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April 6, 2006

ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
JANUARY THROUGH MARCH 2006

Dear Ms. Lathrop:

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) 753-0101.

Sincerely,

TRC

Anju Farfan  
QMS Operations Manager

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

Enclosures  
20-0400/7376R010 QMS





**QUARTERLY MONITORING REPORT  
JANUARY THROUGH MARCH 2005**

76 STATION 7376  
4191 First Street  
Pleasanton, California

Prepared For:

Ms. Shelby Lathrop  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:


Senior Project Geologist, Irvine Operations  
April 5, 2006



## LIST OF ATTACHMENTS

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Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 3/15/06 Groundwater Sampling Field Notes – 3/15/06 LPH Pump/Bailout Sheet – 3/15/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**January 2006 through March 2006**  
**76 Station 7376**  
**4191 First Street**  
**Pleasanton, CA**

Project Coordinator: **Shelby Lathrop**  
Telephone: **916-558-7609**

Water Sampling Contractor: **TRC**  
Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **03/15/06**

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**Sample Points**

Groundwater wells: **4 onsite, 8 offsite**      Wells gauged: **12**      Wells sampled: **11**  
Purging method: **Submersible pump/bailer**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

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**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **1**      Maximum thickness (feet): **0.01 (MW-5)**  
LPH removal frequency: **With Sampling Events**      Method: **Bailer**  
Treatment or disposal of water/LPH: **Onyx/Rodeo Unit 100**

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**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **49.92 feet**      Maximum: **65.91 feet**  
Average groundwater elevation (relative to available local datum): **303.94 feet**  
Average change in groundwater elevation since previous event: **5.87 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **\*\*see notes**  
    Previous event: **\*see notes (12/29/05)**

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**Selected Laboratory Results**

Wells with detected **Benzene**: **2**      Wells above MCL (1.0 µg/l): **2**  
    Maximum reported benzene concentration: **7.5 µg/l (MW-3)**  
  
Wells with **TPPH 8260B**      **4**      Maximum: **860 µg/l (MW-3)**  
Wells with **MTBE**      **8**      Maximum: **5,700 µg/l (MW-2B)**

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**Notes:**

\*\*Groundwater gradient is 0.04 ft/ft west to south. \*Previous groundwater gradient is 0.04 ft/ft west to 0.03 ft/ft south.  
MW-5=LPH in well,

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

### 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-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
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

## Site: 76 Station 7376

### Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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)	TPPH (8260)	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 15, 2006**  
**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)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-1</b>		<b>(Screen Interval in feet: 65.0-95.0)</b>												
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	
<b>MW-2B</b>		<b>(Screen Interval in feet: 65.0-85.0)</b>												
03/15/06	365.05	64.03	0.00	301.02	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
<b>MW-3</b>		<b>(Screen Interval in feet: 76.5-96.5)</b>												
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	
<b>MW-4</b>		<b>(Screen Interval in feet: 73.0-93.0)</b>												
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	
<b>MW-5</b>		<b>(Screen Interval in feet: 52.0-72.0)</b>												
03/15/06	363.21	57.95	0.01	305.27	6.09	--	--	--	--	--	--	--	--	LPH in well
<b>MW-6</b>		<b>(Screen Interval in feet: 68.0-88.0)</b>												
03/15/06	363.13	61.88	0.00	301.25	5.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
<b>MW-7</b>		<b>(Screen Interval in feet: 55.0-75.0)</b>												
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	
<b>MW-8</b>		<b>(Screen Interval in feet: 66.0-86.0)</b>												
03/15/06	361.83	56.89	0.00	304.94	5.43	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
<b>MW-9</b>		<b>(Screen Interval in feet: DNA)</b>												
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	
<b>MW-10</b>		<b>(Screen Interval in feet: DNA)</b>												
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	
<b>MW-11</b>		<b>(Screen Interval in feet: DNA)</b>												
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	
<b>MW-12</b>		<b>(Screen Interval in feet: DNA)</b>												
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	



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

Date Sampled	TPH-D
(µg/l)	
<b>MW-1</b>	
03/15/06	ND<200
<b>MW-2B</b>	
03/15/06	7200
<b>MW-3</b>	
03/15/06	520
<b>MW-4</b>	
03/15/06	ND<200
<b>MW-6</b>	
03/15/06	ND<200
<b>MW-7</b>	
03/15/06	ND<200
<b>MW-8</b>	
03/15/06	ND<200
<b>MW-9</b>	
03/15/06	ND<200
<b>MW-10</b>	
03/15/06	ND<200
<b>MW-11</b>	
03/15/06	ND<200
<b>MW-12</b>	
03/15/06	240

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-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 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-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 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-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	
<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	--	
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	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**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)	TPPH (8260) (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>														
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
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	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**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)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-2B continued</b>														
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	365.05	83.24	0.00	281.81	-6.35	--	3200	ND<12	ND<12	ND<12	ND<25	--	6000	
12/29/05	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
03/15/06	365.05	64.03	0.00	301.02	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
<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	--	--	
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	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
09/29/97	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	--	
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-3 continued</b>														
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	
<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	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
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	--	
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
09/09/03	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	
<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	--	--	--	--	--	--	--	--	

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**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
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
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
09/08/04	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
<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	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
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	--	
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**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)	TPPH (8260) (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>														
06/15/05	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	363.13	81.92	0.00	281.21	-7.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	
12/29/05	363.13	67.19	0.00	295.94	14.73	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
03/15/06	363.13	61.88	0.00	301.25	5.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
<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	--	
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**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)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-7 continued</b>														
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	
<b>MW-8 (Screen Interval in feet: 66.0-86.0)</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

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
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<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<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<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	
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	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-8 continued</b>														
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	361.83	68.11	0.00	293.72	-5.37	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
12/29/05	361.83	62.32	0.00	299.51	5.79	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	390	
03/15/06	361.83	56.89	0.00	304.94	5.43	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
<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	--	
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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**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)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-9 continued</b>														
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	
<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

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-10 continued</b>														
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	
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	
<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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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-11 continued</b>														
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	
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	
<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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2006**  
**76 Station 7376**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	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>														
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	
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	

**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	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-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	--	--	--	--	--	--	--
<b>MW-2</b>								
12/08/87	620	--	--	--	--	--	--	--
<b>MW-2B</b>								
03/01/95	320	--	--	--	--	--	--	--
06/01/95	280	--	--	--	--	--	--	--
09/06/95	ND	--	--	--	--	--	--	--

**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-2B continued</b>								
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	--	--	--	--	--	--	--
03/17/05	280	--	--	--	--	--	--	--
06/15/05	560	--	--	--	--	--	--	--
09/20/05	340	--	--	--	--	--	--	--



**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>								
03/15/06	7200	--	--	--	--	--	--	--
<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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

**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>								
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	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	1400	--	--	--	--	--	--	--
03/15/06	520	--	--	--	--	--	--	--
<b>MW-4</b>								
09/18/96	200	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
03/07/97	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-4 continued</b>								
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

**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-5 continued</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	--	--	--	--	--	--	--
<b>MW-6</b>								
09/18/96	ND	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

**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</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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

**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>								
12/14/04	160	--	--	--	--	--	--	--
03/17/05	380	--	--	--	--	--	--	--
06/15/05	630	--	--	--	--	--	--	--
09/20/05	280	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
<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

**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>								
03/26/03	120	ND<100	ND<500	ND<2.0	ND<2.0	7.1	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	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	--	--	--	--	--	--	--
<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
03/15/02	ND<51	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<110	--	--	--	--	--	--	--

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

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>MW-9 continued</b>								
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	--	--	--	--	--	--	--
<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	--	--	--	--	--	--	--
03/17/05	ND<50	--	--	--	--	--	--	--
06/15/05	71	--	--	--	--	--	--	--
09/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
<b>MW-11</b>								
09/25/01	ND<50	--	--	--	--	--	--	--



