



21 Technology Drive  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

www.TRCSolutions.com

**RECEIVED**

11:16 am, Apr 30, 2009

Alameda County  
Environmental Health

DATE: October 16, 2007

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 5043  
449 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
JULY THROUGH SEPTEMBER 2007

Dear Mr. Borgh:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5043, located at 449 Hegenberger Road, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan  
Groundwater Program Operations Manager

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

Enclosures  
20-0400/5043R016.QMS

**QUARTERLY MONITORING REPORT  
JULY THROUGH SEPTEMBER 2007**

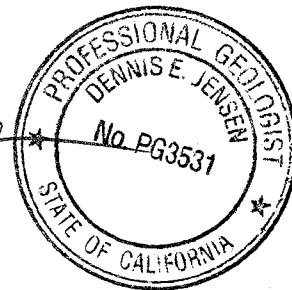
76 STATION 5043  
449 Hegenberger Road  
Oakland, California

Prepared For:

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

By:

*Dennis E. Jensen*



---

Senior Project Geologist, Irvine Operations

Date: 10/16/07



## LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Contour Map Figure 4: Dissolved-Phase Benzene Contour Map Figure 5: Dissolved-Phase MTBE Contour Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 9/25/07 Groundwater Sampling Field Notes – 9/25/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**July 2007 through September 2007**  
**76 Station 5043**  
**449 Hegenberger Road**  
**Oakland, CA**

---

Project Coordinator: **Bill Borgh**  
Telephone: **916-558-7612**

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

Date(s) of Gauging/Sampling Event: **9/25/07**

---

**Sample Points**

Groundwater wells: **3** onsite, **3** offsite      Wells gauged: **6**      Wells sampled: **6**  
Purging method: **Submersible pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

---

**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**  
LPH removal frequency: **n/a**      Method: **n/a**  
Treatment or disposal of water/LPH: **n/a**

---

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **1.57 feet**      Maximum: **4.65 feet**  
Average groundwater elevation (relative to available local datum): **5.28 feet**  
Average change in groundwater elevation since previous event: **0.00 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.01 ft/ft, south**  
    Previous event: **0.01 ft/ft, south (6/28/07)**

---

**Selected Laboratory Results**

Wells with detected **Benzene**: **1**      Wells above MCL (1.0 µg/l): **1**  
    Maximum reported benzene concentration: **2,900 µg/l (MW-6)**  
Wells with **TPH-G by GC/MS** **2**      Maximum: **56,000 µg/l (MW-6)**  
Wells with **MTBE 8260B** **1**      Maximum: **61 µg/l (MW-3)**

---

**Notes:**

---

# 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-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

### NOTES

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

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5043 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

# Contents of Tables 1 and 2

## Site: 76 Station 5043

### Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 1a	Well/ Date	TPH-D	Ethanol (8260B)											

### Historic Data

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

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**September 25, 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3</b>		<b>(Screen Interval in feet: 2.5-14.0)</b>												
9/25/07	8.04	2.56	0.00	5.48	-0.02	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	61	
<b>MW-6</b>		<b>(Screen Interval in feet: 2.5-13.5)</b>												
9/25/07	8.87	3.52	0.00	5.35	-0.06	--	56000	2900	720	2400	9000	--	ND<25	
<b>MW-7</b>		<b>(Screen Interval in feet: 3.0-13.0)</b>												
9/25/07	8.83	4.65	0.00	4.18	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-8</b>		<b>(Screen Interval in feet: 3.0-15.0)</b>												
9/25/07	8.52	3.26	0.00	5.26	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-9</b>		<b>(Screen Interval in feet: 3.0-13.0)</b>												
9/25/07	8.29	1.57	0.00	6.72	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-10</b>		<b>(Screen Interval in feet: 3.0-13.0)</b>												
9/25/07	8.62	3.91	0.00	4.71	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	



**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 5043**

Date Sampled	TPH-D  (µg/l)	Ethanol (8260B)  (µg/l)
<b>MW-3</b> 9/25/07	210	ND<250
<b>MW-6</b> 9/25/07	58000	ND<12000
<b>MW-7</b> 9/25/07	ND<50	ND<250
<b>MW-8</b> 9/25/07	110	ND<250
<b>MW-9</b> 9/25/07	100	ND<250
<b>MW-10</b> 9/25/07	82	ND<250

