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Alameda County  
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DATE: April 16, 2008

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 3135  
845 66<sup>th</sup> AVENUE  
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT  
OCTOBER 2007 THROUGH MARCH 2008

Dear Mr. Borgh:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 3135, located at 845 66<sup>th</sup> Avenue, 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. Daniel Davis, Delta Consultants (2 copies)

Enclosures  
20-0400/3135R09.QMS

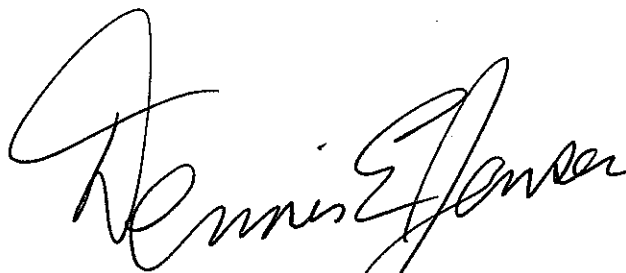
**SEMI-ANNUAL MONITORING REPORT  
OCTOBER 2007 THROUGH MARCH 2008**

76 STATION 3135  
845 66<sup>th</sup> Avenue  
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 4/15/08



## LIST OF ATTACHMENTS

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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) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet - 03/24/08 Groundwater Sampling Field Notes - 03/24/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**October 2007 through March 2008**  
**76 Station 3135**  
**845 66th Avenue**  
**Oakland, CA**

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

Water Sampling Contractor: **TRC**  
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **03/24/08**

**Sample Points**

Groundwater wells: **7** onsite, **4** offsite      Points gauged: **11**      Points sampled: **11**  
Purging method: **Diaphragm pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

**Liquid Phase Hydrocarbons (LPH)**

Sample Points 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: **4.92 feet**      Maximum: **6.61 feet**  
Average groundwater elevation (relative to available local datum): **-1.69 feet**  
Average change in groundwater elevation since previous event: **1.25 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.01 ft/ft, east**  
    Previous event: **0.003 ft/ft, north (09/26/07)**

**Selected Laboratory Results**

Sample Points with detected **Benzene**: **2**      Sample Points above MCL (1.0 µg/l): **2**  
    Maximum reported benzene concentration: **9.8 µg/l (MW-6)**  
Sample Points with **TPH-G by GC/MS** **3**      Maximum: **3,400 µg/l (MW-6)**  
Sample Points with **MTBE 8260B** **7**      Maximum: **35 µg/l (MW-2)**

**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 3135 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 3135

### 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
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Table 1a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Iron Ferrous	Nitrate	Sulfate	Pre-purge Dissolved Oxygen	Pre-purge ORP
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### 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
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Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Iron Ferrous	Nitrate	Sulfate	Redox Potential (ORP-Lab)	Pre-purge Dissolved Oxygen	Pre-purge ORP
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**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**March 24, 2008**  
**76 Station 3135**

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-1</b>														
03/24/08	4.96	6.61	0.00	-1.65	1.33	--	250	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
<b>MW-2</b>														
03/24/08	3.56	5.31	0.00	-1.75	1.21	--	1600	1.5	ND<0.50	56	35	--	35	
<b>MW-3</b>														
03/24/08	3.12	5.30	0.00	-2.18	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
<b>MW-4</b>														
03/24/08	5.01	5.47	0.00	-0.46	2.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-5</b>														
03/24/08	4.31	5.94	0.00	-1.63	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.63	
<b>MW-6</b>														
03/24/08	4.05	5.91	0.00	-1.86	1.22	--	3400	9.8	0.99	160	370	--	23	
<b>MW-7</b>														
03/24/08	4.45	4.92	0.00	-0.47	2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-8</b>														
03/24/08	4.43	6.49	0.00	-2.06	1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.53	
<b>MW-9</b>														
03/24/08	4.60	6.21	0.00	-1.61	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-10</b>														
03/24/08	2.69	4.99	0.00	-2.30	0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
<b>MW-11</b>														
03/24/08	2.63	5.23	0.00	-2.60	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	