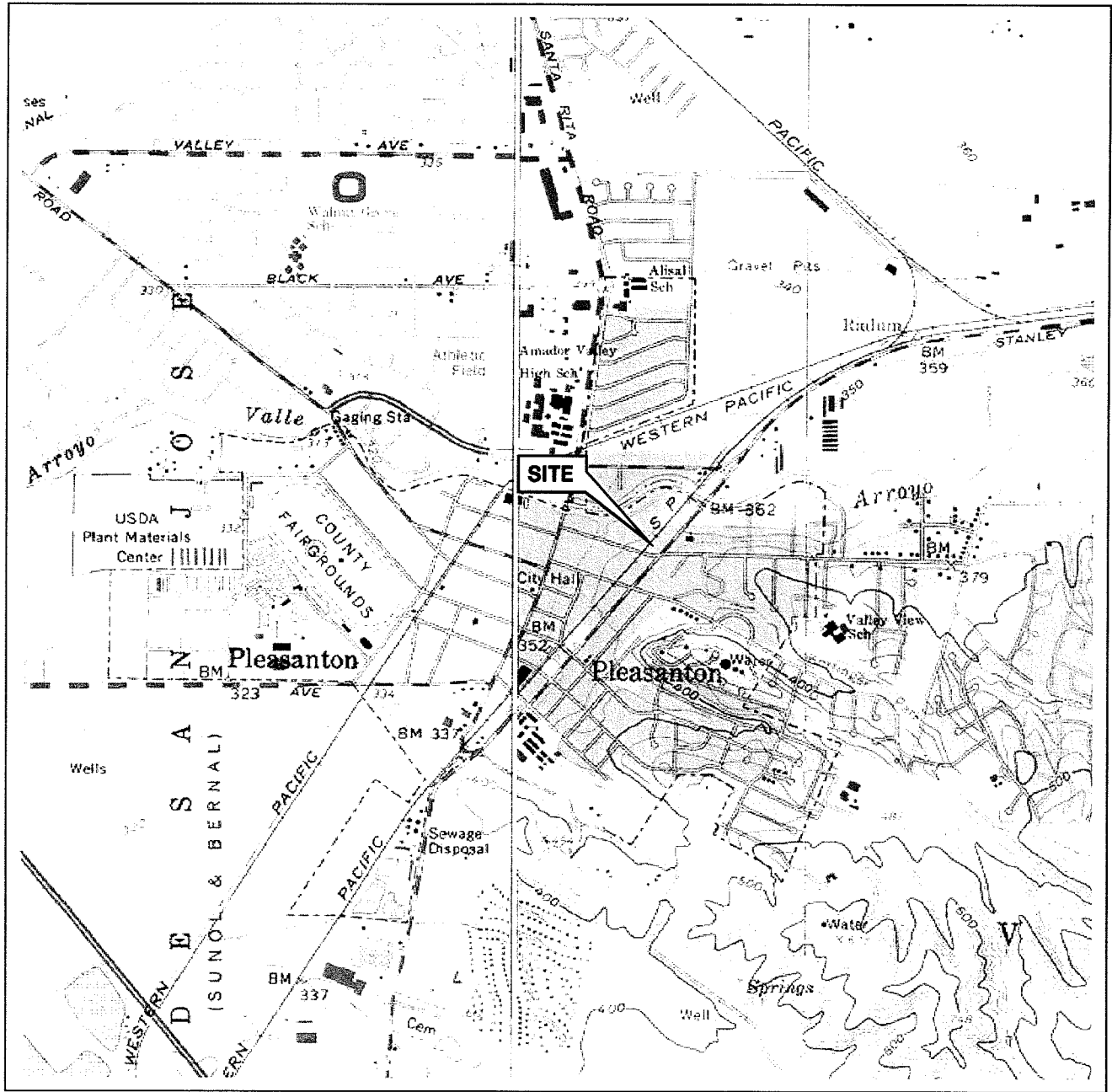
**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

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-11 continued</b>								
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	--	--	--	--	--	--	--
09/20/05	210	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
03/15/06	ND<200	--	--	--	--	--	--	--
<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

**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>								
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	--	--	--	--	--	--	--
03/15/06	240	--	--	--	--	--	--	--

# FIGURES



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



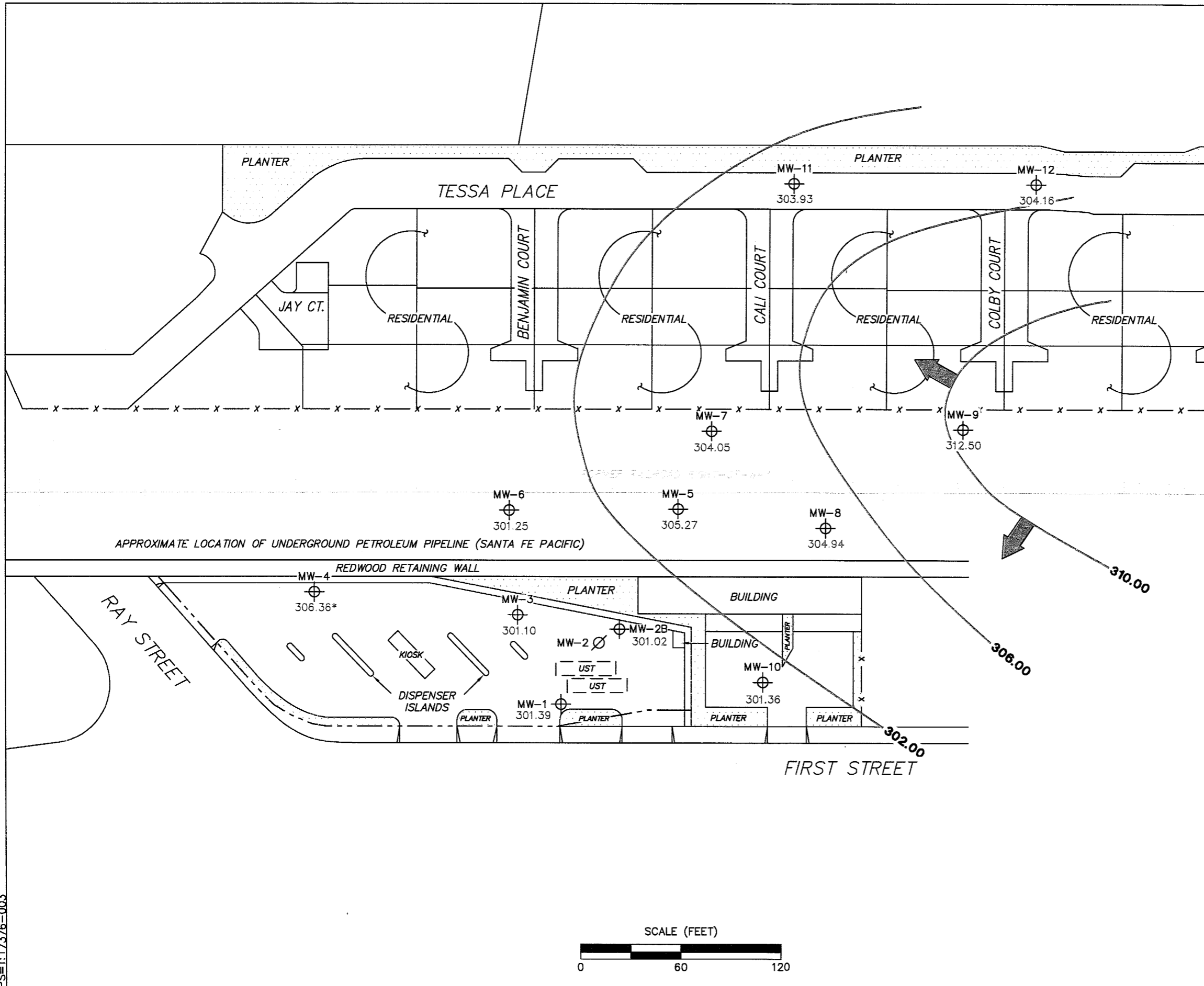
VICINITY MAP

76 Station 7376  
4191 First Street  
Pleasanton, California

**TRC**

**FIGURE 1**

PS = 1:1



**LEGEND**

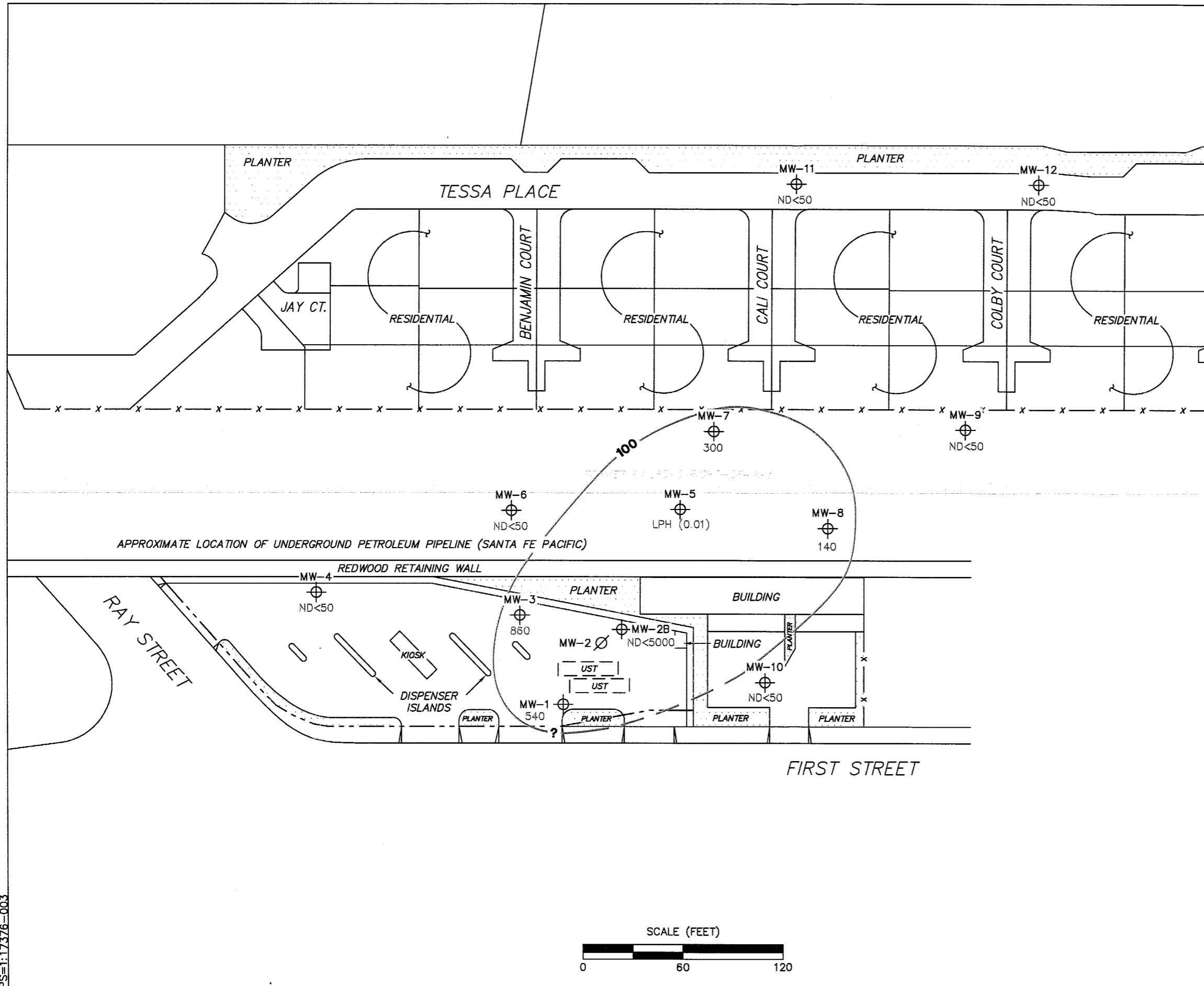
- MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-2 ∅ Abandoned well
- 310.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. \* = not included in groundwater contour interpretation.