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1</b>		<b>(Screen Interval in feet: DNA)</b>												
2/18/92	--	--	--	--	--	150000	--	17000	26000	5200	26000	--	--	
5/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/31/92	--	--	--	--	--	64000	--	13000	12000	2500	22000	--	--	
11/30/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/93	--	--	--	--	--	--	--	--	--	--	--	--	--	
5/4/93	8.96	2.13	0.10	6.90	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/4/93	8.96	2.92	0.03	6.06	-0.84	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/3/93	7.38	3.04	0.00	4.34	-1.72	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/7/94	7.38	2.55	0.03	4.85	0.51	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/19/94	7.38	2.23	0.01	5.16	0.31	--	--	--	--	--	--	--	--	Not sampled - presence of free product
6/25/94	7.38	2.49	0.01	4.90	-0.26	--	--	--	--	--	--	--	--	Not sampled - presence of free product
7/27/94	7.38	3.10	0.00	4.28	-0.62	--	--	--	--	--	--	--	--	
8/15/94	7.38	2.85	0.11	4.61	0.33	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/14/94	7.38	2.97	0.12	4.50	-0.11	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/21/95	7.38	1.53	0.02	5.87	1.37	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/18/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-2</b>		<b>(Screen Interval in feet: DNA)</b>												
2/18/92	--	--	--	--	--	29000	--	1000	5300	260	7900	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-2 continued</b>														
5/20/92	--	--	--	--	--	24000	--	2200	7600	630	11000	--	--	
8/31/92	--	--	--	--	--	9000	--	1800	640	140	2000	--	--	
11/30/92	--	--	--	--	--	29000	--	2000	3400	1200	6900	--	--	
2/4/93	--	--	--	--	--	18000	--	1600	3000	ND	6900	--	--	
5/4/93	8.96	2.48	0.00	6.48	--	63000	--	3200	17000	470	17000	--	--	
8/4/93	8.96	3.20	0.00	5.76	-0.72	45000	--	2100	6600	1400	12000	--	--	
11/3/93	8.58	3.37	0.00	5.21	-0.55	72000	--	3700	16000	3700	20000	--	--	
2/7/94	8.58	2.40	0.00	6.18	0.97	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/19/94	8.58	2.13	0.00	6.45	0.27	42000	--	2500	1300	2300	13000	--	--	
6/25/94	8.58	2.65	0.00	5.93	-0.52	--	--	--	--	--	--	--	--	
7/27/94	8.58	3.44	0.00	5.14	-0.79	--	--	--	--	--	--	--	--	
8/15/94	8.58	3.25	0.00	5.33	0.19	35000	--	2400	850	1700	15000	--	--	
11/14/94	8.58	2.13	0.00	6.45	1.12	43000	--	2200	6500	1800	14000	--	--	
2/21/95	8.58	1.65	0.00	6.93	0.48	44000	--	2200	3200	1300	1500	--	--	
5/18/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-3 (Screen Interval in feet: 2.5-14.0)</b>														
2/18/92	--	--	--	--	--	230	--	4.8	22	1.8	33	--	--	
5/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/31/92	--	--	--	--	--	210	--	1	ND	ND	ND	--	--	
11/30/92	--	--	--	--	--	790	--	ND	ND	ND	ND	--	--	
2/4/93	--	--	--	--	--	3300	--	320	ND	96	6.1	--	--	
5/4/93	7.84	4.32	0.00	3.52	--	1800	--	95	ND	ND	ND	--	--	
8/4/93	7.84	4.94	0.00	2.90	-0.62	210	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
11/3/93	7.42	4.53	0.00	2.89	-0.01	640	--	ND	ND	ND	ND	--	--	
2/7/94	7.42	2.40	0.00	5.02	2.13	2700	--	110	ND	17	ND	--	--	
5/19/94	7.42	3.60	0.00	3.82	-1.20	1800	--	83	ND	6.2	9.1	--	--	
6/25/94	7.42	4.58	0.00	2.84	-0.98	--	--	--	--	--	--	--	--	
7/27/94	7.42	4.58	0.00	2.84	0.00	--	--	--	--	--	--	--	--	
8/15/94	7.42	4.65	0.00	2.77	-0.07	130	--	1.1	0.54	ND	0.97	--	--	
11/14/94	7.42	3.18	0.00	4.24	1.47	1600	--	ND	ND	ND	ND	--	--	
2/21/95	7.42	1.81	0.00	5.61	1.37	3800	--	350	ND	130	22	--	--	
5/18/95	7.42	4.56	0.00	2.86	-2.75	1300	--	42	ND	ND	ND	--	--	
8/17/95	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
7/26/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/28/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Obstructed at 0.55 feet
1/29/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/15/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/27/97	7.42	3.45	0.00	3.97	--	670	--	6.5	ND	ND	ND	250	--	
6/1/97	7.42	3.50	0.00	3.92	-0.05	--	--	--	--	--	--	--	--	
7/15/97	8.04	3.71	0.00	4.33	0.41	240	--	ND	ND	ND	ND	490	--	
10/9/97	8.04	3.70	0.00	4.34	0.01	270	--	1.1	ND	2.4	1.4	910	--	
1/14/98	8.04	2.16	0.00	5.88	1.54	310	--	ND	ND	0.62	0.65	140	--	
4/1/98	8.04	2.20	0.00	5.84	-0.04	370	--	5.7	ND	ND	ND	93	--	
7/15/98	8.04	3.38	0.00	4.66	-1.18	460	--	ND	ND	ND	ND	230	--	
10/16/98	8.04	2.30	0.00	5.74	1.08	330	--	4.7	ND	ND	ND	60	--	
1/25/99	8.04	2.42	0.00	5.62	-0.12	420	--	1.5	ND	ND	ND	180	--	
4/15/99	8.04	2.16	0.00	5.88	0.26	290	--	0.54	ND	ND	ND	160	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
7/14/99	8.04	2.35	0.00	5.69	-0.19	290	--	3.2	ND	ND	ND	160	--	
10/21/99	8.04	2.49	0.00	5.55	-0.14	360	--	0.77	ND	ND	ND	82	--	
1/20/00	8.04	2.38	0.00	5.66	0.11	ND	--	0.81	ND	ND	ND	54	--	
4/13/00	8.04	2.76	0.00	5.28	-0.38	250	--	0.69	ND	ND	ND	91	150	
7/14/00	8.04	3.26	0.00	4.78	-0.50	345	--	ND	ND	ND	ND	94.7	--	
10/26/00	8.04	3.12	0.00	4.92	0.14	480	--	6.0	ND	ND	ND	120	--	
1/3/01	8.04	3.65	0.00	4.39	-0.53	364	--	1.59	ND	ND	ND	118	--	
4/4/01	8.04	3.98	0.00	4.06	-0.33	417	--	1.24	ND	ND	0.802	237	--	
7/17/01	8.04	3.12	0.00	4.92	0.86	480	--	ND	ND	ND	ND	150	--	
10/1/01	8.04	3.25	0.00	4.79	-0.13	310	--	1.0	ND<0.50	ND<0.50	ND<0.50	53	--	
1/31/02	8.04	2.27	0.00	5.77	0.98	250	--	3.5	ND<1.0	ND<1.0	ND<1.0	110	--	
4/18/02	8.04	3.55	0.00	4.49	-1.28	300	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	59	
7/28/02	8.04	2.55	0.00	5.49	1.00	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
10/9/02	8.04	2.47	0.00	5.57	0.08	--	690	ND<5	ND<5	ND<5	ND<10	--	120	
1/2/03	8.04	1.70	0.00	6.34	0.77	--	310	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
4/1/03	8.04	3.48	0.00	4.56	-1.78	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
7/1/03	8.04	2.65	0.00	5.39	0.83	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	70	
10/2/03	8.04	3.12	0.00	4.92	-0.47	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
1/9/04	8.04	2.39	0.00	5.65	0.73	--	300	ND<0.50	0.53	0.53	1.5	--	66	
4/26/04	8.04	3.11	0.00	4.93	-0.72	--	440	2.5	5.5	2.9	9.4	--	81	
7/22/04	8.04	2.51	0.00	5.53	0.60	--	420	ND<0.5	ND<0.5	ND<0.5	ND<1	--	72	
10/29/04	8.04	2.00	0.00	6.04	0.51	--	460	5.6	15	10	46	--	48	
1/10/05	8.04	1.52	0.00	6.52	0.48	--	280	ND<0.50	0.62	ND<0.50	2.4	--	64	
6/15/05	8.04	2.00	0.00	6.04	-0.48	--	460	ND<0.50	0.70	0.56	1.9	--	110	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-3 continued</b>														
9/27/05	8.04	1.90	0.00	6.14	0.10	--	210	ND<0.50	0.60	ND<0.50	ND<1.0	--	100	
12/13/05	8.04	2.35	0.00	5.69	-0.45	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	92	
3/23/06	8.04	1.84	0.00	6.20	0.51	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	88	
6/23/06	8.04	2.26	0.00	5.78	-0.42	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	75	
9/26/06	8.04	2.08	0.00	5.96	0.18	--	270	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	73	
12/22/06	8.04	1.88	0.00	6.16	0.20	--	260	ND<0.50	ND<0.50	ND<0.50	1.2	--	71	
3/30/07	8.04	2.47	0.00	5.57	-0.59	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	120	
6/28/07	8.04	2.54	0.00	5.50	-0.07	--	370	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	55	
9/25/07	8.04	2.56	0.00	5.48	-0.02	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	61	
<b>MW-4 (Screen Interval in feet: DNA)</b>														
8/31/92	--	--	--	--	--	240	--	ND	ND	ND	0.54	--	--	
11/30/92	--	--	--	--	--	420	--	ND	ND	ND	ND	--	--	
2/4/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/4/93	9.00	4.09	0.00	4.91	--	110	--	0.95	ND	ND	ND	--	--	
8/4/93	9.00	5.01	0.00	3.99	-0.92	250	--	ND	3.5	ND	4.1	--	--	
11/3/93	8.41	4.23	0.00	4.18	0.19	130	--	ND	ND	ND	ND	--	--	
2/7/94	8.41	3.35	0.00	5.06	0.88	56	--	ND	ND	ND	ND	--	--	
5/19/94	8.41	3.92	0.00	4.49	-0.57	140	--	ND	ND	ND	ND	--	--	
6/25/94	8.41	4.35	0.00	4.06	-0.43	--	--	--	--	--	--	--	--	
7/27/94	8.41	4.28	0.00	4.13	0.07	--	--	--	--	--	--	--	--	
8/15/94	8.41	4.27	0.00	4.14	0.01	59	--	ND	0.6	ND	ND	--	--	
11/14/94	8.41	4.05	0.00	4.36	0.22	130	--	ND	ND	ND	ND	--	--	
2/21/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 (Screen Interval in feet: DNA)</b>														
8/31/92	--	--	--	--	--	78	--	0.89	ND	ND	13	--	--	
11/30/92	--	--	--	--	--	930	--	70	290	0.79	14	--	--	
2/4/93	--	--	--	--	--	5700	--	38	ND	620	170	--	--	
5/4/93	8.95	4.37	0.00	4.58	--	7400	--	41	ND	1000	35	--	--	
8/4/93	8.95	5.81	0.00	3.14	-1.44	1500	--	130	1	460	11	--	--	
11/3/93	8.95	5.68	0.00	3.27	0.13	13000	--	350	ND	3500	530	--	--	
2/7/94	8.95	5.11	0.00	3.84	0.57	2000	--	87	ND	370	110	--	--	
5/19/94	8.95	5.09	0.00	3.86	0.02	260	--	44	ND	32	4.1	--	--	
6/25/94	8.95	4.55	0.00	4.40	0.54	--	--	--	--	--	--	--	--	
7/27/94	8.95	5.72	0.00	3.23	-1.17	--	--	--	--	--	--	--	--	
8/15/94	8.95	5.68	0.00	3.27	0.04	1600	--	110	ND	340	72	--	--	
11/14/94	8.95	5.63	0.00	3.32	0.05	250	--	40	ND	ND	5	--	--	
2/21/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
<b>MW-6 (Screen Interval in feet: 2.5-13.5)</b>														
8/31/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/30/92	--	--	--	--	--	9200	--	550	ND	740	1600	--	--	
2/4/93	--	--	--	--	--	3600	--	340	ND	290	550	--	--	
5/4/93	9.12	3.72	0.00	5.40	--	4900	--	360	18	450	430	--	--	
8/4/93	9.12	5.15	0.00	3.97	-1.43	3400	--	390	ND	440	190	--	--	
11/3/93	8.87	5.25	0.00	3.62	-0.35	1400	--	320	ND	200	7.7	--	--	
2/7/94	8.87	4.55	0.00	4.32	0.70	4900	--	650	ND	250	35	--	--	
5/19/94	8.87	4.62	0.00	4.25	-0.07	3600	--	300	1.7	210	41	--	--	
8/15/94	8.87	5.08	0.00	3.79	-0.46	1300	--	130	6.7	54	57	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
11/14/94	8.87	5.30	0.00	3.57	-0.22	730	--	50	ND	ND	39	--	--	
2/21/95	8.87	5.37	0.00	3.50	-0.07	2000	--	250	4.6	25	30	--	--	
5/18/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/17/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
7/26/96	8.87	6.40	3.33	4.97	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
10/28/96	8.87	4.10	0.21	4.93	-0.04	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/13/96	8.87	4.02	0.25	5.04	0.11	--	--	--	--	--	--	--	--	
11/25/96	8.87	4.01	0.75	5.42	0.38	--	--	--	--	--	--	--	--	
12/4/96	8.87	3.65	0.50	5.59	0.17	--	--	--	--	--	--	--	--	
12/19/96	8.87	4.80	2.20	5.72	0.13	--	--	--	--	--	--	--	--	
1/8/97	8.87	4.84	1.75	5.34	-0.38	--	--	--	--	--	--	--	--	
1/14/97	8.87	4.51	1.15	5.22	-0.12	--	--	--	--	--	--	--	--	
1/27/97	8.87	4.00	1.75	6.18	0.96	--	--	--	--	--	--	--	--	
1/29/97	8.87	3.24	0.31	5.86	-0.32	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/11/97	8.87	4.65	1.20	5.12	-0.74	--	--	--	--	--	--	--	--	
2/24/97	8.87	4.81	1.10	4.89	-0.23	--	--	--	--	--	--	--	--	
3/10/97	8.87	4.60	0.95	4.98	0.10	--	--	--	--	--	--	--	--	
3/17/97	8.87	4.50	0.89	5.04	0.05	--	--	--	--	--	--	--	--	
3/31/97	8.87	4.65	1.00	4.97	-0.07	--	--	--	--	--	--	--	--	
4/15/97	8.87	4.90	1.03	4.74	-0.23	--	--	--	--	--	--	--	--	Not sampled - presence of free product
4/28/97	8.87	4.78	0.03	4.11	-0.63	--	--	--	--	--	--	--	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
5/15/97	8.87	4.60	0.25	4.46	0.35	--	--	--	--	--	--	--	--	
5/27/97	8.87	4.50	0.25	4.56	0.10	--	--	--	--	--	--	--	--	
6/9/97	8.87	4.60	0.20	4.42	-0.14	--	--	--	--	--	--	--	--	
6/24/97	8.87	4.50	0.25	4.56	0.14	--	--	--	--	--	--	--	--	
7/9/97	8.87	4.80	0.60	4.52	-0.04	--	--	--	--	--	--	--	--	
7/15/97	8.87	4.63	0.42	4.55	0.04	--	--	--	--	--	--	--	--	Not sampled - presence of free product
7/21/97	8.87	4.75	0.25	4.31	-0.25	--	--	--	--	--	--	--	--	
8/6/97	8.87	4.50	0.10	4.44	0.14	--	--	--	--	--	--	--	--	
8/20/97	8.87	4.55	0.10	4.39	-0.05	--	--	--	--	--	--	--	--	
9/2/97	8.87	4.75	0.05	4.16	-0.24	--	--	--	--	--	--	--	--	
10/9/97	8.87	4.84	0.04	4.06	-0.10	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/14/98	8.87	3.90	0.94	5.67	1.61	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/12/98	8.87	3.35	0.64	6.00	0.33	--	--	--	--	--	--	--	--	
3/3/98	8.87	4.51	0.02	4.37	-1.63	--	--	--	--	--	--	--	--	
4/1/98	8.87	3.67	1.60	6.40	2.03	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/26/98	8.87	4.11	0.50	5.13	-1.26	--	--	--	--	--	--	--	--	
6/15/98	8.87	5.03	0.30	4.06	-1.07	--	--	--	--	--	--	--	--	
7/15/98	8.87	4.56	0.05	4.35	0.28	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/21/98	8.87	4.77	0.02	4.11	-0.23	--	--	--	--	--	--	--	--	
9/30/98	8.87	5.08	0.03	3.81	-0.30	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
10/16/98	8.87	4.31	2.40	6.36	2.55	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/6/98	8.87	3.98	0.17	5.02	-1.34	--	--	--	--	--	--	--	--	
11/25/98	8.87	3.92	0.10	5.02	0.01	--	--	--	--	--	--	--	--	
12/28/98	8.87	3.90	0.20	5.12	0.10	--	--	--	--	--	--	--	--	
1/25/99	8.87	4.18	0.60	5.14	0.02	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/22/99	8.87	4.07	0.22	4.96	-0.18	--	--	--	--	--	--	--	--	
3/22/99	8.87	4.32	0.15	4.66	-0.30	--	--	--	--	--	--	--	--	
4/15/99	8.87	4.23	0.95	5.35	0.69	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/28/99	8.87	4.38	0.39	4.78	-0.57	--	--	--	--	--	--	--	--	
6/29/99	8.87	4.12	0.02	4.76	-0.02	--	--	--	--	--	--	--	--	
7/14/99	8.87	4.20	0.03	4.69	-0.07	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/23/99	8.87	4.51	0.24	4.54	-0.15	--	--	--	--	--	--	--	--	
9/30/99	8.87	4.17	0.17	4.83	0.29	--	--	--	--	--	--	--	--	
10/21/99	8.87	4.27	0.12	4.69	-0.14	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/29/99	8.87	4.18	0.00	4.69	0.00	--	--	--	--	--	--	--	--	
12/20/99	8.87	4.26	0.01	4.62	-0.07	--	--	--	--	--	--	--	--	
1/20/00	8.87	4.31	0.00	4.56	-0.06	130000	--	2900	8600	2000	16000	ND	--	
2/26/00	8.87	3.98	0.00	4.89	0.33	--	--	--	--	--	--	--	--	
3/31/00	8.87	4.14	0.00	4.73	-0.16	--	--	--	--	--	--	--	--	
4/13/00	8.87	4.04	0.00	4.83	0.10	140000	--	5000	14000	3600	27000	7700	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
5/26/00	8.87	4.41	0.00	4.46	-0.37	--	--	--	--	--	--	--	--	
6/17/00	8.87	4.35	0.00	4.52	0.06	--	--	--	--	--	--	--	--	
7/14/00	8.87	4.47	0.00	4.40	-0.12	259000	--	7670	13700	6860	40700	ND	ND	
8/24/00	8.87	3.71	0.00	5.16	0.76	--	--	--	--	--	--	--	--	
9/27/00	8.87	4.33	0.00	4.54	-0.62	--	--	--	--	--	--	--	--	
10/26/00	8.87	4.32	0.00	4.55	0.01	110000	--	7000	6200	3700	12000	670	43	
1/3/01	8.87	4.52	0.00	4.35	-0.20	84700	--	3950	4130	3650	11800	ND	ND	
4/4/01	8.87	4.29	0.00	4.58	0.23	69800	--	2060	2840	3650	10900	ND	47.8	
7/17/01	8.87	4.37	0.00	4.50	-0.08	100000	--	3200	3300	3400	12000	ND	--	
10/1/01	8.87	4.45	0.00	4.42	-0.08	110000	--	3200	2400	4500	13000	ND<1000	--	
1/31/02	8.87	4.03	0.00	4.84	0.42	230000	--	2400	1800	5400	16000	ND<2500	--	
4/18/02	8.87	3.45	0.00	5.42	0.58	94000	--	6800	13000	3000	19000	ND<500	--	
7/28/02	8.87	2.24	0.00	6.63	1.21	--	110000	530	170	3200	7300	--	ND<100	
10/9/02	8.87	3.53	0.00	5.34	-1.29	--	970000	10000	39000	13000	94000	--	ND<2000	
1/2/03	8.87	2.34	0.00	6.53	1.19	--	270000	6100	15000	5400	37000	--	ND<200	
4/1/03	8.87	3.17	0.00	5.70	-0.83	--	3000000	8000	39000	37000	260000	--	ND<2000	
7/1/03	8.87	3.55	0.00	5.32	-0.38	--	38000	2100	990	2700	6500	--	ND<100	
10/2/03	8.87	3.82	0.00	5.05	-0.27	--	100000	5600	6900	4700	18000	--	ND<800	
1/9/04	8.87	2.80	0.00	6.07	1.02	--	170000	2800	3300	4700	16000	--	ND<200	
4/26/04	8.87	3.40	0.00	5.47	-0.60	--	97000	5900	9000	5100	23000	--	ND<50	
7/22/04	8.87	3.54	0.00	5.33	-0.14	--	110000	4100	5100	4000	16000	--	ND<200	
10/29/04	8.87	3.03	0.00	5.84	0.51	--	100000	5200	6100	4200	15000	--	ND<50	
1/10/05	8.87	2.35	0.00	6.52	0.68	--	71000	1600	3700	2100	9900	--	ND<50	
6/15/05	8.87	2.47	0.00	6.40	-0.12	--	130000	800	1800	2200	9300	--	ND<50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
9/27/05	8.87	2.55	0.00	6.32	-0.08	--	13000	82	120	430	990	--	0.56	
12/13/05	8.87	3.28	0.00	5.59	-0.73	--	68000	1500	1100	2200	7700	--	ND<50	
3/23/06	8.87	2.87	0.00	6.00	0.41	--	41000	290	140	1500	2700	--	ND<50	
6/23/06	8.87	3.15	0.00	5.72	-0.28	--	50000	2200	1400	1900	5700	--	ND<12	
9/26/06	8.87	3.08	0.00	5.79	0.07	--	130000	2200	1000	2900	8800	--	ND<50	
12/22/06	8.87	2.90	0.00	5.97	0.18	--	90000	940	610	1900	4700	--	ND<50	
3/30/07	8.87	3.26	0.00	5.61	-0.36	--	210000	1100	560	3400	12000	--	ND<10	
6/28/07	8.87	3.46	0.00	5.41	-0.20	--	67000	2200	1300	2700	10000	--	ND<25	
9/25/07	8.87	3.52	0.00	5.35	-0.06	--	56000	2900	720	2400	9000	--	ND<25	
<b>MW-7 (Screen Interval in feet: 3.0-13.0)</b>														
5/27/97	8.83	4.50	0.00	4.33	--	68	--	ND	ND	ND	ND	ND	--	
6/1/97	8.83	4.54	0.00	4.29	-0.04	--	--	--	--	--	--	--	--	
7/15/97	8.83	4.70	0.00	4.13	-0.16	ND	--	ND	ND	ND	ND	ND	--	
10/9/97	8.83	4.30	0.00	4.53	0.40	ND	--	ND	ND	ND	ND	ND	--	
1/14/98	8.83	2.88	0.00	5.95	1.42	ND	--	ND	ND	ND	ND	36	--	
4/1/98	8.83	3.13	0.00	5.70	-0.25	ND	--	ND	ND	ND	ND	ND	--	
7/15/98	8.83	4.45	0.00	4.38	-1.32	ND	--	ND	ND	ND	ND	ND	--	
10/16/98	8.83	3.45	0.00	5.38	1.00	ND	--	ND	ND	ND	ND	ND	--	
1/25/99	8.83	3.22	0.00	5.61	0.23	ND	--	ND	ND	ND	ND	ND	--	
4/15/99	8.83	3.11	0.00	5.72	0.11	ND	--	ND	ND	ND	ND	ND	--	
7/14/99	8.83	3.34	0.00	5.49	-0.23	ND	--	ND	ND	ND	ND	ND	--	
10/21/99	8.83	3.43	0.00	5.40	-0.09	ND	--	ND	ND	ND	ND	ND	--	
1/20/00	8.83	3.29	0.00	5.54	0.14	ND	--	ND	ND	ND	ND	4.2	--	
4/13/00	8.83	3.39	0.00	5.44	-0.10	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-7 continued</b>														
7/14/00	8.83	4.42	0.00	4.41	-1.03	ND	--	ND	ND	ND	ND	7.83	--	
7/17/01	8.83	5.06	0.00	3.77	-0.64	ND	--	ND	ND	ND	ND	ND	--	
10/1/01	8.83	4.98	0.00	3.85	0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
1/31/02	8.83	3.88	0.00	4.95	1.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/18/02	8.83	4.03	0.00	4.80	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	--	
7/28/02	8.83	3.59	0.00	5.24	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
10/9/02	8.83	4.53	0.00	4.30	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
1/3/03	8.83	3.36	0.00	5.47	1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/1/03	8.83	3.94	0.00	4.89	-0.58	--	71	ND<0.50	ND<0.50	0.71	ND<1.0	--	3.4	
7/1/03	8.83	4.60	0.00	4.23	-0.66	--	64	ND<0.50	ND<0.50	0.77	2.0	--	35	
10/2/03	8.83	5.46	0.00	3.37	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
1/9/04	8.83	3.55	0.00	5.28	1.91	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
4/26/04	8.83	4.49	0.00	4.34	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	2.3	
7/22/04	8.83	4.93	0.00	3.90	-0.44	--	82	0.90	2.0	3.5	9.9	--	1.4	
10/29/04	8.83	3.71	0.00	5.12	1.22	--	210	0.67	1.6	1.7	5.8	--	ND<0.50	
1/10/05	8.83	2.77	0.00	6.06	0.94	--	74	0.51	2.2	1.7	7.0	--	ND<0.50	
6/15/05	8.83	3.40	0.00	5.43	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.88	
9/27/05	8.83	3.44	0.00	5.39	-0.04	--	ND<50	0.59	1.2	ND<0.50	ND<1.0	--	0.96	
12/13/05	8.83	3.98	0.00	4.85	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
3/23/06	8.83	3.37	0.00	5.46	0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/06	8.83	5.25	0.00	3.58	-1.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/26/06	8.83	4.13	0.00	4.70	1.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.77	
12/22/06	8.83	3.63	0.00	5.20	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/30/07	8.83	4.31	0.00	4.52	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-7 continued</b>														
6/28/07	8.83	4.62	0.00	4.21	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.54	
9/25/07	8.83	4.65	0.00	4.18	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-8 (Screen Interval in feet: 3.0-15.0)</b>														
5/27/97	8.52	3.42	0.00	5.10	--	310	--	0.88	0.67	15	70	ND	--	
6/1/97	8.52	3.46	0.00	5.06	-0.04	--	--	--	--	--	--	--	--	
7/15/97	8.52	3.49	0.00	5.03	-0.03	ND	--	ND	ND	2.7	3.8	ND	--	
10/9/97	8.52	3.73	0.00	4.79	-0.24	590	--	1.4	ND	32	4.1	ND	--	
1/14/98	8.52	1.92	0.00	6.60	1.81	ND	--	ND	ND	ND	ND	ND	--	
4/1/98	8.52	2.38	0.00	6.14	-0.46	ND	--	ND	ND	ND	ND	4.7	--	
7/15/98	8.52	3.53	0.00	4.99	-1.15	ND	--	ND	ND	0.56	1.1	ND	--	
10/16/98	8.52	3.04	0.00	5.48	0.49	ND	--	ND	ND	ND	ND	ND	--	
1/25/99	8.52	2.92	0.00	5.60	0.12	ND	--	ND	ND	ND	ND	ND	--	
4/15/99	8.52	2.40	0.00	6.12	0.52	ND	--	ND	ND	ND	ND	ND	--	
7/14/99	8.52	3.03	0.00	5.49	-0.63	ND	--	ND	ND	ND	ND	ND	--	
10/21/99	8.52	3.11	0.00	5.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	
1/20/00	8.52	3.06	0.00	5.46	0.05	ND	--	ND	ND	ND	ND	ND	--	
4/13/00	8.52	2.84	0.00	5.68	0.22	ND	--	ND	ND	ND	ND	ND	--	
7/14/00	8.52	3.39	0.00	5.13	-0.55	ND	--	ND	ND	ND	ND	ND	--	
7/17/01	8.52	3.46	0.00	5.06	-0.07	ND	--	ND	ND	ND	ND	ND	--	
10/1/01	8.52	3.51	0.00	5.01	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
1/31/02	8.52	2.75	0.00	5.77	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/18/02	8.52	2.98	0.00	5.54	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/28/02	8.52	2.41	0.00	6.11	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/9/02	8.52	2.09	0.00	6.43	0.32	--	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**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-8 continued</b>														
1/2/03	8.52	1.98	0.00	6.54	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/1/03	8.52	2.66	0.00	5.86	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/1/03	8.52	3.08	0.00	5.44	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/2/03	8.52	3.89	0.00	4.63	-0.81	--	540	3.9	15	29	80	--	ND<2.0	
1/9/04	8.52	2.38	0.00	6.14	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/26/04	8.52	2.89	0.00	5.63	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/22/04	8.52	3.25	0.00	5.27	-0.36	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/04	8.52	3.06	0.00	5.46	0.19	--	ND<50	ND<0.50	ND<0.50	0.82	2.5	--	ND<0.50	
1/10/05	8.52	1.92	0.00	6.60	1.14	--	58	ND<0.50	0.61	1.2	4.0	--	ND<0.50	
6/15/05	8.52	2.22	0.00	6.30	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/05	8.52	2.43	0.00	6.09	-0.21	--	ND<50	ND<0.50	ND<0.50	1.2	ND<1.0	--	ND<0.50	
12/13/05	8.52	2.89	0.00	5.63	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/23/06	8.52	2.12	0.00	6.40	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/06	8.52	2.65	0.00	5.87	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/26/06	8.52	2.75	0.00	5.77	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.52	2.58	0.00	5.94	0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/30/07	8.52	2.74	0.00	5.78	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/07	8.52	2.90	0.00	5.62	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/25/07	8.52	3.26	0.00	5.26	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-9 (Screen Interval in feet: 3.0-13.0)</b>														
2/21/95	8.29	1.98	0.00	6.31	--	70	--	ND	ND	ND	ND	--	--	
5/18/95	8.29	3.47	0.00	4.82	-1.49	52	--	ND	1.1	ND	1.9	--	--	
8/17/95	8.29	1.49	0.00	6.80	1.98	ND	--	ND	ND	ND	ND	--	--	
7/26/96	8.29	0.28	0.00	8.01	1.21	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-9 continued</b>														
10/28/96	8.29	1.15	0.00	7.14	-0.87	ND	--	ND	ND	ND	ND	7.6	--	
1/29/97	8.29	1.05	0.00	7.24	0.10	ND	--	ND	ND	ND	ND	5.4	--	
4/15/97	8.29	1.88	0.00	6.41	-0.83	ND	--	ND	ND	ND	ND	5.4	--	
5/27/97	8.29	1.05	0.00	7.24	0.83	--	--	--	--	--	--	--	--	
7/15/97	8.29	1.90	0.00	6.39	-0.85	ND	--	ND	ND	ND	ND	ND	--	
10/9/97	8.29	1.76	0.00	6.53	0.14	ND	--	ND	ND	ND	ND	ND	--	
1/14/98	8.29	1.26	0.00	7.03	0.50	ND	--	ND	ND	ND	ND	3.0	--	
4/1/98	8.29	0.85	0.00	7.44	0.41	ND	--	ND	ND	ND	ND	ND	--	
7/15/98	8.29	1.52	0.00	6.77	-0.67	ND	--	ND	ND	ND	ND	ND	--	
10/16/98	8.29	0.81	0.00	7.48	0.71	ND	--	ND	ND	ND	ND	ND	--	
1/25/99	8.29	0.92	0.00	7.37	-0.11	ND	--	ND	ND	ND	ND	ND	--	
4/15/99	8.29	0.90	0.00	7.39	0.02	75	--	21	ND	ND	1.1	680	--	
7/14/99	8.29	1.04	0.00	7.25	-0.14	ND	--	1.9	ND	ND	ND	260	--	
10/21/99	8.29	1.23	0.00	7.06	-0.19	ND	--	ND	ND	ND	ND	170	--	
1/20/00	8.29	1.18	0.00	7.11	0.05	ND	--	1.1	ND	ND	ND	35	--	
4/13/00	8.29	1.08	0.00	7.21	0.10	160	--	0.64	ND	ND	ND	53	--	
7/14/00	8.29	1.43	0.00	6.86	-0.35	ND	--	ND	ND	ND	ND	20.2	--	
10/26/00	8.29	1.38	0.00	6.91	0.05	240	--	2.9	ND	ND	ND	56	--	
1/3/01	8.29	1.66	0.00	6.63	-0.28	166	--	0.763	0.776	ND	1.28	50.2	--	
4/4/01	8.29	1.27	0.00	7.02	0.39	296	--	0.738	ND	ND	0.907	135	--	
7/17/01	8.29	1.38	0.00	6.91	-0.11	ND	--	ND	ND	ND	ND	13	--	
10/1/01	8.29	1.93	0.00	6.36	-0.55	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.0	--	
1/31/02	8.29	2.08	0.00	6.21	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.8	--	
4/18/02	8.29	1.76	0.00	6.53	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.1	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-9 continued</b>														
7/28/02	8.29	1.57	0.00	6.72	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.5	
10/9/02	8.29	1.45	0.00	6.84	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
1/2/03	8.29	1.18	0.00	7.11	0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.6	
4/1/03	8.29	2.04	0.00	6.25	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
7/1/03	8.29	2.80	0.00	5.49	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
10/2/03	8.29	2.70	0.00	5.59	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/9/04	8.29	1.90	0.00	6.39	0.80	--	74	ND<0.50	0.98	2.3	6.2	--	ND<2.0	
4/26/04	8.29	1.62	0.00	6.67	0.28	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
7/22/04	8.29	1.88	0.00	6.41	-0.26	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.78	
10/29/04	8.29	1.28	0.00	7.01	0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	ND<0.50	
1/10/05	8.29	0.07	0.00	8.22	1.21	--	93	0.60	2.3	2.4	9.0	--	ND<0.50	
6/15/05	8.29	1.70	0.00	6.59	-1.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.6	
9/27/05	8.29	1.98	0.00	6.31	-0.28	--	ND<50	ND<0.50	0.73	ND<0.50	ND<1.0	--	2.3	
12/13/05	8.29	2.26	0.00	6.03	-0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
3/23/06	8.29	1.32	0.00	6.97	0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
6/23/06	8.29	1.98	0.00	6.31	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
9/26/06	8.29	2.52	0.00	5.77	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.29	1.98	0.00	6.31	0.54	--	ND<50	ND<0.50	0.57	1.8	4.6	--	1.6	
3/30/07	8.29	2.01	0.00	6.28	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.4	
6/28/07	8.29	1.90	0.00	6.39	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.9	
9/25/07	8.29	1.57	0.00	6.72	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
<b>MW-10 (Screen Interval in feet: 3.0-13.0)</b>														
2/21/95	8.62	4.69	0.00	3.93	--	1500	--	250	26	9.1	160	--	--	
5/18/95	8.62	4.92	0.00	3.70	-0.23	810	--	520	ND	18	23	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-10 continued</b>														
8/17/95	8.62	4.05	0.00	4.57	0.87	67	--	25	ND	2.4	ND	--	--	
7/26/96	8.62	4.08	0.00	4.54	-0.03	ND	--	3.7	ND	ND	ND	ND	--	
10/28/96	8.62	4.09	0.00	4.53	-0.01	ND	--	1.1	ND	ND	ND	ND	--	
1/29/97	8.62	2.94	0.00	5.68	1.15	210	--	41	0.67	7.2	4.8	11	--	
4/15/97	8.62	4.07	0.00	4.55	-1.13	110	--	12	ND	0.77	ND	9.7	--	
5/27/97	8.62	4.40	0.00	4.22	-0.33	--	--	--	--	--	--	--	--	
7/15/97	8.62	4.19	0.00	4.43	0.21	ND	--	2.1	ND	0.67	0.73	ND	--	
10/9/97	8.62	4.75	0.00	3.87	-0.56	190	--	38	0.92	6.6	7.6	ND	--	
1/14/98	8.62	2.66	0.00	5.96	2.09	59	--	9.5	0.85	1.2	1.7	4.5	--	
4/1/98	8.62	3.45	0.00	5.17	-0.79	230	--	66	1.7	12	17	6.4	--	
7/15/98	8.62	4.21	0.00	4.41	-0.76	290	--	98	45	21	38	21	--	
10/16/98	8.62	4.11	0.00	4.51	0.10	160	--	44	0.96	2.5	10	17	--	
1/25/99	8.62	3.26	0.00	5.36	0.85	140	--	27	ND	2.8	6.8	23	--	
4/15/99	8.62	3.63	0.00	4.99	-0.37	120	--	18	ND	1.8	5.1	14	--	
7/14/99	8.62	3.89	0.00	4.73	-0.26	280	--	55	3.2	11	31	6.1	--	
10/21/99	8.62	4.09	0.00	4.53	-0.20	140	--	22	0.59	1.7	7.7	5.3	--	
1/20/00	8.62	3.92	0.00	4.70	0.17	ND	--	0.73	0.86	ND	ND	5.2	--	
4/13/00	8.62	3.85	0.00	4.77	0.07	67	--	54	ND	2.6	ND	3.8	--	
7/14/00	8.62	4.18	0.00	4.44	-0.33	ND	--	0.547	ND	ND	ND	ND	--	
10/26/00	8.62	3.96	0.00	4.66	0.22	ND	--	3.3	ND	0.83	1.5	ND	--	
1/3/01	8.62	4.14	0.00	4.48	-0.18	52.7	--	5.15	ND	0.823	1.57	ND	--	
4/4/01	8.62	3.88	0.00	4.74	0.26	129	--	28.1	1.67	4.97	10.1	ND	--	
7/17/01	8.62	4.08	0.00	4.54	-0.20	ND	--	4.1	ND	1.0	1.8	ND	--	
10/1/01	8.62	4.22	0.00	4.40	-0.14	140	--	30	0.51	4.0	12	ND<5.0	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2007**  
**76 Station 5043**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-10 continued</b>														
1/31/02	8.62	3.68	0.00	4.94	0.54	110	--	16	ND<0.50	2.3	5.6	ND<2.5	--	
4/18/02	8.62	4.01	0.00	4.61	-0.33	ND<50	--	11	ND<0.50	1.4	4.5	ND<2.5	--	
7/28/02	8.62	4.11	0.00	4.51	-0.10	--	67	15	ND<0.50	0.94	7.3	--	ND<2.0	
10/9/02	8.62	3.97	0.00	4.65	0.14	--	ND<50	0.67	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/2/03	8.62	3.03	0.00	5.59	0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/1/03	8.62	3.83	0.00	4.79	-0.80	--	ND<50	11	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/1/03	8.62	4.13	0.00	4.49	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/2/03	8.62	4.05	0.00	4.57	0.08	--	77	9.9	0.78	2.3	4.9	--	ND<2.0	
1/9/04	8.62	3.40	0.00	5.22	0.65	--	53	1.2	ND<0.50	0.70	1.6	--	ND<2.0	
4/26/04	8.62	3.89	0.00	4.73	-0.49	--	ND<50	2.8	1.3	1.0	2.9	--	ND<0.50	
7/22/04	8.62	3.73	0.00	4.89	0.16	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/04	8.62	3.41	0.00	5.21	0.32	--	100	2.0	1.2	1.1	3.6	--	ND<0.50	
1/10/05	8.62	2.68	0.00	5.94	0.73	--	84	7.8	2.7	2.2	8.9	--	ND<0.50	
6/15/05	8.62	4.63	0.00	3.99	-1.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/05	8.62	3.96	0.00	4.66	0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/13/05	8.62	3.75	0.00	4.87	0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/23/06	8.62	3.13	0.00	5.49	0.62	--	50	13	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/06	8.62	3.90	0.00	4.72	-0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/26/06	8.62	3.66	0.00	4.96	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.62	3.56	0.00	5.06	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.8	--	ND<0.50	
3/30/07	8.62	3.93	0.00	4.69	-0.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/28/07	8.62	4.03	0.00	4.59	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/25/07	8.62	3.91	0.00	4.71	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
<b>MW-1</b>									
2/18/92	13000	--	--	--	--	--	--	--	--
8/31/92	8900	--	--	--	--	--	--	--	--
<b>MW-2</b>									
2/18/92	4300	--	--	--	--	--	--	--	--
5/20/92	4300	--	--	--	--	--	--	--	--
8/31/92	1600	--	--	--	--	--	--	--	--
11/30/92	5700	--	--	--	--	--	--	--	--
2/4/93	6100	--	--	--	--	--	--	--	--
5/4/93	7100	--	--	--	--	--	--	--	--
8/4/93	1800	--	--	--	--	--	--	--	--
11/3/93	2600	--	--	--	--	--	--	--	--
5/19/94	3000	--	--	--	--	--	--	--	--
8/15/94	2800	--	--	--	--	--	--	--	--
11/14/94	10000	--	--	--	--	--	--	--	--
2/21/95	2000	--	--	--	--	--	--	--	--
<b>MW-3</b>									
2/18/92	ND	--	--	--	--	--	--	--	--
8/31/92	92	--	--	--	--	--	--	--	--
11/30/92	94	--	--	--	--	--	--	--	--
2/4/93	550	--	--	--	--	--	--	--	--
5/4/93	250	--	--	--	--	--	--	--	--
8/4/93	100	--	--	--	--	--	--	--	--
11/3/93	160	--	--	--	--	--	--	--	--
2/7/94	620	--	--	--	--	--	--	--	--
5/19/94	480	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-3 continued</b>									
8/15/94	110	--	--	--	--	--	--	--	--
11/14/94	150	--	--	--	--	--	--	--	--
2/21/95	850	--	--	--	--	--	--	--	--
5/18/95	150	--	--	--	--	--	--	--	--
6/1/97	610	--	--	--	--	--	--	--	--
7/15/97	240	--	--	--	--	--	--	--	--
10/9/97	500	--	--	--	--	--	--	--	--
1/14/98	340	--	--	--	--	--	--	--	--
4/1/98	320	--	--	--	--	--	--	--	--
7/15/98	510	--	--	--	--	--	--	--	--
10/16/98	67	--	--	--	--	--	--	--	--
1/25/99	120	--	--	--	--	--	--	--	--
4/15/99	170	--	--	--	--	--	--	--	--
7/14/99	420	--	--	--	--	--	--	--	--
10/21/99	350	--	--	--	--	--	--	--	--
1/20/00	2060	--	--	--	--	--	--	--	--
4/13/00	200	ND	ND	ND	ND	ND	ND	ND	--
7/14/00	423	--	--	--	--	--	--	--	--
10/26/00	330	--	--	--	--	--	--	--	--
1/3/01	287	--	--	--	--	--	--	--	--
4/4/01	360	--	--	--	--	--	--	--	--
7/17/01	270	--	--	--	--	--	--	--	--
10/1/01	270	--	--	--	--	--	--	--	--
1/31/02	250	--	--	--	--	--	--	--	--
4/18/02	320	--	--	--	--	--	--	--	--
7/28/02	310	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-3 continued</b>									
10/9/02	700	--	--	--	--	--	--	--	--
1/2/03	210	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--
4/1/03	200	--	--	--	--	--	--	--	--
7/1/03	380	--	ND<2500	--	--	--	--	--	--
10/2/03	300	--	ND<2500	--	--	--	--	--	--
1/9/04	200	--	ND<500	--	--	--	--	--	--
4/26/04	160	--	ND<50	--	--	--	--	--	--
7/22/04	330	--	ND<1000	--	--	--	--	--	--
10/29/04	200	--	ND<50	--	--	--	--	--	--
1/10/05	250	--	ND<50	--	--	--	--	--	--
6/15/05	360	--	ND<50	--	--	--	--	--	--
9/27/05	ND<200	79	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	230	--	ND<250	--	--	--	--	--	--
3/23/06	260	--	ND<250	--	--	--	--	--	--
6/23/06	330	--	ND<250	--	--	--	--	--	--
9/26/06	260	--	ND<250	--	--	--	--	--	--
12/22/06	250	--	ND<250	--	--	--	--	--	--
3/30/07	210	--	ND<250	--	--	--	--	--	--
6/28/07	290	--	ND<250	--	--	--	--	--	--
9/25/07	210	--	ND<250	--	--	--	--	--	--
<b>MW-4</b>									
8/31/92	90	--	--	--	--	--	--	--	--
11/30/92	61	--	--	--	--	--	--	--	--
2/4/93	ND	--	--	--	--	--	--	--	--
5/4/93	ND	--	--	--	--	--	--	--	--
8/4/93	81	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-4 continued</b>									
11/3/93	68	--	--	--	--	--	--	--	--
2/7/94	ND	--	--	--	--	--	--	--	--
5/19/94	90	--	--	--	--	--	--	--	--
8/15/94	72	--	--	--	--	--	--	--	--
11/14/94	ND	--	--	--	--	--	--	--	--
<b>MW-5</b>									
8/31/92	690	--	--	--	--	--	--	--	--
11/30/92	470	--	--	--	--	--	--	--	ND
2/4/93	5500	--	--	--	--	--	--	--	ND
5/4/93	4600	--	--	--	--	--	--	--	ND
8/4/93	970	--	--	--	--	--	--	--	ND
11/3/93	2100	--	--	--	--	--	--	--	--
2/7/94	830	--	--	--	--	--	--	--	--
5/19/94	600	--	--	--	--	--	--	--	--
8/15/94	860	--	--	--	--	--	--	--	--
11/14/94	290	--	--	--	--	--	--	--	--
<b>MW-6</b>									
8/31/92	750	--	--	--	--	--	--	--	--
11/30/92	1400	--	--	--	--	--	--	--	--
2/4/93	890	--	--	--	--	--	--	--	--
5/4/93	1800	--	--	--	--	--	--	--	--
8/4/93	1100	--	--	--	--	--	--	--	--
11/3/93	390	--	--	--	--	--	--	--	--
2/7/94	970	--	--	--	--	--	--	--	--
5/19/94	1400	--	--	--	--	--	--	--	--
8/15/94	790	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
<b>MW-6 continued</b>									
11/14/94	800	--	--	--	--	--	--	--	--
2/21/95	730	--	--	--	--	--	--	--	--
1/20/00	67600	--	--	--	--	--	--	--	--
4/13/00	8700	--	--	--	--	--	--	--	--
7/14/00	133000	--	--	--	--	--	--	--	--
10/26/00	61000	--	--	--	--	--	--	--	--
1/3/01	929	--	--	--	--	--	--	--	--
4/4/01	18000	ND	ND	ND	ND	ND	ND	ND	--
7/17/01	20000	--	--	--	--	--	--	--	--
10/1/01	24000	--	--	--	--	--	--	--	--
1/31/02	11000	--	--	--	--	--	--	--	--
4/18/02	3500	--	--	--	--	--	--	--	--
7/28/02	27000	--	--	--	--	--	--	--	--
10/9/02	170000	--	--	--	--	--	--	--	--
1/2/03	66000	--	--	--	--	--	--	--	--
4/1/03	35000	--	--	--	--	--	--	--	--
7/1/03	11000	--	ND<25000	--	--	--	--	--	--
10/2/03	ND<50	--	ND<200000	--	--	--	--	--	--
1/9/04	20000	--	ND<50000	--	--	--	--	--	--
4/26/04	13000	--	ND<5000	--	--	--	--	--	--
7/22/04	33000	--	ND<300000	--	--	--	--	--	--
10/29/04	78000	--	ND<5000	--	--	--	--	--	--
1/10/05	12000	--	ND<5000	--	--	--	--	--	--
6/15/05	16000	--	ND<5000	--	--	--	--	--	--
9/27/05	2500	ND<10	ND<250	--	--	1.8	ND<0.50	ND<0.50	--
12/13/05	18000	--	ND<25000	--	--	--	--	--	--



