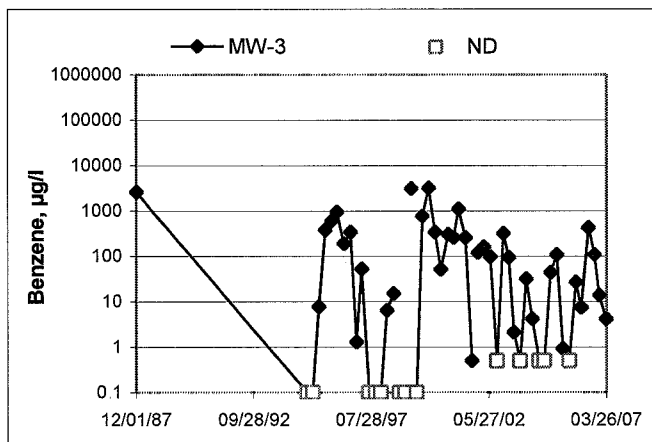
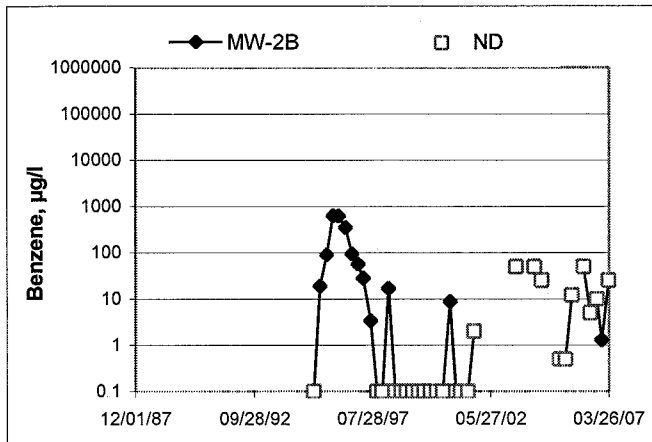
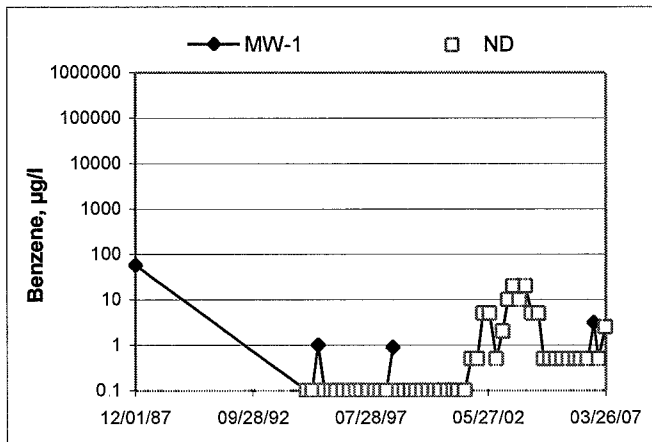
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 7376



Elevations may have been corrected for apparent changes due to resurvey

**Benzene 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 are 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 to a particular wells, 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: JOE

Site: 7376

Project No.: 41060001 / FA20

Date: 03-19-07

Well No. MW-11

Purge Method: SUB

Depth to Water (feet): 44.06

Depth to Product (feet):           

Total Depth (feet) 85.32

LPH & Water Recovered (gallons):           

Water Column (feet): 41.26

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 52.31

1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
0753			7	727.9	16.6	7.07			
			14	758.2	16.8	6.75			
	0800		21	762.8	17.2	6.72			
Static at Time Sampled			Total Gallons Purged		Sample Time				
44.20			21		0810				
Comments:									

Well No. MW-12

Purge Method: SUB

Depth to Water (feet): 43.32

Depth to Product (feet):           

Total Depth (feet) 89.05

LPH & Water Recovered (gallons):           

Water Column (feet): 45.73

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 52.46

1 Well Volume (gallons): 8

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
0825			8	740.5	15.9	6.81			
			16	751.4	16.7	6.67			
	0833		24	746.4	16.7	6.67			
Static at Time Sampled			Total Gallons Purged		Sample Time				
43.47			24		0843				
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7376

Project No.: 41060001

Date: 03-19-07

Well No. MW-7

Purge Method: SUB

Depth to Water (feet): 45.28

Depth to Product (feet):           

Total Depth (feet): 76.47

LPH & Water Recovered (gallons):           