**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 March 15, 2006**

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**



**LEGEND**

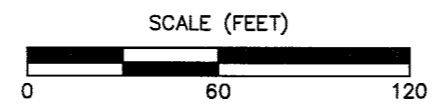
- MW-12 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l) or LPH Thickness (feet)
- MW-2 ∅ Abandoned well
- - - 100 - - - Dissolved-Phase TPPH Contour (µg/l)

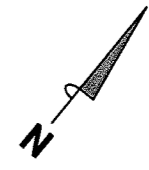
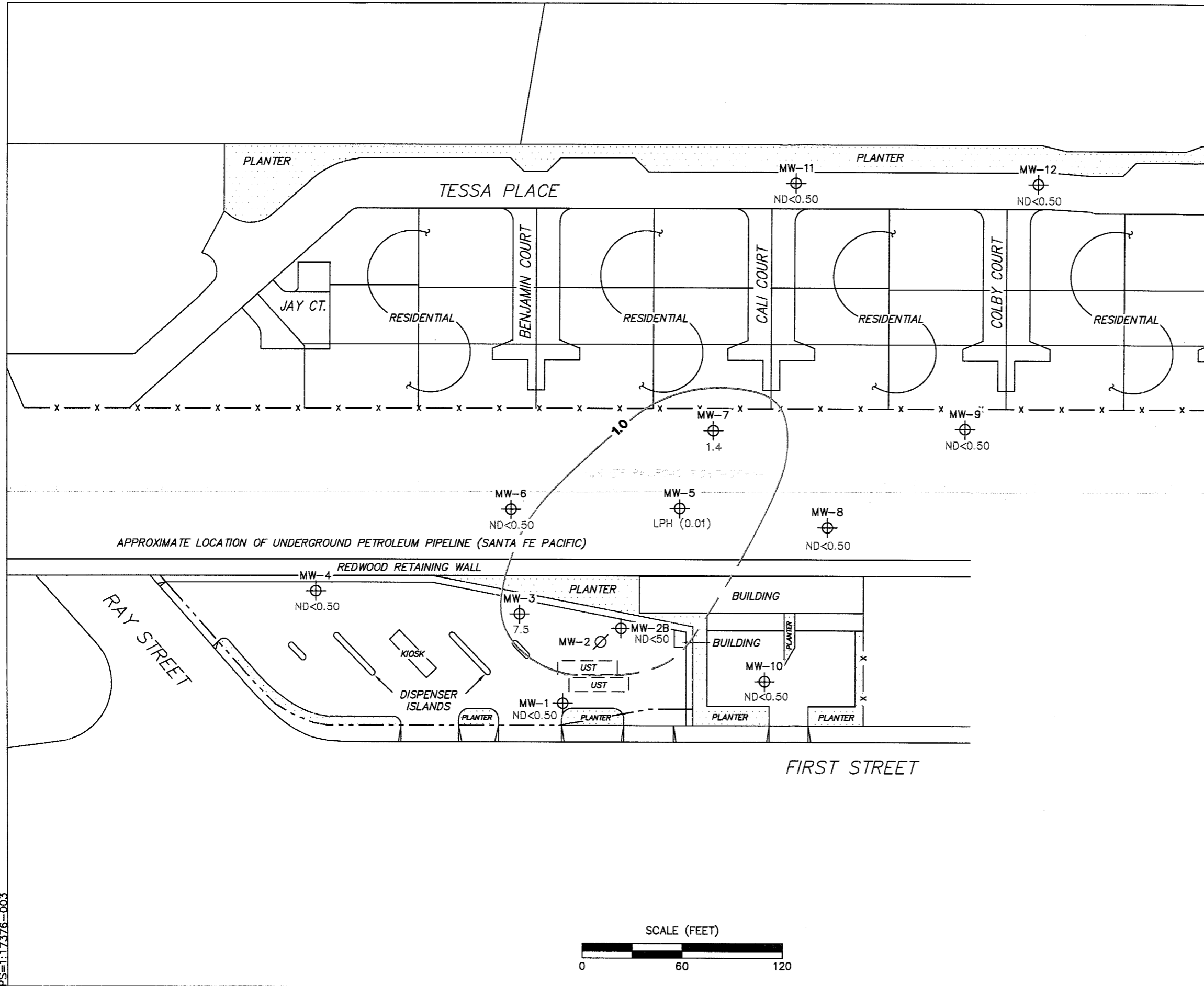
**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. LPH = liquid-phase hydrocarbons. Dashes indicate contour based on non-detect at elevated detection limit. Results obtained using EPA Method 8260B.

**DISSOLVED-PHASE TPPH  
CONCENTRATION MAP  
March 15, 2006**

76 Station 7376  
4191 First Street  
Pleasanton, California





**LEGEND**

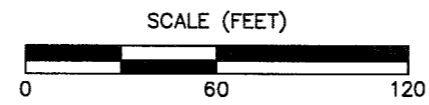
- MW-12 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l) or LPH Thickness (feet)
- MW-2 ∅ Abandoned well
- 1.0— Dissolved-Phase Benzene Contour (µg/l)

**NOTES:**

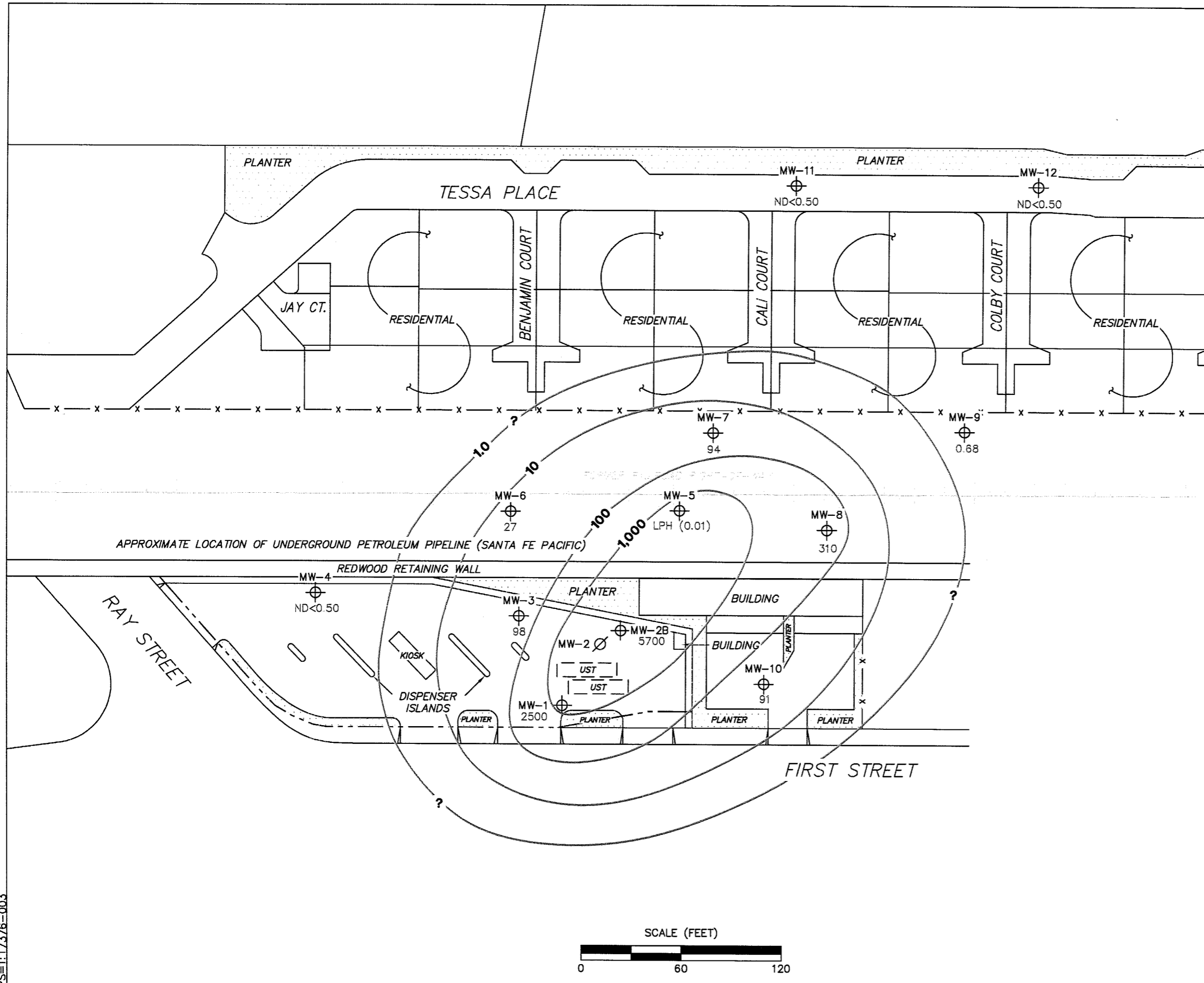
Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. LPH = liquid-phase hydrocarbons. Dashes indicate contour based on non-detect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