**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-1</b> 03/24/08	--	--	ND<250	--	--	--	--	--	2800	ND<0.10	24	.44	110
<b>MW-2</b> 03/24/08	--	--	ND<250	--	--	--	--	--	20000	ND<0.10	27	.41	12
<b>MW-3</b> 03/24/08	--	--	ND<250	--	--	--	--	--	7400	ND<0.10	76	.59	25
<b>MW-4</b> 03/24/08	--	--	ND<250	--	--	--	--	--	160	6.9	42	.72	32
<b>MW-5</b> 03/24/08	--	--	ND<250	--	--	--	--	--	2800	0.45	43	0.54	80
<b>MW-6</b> 03/24/08	--	--	ND<250	--	--	--	--	--	2500	ND<0.10	36	1.32	84
<b>MW-7</b> 03/24/08	--	--	ND<250	--	--	--	--	--	2200	0.21	36	1.01	117
<b>MW-8</b> 03/24/08	--	--	ND<250	--	--	--	--	--	160	ND<0.10	47	.71	121
<b>MW-9</b> 03/24/08	--	--	ND<250	--	--	--	--	--	170	7.8	27	0.80	60
<b>MW-10</b> 03/24/08	--	--	ND<250	--	--	--	--	--	830	ND<0.10	37	1.03	77
<b>MW-11</b> 03/24/08	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	1.13	152