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
<b>MW-6 continued</b>									
3/23/06	73000	--	ND<25000	--	--	--	--	--	--
6/23/06	35000	--	ND<6200	--	--	--	--	--	--
9/26/06	22000	--	ND<25000	--	--	--	--	--	--
12/22/06	62000	--	ND<25000	--	--	--	--	--	--
3/30/07	62000	--	ND<5000	--	--	--	--	--	--
6/28/07	71000	--	ND<12000	--	--	--	--	--	--
9/25/07	58000	--	ND<12000	--	--	--	--	--	--
<b>MW-7</b>									
6/1/97	69	--	--	--	--	--	--	--	--
7/15/97	ND	--	--	--	--	--	--	--	--
10/9/97	190	--	--	--	--	--	--	--	--
1/14/98	65	--	--	--	--	--	--	--	--
4/1/98	ND	--	--	--	--	--	--	--	--
7/15/98	74	--	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--	--
1/25/99	ND	--	--	--	--	--	--	--	--
4/15/99	ND	--	--	--	--	--	--	--	--
7/14/99	69	--	--	--	--	--	--	--	--
10/21/99	ND	--	--	--	--	--	--	--	--
1/20/00	ND	--	--	--	--	--	--	--	--
4/13/00	ND	--	--	--	--	--	--	--	--
7/14/00	68.0	--	--	--	--	--	--	--	--
7/17/01	ND	--	--	--	--	--	--	--	--
10/1/01	ND<51	--	--	--	--	--	--	--	--
1/31/02	90	--	--	--	--	--	--	--	--
4/18/02	78	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-7 continued</b>									
7/28/02	ND<50	--	--	--	--	--	--	--	--
10/9/02	ND<96	--	--	--	--	--	--	--	--
1/3/03	78	--	--	--	--	--	--	--	--
4/1/03	67	--	--	--	--	--	--	--	--
7/1/03	68	--	ND<500	--	--	--	--	--	--
10/2/03	82	--	ND<500	--	--	--	--	--	--
1/9/04	75	--	ND<500	--	--	--	--	--	--
4/26/04	ND<50	--	ND<50	--	--	--	--	--	--
7/22/04	ND<200	--	ND<1000	--	--	--	--	--	--
10/29/04	54	--	ND<50	--	--	--	--	--	--
1/10/05	ND<50	--	ND<50	--	--	--	--	--	--
6/15/05	ND<50	--	ND<50	--	--	--	--	--	--
9/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
3/23/06	ND<200	--	ND<250	--	--	--	--	--	--
6/23/06	ND<200	--	ND<250	--	--	--	--	--	--
9/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	630	--	ND<250	--	--	--	--	--	--
3/30/07	94	--	ND<250	--	--	--	--	--	--
6/28/07	ND<50	--	ND<250	--	--	--	--	--	--
9/25/07	ND<50	--	ND<250	--	--	--	--	--	--
<b>MW-8</b>									
6/1/97	320	--	--	--	--	--	--	--	--
7/15/97	ND	--	--	--	--	--	--	--	--
10/9/97	390	--	--	--	--	--	--	--	--
1/14/98	230	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-8 continued</b>									
4/1/98	510	--	--	--	--	--	--	--	--
7/15/98	140	--	--	--	--	--	--	--	--
10/16/98	170	--	--	--	--	--	--	--	--
1/25/99	ND	--	--	--	--	--	--	--	--
4/15/99	91	--	--	--	--	--	--	--	--
7/14/99	120	--	--	--	--	--	--	--	--
10/21/99	110	--	--	--	--	--	--	--	--
1/20/00	583	--	--	--	--	--	--	--	--
4/13/00	80	--	--	--	--	--	--	--	--
7/14/00	113	--	--	--	--	--	--	--	--
7/17/01	ND	--	--	--	--	--	--	--	--
10/1/01	ND<50	--	--	--	--	--	--	--	--
1/31/02	260	--	--	--	--	--	--	--	--
4/18/02	160	--	--	--	--	--	--	--	--
7/28/02	140	--	--	--	--	--	--	--	--
10/9/02	120	--	--	--	--	--	--	--	--
1/2/03	210	--	--	--	--	--	--	--	--
4/1/03	220	--	--	--	--	--	--	--	--
7/1/03	170	--	ND<500	--	--	--	--	--	--
10/2/03	350	--	ND<500	--	--	--	--	--	--
1/9/04	180	--	ND<500	--	--	--	--	--	--
4/26/04	100	--	ND<50	--	--	--	--	--	--
7/22/04	250	--	ND<1000	--	--	--	--	--	--
10/29/04	120	--	ND<50	--	--	--	--	--	--
1/10/05	140	--	ND<50	--	--	--	--	--	--
6/15/05	140	--	ND<50	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-8 continued</b>									
9/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
3/23/06	ND<200	--	ND<250	--	--	--	--	--	--
6/23/06	ND<230	--	ND<250	--	--	--	--	--	--
9/26/06	110	--	ND<250	--	--	--	--	--	--
12/22/06	100	--	ND<250	--	--	--	--	--	--
3/30/07	120	--	ND<250	--	--	--	--	--	--
6/28/07	140	--	ND<250	--	--	--	--	--	--
9/25/07	110	--	ND<250	--	--	--	--	--	--
<b>MW-9</b>									
2/21/95	71	--	--	--	--	--	--	--	--
5/18/95	ND	--	--	--	--	--	--	--	--
8/17/95	ND	--	--	--	--	--	--	--	--
7/26/96	98	--	--	--	--	--	--	--	--
10/28/96	99	--	--	--	--	--	--	--	--
1/29/97	54	--	--	--	--	--	--	--	--
4/15/97	94	--	--	--	--	--	--	--	--
7/15/97	ND	--	--	--	--	--	--	--	--
10/9/97	160	--	--	--	--	--	--	--	--
1/14/98	110	--	--	--	--	--	--	--	--
4/1/98	110	--	--	--	--	--	--	--	--
7/15/98	200	--	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--	--
1/25/99	ND	--	--	--	--	--	--	--	--
4/15/99	ND	--	--	--	--	--	--	--	--
7/14/99	140	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-9 continued</b>									
10/21/99	210	--	--	--	--	--	--	--	--
1/20/00	519	--	--	--	--	--	--	--	--
4/13/00	81	--	--	--	--	--	--	--	--
7/14/00	107	--	--	--	--	--	--	--	--
10/26/00	240	--	--	--	--	--	--	--	--
1/3/01	164	--	--	--	--	--	--	--	--
4/4/01	240	--	--	--	--	--	--	--	--
7/17/01	ND	--	--	--	--	--	--	--	--
10/1/01	ND<52	--	--	--	--	--	--	--	--
1/31/02	200	--	--	--	--	--	--	--	--
4/18/02	ND<50	--	--	--	--	--	--	--	--
7/28/02	ND<50	--	--	--	--	--	--	--	--
10/9/02	100	--	--	--	--	--	--	--	--
1/2/03	ND<50	--	--	--	--	--	--	--	--
4/1/03	56	--	--	--	--	--	--	--	--
7/1/03	ND<50	--	ND<500	--	--	--	--	--	--
10/2/03	ND<50	--	ND<500	--	--	--	--	--	--
1/9/04	91	--	ND<500	--	--	--	--	--	--
4/26/04	ND<50	--	ND<50	--	--	--	--	--	--
7/22/04	ND<200	--	ND<1000	--	--	--	--	--	--
10/29/04	76	--	ND<50	--	--	--	--	--	--
1/10/05	77	--	ND<50	--	--	--	--	--	--
6/15/05	67	--	ND<50	--	--	--	--	--	--
9/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
3/23/06	ND<200	--	ND<250	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-9 continued</b>									
6/23/06	ND<200	--	ND<250	--	--	--	--	--	--
9/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	150	--	ND<250	--	--	--	--	--	--
3/30/07	72	--	ND<250	--	--	--	--	--	--
6/28/07	1000	--	ND<250	--	--	--	--	--	--
9/25/07	100	--	ND<250	--	--	--	--	--	--
<b>MW-10</b>									
2/21/95	270	--	--	--	--	--	--	--	--
5/18/95	75	--	--	--	--	--	--	--	--
8/17/95	ND	--	--	--	--	--	--	--	--
7/26/96	ND	--	--	--	--	--	--	--	--
10/28/96	ND	--	--	--	--	--	--	--	--
1/29/97	ND	--	--	--	--	--	--	--	--
4/15/97	ND	--	--	--	--	--	--	--	--
7/15/97	ND	--	--	--	--	--	--	--	--
10/9/97	ND	--	--	--	--	--	--	--	--
4/1/98	62	--	--	--	--	--	--	--	--
7/15/98	78	--	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--	--
1/25/99	ND	--	--	--	--	--	--	--	--
4/15/99	ND	--	--	--	--	--	--	--	--
7/14/99	180	--	--	--	--	--	--	--	--
10/21/99	96	--	--	--	--	--	--	--	--
1/20/00	252	--	--	--	--	--	--	--	--
4/13/00	69	--	--	--	--	--	--	--	--
7/14/00	149	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-10 continued</b>									
10/26/00	83	--	--	--	--	--	--	--	--
1/3/01	126	--	--	--	--	--	--	--	--
4/4/01	75	--	--	--	--	--	--	--	--
7/17/01	ND	--	--	--	--	--	--	--	--
10/1/01	100	--	--	--	--	--	--	--	--
1/31/02	170	--	--	--	--	--	--	--	--
4/18/02	130	--	--	--	--	--	--	--	--
7/28/02	58	--	--	--	--	--	--	--	--
10/9/02	ND<94	--	--	--	--	--	--	--	--
1/2/03	64	--	--	--	--	--	--	--	--
4/1/03	76	--	--	--	--	--	--	--	--
7/1/03	87	--	ND<500	--	--	--	--	--	--
10/2/03	160	--	ND<500	--	--	--	--	--	--
1/9/04	74	--	ND<500	--	--	--	--	--	--
4/26/04	ND<50	--	ND<50	--	--	--	--	--	--
7/22/04	ND<200	--	ND<1000	--	--	--	--	--	--
10/29/04	ND<50	--	ND<50	--	--	--	--	--	--
1/10/05	94	--	ND<50	--	--	--	--	--	--
6/15/05	62	--	ND<50	--	--	--	--	--	--
9/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
3/23/06	ND<200	--	ND<250	--	--	--	--	--	--
6/23/06	ND<200	--	ND<250	--	--	--	--	--	--
9/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	81	--	ND<250	--	--	--	--	--	--
3/30/07	82	--	ND<250	--	--	--	--	--	--