Water Column (feet): 31.19

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5151

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0901			5	1209	16.0	6.46			
			10	1238	17.2	6.26			
	0907		15	1260	17.3	6.29			
		Static at Time Sampled	Total Gallons Purged		Sample Time				
		45.86	15		0917				
Comments:									

Well No. MW-9

Purge Method: SUB

Depth to Water (feet): 43.68

Depth to Product (feet):           

Total Depth (feet): 74.48

LPH & Water Recovered (gallons):           

Water Column (feet): 30.80

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 49.84

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0936			5	850.5	17.0	6.56			
			10	844.9	17.8	6.55			
	0942		15	837.5	18.2	6.51			
		Static at Time Sampled	Total Gallons Purged		Sample Time				
		43.85	15		0950				
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

7376  
Site: MW-8

Project No.: 41060001

Date: 03-19-07

Well No. MW-8

Purge Method: SUB

Depth to Water (feet): 51.00

Depth to Product (feet):           

Total Depth (feet): 84.81

LPH & Water Recovered (gallons):           

Water Column (feet): 33.81

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 57.76

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
1009			6	951.1	17.8	6.67			
			12	976.4	18.8	6.50			
	1017		18	995.2	18.8	6.38			
		Static at Time Sampled	Total Gallons Purged		Sample Time				
		57.76	18		1037				
Comments:									

Well No. MW-5

Purge Method: SUB

Depth to Water (feet): 52.37

Depth to Product (feet):           

Total Depth (feet): 72.46

LPH & Water Recovered (gallons):           

Water Column (feet): 20.09

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 56.38

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
1047			3	1211	19.2	6.77			
			6	1229	19.5	6.60			
	1052		9	1255	19.7	6.56			
		Static at Time Sampled	Total Gallons Purged		Sample Time				
		55.06	9		1110				
Comments: well had sheen, well also had sheen after purging and AT 80% Recharge Depth									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R

Site: 7376

Project No.: 41060001

Date: 3-19-07

Well No. MW-4

Purge Method: Sub

Depth to Water (feet): 60.37

Depth to Product (feet):         

Total Depth (feet) 93.77

LPH & Water Recovered (gallons):         

Water Column (feet): 33.40

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 67.05

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
0800			5	1432	9.7	6.00			
			10	1443	10.4	6.02			
	0811		15	1462	12.2	6.10			
Static at Time Sampled			Total Gallons Purged			Sample Time			
62.45			15			0820			
Comments:									

Well No. MW-6

Purge Method: Sub

Depth to Water (feet): 53.75

Depth to Product (feet):         

Total Depth (feet) 87.90

LPH & Water Recovered (gallons):         

Water Column (feet): 34.15

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 60.58

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
0835			5	715.0	12.3	6.82			
			10	711.2	13.3	6.78			
	0845		15	701.8	12.8	6.77			
Static at Time Sampled			Total Gallons Purged			Sample Time			
58.53			15			0850			
Comments:									





**GROUNDWATER SAMPLING FIELD NOTES**

Technician: STEPHEN R

Site: 7376

Project No.: 41060001

Date: 3-19-07

Well No. MW-3

Purge Method: Sub

Depth to Water (feet): 57.35

Depth to Product (feet):           

Total Depth (feet) 95.07

LPH & Water Recovered (gallons):           

Water Column (feet): 37.72

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 65.29

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
0915			6	866.4	13.9	7.17			
			12	903.2	14.2	6.95			
	0925		18	914.4	15.5	6.80			
Static at Time Sampled			Total Gallons Purged		Sample Time				
59.80			18		0935				
Comments:									

Well No. MW-10

Purge Method: Sub

Depth to Water (feet): 53.02

Depth to Product (feet):           

Total Depth (feet) 92.25

LPH & Water Recovered (gallons):           

Water Column (feet) 39.23

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 60.86

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
0950			6	512.9	15.6	7.51			
			12	515.9	16.8	8.01			
	1000		18	523.4	17.9	8.16			
Static at Time Sampled			Total Gallons Purged		Sample Time				
54.08			18		1015				
Comments:									



# GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R

Site: 7376

Project No.: 41060001

Date: 03-19-07

Well No. MW-1

Purge Method: Sub

Depth to Water (feet): 57.52

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

Total Depth (feet) 87.30

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

Water Column (feet) 29.78

Casing Diameter (Inches): 2"