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-1</b>														
05/11/90	--	--	0.00	--	--	22000	--	590	42	1200	3600	--	--	
08/28/90	--	--	0.00	--	--	1700	--	140	1.4	180	150	--	--	
11/26/90	--	--	0.00	--	--	2900	--	160	2.3	330	320	--	--	
02/21/91	--	--	0.00	--	--	26000	--	280	39	1200	1900	--	--	
08/05/91	--	--	0.00	--	--	1200	--	95	6.2	230	80	--	--	
11/05/91	--	--	0.00	--	--	4900	--	80	ND	150	160	--	--	
02/07/92	--	--	0.00	--	--	220	--	2.1	ND	10	16	--	--	
05/05/92	--	--	0.00	--	--	310	--	5.7	ND	7.1	15	--	--	
08/03/92	--	--	0.00	--	--	980	--	22	0.69	77	82	--	--	
11/03/92	--	--	0.00	--	--	1100	--	28	ND	80	78	--	--	
02/03/93	--	--	0.00	--	--	94	--	ND	ND	1.4	1.6	--	--	
03/01/93	5.18	7.30	0.00	-2.12	--	--	--	--	--	--	--	--	--	
04/01/93	5.18	7.12	0.00	-1.94	0.18	--	--	--	--	--	--	--	--	
05/17/93	5.18	8.25	0.00	-3.07	-1.13	960	--	39	ND	57	60	--	--	
06/15/93	5.18	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
07/14/93	5.18	9.48	0.00	-4.30	--	--	--	--	--	--	--	--	--	
08/13/93	5.18	10.00	0.00	-4.82	-0.52	860	--	3.5	ND	17	20	--	--	
09/13/93	5.18	10.40	0.00	-5.22	-0.40	--	--	--	--	--	--	--	--	
10/14/93	5.18	10.73	0.00	-5.55	-0.33	--	--	--	--	--	--	--	--	
11/11/93	4.99	10.80	0.00	-5.81	-0.26	930	--	7.3	ND	25	19	--	--	
12/14/93	4.99	9.50	0.00	-4.51	1.30	--	--	--	--	--	--	--	--	
01/10/94	4.99	9.80	0.00	-4.81	-0.30	--	--	--	--	--	--	--	--	
02/10/94	4.99	8.58	0.00	-3.59	1.22	170	--	0.9	2.3	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-1 continued</b>														
03/14/94	4.99	7.73	0.00	-2.74	0.85	--	--	--	--	--	--	--	--	
04/23/94	4.99	8.28	0.00	-3.29	-0.55	--	--	--	--	--	--	--	--	
05/05/94	4.99	8.11	0.00	-3.12	0.17	96	--	ND	ND	ND	ND	--	--	
06/07/94	4.99	8.09	0.00	-3.10	0.02	--	--	--	--	--	--	--	--	
07/05/94	4.99	8.43	0.00	-3.44	-0.34	--	--	--	--	--	--	--	--	
08/02/94	4.99	8.76	0.00	-3.77	-0.33	700	--	13	0.62	2	3.6	--	--	
11/07/94	4.99	8.26	0.00	-3.27	0.50	890	--	16	ND	31	21	--	--	
12/03/94	4.99	6.59	0.00	-1.60	1.67	--	--	--	--	--	--	--	--	
01/10/95	4.99	6.12	0.00	-1.13	0.47	--	--	--	--	--	--	--	--	
02/01/95	4.99	6.04	0.00	-1.05	0.08	120	--	1.7	ND	ND	ND	--	--	
03/03/95	4.99	6.73	0.00	-1.74	-0.69	--	--	--	--	--	--	--	--	
05/02/95	4.99	6.57	0.00	-1.58	0.16	460	--	14	ND	14	13	--	--	
08/01/95	4.99	7.70	0.00	-2.71	-1.13	190	--	4	ND	3.7	2.4	--	--	
11/01/95	4.99	9.08	0.00	-4.09	-1.38	160	--	2.5	ND	0.82	0.57	280	--	
02/01/96	4.99	6.22	0.00	-1.23	2.86	240	--	8.7	2	ND	0.66	250	--	
02/04/97	4.99	8.48	0.00	-3.49	-2.26	120	--	0.58	ND	ND	ND	150	--	
02/05/98	4.99	5.50	0.00	-0.51	2.98	130	--	1.3	ND	2.7	11	220	--	
02/04/99	4.99	6.58	0.00	-1.59	-1.08	1600	--	74	16	ND	ND	680	850	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.99	6.69	0.00	-1.70	--	174	--	5.70	1.41	ND	ND	839	787	
03/05/01	4.99	6.58	0.00	-1.59	0.11	510	--	12.7	0.875	2.57	ND	572	585	
08/10/01	4.99	7.31	0.00	-2.32	-0.73	--	--	--	--	--	--	--	--	
02/22/02	4.96	6.25	0.00	-1.29	1.03	910	--	2	ND<1.0	2.3	ND<1.0	410	500	
03/10/03	4.96	6.89	0.00	-1.93	-0.64	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	480	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-1 continued</b>														
02/05/04	4.96	6.40	0.00	-1.44	0.49	--	600	ND<0.50	ND<0.50	ND<0.50	2.7	--	36	
08/26/04	4.96	7.60	0.00	-2.64	-1.20	--	290	ND<0.5	ND<0.5	ND<0.5	ND<1	--	4.6	
02/14/05	4.96	6.53	0.00	-1.57	1.07	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	26	
09/27/05	4.96	7.93	0.00	-2.97	-1.40	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
03/27/06	4.96	5.41	0.00	-0.45	2.52	--	460	ND<0.50	ND<0.50	0.91	ND<1.0	--	4.7	
09/20/06	4.96	7.70	0.00	-2.74	-2.29	--	220	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.8	
03/20/07	4.96	6.45	0.00	-1.49	1.25	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.6	
09/26/07	4.96	7.94	0.00	-2.98	-1.49	--	69	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.1	