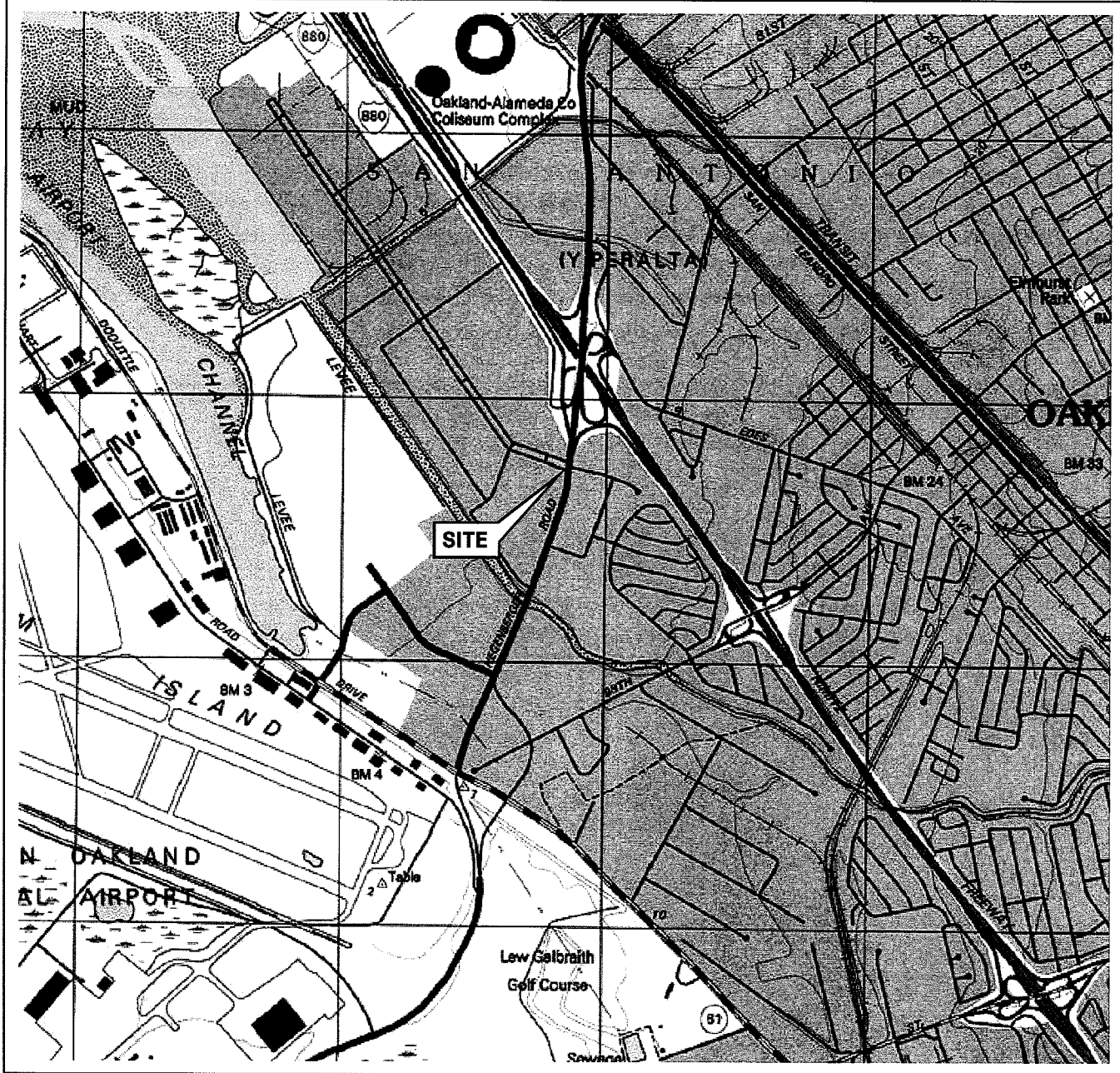
**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