**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**  
**March 15, 2006**

76 Station 7376  
 4191 First Street  
 Pleasanton, California



**FIGURE 4**



**LEGEND**

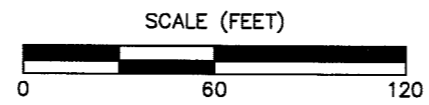
- MW-12 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ ) or LPH Thickness (feet)
- MW-2 ∅ Abandoned well
- 1,000 — Dissolved-Phase MTBE Contour ( $\mu\text{g/l}$ )

**NOTES:**

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

**DISSOLVED-PHASE MTBE  
CONCENTRATION MAP  
March 15, 2006**

76 Station 7376  
4191 First Street  
Pleasanton, California

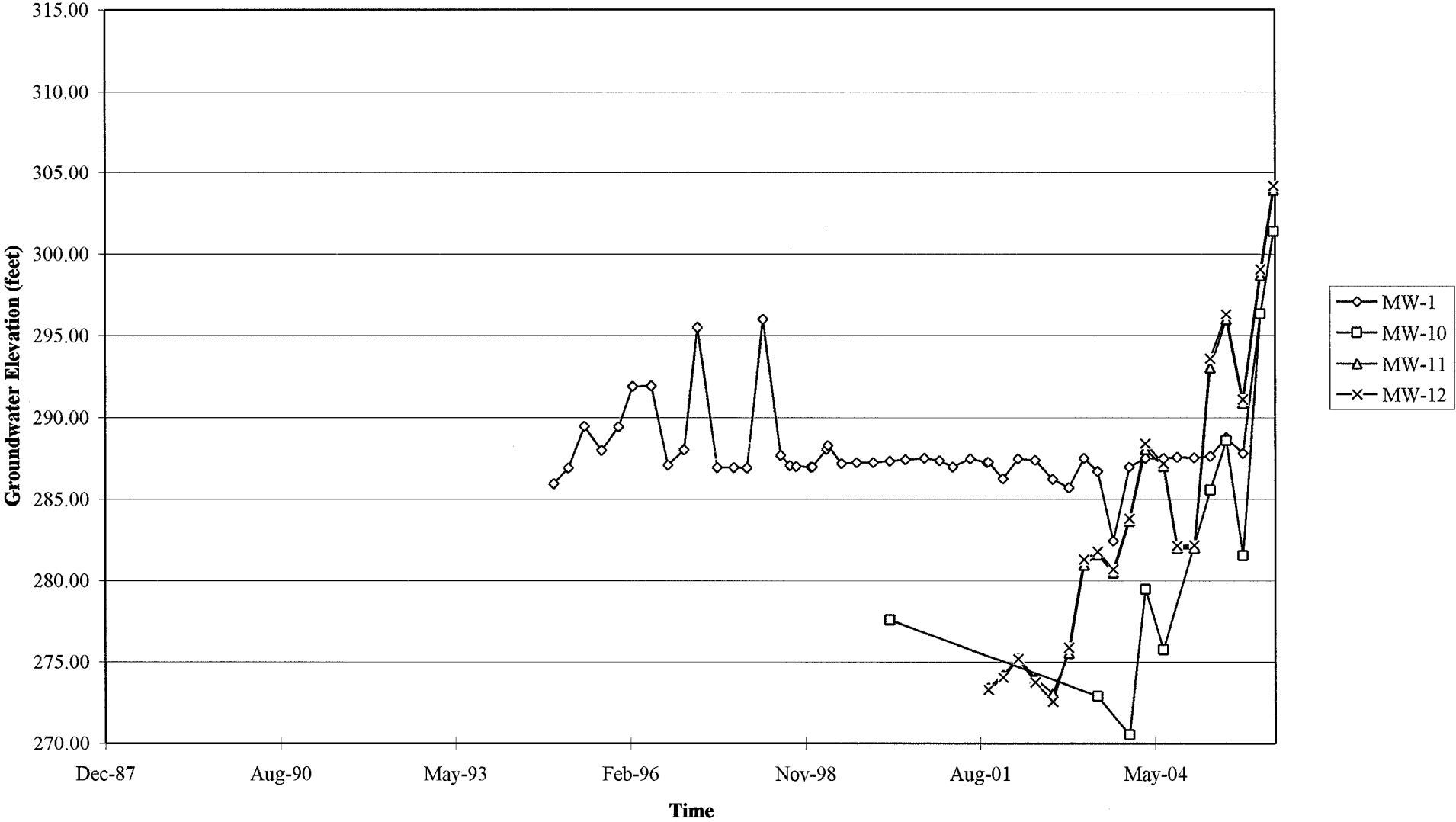