03/24/08	4.96	6.61	0.00	-1.65	1.33	--	250	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
<b>MW-2</b>														
05/11/90	--	--	0.00	--	--	65000	--	3300	3300	4100	12000	--	--	
08/28/90	--	--	0.00	--	--	27000	--	2600	1300	1900	3000	--	--	
11/26/90	--	--	0.00	--	--	15000	--	1600	450	1100	2100	--	--	
02/21/91	--	--	0.00	--	--	3400	--	160	61	200	490	--	--	
08/05/91	--	--	0.00	--	--	33000	--	2900	190	3400	7900	--	--	
11/05/91	--	--	0.00	--	--	110000	--	4200	200	3400	8600	--	--	
02/07/92	--	--	0.00	--	--	11000	--	1400	30	1900	1400	--	--	
05/05/92	--	--	0.00	--	--	26000	--	2300	110	2700	6900	--	--	
08/03/92	--	--	0.00	--	--	37000	--	4500	480	3300	9700	--	--	
11/03/92	--	--	0.00	--	--	40000	--	5600	130	3000	6100	--	--	
02/03/93	--	--	0.00	--	--	9300	--	780	68	830	1200	--	--	
03/01/93	3.83	5.92	0.00	-2.09	--	--	--	--	--	--	--	--	--	
04/01/93	3.83	5.76	0.00	-1.93	0.16	--	--	--	--	--	--	--	--	
05/17/93	3.83	7.08	0.00	-3.25	-1.32	46000	--	4400	510	2900	9900	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-2 continued</b>														
06/15/93	3.83	7.02	0.00	-3.19	0.06	--	--	--	--	--	--	--	--	
07/14/93	3.83	8.13	0.00	-4.30	-1.11	--	--	--	--	--	--	--	--	
08/13/93	3.83	8.64	0.00	-4.81	-0.51	44000	--	5100	600	2900	8500	--	--	
09/13/93	3.83	9.00	0.00	-5.17	-0.36	--	--	--	--	--	--	--	--	
10/14/93	3.83	9.03	0.00	-5.20	-0.03	--	--	--	--	--	--	--	--	
11/11/93	3.57	9.22	0.00	-5.65	-0.45	36000	--	4800	970	3000	8100	--	--	
12/14/93	3.57	8.05	0.00	-4.48	1.17	--	--	--	--	--	--	--	--	
01/10/94	3.57	8.29	0.00	-4.72	-0.24	--	--	--	--	--	--	--	--	
02/10/94	3.57	6.93	0.00	-3.36	1.36	12000	--	1000	17	880	940	--	--	
03/14/94	3.57	6.41	0.00	-2.84	0.52	--	--	--	--	--	--	--	--	
04/23/94	3.57	6.66	0.00	-3.09	-0.25	--	--	--	--	--	--	--	--	
05/05/94	3.57	6.38	0.00	-2.81	0.28	36000	--	3200	670	2700	9600	--	--	
06/07/94	3.57	6.33	0.00	-2.76	0.05	--	--	--	--	--	--	--	--	
07/05/94	3.57	6.52	0.00	-2.95	-0.19	--	--	--	--	--	--	--	--	
08/02/94	3.57	6.75	0.00	-3.18	-0.23	32000	--	2400	2200	2900	12000	--	--	
11/07/94	3.57	6.04	0.00	-2.47	0.71	49000	--	1700	2000	3000	10000	--	--	
12/03/94	3.57	4.95	0.00	-1.38	1.09	--	--	--	--	--	--	--	--	
01/10/95	3.57	4.59	0.00	-1.02	0.36	--	--	--	--	--	--	--	--	
02/01/95	3.57	4.54	0.00	-0.97	0.05	9300	--	300	210	630	2600	--	--	
03/03/95	3.57	5.17	0.00	-1.60	-0.63	--	--	--	--	--	--	--	--	
05/02/95	3.57	5.03	0.00	-1.46	0.14	5600	--	150	ND	150	180	--	--	
08/01/95	3.57	6.16	0.00	-2.59	-1.13	13000	--	700	140	1400	5500	--	--	
11/01/95	3.57	7.30	0.00	-3.73	-1.14	18000	--	490	110	1300	4600	190	--	
02/01/96	3.57	4.57	0.00	-1.00	2.73	22000	--	470	77	1400	5900	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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>														
02/04/97	3.57	7.10	0.00	-3.53	-2.53	100	--	ND	0.89	ND	ND	81	--	
02/05/98	3.57	4.12	0.00	-0.55	2.98	330	--	2.6	2.6	17	58	5.5	--	
08/28/98	3.57	6.26	0.00	-2.69	-2.14	--	--	--	--	--	--	--	--	
02/04/99	3.57	5.01	0.00	-1.44	1.25	ND	--	ND	0.54	0.6	1.5	19	16	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	3.57	5.35	0.00	-1.78	--	ND	--	ND	ND	ND	ND	163	150	
03/05/01	3.57	5.26	0.00	-1.69	0.09	658	--	5.53	ND	70	152	108	--	
08/10/01	3.57	6.03	0.00	-2.46	-0.77	--	--	--	--	--	--	--	--	
02/22/02	3.56	4.81	0.00	-1.25	1.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	16	18	
03/10/03	3.56	6.72	0.00	-3.16	-1.91	--	430	2.8	ND<0.50	48	76	--	68	
02/05/04	3.56	4.65	0.00	-1.09	2.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
08/26/04	3.56	5.86	0.00	-2.30	-1.21	--	210	ND<0.5	ND<0.5	0.62	1.1	--	1.7	
02/14/05	3.56	5.39	0.00	-1.83	0.47	--	290	ND<0.50	ND<0.50	1.8	1.9	--	5.7	
09/27/05	3.56	6.53	0.00	-2.97	-1.14	--	580	0.91	ND<0.50	16	21	--	45	
03/27/06	3.56	5.25	0.00	-1.69	1.28	--	1800	4.3	ND<0.50	81	84	--	32	