80% Recharge Depth(feet) 63.47

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
<u>1025</u>			<u>5</u>	<u>946.1</u>	<u>16.3</u>	<u>7.25</u>			
			<u>10</u>	<u>945.0</u>	<u>18.3</u>	<u>7.07</u>			
	<u>1030</u>		<u>15</u>	<u>949.0</u>	<u>19.0</u>	<u>6.91</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>53.04</u>			<u>15</u>			<u>1040</u>			
Comments:									

Well No. MW-2B

Purge Method: Sub

Depth to Water (feet): 55.75

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

Total Depth (feet) 86.32

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

Water Column (feet) 30.57

Casing Diameter (Inches): 2"

80% Recharge Depth(feet) 61.86

1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
<u>1050</u>			<u>5</u>	<u>956.5</u>	<u>20.4</u>	<u>6.78</u>			
			<u>10</u>	<u>989.2</u>	<u>21.0</u>	<u>6.55</u>			
	<u>1058</u>		<u>15</u>	<u>1004</u>	<u>21.3</u>	<u>6.39</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>58.08</u>			<u>15</u>			<u>1120</u>			
Comments:									











# MANUAL PUMP/BAIL OUT SHEET

Site #: MIT 7376 Project #: 41060001 Date: 1-5-07

Technician: Chris Page #: 1 of 1

### Monitoring Data Before Pump/Bail Out

Well Number MW-5  
 Depth to Product 56.82  
 Depth to Water 56.83  
 Total Depth of Well 72.51  
 Feet of Total Fluid in Well 15.69  
 Thickness of Product (ft.) .01  
 Well Diameter (in.) 2"  
 One Well Volume (gal.) ↓ 7.016 cm

### Pump/Bail One Well Volume

Water Recovered (gal.) 1.09 gal.  
 Product Recovered (gal.) 0 gal.  
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)  
 Time Required for Purge 4 min  
 Comments: Strong gas odor

### Monitoring Data Before Pump/Bail Out

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

### Pump/Bail One Well Volume

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

### Monitoring Data Before Pump/Bail Out

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

### Pump/Bail One Well Volume

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

### Monitoring Data Before Pump/Bail Out

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

### Pump/Bail One Well Volume

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

Fluids from all of today's Manual Pump/Bail Outs were pumped into:

- 1) The ARS  2) Properly Labeled Drums  3) Other  \_\_\_\_\_





Date of Report: 04/02/2007

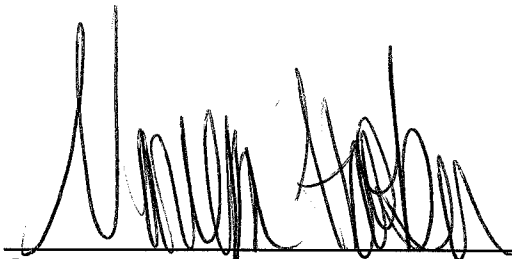
Anju Farfan

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Irvine, CA 92618-2302

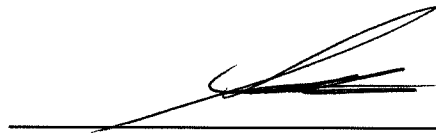
RE: 7376  
BC Work Order: 0703272

Enclosed are the results of analyses for samples received by the laboratory on 03/19/2007 21:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Hooker  
Client Service Rep



Authorized Signature

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 Irvine, CA 92618-2302

 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

**Reported: 04/02/2007 16:36**

## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0703272-01	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-11 <b>Sampling Point:</b> MW-11 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 08:10 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-02	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-12 <b>Sampling Point:</b> MW-12 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 08:43 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-03	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-7 <b>Sampling Point:</b> MW-7 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 09:17 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-04	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-9 <b>Sampling Point:</b> MW-9 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 09:50 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-05	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-8 <b>Sampling Point:</b> MW-8 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 10:37 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			

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## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0703272-06	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-5 <b>Sampling Point:</b> MW-5 <b>Sampled By:</b> Joe of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 11:10 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-07	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-4 <b>Sampling Point:</b> MW-4 <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 08:20 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-08	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-6 <b>Sampling Point:</b> MW-6 <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 08:50 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-09	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-3 <b>Sampling Point:</b> MW-3 <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 09:35 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0703272-10	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-10 <b>Sampling Point:</b> MW-10 <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 10:15 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:			

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 Project Number: [none]  
 Project Manager: Anju Farfan