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)	Total Oil and Grease (mg/l)
<b>MW-10 continued</b>									
6/28/07	57	--	ND<250	--	--	--	--	--	--
9/25/07	82	--	ND<250	--	--	--	--	--	--



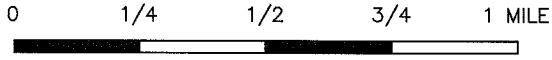
# FIGURES

PS=1:1 L:\QMS VICINITY MAP SE5043\m.DWG Jul 13, 2007 - 9:27am cwuog



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
San Leandro Quadrangle



SCALE 1:24,000






PROJECT: 125703

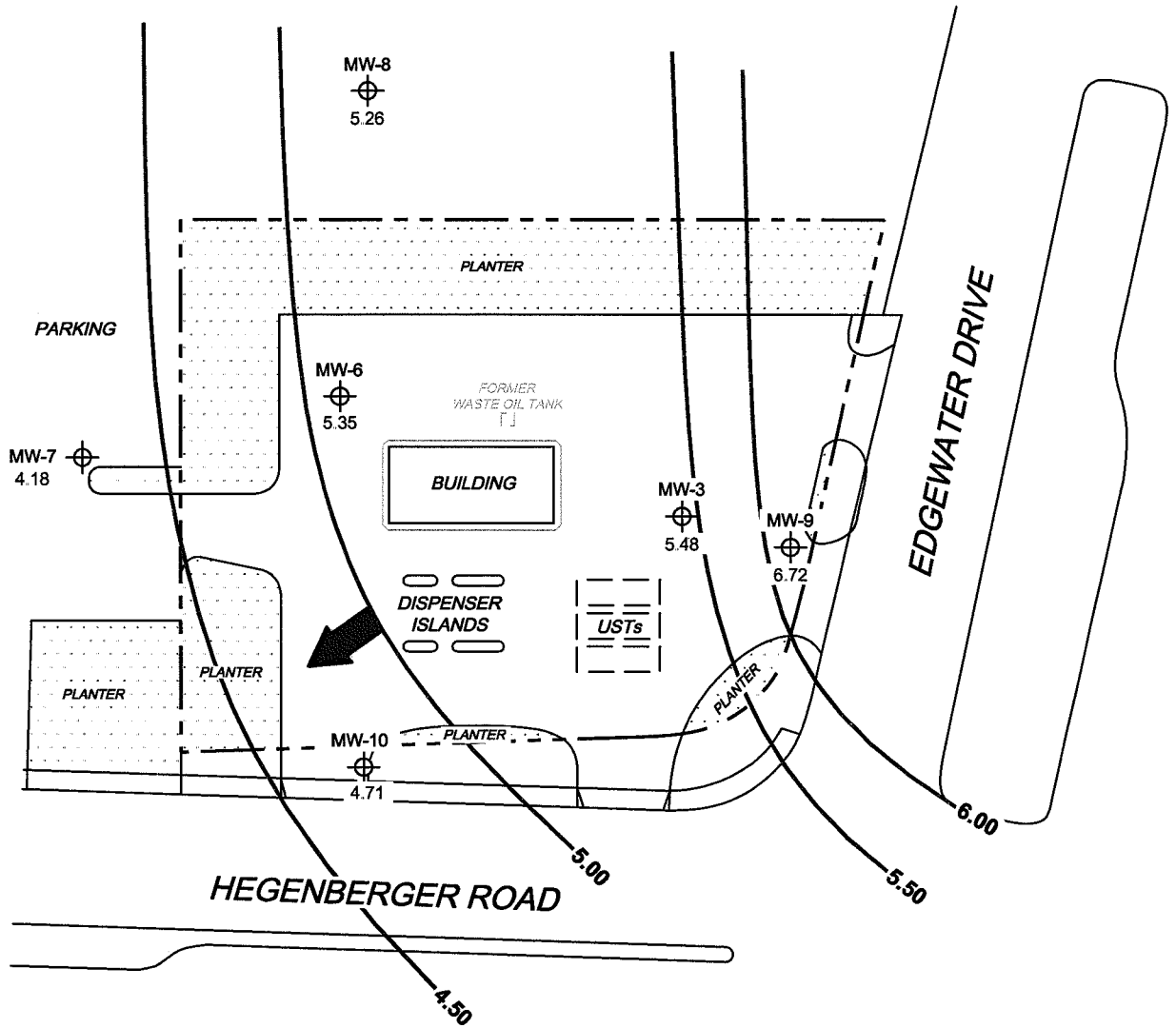
FACILITY:  
76 STATION 5043  
449 HEGENERGER ROAD  
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

**LEGEND**

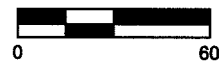
- MW-10  Monitoring Well with Groundwater Elevation (feet)
- 6.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



**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.

SCALE (FEET)



MS-1:60 5043-003 L:\Graphics\QMS NORTH-SOUTH\5043\5043\QMS(NEW).DWG Oct 13, 2007 - 7:08am aakars




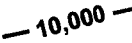
PROJECT: 125703  
 FACILITY:  
 76 STATION 5043  
 449 HEGENBERGER ROAD  
 OAKLAND, CALIFORNIA