**FIGURE 5**

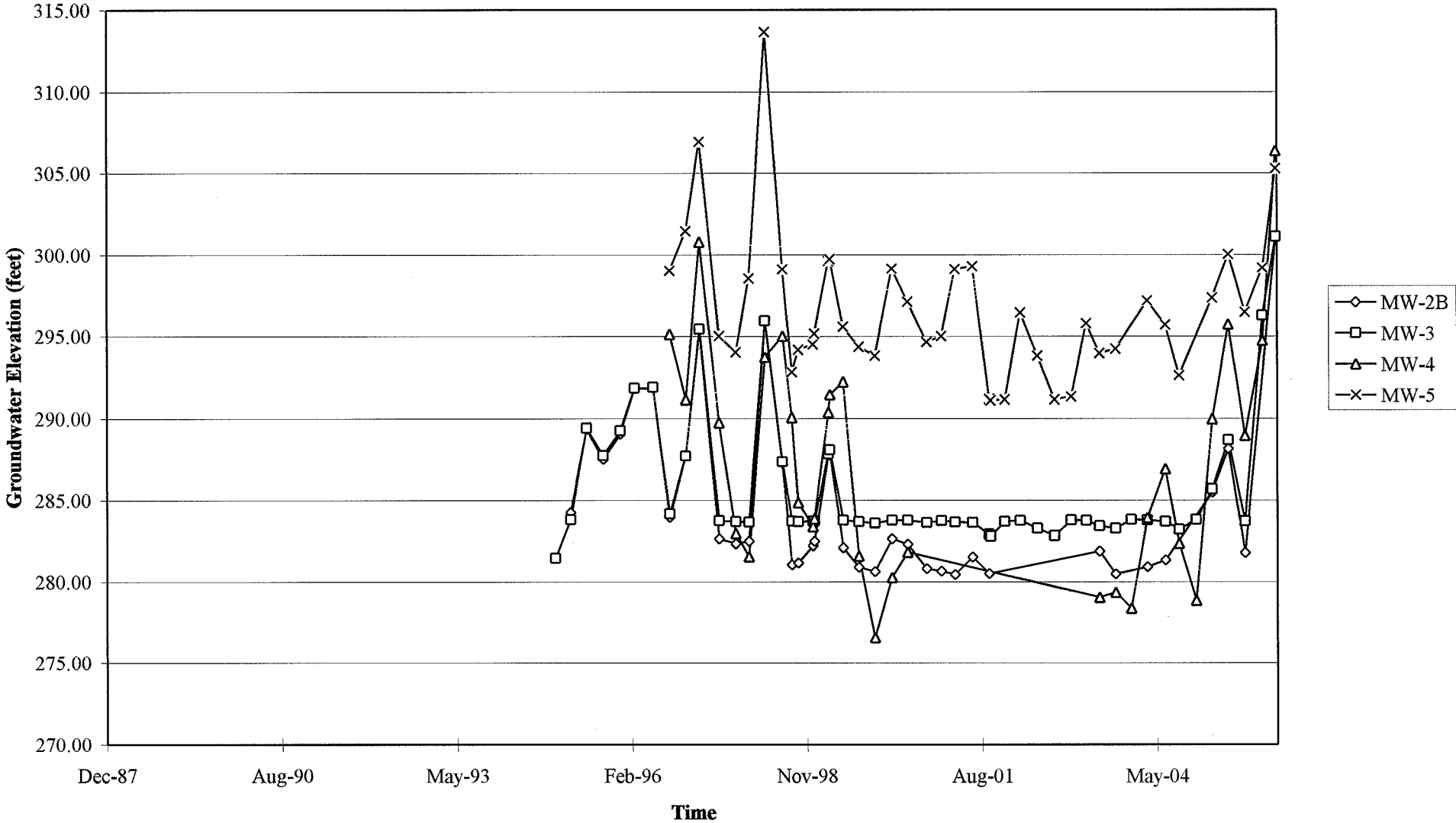


# GRAPHS

Groundwater Elevations vs. Time  
76 Station 7376

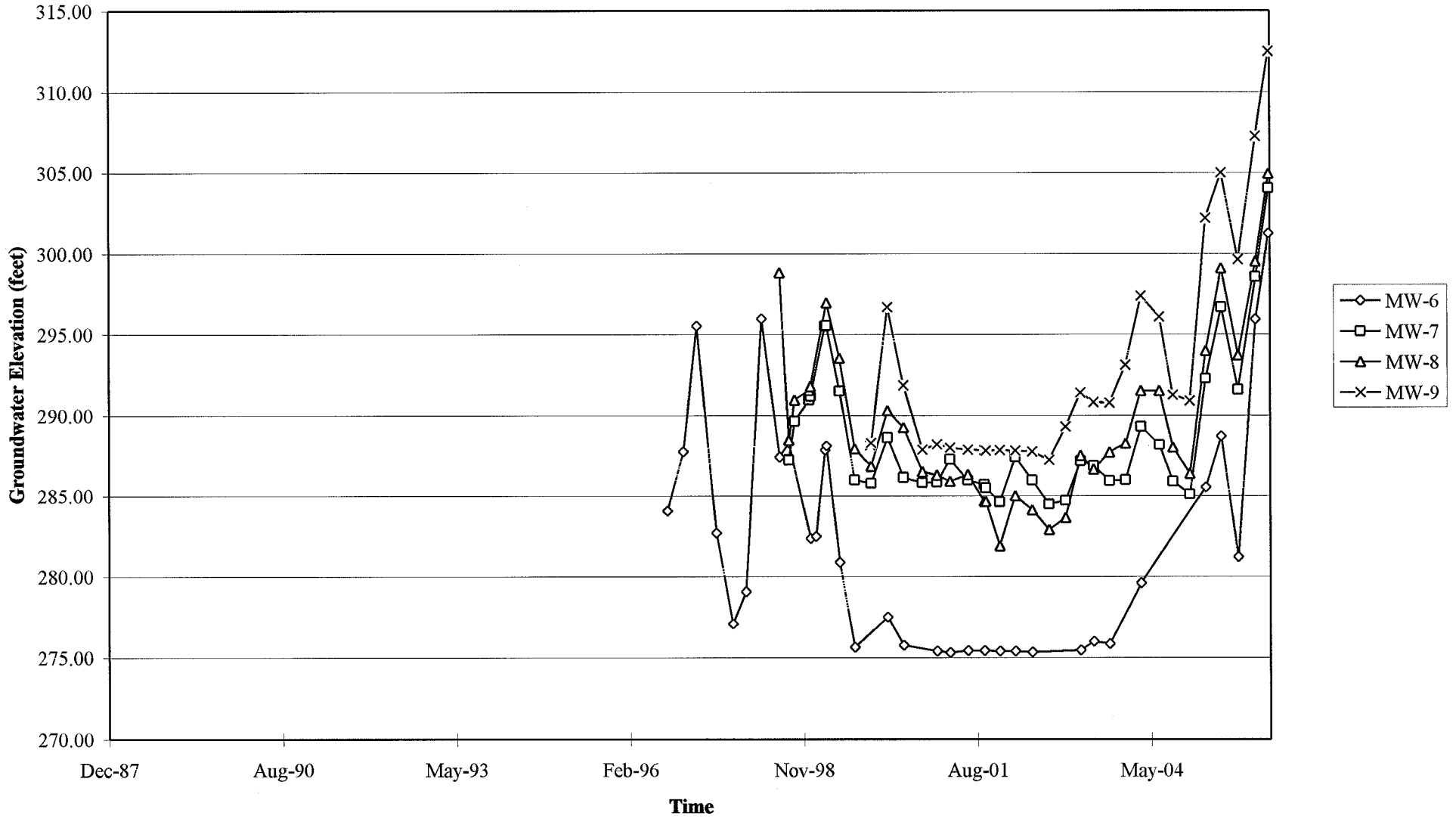


Groundwater Elevations vs. Time  
76 Station 7376



Elevations may have been corrected for apparent changes due to resurvey

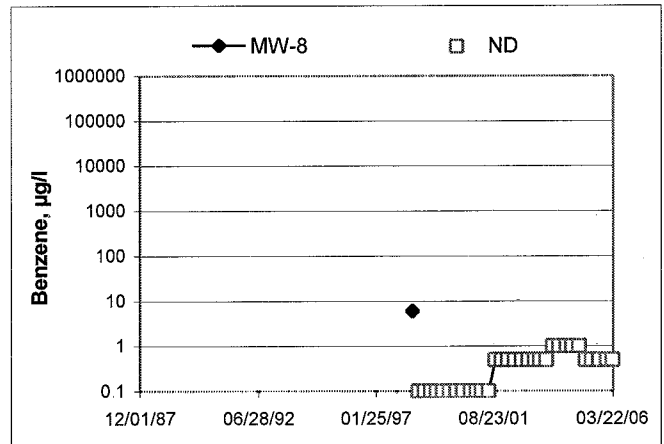
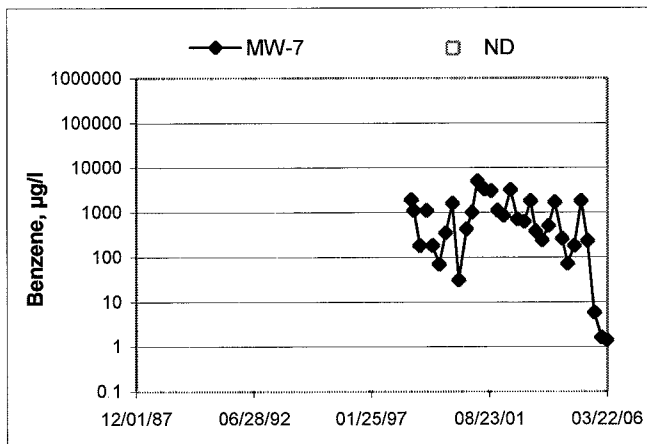
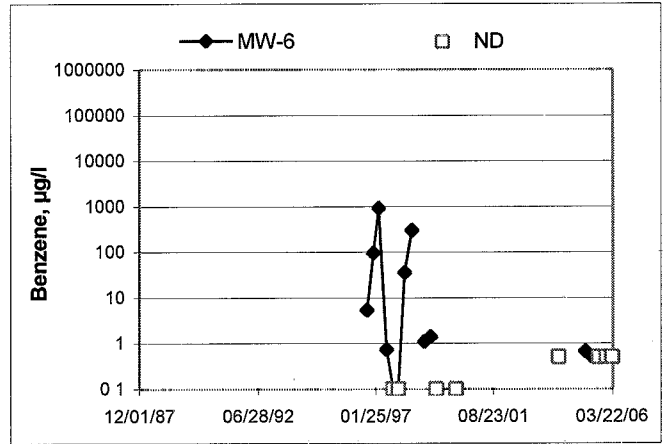
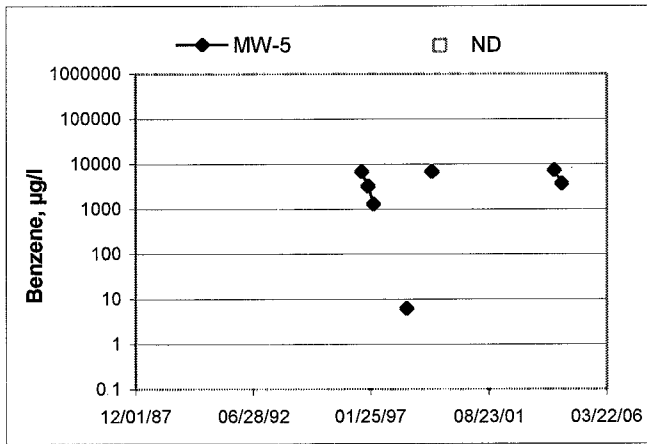
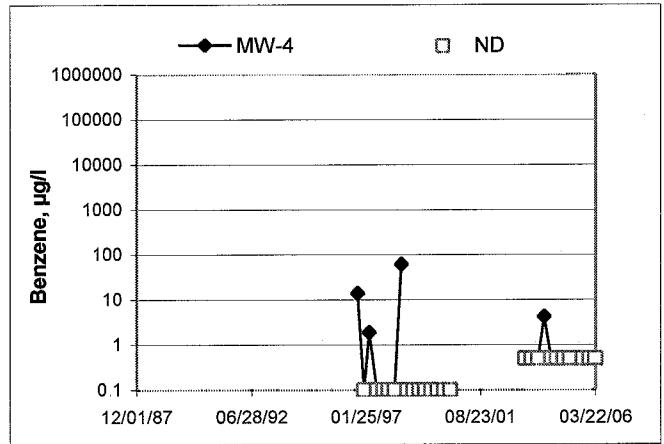
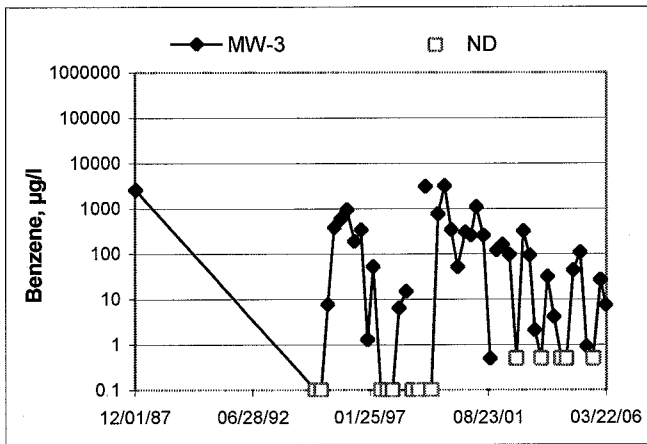
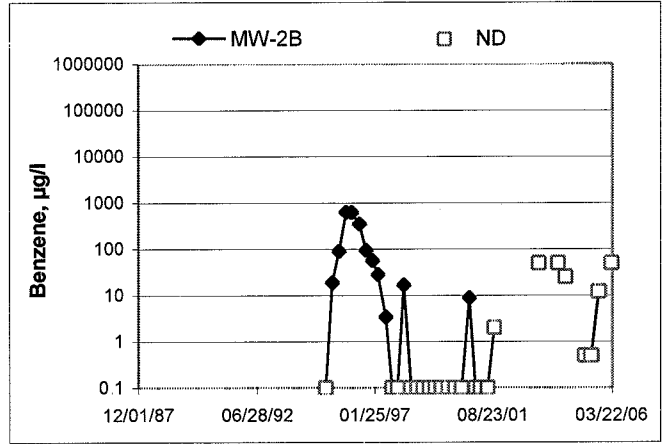
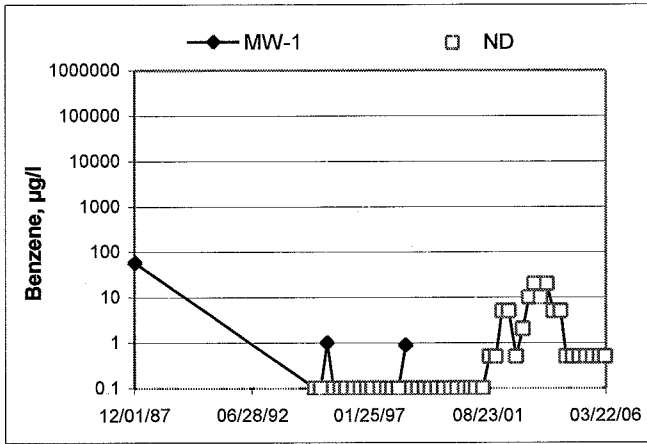
Groundwater Elevations vs. Time  
76 Station 7376