09/20/06	3.56	6.39	0.00	-2.83	-1.14	--	520	ND<0.50	ND<0.50	2.8	1.9	--	32	
03/20/07	3.56	5.17	0.00	-1.61	1.22	--	2100	2.2	ND<0.50	62	52	--	31	
09/26/07	3.56	6.52	0.00	-2.96	-1.35	--	790	2.3	ND<0.50	49	47	--	25	
03/24/08	3.56	5.31	0.00	-1.75	1.21	--	1600	1.5	ND<0.50	56	35	--	35	
<b>MW-3</b>														
05/11/90	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
08/28/90	--	--	0.00	--	--	ND	--	ND	ND	ND	0.7	--	--	
11/26/90	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/21/91	--	--	0.00	--	--	ND	--	ND	ND	ND	0.64	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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>														
08/05/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/05/91	--	--	0.00	--	--	31	--	ND	ND	ND	0.65	--	--	
02/07/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
05/05/92	--	--	0.00	--	--	ND	--	ND	ND	0.43	1.8	--	--	
08/03/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/03/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/03/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	3.30	4.84	0.00	-1.54	--	--	--	--	--	--	--	--	--	
04/01/93	3.30	4.60	0.00	-1.30	0.24	--	--	--	--	--	--	--	--	
05/17/93	3.30	5.47	0.00	-2.17	-0.87	ND	--	ND	ND	ND	ND	--	--	
06/15/93	3.30	5.57	0.00	-2.27	-0.10	--	--	--	--	--	--	--	--	
07/14/93	3.30	6.92	0.00	-3.62	-1.35	--	--	--	--	--	--	--	--	
08/13/93	3.30	7.85	0.00	-4.55	-0.93	ND	--	ND	ND	ND	ND	--	--	
09/13/93	3.30	8.42	0.00	-5.12	-0.57	--	--	--	--	--	--	--	--	
10/14/93	3.30	8.90	0.00	-5.60	-0.48	--	--	--	--	--	--	--	--	
11/11/93	3.12	8.92	0.00	-5.80	-0.20	ND	--	ND	ND	ND	ND	--	--	
12/14/93	3.12	7.36	0.00	-4.24	1.56	--	--	--	--	--	--	--	--	
01/10/94	3.12	7.54	0.00	-4.42	-0.18	--	--	--	--	--	--	--	--	
02/10/94	3.12	6.23	0.00	-3.11	1.31	ND	--	ND	ND	ND	0.84	--	--	
03/14/94	3.12	5.56	0.00	-2.44	0.67	--	--	--	--	--	--	--	--	
04/23/94	3.12	7.72	0.00	-4.60	-2.16	--	--	--	--	--	--	--	--	
05/05/94	3.12	5.50	0.00	-2.38	2.22	62	--	ND	ND	ND	ND	--	--	
06/07/94	3.12	5.35	0.00	-2.23	0.15	--	--	--	--	--	--	--	--	
07/02/94	3.12	5.46	0.00	-2.34	-0.11	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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>														
08/02/94	3.12	5.84	0.00	-2.72	-0.38	150	--	ND	ND	ND	ND	--	--	
11/07/94	3.12	6.05	0.00	-2.93	-0.21	94	--	ND	ND	ND	ND	--	--	
12/03/94	3.12	4.51	0.00	-1.39	1.54	--	--	--	--	--	--	--	--	
01/10/95	3.12	3.82	0.00	-0.70	0.69	--	--	--	--	--	--	--	--	
02/01/95	3.12	3.84	0.00	-0.72	-0.02	100	--	ND	ND	ND	ND	--	--	
03/03/95	3.12	4.27	0.00	-1.15	-0.43	--	--	--	--	--	--	--	--	
05/02/95	3.12	4.11	0.00	-0.99	0.16	360	--	ND	ND	ND	ND	--	--	
08/01/95	3.12	5.10	0.00	-1.98	-0.99	ND	--	ND	ND	ND	ND	--	--	
11/01/95	3.12	6.65	0.00	-3.53	-1.55	ND	--	ND	ND	ND	ND	200	--	
02/01/96	3.12	4.29	0.00	-1.17	2.36	ND	--	ND	ND	ND	ND	190	--	
02/04/97	3.12	6.43	0.00	-3.31	-2.14	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	3.12	4.68	0.00	-1.56	1.75	ND	--	ND	ND	ND	ND	490	--	
02/04/99	3.12	4.62	0.00	-1.50	0.06	ND	--	ND	ND	ND	ND	480	530	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	3.12	5.16	0.00	-2.04	--	ND	--	ND	ND	ND	ND	250	346	
03/05/01	3.12	5.07	0.00	-1.95	0.09	ND	--	ND	ND	ND	ND	167	--	
08/10/01	3.12	5.82	0.00	-2.70	-0.75	--	--	--	--	--	--	--	--	
02/22/02	3.12	4.58	0.00	-1.46	1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	240	280	
03/10/03	3.12	4.73	0.00	-1.61	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	100	
02/05/04	3.12	4.20	0.00	-1.08	0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
08/26/04	3.12	5.61	0.00	-2.49	-1.41	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	2.9	
02/14/05	3.12	4.98	0.00	-1.86	0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
09/27/05	3.12	6.05	0.00	-2.93	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
03/27/06	3.12	5.22	0.00	-2.10	0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	