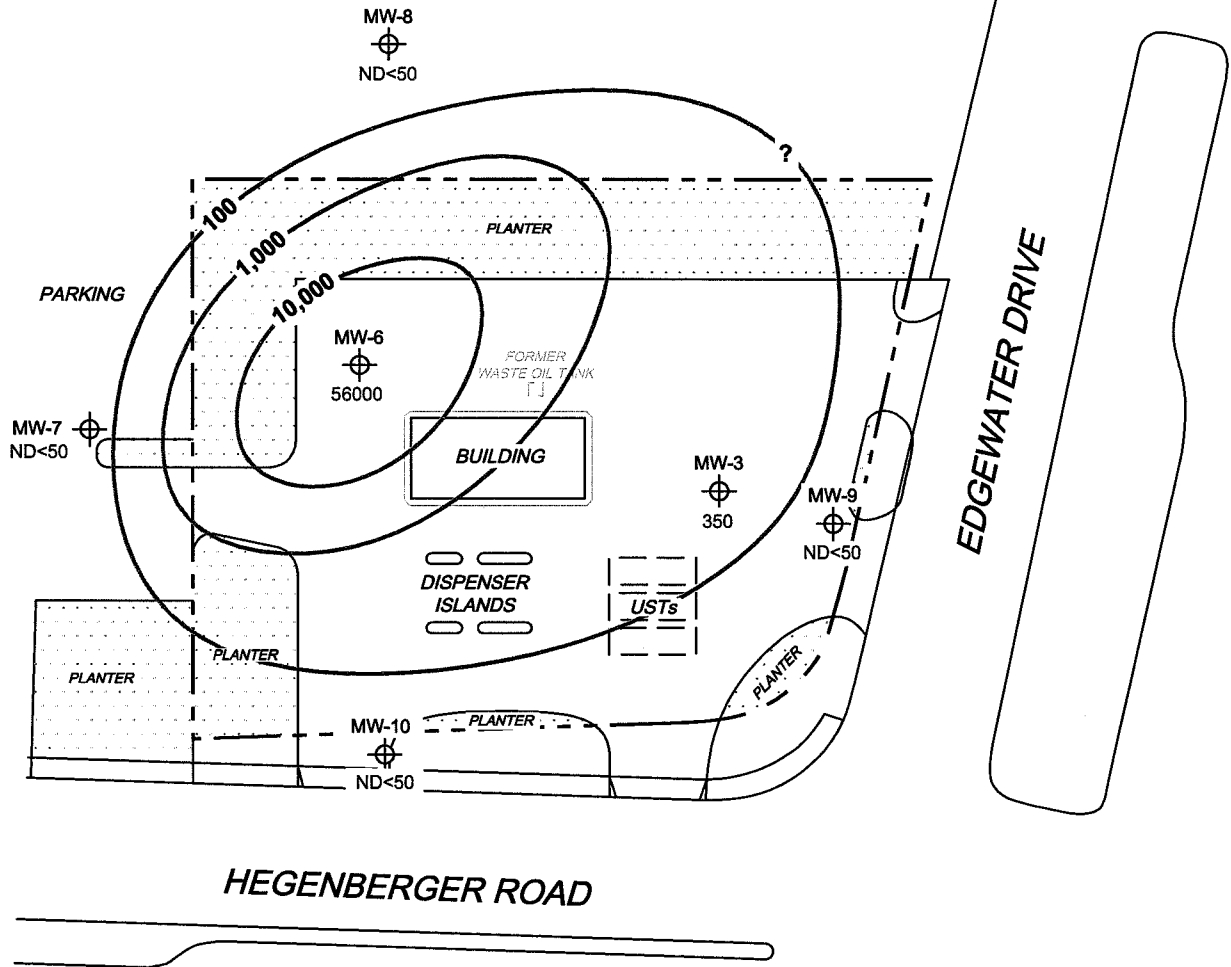
**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 September 25, 2007**

**FIGURE 2**

**LEGEND**

MW-10  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

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



**NOTES:**

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

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\K-5000\5043-5043\QMS(NEW).DWG Oct 13, 2007 - 7:12am akers

MS=1:60 5043-003





PROJECT: 125703  
 FACILITY:  
 76 STATION 5043  
 449 HEGENBERGER ROAD  
 OAKLAND, CALIFORNIA

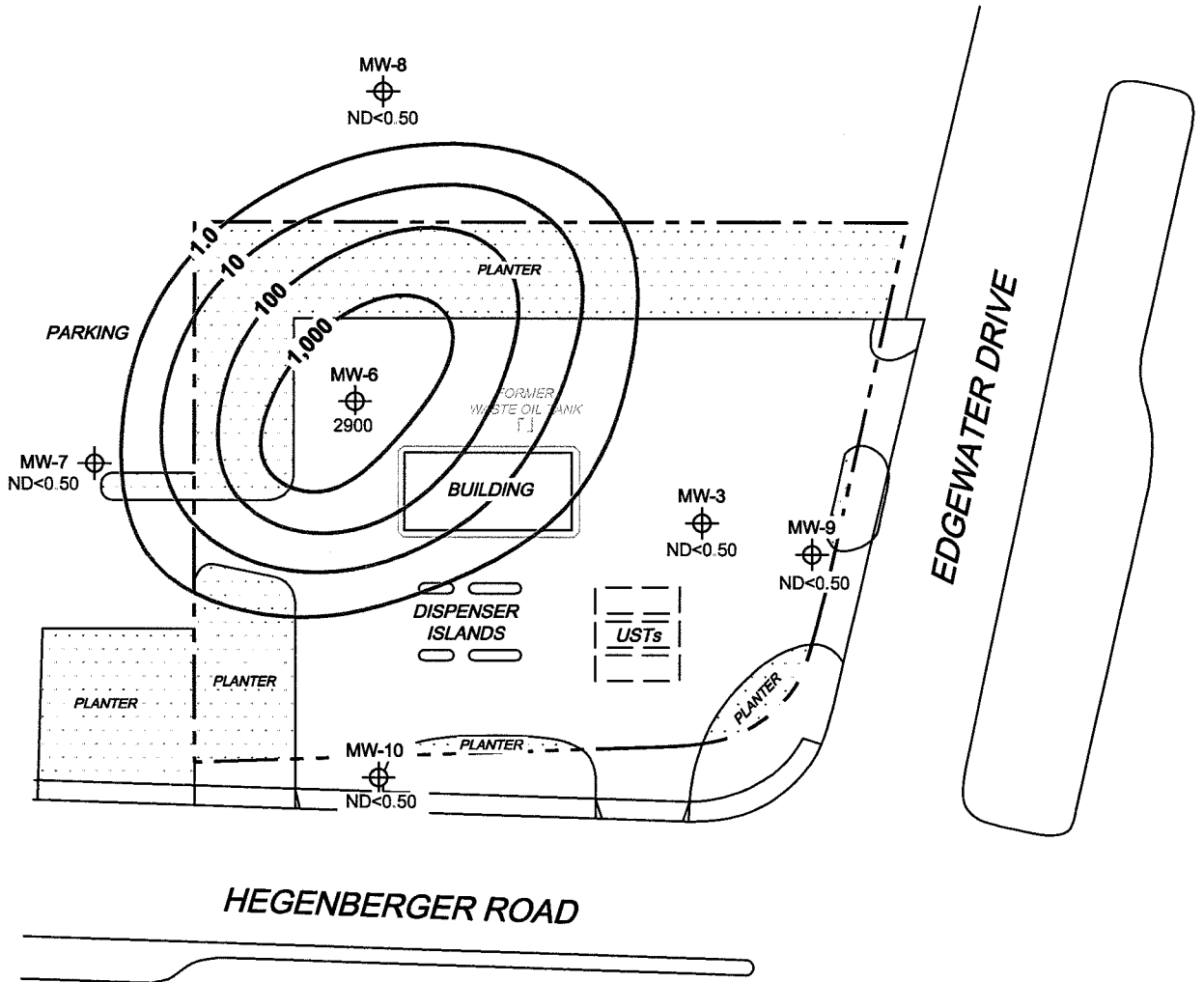
**DISSOLVED-PHASE TPH-G (GC/MS)  
 CONCENTRATION MAP  
 September 25, 2007**

**FIGURE 3**

**LEGEND**

MW-10  Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ )

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



**NOTES:**

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

SCALE (FEET)



**DISSOLVED-PHASE BENZENE  
 CONCENTRATION MAP  
 September 25, 2007**

**FIGURE 4**

L:\Graphics\QMS NORTH-SOUTH\DX-5000\5043-QMS(NEW).DWG Oct 13, 2007 - 7:16am akers

MS=1:60 5043-003

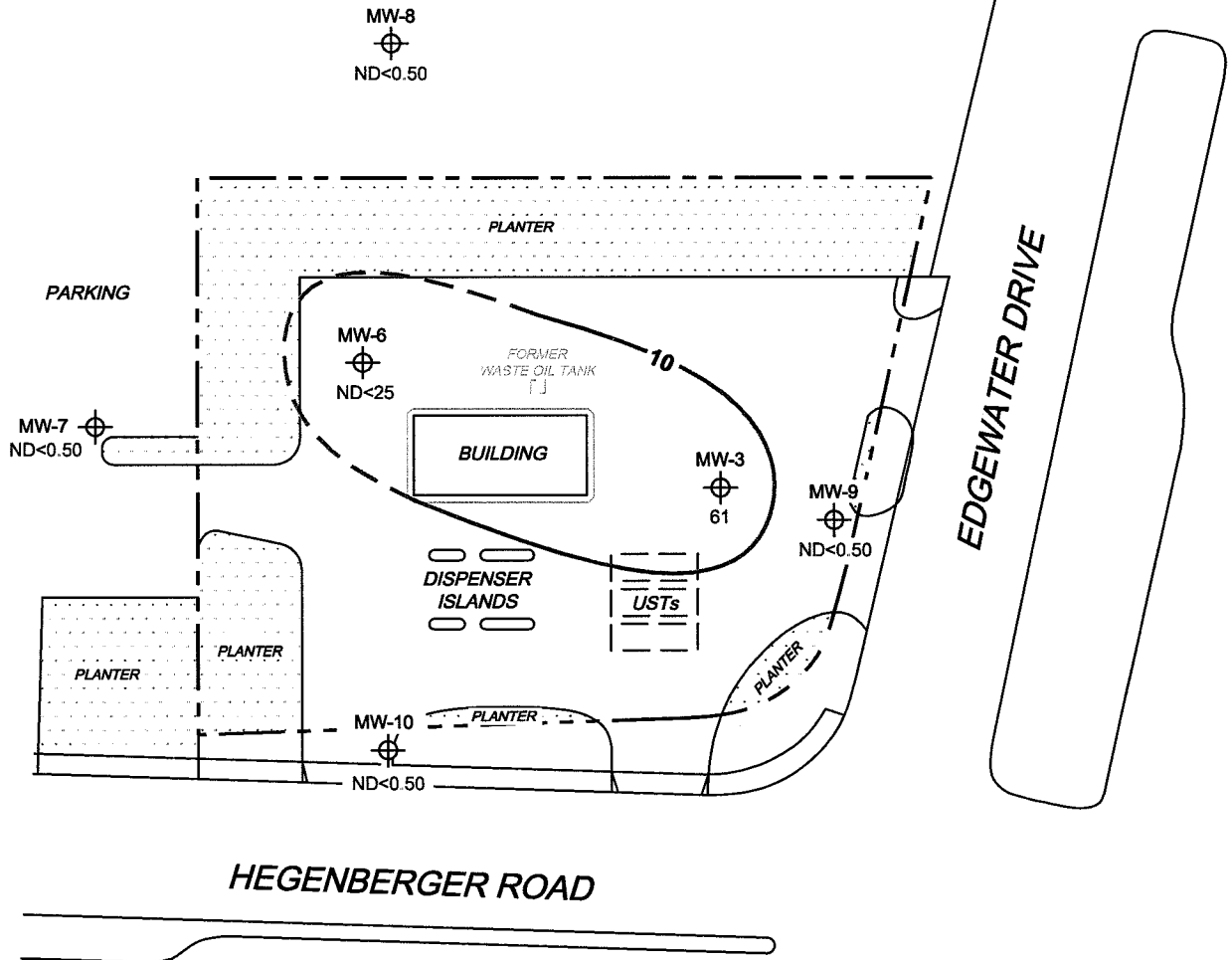


PROJECT: 125703  
 FACILITY:  
 76 STATION 5043  
 449 HEGENBERGER ROAD  
 OAKLAND, CALIFORNIA

**LEGEND**

MW-10  Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

 10 Dissolved-Phase MTBE Contour (µg/l)



**NOTES:**

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

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\5000\5043+5043QMS(NEW).DWG Oct 13, 2007 - 7:19am aakers