Elevations may have been corrected for apparent changes due to resurvey

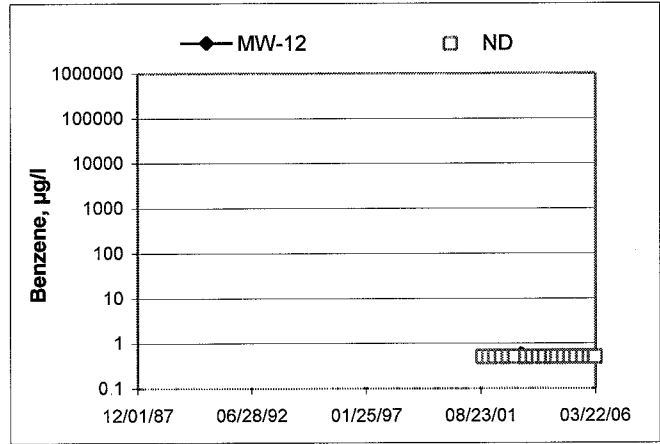
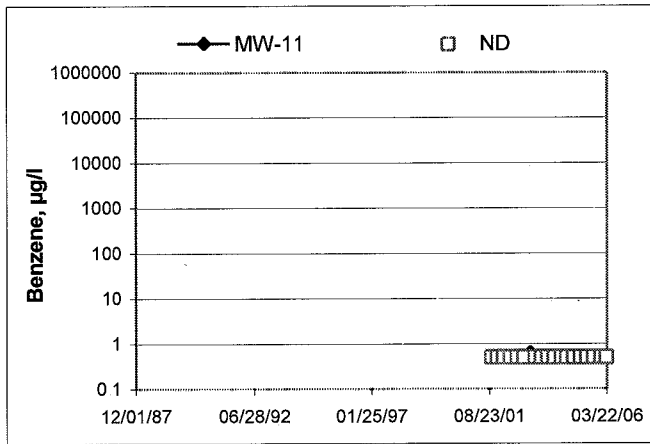
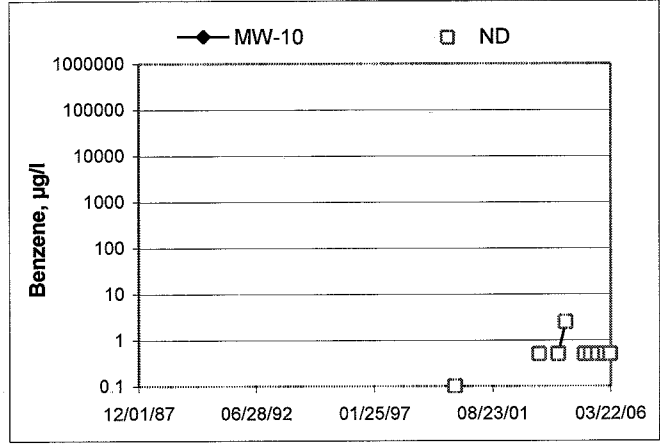
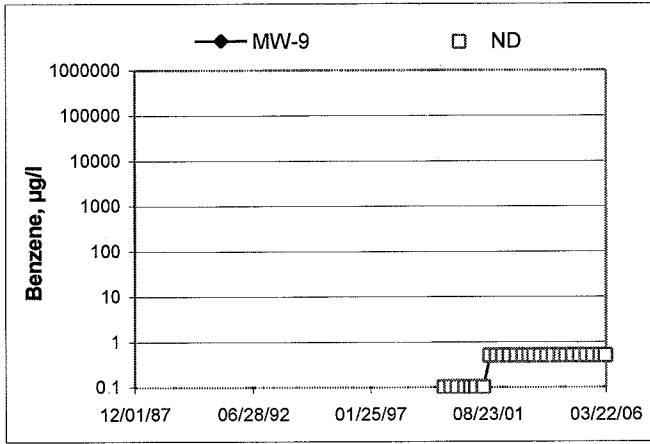
## Benzene Concentrations vs Time

76 Station 7376



# 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: Mike Kuback

Site: 7376

Project No.: 41050001

Date: 03-15-06

Well No.: MW-7

Purge Method: Sub

Depth to Water (feet): 51.92

Depth to Product (feet): —

Total Depth (feet): 76.66

LPH & Water Recovered (gallons): —

Water Column (feet): 24.74

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 56.87

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1037			4	1192	17.6	6.65		
			8	1213	17.8	6.59		
	1047		12	1215	17.9	6.57		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
52.03			12			1138		
Comments: _____								

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

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

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

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

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

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

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

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

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

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments: _____								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: Mike Kobzoff

Site: 7376

Project No.: 41050001

Date: 03-15-06

Well No.: MW-9  
 Depth to Water (feet): 50.12  
 Total Depth (feet): 74.40  
 Water Column (feet): 24.28  
 80% Recharge Depth (feet): 54.98

Purge Method: ~~Sub~~ HB  
 Depth to Product (feet): —  
 LPH & Water Recovered (gallons): —  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0755			4	785	17.3	6.70		
			8	715	17.2	6.68		
	0826		12	759	17.3	6.69		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
50.12			12			1119		
Comments:								

Well No.: MW-12  
 Depth to Water (feet): 49.92  
 Total Depth (feet): 89.36  
 Water Column (feet): 39.44  
 80% Recharge Depth (feet): 57.61

Purge Method: Sub  
 Depth to Product (feet): —  
 LPH & Water Recovered (gallons): —  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0846			6	696	16.8	7.21		
			12	689	17.8	6.74		
	0858		18	694	18.1	6.75		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
50.06			18			0902		
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: Mike Kobroff

Site: 7376

Project No.: 41050001

Date: 03-15-06

Well No.: mw-11  
 Depth to Water (feet): 50.73  
 Total Depth (feet): 85.66  
 Water Column (feet): 34.93  
 80% Recharge Depth (feet): 57.72

Purge Method: Sub  
 Depth to Product (feet): —  
 LPH & Water Recovered (gallons): —  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0919			6	668	17.9	6.81		
			12	672	18.2	6.79		
	0933		18	680	18.2	6.77		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
50.97		18			0938			
Comments:								

Well No.: mw-6  
 Depth to Water (feet): 61.88  
 Total Depth (feet): 88.22  
 Water Column (feet): 26.34  
 80% Recharge Depth (feet): 67.15

Purge Method: Sub  
 Depth to Product (feet): —  
 LPH & Water Recovered (gallons): —  
 Casing Diameter (Inches): 2"  
 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0958			4	843	17.1	6.65		
			8	836	17.4	6.60		
	1008		12	828	17.3	6.60		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
61.90		12			1013			
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: NAE  
 Site: 7376 Project No.: 41052001 Date: 03/15/06  
 Well No.: MW-4 Purge Method: Sub  
 Depth to Water (feet): 62.45 Depth to Product (feet): —  
 Total Depth (feet): 92.79 LPH & Water Recovered (gallons): —  
 Water Column (feet): 30.34 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 68.52 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0823			5	640	20.5	6.58		
			10	635	22.1	7.15		
	0832		15	667	22.2	7.30		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
65.55			15		1102			
Comments:								

Well No.: MW-10 Purge Method: Sub  
 Depth to Water (feet): 61.26 Depth to Product (feet): —  
 Total Depth (feet): 90.75 LPH & Water Recovered (gallons): —  
 Water Column (feet): 29.49 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 67.16 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0842			5	530	21.2	6.75		
			10	727	22.4	7.56		
	0852		15	740	22.5	6.48		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
61.38			15		1045			
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: NATE  
 Site: 7376 Project No.: 41050001 Date: 03/15/06  
 Well No.: MW-8 Purge Method: Sub  
 Depth to Water (feet): 56.89 Depth to Product (feet): —  
 Total Depth (feet): 85.19 LPH & Water Recovered (gallons): —  
 Water Column (feet): 28.30 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 62.55 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	Turbidity	D.O.
0908			5	876	20.0	5.21		
			10	871	20.3	5.23		
	0914		15	893	20.4	6.35		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
57.62		15			1210			
Comments:								

Well No.: MW-1 Purge Method: Sub  
 Depth to Water (feet): 65.59 Depth to Product (feet): —  
 Total Depth (feet): 86.79 LPH & Water Recovered (gallons): —  
 Water Column (feet): 21.20 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 69.83 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	Turbidity	D.O.
0929			3	836	20.4	5.65		
			6	813	21.0	5.82		
	0933		9	815	21.1	6.12		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
65.65		9			1154			
Comments:								

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: NOTE  
 Site: 7376 Project No.: 41050001 Date: 03/15/06