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## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0703272-11	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-1 <b>Sampling Point:</b> MW-1 <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 10:40 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	Delivery Work Order: Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0703272-12	<b>COC Number:</b> --- <b>Project Number:</b> 7376 <b>Sampling Location:</b> MW-2B <b>Sampling Point:</b> MW-2B <b>Sampled By:</b> Stephen of TRCI	<b>Receive Date:</b> 03/19/2007 21:20 <b>Sampling Date:</b> 03/19/2007 11:20 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	Delivery Work Order: Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:

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 Project Number: [none]  
 Project Manager: Anju Farfan

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-01		Client Sample Name: 7376, MW-11, MW-11, 3/19/2007 8:10:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	96.5	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	89.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 01:50	DKC	MS-V12	1	BQC1461		

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 Project Number: [none]  
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Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-01	<b>Client Sample Name:</b> 7376, MW-11, MW-11, 3/19/2007 8:10:00AM, Joe												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	63	ug/L	50		Luft/TPHd	03/21/07	03/28/07 18:00	MRW	GC-5	1.020	BQC1648	ND	
Tetracosane (Surrogate)	76.3	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 18:00	MRW	GC-5	1.020	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-02		Client Sample Name: 7376, MW-12, MW-12, 3/19/2007 8:43:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	98.0	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	89.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 02:16	DKC	MS-V12	1	BQC1461		



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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-02		<b>Client Sample Name:</b> 7376, MW-12, MW-12, 3/19/2007 8:43:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	99	ug/L	50		Luft/TPHd	03/21/07	03/28/07 18:14	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	71.5	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 18:14	MRW	GC-5	1	BQC1648		

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 Project Number: [none]  
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Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-03		Client Sample Name: 7376, MW-7, MW-7, 3/19/2007 9:17:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.92	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	98	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	200	ug/L	50		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	93.7	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:04	DKC	MS-V12	1	BQC1461		

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Project: 7376  
 Project Number: [none]  
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Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-03		<b>Client Sample Name:</b> 7376, MW-7, MW-7, 3/19/2007 9:17:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	140	ug/L	50		Luft/TPHd	03/21/07	03/28/07 18:27	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	62.1	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 18:27	MRW	GC-5	1	BQC1648		

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 Project Number: [none]  
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Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703272-04												
Client Sample Name:	7376, MW-9, MW-9, 3/19/2007 9:50:00AM, Joe												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	96.8	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	88.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 05:57	DKC	MS-V12	1	BQC1461		

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 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-04	<b>Client Sample Name:</b> 7376, MW-9, MW-9, 3/19/2007 9:50:00AM, Joe												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	03/21/07	03/28/07 18:41	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	55.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 18:41	MRW	GC-5	1	BQC1648		

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 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-05		Client Sample Name: 7376, MW-8, MW-8, 3/19/2007 10:37:00AM, Joe											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	480	ug/L	5.0		EPA-8260	03/25/07	03/26/07 18:45	DKC	MS-V12	10	BQC1461	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	340	ug/L	50		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	113	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 18:45	DKC	MS-V12	10	BQC1461		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	97.1	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 18:45	DKC	MS-V12	10	BQC1461		
4-Bromofluorobenzene (Surrogate)	88.8	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 18:45	DKC	MS-V12	10	BQC1461		
4-Bromofluorobenzene (Surrogate)	89.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 06:23	DKC	MS-V12	1	BQC1461		

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## Total Petroleum Hydrocarbons

BCL Sample ID:	0703272-05												
Client Sample Name:	7376, MW-8, MW-8, 3/19/2007 10:37:00AM, Joe												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	60	ug/L	50		Luft/TPHd	03/21/07	03/28/07 19:36	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	53.5	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 19:36	MRW	GC-5	1	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703272-06		Client Sample Name:	7376, MW-5, MW-5, 3/19/2007 11:10:00AM, Joe										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	620	ug/L	12		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461	ND	A01	
Ethylbenzene	330	ug/L	12		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461	ND	A01	
Methyl t-butyl ether	1600	ug/L	12		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461	ND	A01	
Toluene	31	ug/L	0.50		EPA-8260	03/25/07	03/26/07 07:15	DKC	MS-V12	1	BQC1461	ND		
Total Xylenes	320	ug/L	12		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461	ND	A01	
Total Purgeable Petroleum Hydrocarbons	16000	ug/L	1200		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461			
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 07:15	DKC	MS-V12	1	BQC1461			
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 07:15	DKC	MS-V12	1	BQC1461			
Toluene-d8 (Surrogate)	97.8	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461			
4-Bromofluorobenzene (Surrogate)	146	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 07:15	DKC	MS-V12	1	BQC1461		S09	
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:11	DKC	MS-V12	25	BQC1461			