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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
09/20/06	3.12	5.82	0.00	-2.70	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.3	
03/20/07	3.12	5.25	0.00	-2.13	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.2	
09/26/07	3.12	6.05	0.00	-2.93	-0.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.8	
03/24/08	3.12	5.30	0.00	-2.18	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
<b>MW-4</b>														
08/28/90	--	--	--	--	--	62000	--	810	72	4400	4600	--	--	
11/26/90	--	--	--	--	--	49000	--	360	36	3800	11000	--	--	
02/21/91	--	--	--	--	--	33000	--	210	21	3800	12000	--	--	
08/05/91	--	--	--	--	--	37000	--	310	70	3600	9700	--	--	
11/05/91	--	--	--	--	--	140000	--	320	ND	4800	13000	--	--	
02/07/92	--	--	--	--	--	8100	--	24	4.9	1800	3200	--	--	
05/05/92	--	--	--	--	--	15000	--	82	12	2000	5600	--	--	
08/03/92	--	--	--	--	--	24000	--	61	ND	2100	5400	--	--	
11/03/92	--	--	--	--	--	36000	--	69	ND	3000	7400	--	--	
02/03/93	--	--	--	--	--	370	--	2.6	ND	1.2	53	--	--	
03/01/93	5.27	7.63	0.00	-2.36	--	--	--	--	--	--	--	--	--	
04/01/93	5.27	7.25	0.00	-1.98	0.38	--	--	--	--	--	--	--	--	
05/17/93	5.27	8.46	0.00	-3.19	-1.21	2500	--	ND	ND	170	410	--	--	
06/15/93	5.27	9.00	0.00	-3.73	-0.54	--	--	--	--	--	--	--	--	
07/14/93	5.27	9.74	0.00	-4.47	-0.74	--	--	--	--	--	--	--	--	
08/13/93	5.27	10.23	0.00	-4.96	-0.49	19000	--	ND	ND	1600	4100	--	--	
09/13/93	5.27	10.62	0.00	-5.35	-0.39	--	--	--	--	--	--	--	--	
10/14/93	5.27	10.84	0.00	-5.57	-0.22	--	--	--	--	--	--	--	--	
11/11/93	4.93	10.88	0.00	-5.95	-0.38	16000	--	110	12	1800	3800	--	--	