Well No.: MW-3 Purge Method: Sub  
 Depth to Water (feet): 65.91 Depth to Product (feet): —  
 Total Depth (feet): 94.04 LPH & Water Recovered (gallons): —  
 Water Column (feet): 28.13 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 71.54 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. @)	pH	Turbidity	D.O.
0944			5	831	21.0	5.56		
			10	841	22.0	6.19		
	0953		15	850	22.1	6.46		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
65.82		15			1125			

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

Well No.: MW-2B Purge Method: Sub  
 Depth to Water (feet): 64.03 Depth to Product (feet): —  
 Total Depth (feet): 85.33 LPH & Water Recovered (gallons): —  
 Water Column (feet): 21.30 Casing Diameter (Inches): 2"  
 80% Recharge Depth (feet): 68.29 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. @)	pH	Turbidity	D.O.
1003			3	852	19.9	6.06		
			6	1089	21.1	6.20		
	1008		9	1099	22.0	6.39		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
64.11		9			1018			

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

# MANUAL PUMP/BAIL OUT SHEET

Site #: 7376 Project #: 41050001 Date: 03-15-06

Technician: Mike Kubicki Page #: 1 of 1

### Monitoring Data Before Pump/Bail Out

Well Number MW-5  
 Depth to Product 57.94  
 Depth to Water 57.95  
 Total Depth of Well 7246  
 Feet of Total Fluid in Well 14.52  
 Thickness of Product (ft.) 0.01  
 Well Diameter (in.) 2"  
 One Well Volume (gal.) 2

### Pump/Bail One Well Volume

Water Recovered (gal.) 1.99  
 Product Recovered (gal.) 0.01  
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: dark brown

### 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  \_\_\_\_\_





**Laboratories, Inc**

Date of Report: 03/29/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive  
Irvine, CA 92618-2302

RE: 7376

BC Lab Number: 0602534

Enclosed are the results of analyses for samples received by the laboratory on 03/15/06 22:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker", written over a horizontal line.

Contact Person: Vanessa Hooker  
Client Service Rep

A handwritten signature in black ink, consisting of several loops and strokes, written over a horizontal line.

Authorized Signature



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

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

Reported: 03/29/06 12:59

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0602534-01	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 11:02 <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:
0602534-02	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 10:45 <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:
0602534-03	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 12:10 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
0602534-04	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 11:54 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
0602534-05	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 11:25 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:



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

Reported: 03/29/06 12:59

### Laboratory / Client Sample Cross Reference

**Laboratory    Client Sample Information**

<b>0602534-06</b>	<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> Nate of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 10:18 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
<b>0602534-07</b>	<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> Mike K. of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 11:19 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
<b>0602534-08</b>	<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> Mike K. of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 09:02 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
<b>0602534-09</b>	<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> Mike K. of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 09:38 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:
<b>0602534-10</b>	<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> Mike K. of TRCI	<b>Receive Date:</b> 03/15/06 22:45 <b>Sampling Date:</b> 03/15/06 10:13 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: Matrix: W Sample QC Type (SACode): CS Cooler ID:



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

**Reported:** 03/29/06 12:59

### Laboratory / Client Sample Cross Reference

**Laboratory    Client Sample Information**

**0602534-11**    **COC Number:**        ---  
**Project Number:**    7376  
**Sampling Location:**    MW-7  
**Sampling Point:**        MW-7  
**Sampled By:**            Mike K. of TRCI

**Receive Date:**    03/15/06 22:45  
**Sampling Date:**    03/15/06 11:38  
**Sample Depth:**     ---  
**Sample Matrix:**    Water

**Delivery Work Order:**  
**Global ID:**  
**Matrix:** W  
**Sample QC Type (SACode):** CS  
**Cooler ID:**



TRC Alton Geoscience  
21 Technology Drive  
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Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 03/29/06 12:59

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-01		Client Sample Name: 7376, MW-4, MW-4, 3/15/2006 11:02:00AM, Nate											
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	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:36	SDU	MS-V12	1	BPC0789		



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

Reported: 03/29/06 12:59

### Total Petroleum Hydrocarbons

BCL Sample ID: 0602534-01		Client Sample Name: 7376, MW-4, MW-4, 3/15/2006 11:02:00AM, Nate											
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)	ND	ug/L	200		Luf/TPHd	03/22/06	03/27/06 19:32	VTR	GC-2	0.99	BPC1194	ND	
Tetracosane (Surrogate)	64.2	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/22/06	03/27/06 19:32	VTR	GC-2	0.99	BPC1194		V11



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

Reported: 03/29/06 12:59

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-02		Client Sample Name: 7376, MW-10, MW-10, 3/15/2006 10:45:00AM, Nate											
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	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	91	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 16:58	SDU	MS-V12	1	BPC0789		



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21 Technology Drive  
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Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 03/29/06 12:59

### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-02		<b>Client Sample Name:</b> 7376, MW-10, MW-10, 3/15/2006 10:45:00AM, Nate												
Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab Quals	
						Date	Date/Time				Batch ID	Bias		
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luf/TPHd	03/22/06	03/27/06 19:56	VTR	GC-2	1	BPC1194	ND	A52	
Tetracosane (Surrogate)	74.1	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/22/06	03/27/06 19:56	VTR	GC-2	1	BPC1194		V11	





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

Reported: 03/29/06 12:59

### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0602534-03 | **Client Sample Name:** 7376, MW-8, MW-8, 3/15/2006 12:10:00PM, Nate

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	310	ug/L	5.0		EPA-8260	03/16/06	03/17/06 10:45	SDU	MS-V12	10	BPC0789	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	140	ug/L	50		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	96.0	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:45	SDU	MS-V12	10	BPC0789		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:45	SDU	MS-V12	10	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:45	SDU	MS-V12	10	BPC0789		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:21	SDU	MS-V12	1	BPC0789		



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21 Technology Drive  
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Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 03/29/06 12:59

### Total Petroleum Hydrocarbons

BCL Sample ID: 0602534-03		Client Sample Name: 7376, MW-8, MW-8, 3/15/2006 12:10:00PM, Nate												
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)	ND	ug/L	200		Luf/TPHd	03/22/06	03/27/06 20:20	VTR	GC-2	1	BPC1194	ND	A52	
Tetracosane (Surrogate)	64.6	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/22/06	03/27/06 20:20	VTR	GC-2	1	BPC1194		V11	



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21 Technology Drive  
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Project: 7376  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 03/29/06 12:59

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-04		Client Sample Name: 7376, MW-1, MW-1, 3/15/2006 11:54:00AM, Nate											
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	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	2500	ug/L	25		EPA-8260	03/16/06	03/17/06 10:22	SDU	MS-V12	50	BPC0789	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	540	ug/L	50		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789		
1,2-Dichloroethane-d4 (Surrogate)	98.9	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:22	SDU	MS-V12	50	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:22	SDU	MS-V12	50	BPC0789		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 10:22	SDU	MS-V12	50	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.7	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 17:43	SDU	MS-V12	1	BPC0789		



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

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

Reported: 03/29/06 12:59

### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-04		<b>Client Sample Name:</b> 7376, MW-1, MW-1, 3/15/2006 11:54:00AM, Nate												
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)	ND	ug/L	200		Luf/TPHd	03/22/06	03/27/06 20:44	VTR	GC-2	1	BPC1194	ND	A52	
Tetracosane (Surrogate)	64.0	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/22/06	03/27/06 20:44	VTR	GC-2	1	BPC1194		V11	



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

Reported: 03/29/06 12:59

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-05		Client Sample Name: 7376, MW-3, MW-3, 3/15/2006 11:25:00AM, Nate											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	7.5	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	3.3	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	98	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	860	ug/L	50		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:05	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-05		<b>Client Sample Name:</b> 7376, MW-3, MW-3, 3/15/2006 11:25:00AM, Nate												
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)	520	ug/L	200		Luf/TPHd	03/22/06	03/27/06 21:07	VTR	GC-2	0.99	BPC1194	ND	A52	
Tetracosane (Surrogate)	65.7	%	42 - 125 (LCL - UCL)		Luf/TPHd	03/22/06	03/27/06 21:07	VTR	GC-2	0.99	BPC1194		V11	



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### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-06		Client Sample Name: 7376, MW-2B, MW-2B, 3/15/2006 10:18:00AM, Nate											
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	50		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01
Ethylbenzene	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01
Methyl t-butyl ether	5700	ug/L	50		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01
Toluene	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01
Total Xylenes	ND	ug/L	100		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	5000		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789	ND	A01, A53
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 15:28	SDU	MS-V12	100	BPC0789		



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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-06		<b>Client Sample Name:</b> 7376, MW-2B, MW-2B, 3/15/2006 10:18:00AM, Nate											
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)	7200	ug/L	2000		Luft/TPHd	03/22/06	03/28/06 18:53	VTR	GC-2	10.00	BPC1194	ND	A01, A52
Tetracosane (Surrogate)		%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/28/06 18:53	VTR	GC-2	10.00	BPC1194		A18, V11





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### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0602534-07 | **Client Sample Name:** 7376, MW-9, MW-9, 3/15/2006 11:19:00AM, Mike K.

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	0.68	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.2	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:28	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-07		<b>Client Sample Name:</b> 7376, MW-9, MW-9, 3/15/2006 11:19:00AM, Mike K.												
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)	ND	ug/L	200		Luft/TPHd	03/22/06	03/27/06 23:06	VTR	GC-2	1	BPC1194	ND	A52	
Tetracosane (Surrogate)	68.7	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/27/06 23:06	VTR	GC-2	1	BPC1194		V11	



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### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0602534-08    **Client Sample Name:** 7376, MW-12, MW-12, 3/15/2006 9:02:00AM, Mike K.