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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-06	<b>Client Sample Name:</b> 7376, MW-5, MW-5, 3/19/2007 11:10:00AM, Joe												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	84000	ug/L	5100		Luft/TPHd	03/21/07	03/29/07 11:41	VTR	GC-13	101.01	BQC1648	ND	
Tetracosane (Surrogate)	0	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/29/07 11:41	VTR	GC-13	101.01	BQC1648		A17

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-07		Client Sample Name: 7376, MW-4, MW-4, 3/19/2007 8:20:00AM, Stephen											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	94.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:27	DKC	MS-V12	1	BQC1461		

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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-07	<b>Client Sample Name:</b> 7376, MW-4, MW-4, 3/19/2007 8:20:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	66	ug/L	50		Luft/TPHd	03/21/07	03/28/07 20:04	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	62.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 20:04	MRW	GC-5	1	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703272-08												
Client Sample Name:	7376, MW-6, MW-6, 3/19/2007 8:50:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.1	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	22	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	95.2	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	93.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 17:53	DKC	MS-V12	1	BQC1461		

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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-08	<b>Client Sample Name:</b> 7376, MW-6, MW-6, 3/19/2007 8:50:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	90	ug/L	56		Luft/TPHd	03/21/07	03/28/07 20:17	MRW	GC-5	1.124	BQC1648	ND	
Tetracosane (Surrogate)	56.4	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 20:17	MRW	GC-5	1.124	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-09		Client Sample Name: 7376, MW-3, MW-3, 3/19/2007 9:35:00AM, Stephen											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	4.2	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	69	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	0.88	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	820	ug/L	50		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	96.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:33	DKC	MS-V12	1	BQC1461		

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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-09		<b>Client Sample Name:</b> 7376, MW-3, MW-3, 3/19/2007 9:35:00AM, Stephen											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	660	ug/L	50		Luft/TPHd	03/21/07	03/28/07 20:31	MRW	GC-5	1.042	BQC1648	ND	
Tetracosane (Surrogate)	70.7	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 20:31	MRW	GC-5	1.042	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703272-10		Client Sample Name: 7376, MW-10, MW-10, 3/19/2007 10:15:00AM, Stephen											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	
Methyl t-butyl ether	100	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	
Total Purgeable Petroleum Hydrocarbons	78	ug/L	50		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461		
Toluene-d8 (Surrogate)	94.6	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461		
4-Bromofluorobenzene (Surrogate)	96.0	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 08:59	DKC	MS-V12	1	BQC1461		



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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-10	<b>Client Sample Name:</b> 7376, MW-10, MW-10, 3/19/2007 10:15:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	190	ug/L	50		Luft/TPHd	03/21/07	03/28/07 20:45	MRW	GC-5	1.020	BQC1648	ND	
Tetracosane (Surrogate)	65.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 20:45	MRW	GC-5	1.020	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703272-11													
Client Sample Name:	7376, MW-1, MW-1, 3/19/2007 10:40:00AM, Stephen													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	2.5		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462	ND	A01	
Ethylbenzene	ND	ug/L	2.5		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462	ND	A01	
Methyl t-butyl ether	990	ug/L	5.0		EPA-8260	03/25/07	03/26/07 09:26	DKC	MS-V12	10	BQC1462	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462	ND	A01	
Total Xylenes	ND	ug/L	2.5		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462	ND	A01	
Total Purgeable Petroleum Hydrocarbons	740	ug/L	250		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462	ND	A01,A53	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:26	DKC	MS-V12	10	BQC1462			
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462			
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:26	DKC	MS-V12	10	BQC1462			
Toluene-d8 (Surrogate)	95.6	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462			
4-Bromofluorobenzene (Surrogate)	93.8	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 20:04	DKC	MS-V12	5	BQC1462			
4-Bromofluorobenzene (Surrogate)	90.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:26	DKC	MS-V12	10	BQC1462			