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**May 1990 Through March 2008**  
**76 Station 3135**

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-4 continued</b>														
12/14/93	4.93	9.60	0.00	-4.67	1.28	--	--	--	--	--	--	--	--	
01/10/94	4.93	9.92	0.00	-4.99	-0.32	--	--	--	--	--	--	--	--	
02/10/94	4.93	8.79	0.00	-3.86	1.13	830	--	3.5	1.4	36	80	--	--	
03/14/94	4.93	7.91	0.00	-2.98	0.88	--	--	--	--	--	--	--	--	
04/23/94	4.93	8.41	0.00	-3.48	-0.50	--	--	--	--	--	--	--	--	
05/05/94	4.93	8.27	0.00	-3.34	0.14	6900	--	17	ND	480	1300	--	--	
06/07/94	4.93	8.27	0.00	-3.34	0.00	--	--	--	--	--	--	--	--	
07/05/94	4.93	8.58	0.00	-3.65	-0.31	--	--	--	--	--	--	--	--	
08/02/94	4.93	8.91	0.00	-3.98	-0.33	17000	--	38	ND	1800	4300	--	--	
11/07/94	4.93	8.64	0.00	-3.71	0.27	20000	--	84	17	1500	3000	--	--	
12/03/94	4.93	6.78	0.00	-1.85	1.86	--	--	--	--	--	--	--	--	
01/10/95	4.93	6.35	0.00	-1.42	0.43	--	--	--	--	--	--	--	--	
02/01/95	4.93	5.73	0.00	-0.80	0.62	ND	--	ND	ND	ND	ND	--	--	
03/03/95	4.93	6.82	0.00	-1.89	-1.09	--	--	--	--	--	--	--	--	
05/02/95	4.93	5.74	0.00	-0.81	1.08	5400	--	36	ND	130	710	--	--	
08/01/95	4.93	7.78	0.00	-2.85	-2.04	7900	--	21	ND	210	860	--	--	
11/01/95	4.93	9.16	0.00	-4.23	-1.38	4900	--	12	ND	190	710	210	--	
02/01/96	4.93	4.64	0.00	0.29	4.52	91	--	2.7	ND	1.2	6.8	7.8	--	
02/04/97	4.93	8.65	0.00	-3.72	-4.01	130	--	0.58	ND	ND	ND	150	--	
02/05/98	4.93	--	0.00	--	--	--	--	--	--	--	--	--	--	Paved Over
02/04/99	4.93	4.04	0.00	0.89	--	ND	--	ND	ND	ND	ND	ND	--	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.93	4.07	0.00	0.86	--	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	4.93	4.14	0.00	0.79	-0.07	ND	--	ND	ND	ND	ND	2.55	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-4 continued</b>														
08/10/01	4.93	4.77	0.00	0.16	-0.63	--	--	--	--	--	--	--	--	
02/22/02	5.01	3.87	0.00	1.14	0.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/10/03	5.01	4.12	0.00	0.89	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/05/04	5.01	5.30	0.00	-0.29	-1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/26/04	5.01	7.68	0.00	-2.67	-2.38	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.50	
02/14/05	5.01	5.33	0.00	-0.32	2.35	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	5.01	7.97	0.00	-2.96	-2.64	--	300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	5.01	5.31	0.00	-0.30	2.66	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/20/06	5.01	7.74	0.00	-2.73	-2.43	--	490	ND<0.50	ND<0.50	0.52	ND<0.50	--	ND<0.50	
03/20/07	5.01	4.16	0.00	0.85	3.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/26/07	5.01	8.02	0.00	-3.01	-3.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/24/08	5.01	5.47	0.00	-0.46	2.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-5</b>														
08/28/90	--	--	--	--	--	ND	--	ND	ND	ND	1.2	--	--	
11/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/21/91	--	--	--	--	--	56	--	ND	ND	ND	4.7	--	--	
08/05/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/05/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/07/92	--	--	--	--	--	ND	--	ND	ND	0.36	0.94	--	--	
05/05/92	--	--	--	--	--	ND	--	ND	ND	0.42	1.4	--	--	
08/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/03/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	4.61	6.68	0.00	-2.07	--	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 continued</b>														
04/01/93	4.61	6.51	0.00	-1.90	0.17	--	--	--	--	--	--	--	--	
05/17/93	4.61	7.75	0.00	-3.14	-1.24	ND	--	ND	ND	ND	ND	--	--	
06/15/93	4.61	8.18	0.00	-3.57	-0.43	--	--	--	--	--	--	--	--	
07/14/93	4.61	8.98	0.00	-4.37	-0.80	--	--	--	--	--	--	--	--	
08/13/93	4.61	9.49	0.00	-4.88	-0.51	ND	--	ND	ND	ND	ND	--	--	
09/13/93	4.61	9.88	0.00	-5.27	-0.39	--	--	--	--	--	--	--	--	
10/14/93	4.61	10.04	0.00	-5.43	-0.16	--	--	--	--	--	--	--	--	
11/11/93	4.27	10.13	0.00	-5.86	-0.43	ND	--	ND	ND	ND	ND	--	--	
12/14/93	4.27	8.85	0.00	-4.58	1.28	--	--	--	--	--	--	--	--	
01/10/94	4.27	9.10	0.00	-4.83	-0.25	--	--	--	--	--	--	--	--	
02/10/94	4.27	7.71	0.00	-3.44	1.39	ND	--	ND	ND	ND	0.59	--	--	
03/14/94	4.27	7.02	0.00	-2.75	0.69	--	--	--	--	--	--	--	--	
04/23/94	4.27	7.57	0.00	-3.30	-0.55	--	--	--	--	--	--	--	--	
05/05/94	4.27	7.38	0.00	-3.11	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
06/07/94	4.27	7.39	0.00	-3.12	-0.01	--	--	--	--	--	--	--	--	
07/05/94	4.27	7.72	0.00	-3.45	-0.33	--	--	--	--	--	--	--	--	
08/02/94	4.27	8.05	0.00	-3.78	-0.33	ND	--	ND	ND	ND	ND	--	--	
11/07/94	4.27	7.56	0.00	-3.29	0.49	--	--	--	--	--	--	--	--	
12/03/94	4.27	5.80	0.00	-1.53	1.76	--	--	--	--	--	--	--	--	
01/10/95	4.27	5.37	0.00	-1.10	0.43	--	--	--	--	--	--	--	--	
02/01/95	4.27	5.24	0.00	-0.97	0.13	ND	--	ND	ND	ND	ND	--	--	
03/03/95	4.27	5.99	0.00	-1.72	-0.75	--	--	--	--	--	--	--	--	
05/02/95	4.27	5.85	0.00	-1.58	0.14	--	--	--	--	--	--	--	--	
08/01/95	4.27	7.00	0.00	-2.73	-1.15	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 continued</b>														
11/01/95	4.27	8.40	0.00	-4.13	-1.40	--	--	--	--	--	--	--	--	
02/01/96	4.27	5.45	0.00	-1.18	2.95	ND	--	ND	ND	ND	ND	0.72	--	
02/04/97	4.27	7.82	0.00	-3.55	-2.37	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	4.27	3.85	0.00	0.42	3.97	ND	--	ND	ND	ND	ND	490	--	
02/04/99	4.27	5.85	0.00	-1.58	-2.00	ND	--	ND	ND	ND	ND	23	26	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.27	5.94	0.00	-1.67	--	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	4.27	5.85	0.00	-1.58	0.09	ND	--	ND	ND	ND	ND	ND	--	
08/10/01	4.27	6.53	0.00	-2.26	-0.68	--	--	--	--	--	--	--	--	
02/22/02	4.31	5.54	0.00	-1.23	1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.6	11	
03/10/03	4.31	6.93	0.00	-2.62	-1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.6	
02/05/04	4.31	6.72	0.00	-2.41	0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
08/26/04	4.31	6.90	0.00	-2.59	-0.18	--	ND<50	ND<0.5	2.8	0.56	3.2	--	2.9	
02/14/05	4.31	5.83	0.00	-1.52	1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
09/27/05	4.31	7.51	0.00	-3.20	-1.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.55	
03/27/06	4.31	4.63	0.00	-0.32	2.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.92	
09/20/06	4.31	6.96	0.00	-2.65	-2.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
03/20/07	4.31	5.77	0.00	-1.46	1.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.62	
09/26/07	4.31	7.22	0.00	-2.91	-1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/24/08	4.31	5.94	0.00	-1.63	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.63	
<b>MW-6</b>														
08/28/90	--	--	--	--	--	12000	--	1700	1400	230	2100	--	--	
11/26/90	--	--	--	--	--	4000	--	800	120	250	440	--	--	
02/21/91	--	--	--	--	--	750	--	77	14	23	140	--	--	