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 18:51	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

**BCL Sample ID:** 0602534-08 **Client Sample Name:** 7376, MW-12, MW-12, 3/15/2006 9:02:00AM, Mike K.

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)	240	ug/L	200		Luft/TPHd	03/22/06	03/27/06 23:30	VTR	GC-2	1	BPC1194	ND	A52
Tetracosane (Surrogate)	42.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/27/06 23:30	VTR	GC-2	1	BPC1194		V11



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### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-09		Client Sample Name: 7376, MW-11, MW-11, 3/15/2006 9:38:00AM, Mike K.											
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	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:13	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-09		<b>Client Sample Name:</b> 7376, MW-11, MW-11, 3/15/2006 9:38:00AM, Mike K.											
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)	ND	ug/L	200		Luft/TPHd	03/22/06	03/27/06 23:54	VTR	GC-2	1	BPC1194	ND	A52
Tetracosane (Surrogate)	67.8	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/27/06 23:54	VTR	GC-2	1	BPC1194		V11



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### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602534-10		Client Sample Name: 7376, MW-6, MW-6, 3/15/2006 10:13:00AM, Mike K.											
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	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	27	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	99.8	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/16/06 19:36	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

**BCL Sample ID:** 0602534-10 | **Client Sample Name:** 7376, MW-6, MWV-6, 3/15/2006 10:13:00AM, Mike K.

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)	ND	ug/L	200		Luft/TPHd	03/22/06	03/28/06 00:18	VTR	GC-2	0.99	BPC1194	ND	A52
Tetracosane (Surrogate)	72.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/28/06 00:18	VTR	GC-2	0.99	BPC1194		V11





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### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0602534-11 | **Client Sample Name:** 7376, MW-7, MW-7, 3/15/2006 11:38:00AM, Mike K.

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.4	ug/L	0.50		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
Methyl t-butyl ether	94	ug/L	0.50		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
Toluene	0.86	ug/L	0.50		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
Total Purgeable Petroleum Hydrocarbons	300	ug/L	50		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	03/16/06	03/17/06 11:30	SDU	MS-V12	1	BPC0789		



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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0602534-11		<b>Client Sample Name:</b> 7376, MW-7, MW-7, 3/15/2006 11:38:00AM, Mike K.											
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)	ND	ug/L	200		Luft/TPHd	03/22/06	03/28/06 00:41	VTR	GC-2	0.99	BPC1194	ND	A52
Tetracosane (Surrogate)	56.1	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/22/06	03/28/06 00:41	VTR	GC-2	0.99	BPC1194		V11



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## Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BPC0789	BPC0789-MS1	Matrix Spike	ND	25.730	25.000	ug/L		103		70 - 130
		BPC0789-MSD1	Matrix Spike Duplicate	ND	24.750	25.000	ug/L	3.96	99.0	20	70 - 130
Toluene	BPC0789	BPC0789-MS1	Matrix Spike	ND	26.150	25.000	ug/L		105		70 - 130
		BPC0789-MSD1	Matrix Spike Duplicate	ND	25.050	25.000	ug/L	4.88	100	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPC0789	BPC0789-MS1	Matrix Spike	ND	9.9300	10.000	ug/L		99.3		76 - 114
		BPC0789-MSD1	Matrix Spike Duplicate	ND	9.9600	10.000	ug/L		99.6		76 - 114
Toluene-d8 (Surrogate)	BPC0789	BPC0789-MS1	Matrix Spike	ND	10.060	10.000	ug/L		101		88 - 110
		BPC0789-MSD1	Matrix Spike Duplicate	ND	10.020	10.000	ug/L		100		88 - 110
4-Bromofluorobenzene (Surrogate)	BPC0789	BPC0789-MS1	Matrix Spike	ND	10.240	10.000	ug/L		102		86 - 115
		BPC0789-MSD1	Matrix Spike Duplicate	ND	10.030	10.000	ug/L		100		86 - 115



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

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BPC1194	BPC1194-MS1	Matrix Spike	ND	360.85	500.00	ug/L		72.2		41 - 139
		BPC1194-MSD1	Matrix Spike Duplicate	ND	388.83	500.00	ug/L	7.47	77.8	30	41 - 139
Tetracosane (Surrogate)	BPC1194	BPC1194-MS1	Matrix Spike	ND	12.255	20.000	ug/L		61.3		42 - 125 V11
		BPC1194-MSD1	Matrix Spike Duplicate	ND	10.482	20.000	ug/L		52.4		42 - 125 V11



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

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

Reported: 03/29/06 12:59

### 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	BPC0789	BPC0789-BS1	LCS	24.470	25.000	0.50	ug/L	97.9		70 - 130		
Toluene	BPC0789	BPC0789-BS1	LCS	24.950	25.000	0.50	ug/L	99.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPC0789	BPC0789-BS1	LCS	10.030	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BPC0789	BPC0789-BS1	LCS	9.9700	10.000		ug/L	99.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPC0789	BPC0789-BS1	LCS	10.110	10.000		ug/L	101		86 - 115		



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

Reported: 03/29/06 12:59

## 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)	BPC1194	BPC1194-BS1	LCS	442.98	500.00	200	ug/L	88.6		62 - 101		
Tetracosane (Surrogate)	BPC1194	BPC1194-BS1	LCS	12.607	20.000		ug/L	63.0		42 - 125		V11



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

Reported: 03/29/06 12:59

## 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	BPC0789	BPC0789-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BPC0789	BPC0789-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BPC0789	BPC0789-BLK1	ND	ug/L	0.50	0.12	
Toluene	BPC0789	BPC0789-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPC0789	BPC0789-BLK1	ND	ug/L	1.0	0.37	
Total Purgeable Petroleum Hydrocarbons	BPC0789	BPC0789-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPC0789	BPC0789-BLK1	98.1	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPC0789	BPC0789-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPC0789	BPC0789-BLK1	99.6	%	86 - 115 (LCL - UCL)		



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

Reported: 03/29/06 12:59

## 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)	BPC1194	BPC1194-BLK1	ND	ug/L	200	66	
Tetracosane (Surrogate)	BPC1194	BPC1194-BLK1	65.0	%	42 - 125 (LCL - UCL)		V11





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**Reported:** 03/29/06 12:59

**Notes and Definitions**

- V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.
- J Estimated value
- A53 Chromatogram not typical of gasoline.
- A52 Chromatogram not typical of diesel.
- A18 Surrogate not reportable due to matrix interference.
- A01 PQL's and MDL's are raised due to sample dilution.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Submission #: 06-02534

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: RLW  
Temperature: 1.8 °C  
Thermometer ID: 48

Emissivity: 1.0  
Container: VOA

Date/Time: 3/15/06  
Analyst Init: JRM

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										
1oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT IOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
10ml VOA VIAL TRAVEL BLANK										
10ml VOA VIAL	A.3	A.3	A.3	A.3	A.3	A.3				
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
10 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
00ml EPA 547										
00ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B.1	B.1	B.1	B.1	B.1	B.1				
1 OZ. JAR										
2 OZ. JAR										
1 OIL SLEEVE										
1 CB VIAL										
1 PLASTIC BAG										
1 FERROUS IRON										
1 INCORE										

CHK BY: SLOB DISTRIBUTION: SRS/SLM SUB-OUT

Comments: Sample Numbering Completed By: CDR Date/Time: 3/16 0839

Submission #: 06-02534

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: BLV  
Temperature: 2.1 °C  
Thermometer ID: 48

Emissivity: 1.0  
Container: QTA

Date/Time: 3/15/06

Analyst Init: AKW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	7	8	9	10	11	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										
10ml VOA VIAL TRAVEL BLANK										
10ml VOA VIAL	A.3	A.3	A.3	A.3	A.3					
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
10 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					
1 OZ. JAR										
2 OZ. JAR										
OIL SLEEVE										
1 CB VIAL										
1 PLASTIC BAG										
1 FERROUS IRON										
1 NCORE										

Comments:

Sample Numbering Completed By:

AKW

Date/Time:

3/16 0839



**BC LABORATORIES, INC.**

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

**CHAIN OF CUSTODY**

**06-02534** **Analysis Requested**

Circle one: <u>Phillips 66</u> / Unocal		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 8260 full list w/ MTBE & oxygenates BTEX/MTBE/OXYS BY 8260B ETHANOL by 8260B TPPH by 8260B BTEX/MTBE 8260B	Turnaround Time Requested <i>3 weeks 2 samples</i>
Address: 4191 First St.		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan				
City: Pleasanton		4-digit site#: 7376				
State: CA Zip:		Workorder # 1652-TRC502				
Phillips 66 /Unocal Mgr: Shelby Hathrop		Project #: 41050001				
		Sampler Name: Michael D Kobuff				

Lab#	Sample Description	Field Point Name	Date & Time Sampled									
-7	mw-9		03-15-06 1119	Gw			X			X	X	ES
-8	mw-12		↓ 0902	↓			↓			↓	↓	↓
-9	mw-11		↓ 0938	↓			↓			↓	↓	↓
-10	mw-6		↓ 1013	↓			↓			↓	↓	↓
-11	mw-7		↓ 1138	↓			↓			↓	↓	↓

Comments:  GLOBAL ID: T0600100101	Relinquished by: (Signature) 	Received by: 	Date & Time 03-15-06 1430
	Relinquished by: (Signature) Ross Dickey 3/15/06	Received by: 	Date & Time 03-15-06 1925
	Relinquished by: (Signature) Ross Dickey 3/15/06	Received by: 	Date & Time 3/15/06 2245

(A) = ANALYSIS (C) = CONTAINER

(P) = PRESERVATIVE

## **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 Onyx Transportation, Inc., 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 containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

### **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.