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## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0703272-11	<b>Client Sample Name:</b> 7376, MW-1, MW-1, 3/19/2007 10:40:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	170	ug/L	50		Luf/TPHd	03/21/07	03/28/07 20:59	MRW	GC-5	1	BQC1648	ND	
Tetracosane (Surrogate)	68.7	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/21/07	03/28/07 20:59	MRW	GC-5	1	BQC1648		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 7376, MW-2B, MW-2B, 3/19/2007 11:20:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	25		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462	ND	A01
Ethylbenzene	ND	ug/L	25		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462	ND	A01
Methyl t-butyl ether	11000	ug/L	120		EPA-8260	03/25/07	03/26/07 19:38	DKC	MS-V12	250	BQC1462	ND	A01
Toluene	ND	ug/L	25		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462	ND	A01
Total Xylenes	ND	ug/L	25		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462	ND	A01
Total Purgeable Petroleum Hydrocarbons	8600	ug/L	2500		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462	ND	A01,A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:38	DKC	MS-V12	250	BQC1462		
Toluene-d8 (Surrogate)	95.1	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:38	DKC	MS-V12	250	BQC1462		
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462		
4-Bromofluorobenzene (Surrogate)	91.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 19:38	DKC	MS-V12	250	BQC1462		
4-Bromofluorobenzene (Surrogate)	95.0	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/07	03/26/07 09:52	DKC	MS-V12	50	BQC1462		



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## Total Petroleum Hydrocarbons

BCL Sample ID: 0703272-12		Client Sample Name: 7376, MW-2B, MW-2B, 3/19/2007 11:20:00AM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	30000	ug/L	2600		Luft/TPHd	03/21/07	03/28/07 21:12	MRW	GC-5	52.083	BQC1648	ND	A01	
Tetracosane (Surrogate)	0	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/21/07	03/28/07 21:12	MRW	GC-5	52.083	BQC1648		A01,S09	

TRC Alton Geoscience  
 21 Technology Drive  
 Irvine, CA 92618-2302

 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BQC1461	Matrix Spike	0703253-13	0	29.300	25.000	ug/L		117		70 - 130
		Matrix Spike Duplicate	0703253-13	0	29.730	25.000	ug/L	1.7	119	20	70 - 130
Toluene	BQC1461	Matrix Spike	0703253-13	0	23.610	25.000	ug/L		94.4		70 - 130
		Matrix Spike Duplicate	0703253-13	0	23.920	25.000	ug/L	1.4	95.7	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BQC1461	Matrix Spike	0703253-13	ND	10.600	10.000	ug/L		106		76 - 114
		Matrix Spike Duplicate	0703253-13	ND	10.870	10.000	ug/L		109		76 - 114
Toluene-d8 (Surrogate)	BQC1461	Matrix Spike	0703253-13	ND	9.3700	10.000	ug/L		93.7		88 - 110
		Matrix Spike Duplicate	0703253-13	ND	9.3000	10.000	ug/L		93.0		88 - 110
4-Bromofluorobenzene (Surrogate)	BQC1461	Matrix Spike	0703253-13	ND	9.7700	10.000	ug/L		97.7		86 - 115
		Matrix Spike Duplicate	0703253-13	ND	10.130	10.000	ug/L		101		86 - 115
Benzene	BQC1462	Matrix Spike	0703326-01	0	26.520	25.000	ug/L		106		70 - 130
		Matrix Spike Duplicate	0703326-01	0	25.920	25.000	ug/L	1.9	104	20	70 - 130
Toluene	BQC1462	Matrix Spike	0703326-01	0	23.510	25.000	ug/L		94.0		70 - 130
		Matrix Spike Duplicate	0703326-01	0	23.240	25.000	ug/L	1.1	93.0	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BQC1462	Matrix Spike	0703326-01	ND	11.270	10.000	ug/L		113		76 - 114
		Matrix Spike Duplicate	0703326-01	ND	10.810	10.000	ug/L		108		76 - 114
Toluene-d8 (Surrogate)	BQC1462	Matrix Spike	0703326-01	ND	9.5500	10.000	ug/L		95.5		88 - 110
		Matrix Spike Duplicate	0703326-01	ND	9.5000	10.000	ug/L		95.0		88 - 110
4-Bromofluorobenzene (Surrogate)	BQC1462	Matrix Spike	0703326-01	ND	9.8000	10.000	ug/L		98.0		86 - 115
		Matrix Spike Duplicate	0703326-01	ND	10.070	10.000	ug/L		101		86 - 115