MS-1:60 5043-003



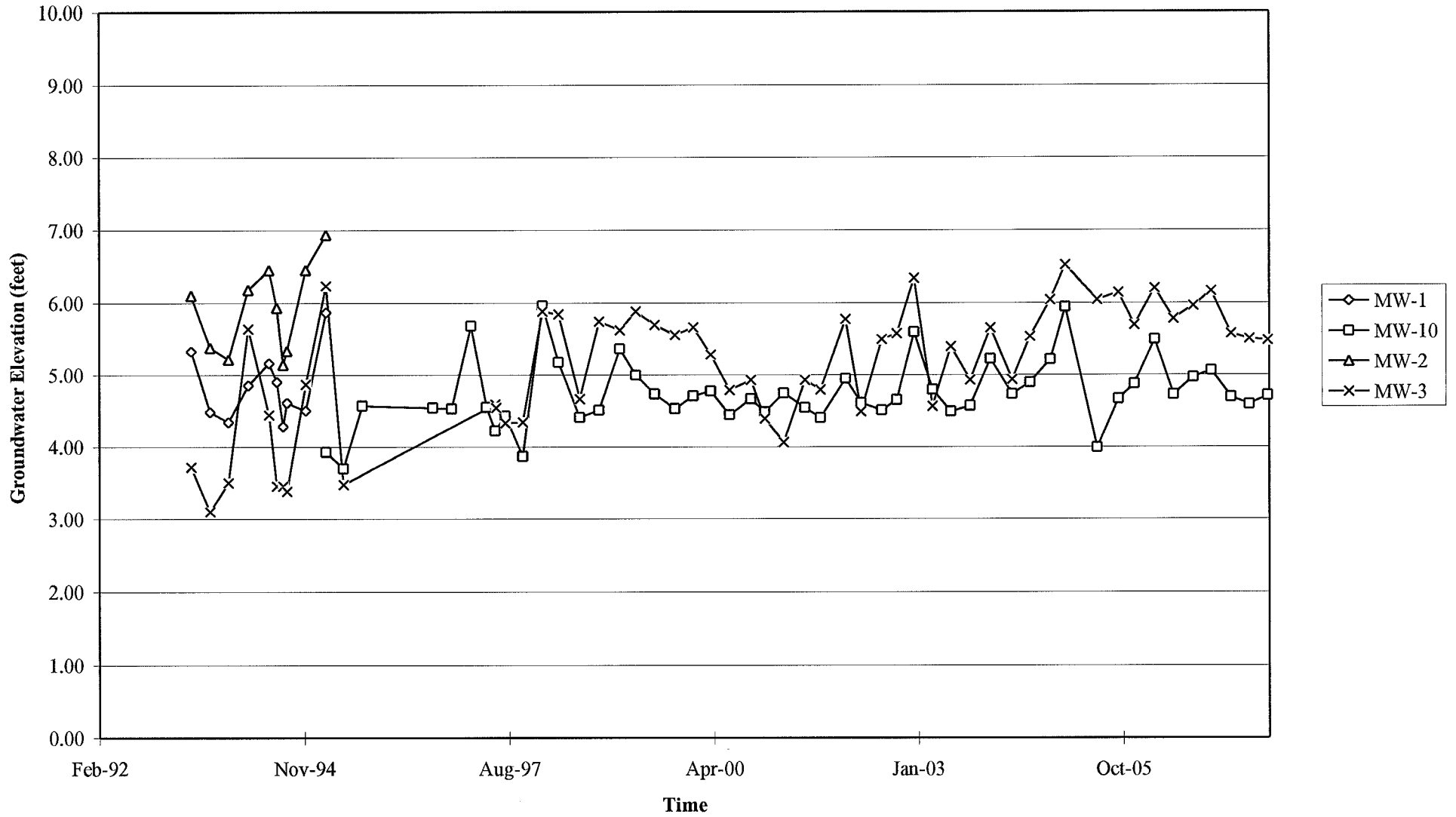
PROJECT: 125703  
 FACILITY:  
 76 STATION 5043  
 449 HEGENBERGER ROAD  
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE  
 CONCENTRATION MAP  
 September 25, 2007**

**FIGURE 5**

# GRAPHS

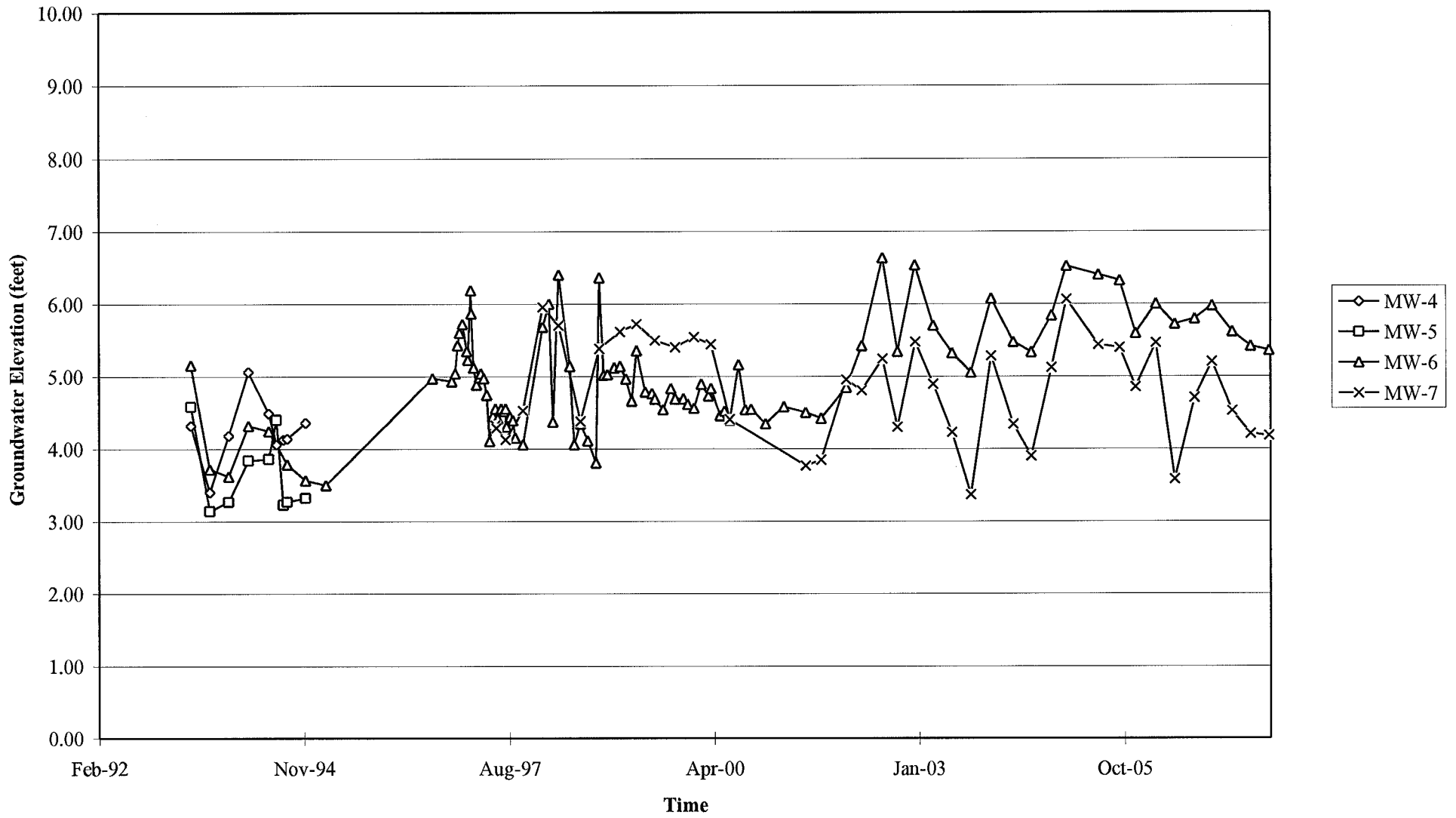
Groundwater Elevations vs. Time  
76 Station 5043



Elevations may have been corrected for apparent changes due to resurvey



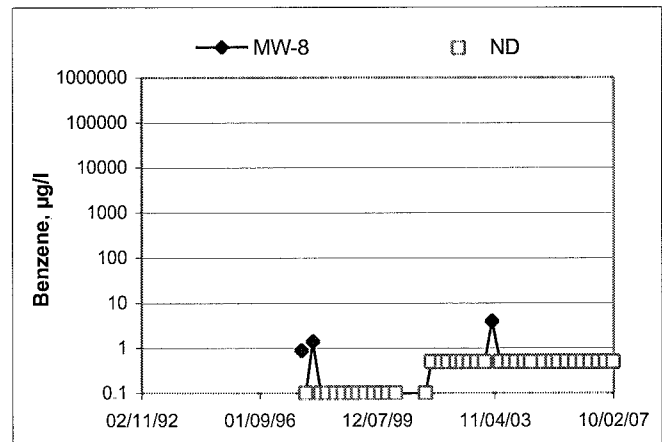
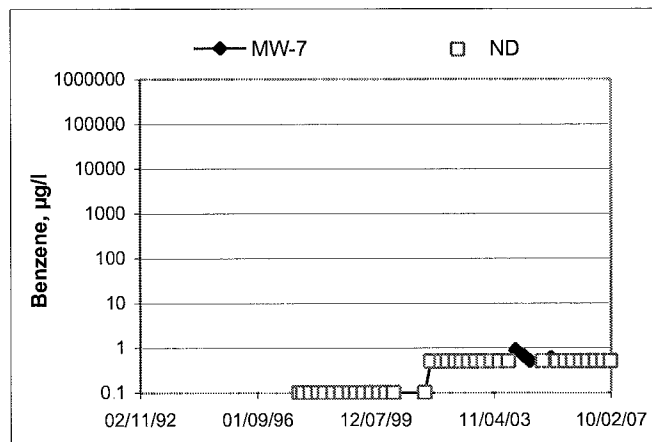
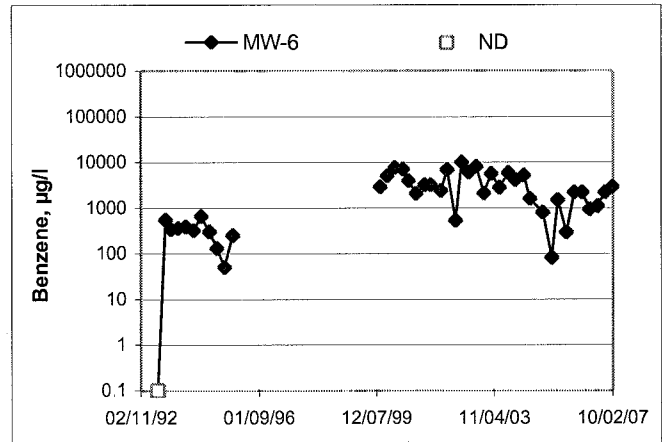
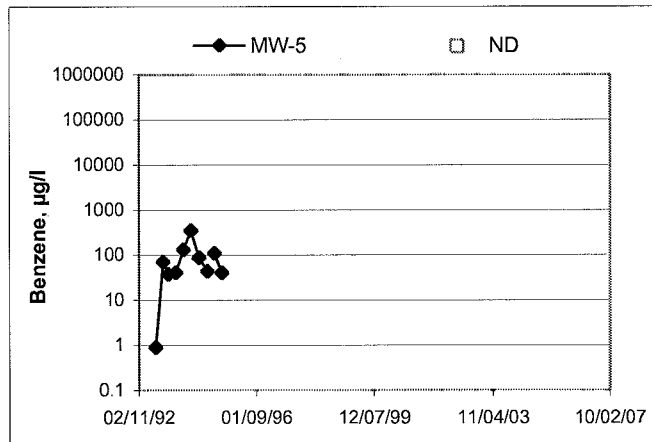
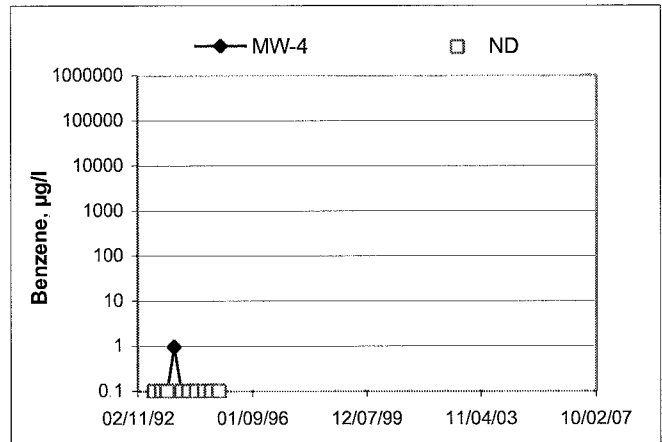
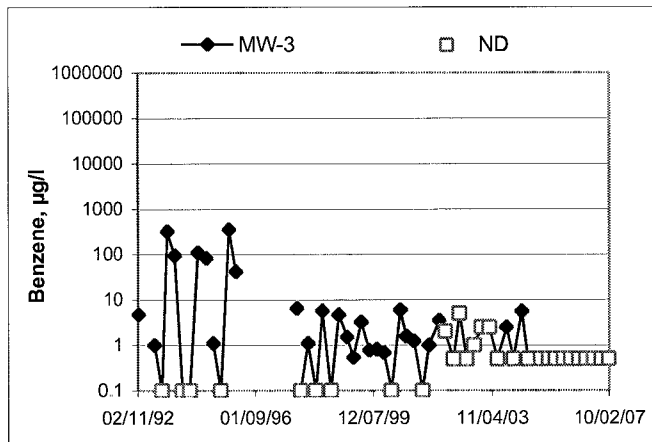
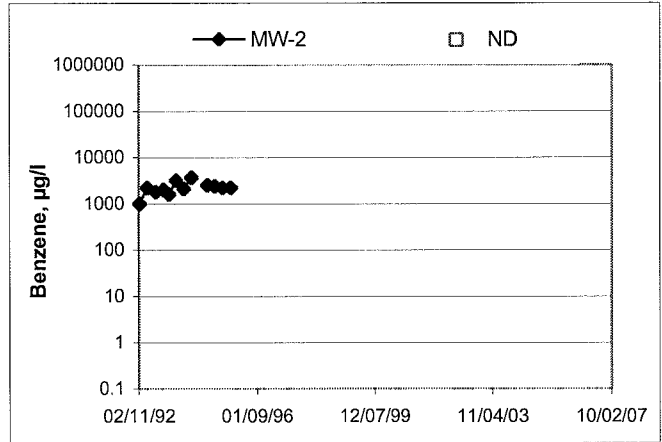
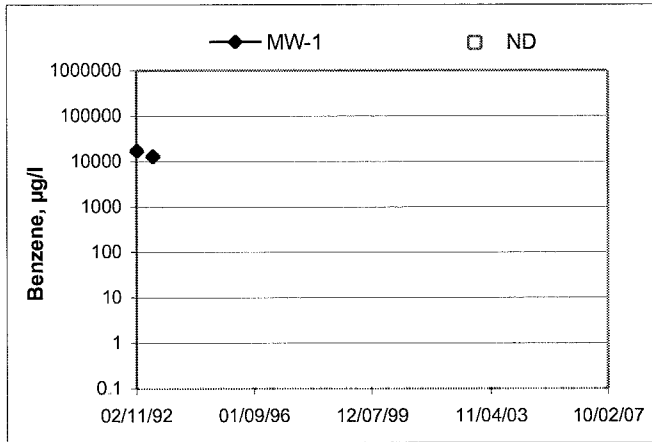
Groundwater Elevations vs. Time  
76 Station 5043



Elevations may have been corrected for apparent changes due to resurvey



### Benzene Concentrations vs Time 76 Station 5043





# 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 (surveyor's 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: J. Chidester

Site: 5043

Project No.: 125703

Date: 9/25/09

Well No. MW-10

Purge Method: 2" Sub.

Depth to Water (feet): 3.91

Depth to Product (feet): —

Total Depth (feet): 12.79

LPH & Water Recovered (gallons): —

Water Column (feet): 8.88

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.69

1 Well Volume (gallons): 1.42

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1009			1	2.30 mS	20.0	7.08			
			2	2.30 mS	21.5	7.11			
	1013		4	1.92 mS	22.1	7.22			
Static at Time Sampled			Total Gallons Purged		Sample Time				
3.82			4		1025				
Comments:									

Well No. MW-7

Purge Method: 2" Sub.

Depth to Water (feet): 4.65

Depth to Product (feet): —

Total Depth (feet): 13.15

LPH & Water Recovered (gallons): —

Water Column (feet): 8.50

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 6.35

1 Well Volume (gallons): 1.36

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1042			1	7.33 mS	22.7	7.10			
			2	2.24 mS	23.6	7.03			
	1046		4	1487	24.7	6.90			
Static at Time Sampled			Total Gallons Purged		Sample Time				
6.35			4		<del>1115</del> 1115				
Comments:									



## GROUNDWATER SAMPLING FIELD NOTES

Technician: J. Chidester

Site: 5043

Project No.: 125703

Date: 9/25/07

Well No. MW-8

Purge Method: 2" Sub.

Depth to Water (feet): 3.26

Depth to Product (feet): —

Total Depth (feet): 14.87

LPH & Water Recovered (gallons): —

Water Column (feet): 11.61

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.58

1 Well Volume (gallons): 1.86

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	D.O.	ORP	Turbidity
1124			2	8.26 mS	24.3	7.35			
			4	9.36 mS	24.0	6.87			
	1128		6	8.97 mS	24.6	6.76			
Static at Time Sampled			Total Gallons Purged			Sample Time			
3.75			6			1240			
Comments:									

Well No. MW-9

Purge Method: 2" Sub.

Depth to Water (feet): 1.57

Depth to Product (feet): —

Total Depth (feet): 12.70

LPH & Water Recovered (gallons): —

Water Column (feet): 11.13

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 3.80

1 Well Volume (gallons): 1.78

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	D.O.	ORP	Turbidity
1141			2	4.99 mS	25.6	7.50			
			4	1438	26.0	7.35			
	1146		5	1103	26.4	7.23			
Static at Time Sampled			Total Gallons Purged			Sample Time			
3.79			5			1305			
Comments:									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: J. Chidester

Site: 5043

Project No.: 125703

Date: 9/25/07

Well No. MW-3

Purge Method: 2" Sub.

Depth to Water (feet): 2.56

Depth to Product (feet): —

Total Depth (feet): 14.08

LPH & Water Recovered (gallons): —

Water Column (feet): 11.52

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 4.86

1 Well Volume (gallons): 1.84

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
1156			2	2.33mS	26.5	7.11			
			4	2.06mS	26.0	7.09			
	1202		6	2.18mS	26.8	7.04			
Static at Time Sampled			Total Gallons Purged		Sample Time				
4.86			6		1325				
Comments:									

Well No. MW-6

Purge Method: 2" Sub.

Depth to Water (feet): 3.52

Depth to Product (feet): —

Total Depth (feet): 12.82

LPH & Water Recovered (gallons): —

Water Column (feet): 9.30

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.38

1 Well Volume (gallons): 1.49

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
1212			1	3.77mS	26.6	7.67			
			2	2.51mS	26.2	7.52			
	1217		4	2.50mS	26.0	7.43			
Static at Time Sampled		Total Gallons Purged			Sample Time				
5.38		4			1340				
Comments:									



Date of Report: 10/11/2007

Anju Farfan

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

RE: 5043  
BC Work Order: 0711332

Enclosed are the results of analyses for samples received by the laboratory on 09/26/2007 21:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Molly Meyers". The signature is written in a cursive style and is positioned above a horizontal line.

Contact Person: Molly Meyers  
Client Service Rep

A handwritten signature in black ink, consisting of a stylized, abstract scribble. The signature is written above a horizontal line.

Authorized Signature

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

Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0711332-01	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-10 <b>Sampling Point:</b> MW-10 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 10:25 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0711332-02	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-7 <b>Sampling Point:</b> MW-7 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 11:15 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0711332-03	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-8 <b>Sampling Point:</b> MW-8 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 12:40 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0711332-04	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-9 <b>Sampling Point:</b> MW-9 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 13:05 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			
0711332-05	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-3 <b>Sampling Point:</b> MW-3 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 13:25 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			

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

Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0711332-06	<b>COC Number:</b> --- <b>Project Number:</b> 5043 <b>Sampling Location:</b> MW-6 <b>Sampling Point:</b> MW-6 <b>Sampled By:</b> TRCI	<b>Receive Date:</b> 09/26/2007 21:15 <b>Sampling Date:</b> 09/25/2007 13:40 <b>Sample Depth:</b> --- <b>Sample Matrix:</b> Water	<b>Delivery Work Order:</b> Global ID: T0600101476 Matrix: W Sample QC Type (SACode): CS Cooler ID:			

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

 Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0711332-01		Client Sample Name: 5043, MW-10, MW-10, 9/25/2007 10:25:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.6	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250		
Toluene-d8 (Surrogate)	96.4	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 03:22	MRR	MS-V12	1	BQJ0250		



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

Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-01		<b>Client Sample Name:</b> 5043, MW-10, MW-10, 9/25/2007 10:25:00AM											
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)	82	ug/L	50		Luft/TPHd	10/04/07	10/09/07 18:23	MRW	GC-5	1	BQJ0375	ND	
Tetracosane (Surrogate)	78.9	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/09/07 18:23	MRW	GC-5	1	BQJ0375		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0711332-02		Client Sample Name: 5043, MW-7, MW-7, 9/25/2007 11:15:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.6	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/05/07 02:58	MRR	MS-V12	1	BQJ0250		





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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-02		<b>Client Sample Name:</b> 5043, MW-7, MW-7, 9/25/2007 11:15:00AM											
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	50		Luft/TPHd	10/04/07	10/09/07 18:36	MRW	GC-5	1	BQJ0375	ND	
Tetracosane (Surrogate)	60.8	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/09/07 18:36	MRW	GC-5	1	BQJ0375		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0711332-03      **Client Sample Name:** 5043, MW-8, MW-8, 9/25/2007 12:40:00PM

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	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 00:54	KEN	MS-V12	1	BQJ0250		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-03		<b>Client Sample Name:</b> 5043, MW-8, MW-8, 9/25/2007 12:40:00PM											
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)	110	ug/L	50		Luft/TPHd	10/04/07	10/09/07 18:50	MRW	GC-5	1	BQJ0375	ND	
Tetracosane (Surrogate)	56.1	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/09/07 18:50	MRW	GC-5	1	BQJ0375		

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

 Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0711332-04												
Client Sample Name:	5043, MW-9, MW-9, 9/25/2007 1:05:00PM												
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	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.8	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250		
4-Bromofluorobenzene (Surrogate)	99.2	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:18	KEN	MS-V12	1	BQJ0250		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-04		<b>Client Sample Name:</b> 5043, MW-9, MW-9, 9/25/2007 1:05:00PM											
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)	100	ug/L	50		Luft/TPHd	10/04/07	10/09/07 19:04	MRW	GC-5	1	BQJ0375	ND	
Tetracosane (Surrogate)	86.0	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/09/07 19:04	MRW	GC-5	1	BQJ0375		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0711332-05												
Client Sample Name:	5043, MW-3, MW-3, 9/25/2007 1:25:00PM												
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	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Methyl t-butyl ether	61	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
Total Purgeable Petroleum Hydrocarbons	350	ug/L	50		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/09/07 01:42	KEN	MS-V12	1	BQJ0250		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-05		<b>Client Sample Name:</b> 5043, MW-3, MW-3, 9/25/2007 1:25:00PM											
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)	210	ug/L	50		Luft/TPHd	10/04/07	10/09/07 19:18	MRW	GC-5	1	BQJ0375	ND	
Tetracosane (Surrogate)	61.2	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/09/07 19:18	MRW	GC-5	1	BQJ0375		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0711332-06      **Client Sample Name:** 5043, MW-6, MW-6, 9/25/2007 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	2900	ug/L	25		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Ethylbenzene	2400	ug/L	25		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Methyl t-butyl ether	ND	ug/L	25		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Toluene	720	ug/L	25		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Total Xylenes	9000	ug/L	25		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Ethanol	ND	ug/L	12000		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
Total Purgeable Petroleum Hydrocarbons	56000	ug/L	2500		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	97.7	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250		
Toluene-d8 (Surrogate)	96.9	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250		
4-Bromofluorobenzene (Surrogate)	96.4	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/07	10/04/07 22:32	MRR	MS-V12	50	BQJ0250		





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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 0711332-06		<b>Client Sample Name:</b> 5043, MW-6, MW-6, 9/25/2007 1:40:00PM												
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)	58000	ug/L	5000		Luft/TPHd	10/04/07	10/10/07 12:05	MRW	GC-5	99	BQJ0375	ND	A01	
Tetracosane (Surrogate)	0	%	28 - 139 (LCL - UCL)		Luft/TPHd	10/04/07	10/10/07 12:05	MRW	GC-5	99	BQJ0375		A01,A17	

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

 Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Benzene	BQJ0250	Matrix Spike	0710826-36	0	30.000	25.000	ug/L		120		70 - 130
		Matrix Spike Duplicate	0710826-36	0	29.840	25.000	ug/L	0.8	119	20	70 - 130
Toluene	BQJ0250	Matrix Spike	0710826-36	0	26.130	25.000	ug/L		105		70 - 130
		Matrix Spike Duplicate	0710826-36	0	25.610	25.000	ug/L	2.9	102	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BQJ0250	Matrix Spike	0710826-36	ND	9.4300	10.000	ug/L		94.3		76 - 114
		Matrix Spike Duplicate	0710826-36	ND	9.8400	10.000	ug/L		98.4		76 - 114
Toluene-d8 (Surrogate)	BQJ0250	Matrix Spike	0710826-36	ND	9.8100	10.000	ug/L		98.1		88 - 110
		Matrix Spike Duplicate	0710826-36	ND	9.7200	10.000	ug/L		97.2		88 - 110
4-Bromofluorobenzene (Surrogate)	BQJ0250	Matrix Spike	0710826-36	ND	10.140	10.000	ug/L		101		86 - 115
		Matrix Spike Duplicate	0710826-36	ND	10.090	10.000	ug/L		101		86 - 115



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

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

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BQJ0375	Matrix Spike	0708364-73	0	342.29	500.00	ug/L		68.5		36 - 130
		Matrix Spike Duplicate	0708364-73	0	387.74	500.00	ug/L	12.3	77.5	30	36 - 130
Tetracosane (Surrogate)	BQJ0375	Matrix Spike	0708364-73	ND	9.3780	20.000	ug/L		46.9		28 - 139
		Matrix Spike Duplicate	0708364-73	ND	13.273	20.000	ug/L		66.4		28 - 139



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## 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	BQJ0250	BQJ0250-BS1	LCS	31.600	25.000	0.50	ug/L	126		70 - 130		
Toluene	BQJ0250	BQJ0250-BS1	LCS	27.070	25.000	0.50	ug/L	108		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQJ0250	BQJ0250-BS1	LCS	9.9700	10.000		ug/L	99.7		76 - 114		
Toluene-d8 (Surrogate)	BQJ0250	BQJ0250-BS1	LCS	9.8500	10.000		ug/L	98.5		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQJ0250	BQJ0250-BS1	LCS	10.170	10.000		ug/L	102		86 - 115		



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

Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## 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)	BQJ0375	BQJ0375-BS1	LCS	385.37	500.00	50	ug/L	77.1		48 - 125		
Tetracosane (Surrogate)	BQJ0375	BQJ0375-BS1	LCS	11.971	20.000		ug/L	59.9		28 - 139		

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

 Project: 5043  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## 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	BQJ0250	BQJ0250-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQJ0250	BQJ0250-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQJ0250	BQJ0250-BLK1	ND	ug/L	0.50		
Toluene	BQJ0250	BQJ0250-BLK1	ND	ug/L	0.50		
Total Xylenes	BQJ0250	BQJ0250-BLK1	ND	ug/L	0.50		
Ethanol	BQJ0250	BQJ0250-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BQJ0250	BQJ0250-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQJ0250	BQJ0250-BLK1	92.7	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQJ0250	BQJ0250-BLK1	98.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQJ0250	BQJ0250-BLK1	99.6	%	86 - 115 (LCL - UCL)		



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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

## 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)	BQJ0375	BQJ0375-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BQJ0375	BQJ0375-BLK1	64.9	%	28 - 139 (LCL - UCL)		

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

Project: 5043  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 10/11/2007 11:34

### Notes And Definitions

MDL        Method Detection Limit  
ND        Analyte Not Detected at or above the reporting limit  
PQL        Practical Quantitation Limit  
RPD        Relative Percent Difference  
A01        PQL's and MDL's are raised due to sample dilution.  
A17        Surrogate not reportable due to sample dilution.



Submission #: 01-11332

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:                     

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

COC Received  
 YES  NO

Ice Chest ID R/W  
Temperature: 5.9 °C  
Thermometer ID: #41P

Emissivity 0.95  
Container OTA

Date/Time 9/26/07  
Analyst Init OTO

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B,C	B,C	B,C	B,C	B,C	B,C				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:                       
Sample Numbering Completed By: OTO Date/Time: 9/27/07 1830

CHK BY  DISTRIBUTION   
 SUB-OUT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

07-11332

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/ <del>8021B</del> 8260B	ETHANOL by 8260B	TPH -G by GC/MS	Turnaround Time Requested
Address:		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City:		4-digit site#: 5043 Workorder #01347-4507923510										
State: CA	Zip:	Project #: 125703 - 00FA20										
Conoco Phillips Mgr: Bill Borgh		Sampler Name: J. Chidester										
Lab#	Sample Description	Field Point Name	Date & Time Sampled									
	-1	MW-10	9/25/07 1025	GW		X	X	X	X			STD
	-2	MW-7	1115									
	-3	MW-8	1240									
	-4	MW-9	1305									
	-5	MW-3	1325									
	-6	MW-6	1340									

Comments: 3 VOA's w/ HCl & 2 L Ambers NP per well  GLOBAL ID: T0600101476	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time 9/26/07 1430
	Relinquished by: (Signature) <i>[Signature]</i> 9/26/07	Received by: <i>[Signature]</i>	Date & Time 9-26-07 1820
	Relinquished by: (Signature) <i>[Signature]</i> 9-26-07 2115	Received by: <i>[Signature]</i>	Date & Time 9-26-07 2115

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

### **Limitations**

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