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Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits			
									Percent Recovery	RPD	Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BQC1648	Matrix Spike	0610676-93	36.452	404.78	500.00	ug/L		73.7		41 - 139	
		Matrix Spike Duplicate	0610676-93	36.452	578.44	500.00	ug/L	37.8	108	30	41 - 139	Q02
Tetracosane (Surrogate)	BQC1648	Matrix Spike	0610676-93	ND	10.151	20.000	ug/L		50.8		42 - 125	
		Matrix Spike Duplicate	0610676-93	ND	14.333	20.000	ug/L		71.7		42 - 125	

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 21 Technology Drive  
 Irvine, CA 92618-2302

 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BQC1461	BQC1461-BS1	LCS	30.160	25.000	0.50	ug/L	121		70 - 130		
Toluene	BQC1461	BQC1461-BS1	LCS	23.580	25.000	0.50	ug/L	94.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQC1461	BQC1461-BS1	LCS	11.060	10.000		ug/L	111		76 - 114		
Toluene-d8 (Surrogate)	BQC1461	BQC1461-BS1	LCS	9.2500	10.000		ug/L	92.5		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQC1461	BQC1461-BS1	LCS	9.8300	10.000		ug/L	98.3		86 - 115		
Benzene	BQC1462	BQC1462-BS1	LCS	24.180	25.000	0.50	ug/L	96.7		70 - 130		
Toluene	BQC1462	BQC1462-BS1	LCS	21.740	25.000	0.50	ug/L	87.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQC1462	BQC1462-BS1	LCS	10.660	10.000		ug/L	107		76 - 114		
Toluene-d8 (Surrogate)	BQC1462	BQC1462-BS1	LCS	9.5500	10.000		ug/L	95.5		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQC1462	BQC1462-BS1	LCS	9.9800	10.000		ug/L	99.8		86 - 115		





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Irvine, CA 92618-2302

Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BQC1648	BQC1648-BS1	LCS	472.55	500.00	50	ug/L	94.5		62 - 101		
Tetracosane (Surrogate)	BQC1648	BQC1648-BS1	LCS	15.052	20.000		ug/L	75.3		42 - 125		

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 21 Technology Drive  
 Irvine, CA 92618-2302

 Project: 7376  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BQC1461	BQC1461-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQC1461	BQC1461-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQC1461	BQC1461-BLK1	ND	ug/L	0.50		
Toluene	BQC1461	BQC1461-BLK1	ND	ug/L	0.50		
Total Xylenes	BQC1461	BQC1461-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BQC1461	BQC1461-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQC1461	BQC1461-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQC1461	BQC1461-BLK1	93.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQC1461	BQC1461-BLK1	90.5	%	86 - 115 (LCL - UCL)		
Benzene	BQC1462	BQC1462-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQC1462	BQC1462-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQC1462	BQC1462-BLK1	ND	ug/L	0.50		
Toluene	BQC1462	BQC1462-BLK1	ND	ug/L	0.50		
Total Xylenes	BQC1462	BQC1462-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BQC1462	BQC1462-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQC1462	BQC1462-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQC1462	BQC1462-BLK1	97.1	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQC1462	BQC1462-BLK1	89.5	%	86 - 115 (LCL - UCL)		



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Irvine, CA 92618-2302

Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

## Total Petroleum Hydrocarbons Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BQC1648	BQC1648-BLK1	ND	ug/L	50		M02
Tetracosane (Surrogate)	BQC1648	BQC1648-BLK1	69.2	%	42 - 125 (LCL - UCL)		

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Irvine, CA 92618-2302

Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/02/2007 16:36

### 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.  
A53 Chromatogram not typical of gasoline.  
M02 Analyte detected in the Method Blank at a level between the PQL and 1/2 the PQL.  
Q02 Matrix spike precision is not within the control limits.  
S09 The surrogate recovery on the sample for this compound was not within the control limits.

Submission #: 07-03212

Project Code:

TB Batch #

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

Ice Chest ID: G4W  
 Temperature: 2.5 °C  
 Thermometer ID: #46

Emissivity: 0.98  
 Container: DA

Date/Time: 3/19/07  
 Analyst Init: OTO

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										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A, B	A, B	A, B	A, B	A, B	A, B	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
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 QA/QC										
QT AMBER	B, C	B, C	B, C	B, C	B, C	B, C				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: - G description on bottle says mw-5  
 Sample Numbering Completed By: OTO Date/Time: 3/20/07 0200

Submission #: 07-03272

Project Code:                     

TB Batch #                     

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

Ice Chest ID GW  
Temperature: 1.7 °C  
Thermometer ID: #48

Emissivity 0.98  
Container QA

Date/Time 3/19/07  
Analyst Init GTO

SAMPLE CONTAINERS

SAMPLE NUMBERS

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

100ml TOTAL ORGANIC CARBON

QT TOX

PT CHEMICAL OXYGEN DEMAND

PTA PHENOLICS

40ml VOA VIAL TRAVEL BLANK

40ml VOA VIAL

QT EPA 413.1, 413.2, 418.1

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 QA/OC

QT AMBER

8 OZ. JAR

32 OZ. JAR

SOIL SLEEVE

PCB VIAL

PLASTIC BAG

FERROUS IRON

ENCORE

	7	8	9	10	11	12	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										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A.Y.	A.Y.	A.Y.	A.Y.	A.Y.	A.Y.				
QT EPA 413.1, 413.2, 418.1										
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 QA/OC										
QT AMBER	B.C	B.C	B.C	B.C	B.C	B.C				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:                       
Sample Numbering Completed By: GTO Date/Time: 3/20/07 0200

CHK BY <i>AM</i>	DISTRIBUTION <i>[Signature]</i>
	SUB-OUT <input type="checkbox"/>

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

*0703272*

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015 M	8260 full list w/ oxygenates	BTEX/MTBE/XXX BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	Turnaround Time Requested
Address: <i>4191 First St.</i>		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City: <i>Pleasanton</i>		4-digit site#: <i>7376</i>										
State: CA Zip:		Workorder # <i>01652-4506956717</i>										
Conoco Phillips Mgr: <i>Shelby Lathrop</i>		Project #: <i>410600d</i>										
Lab#		Sample Description		Field Point Name		Date & Time Sampled						
			<i>-1</i>	<i>MW-11</i>	<i>03-19-07 0510</i>	<i>GW</i>						<i>STD</i>
			<i>-2</i>	<i>MW-12</i>	<i>0843</i>							
			<i>-3</i>	<i>MW-7</i>	<i>0917</i>							
			<i>-4</i>	<i>MW-9</i>	<i>0950</i>							
			<i>-5</i>	<i>MW-8</i>	<i>1037</i>							
			<i>-6</i>	<i>MW-5</i>	<i>1110</i>							

Comments:  GLOBAL ID: <i>T0600100101</i>	Relinquished by: (Signature) <i>Joe D. Lewis</i>	Received by: <i>refrigerator</i>	Date & Time <i>03-19-07 1330</i>
	Relinquished by: (Signature) <i>Joe D. Lewis</i>	Received by: <i>Ross Dickey</i>	Date & Time <i>3/19/07 1345</i>
	Relinquished by: (Signature) <i>Ross Dickey 3/19/07</i>	Received by: <i>R. Ruyund</i>	Date & Time <i>3-19-07 1750</i>

(A) = ANALYSIS

(C) = CONTAINER

(P) = PRESERVATIVE

*R. Ruyund 3-19-07 2120*

*Tari Obafemi 3/19/07 2120*

07-03272

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) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by <del>GC/MS</del> GC/MS	TPH DIESEL by 8015M	8260 full list w/ oxygenates	BTEX/MTBE/ <del>GC/MS</del> BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS				Turnaround Time Requested
Address: 4191 First St.		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan													
City: Pleasanton		4-digit site#: 7376													
State: CA Zip:		Workorder # 01657-4506956717													
Conoco Phillips Mgr: Shelby Lathrop		Project #: 41060001													
		Sampler Name: STEPHEN R.													
Lab#	Sample Description	Field Point Name	Date & Time Sampled												
	-7	MW-4	3-19-07/0820	GW		X	X		X						STD
	-8	MW-6	0850			X	X		X						X
	-9	MW-3	0935			X	X		X						X
	-10	MW-10	1015			X	X		X						X
	-11	MW-1	1040			X	X		X						X
	-12	MW-2B	1120			X	X		X						X

Comments:  GLOBAL ID:  T0600100101	Relinquished by: (Signature) <i>[Signature]</i>	Received by: Fridge	Date & Time 03-19-07/1330
	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time 3/19/07 1350
	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time 3-19-07 1750

(A) = ANALYSIS

(C) = CONTAINER

(P) = PRESERVATIVE

*[Signature]* 3-19-07 2120

*[Signature]* 3/19/07 2120



## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by others.

### **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.

**Historical Groundwater Flow Directions  
for Tosco (76) Service Station No. 7376  
March 1999 through March 2007**