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**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
08/05/91	--	--	--	--	--	860	--	130	11	92	150	--	--	
11/05/91	--	--	--	--	--	7100	--	200	ND	190	580	--	--	
02/07/92	--	--	--	--	--	180	--	22	0.68	22	20	--	--	
05/05/92	--	--	--	--	--	ND	--	ND	ND	ND	1.3	--	--	
08/03/92	--	--	--	--	--	1100	--	180	1.1	62	78	--	--	
11/03/92	--	--	--	--	--	920	--	45	0.76	12	110	--	--	
02/03/93	--	--	--	--	--	ND	--	1.2	ND	ND	ND	--	--	
03/01/93	4.31	6.20	0.00	-1.89	--	--	--	--	--	--	--	--	--	
04/01/93	4.31	6.04	0.00	-1.73	0.16	--	--	--	--	--	--	--	--	
05/17/93	4.31	7.50	0.00	-3.19	-1.46	4900	--	890	46	210	530	--	--	
06/15/93	4.31	7.76	0.00	-3.45	-0.26	--	--	--	--	--	--	--	--	
07/14/93	4.31	8.69	0.00	-4.38	-0.93	--	--	--	--	--	--	--	--	
08/13/93	4.31	9.20	0.00	-4.89	-0.51	2300	--	330	ND	95	40	--	--	
09/13/93	4.31	9.59	0.00	-5.28	-0.39	--	--	--	--	--	--	--	--	
10/14/93	4.31	9.75	0.00	-5.44	-0.16	--	--	--	--	--	--	--	--	
11/11/93	4.03	9.87	0.00	-5.84	-0.40	3000	--	470	ND	220	270	--	--	
12/14/93	4.03	8.60	0.00	-4.57	1.27	--	--	--	--	--	--	--	--	
01/10/94	4.03	8.81	0.00	-4.78	-0.21	--	--	--	--	--	--	--	--	
02/10/94	4.03	7.23	0.00	-3.20	1.58	ND	--	3.5	ND	1.5	ND	--	--	
03/14/94	4.03	6.68	0.00	-2.65	0.55	--	--	--	--	--	--	--	--	
04/23/94	4.03	7.24	0.00	-3.21	-0.56	--	--	--	--	--	--	--	--	
05/05/94	4.03	7.01	0.00	-2.98	0.23	2600	--	430	99	24	420	--	--	
06/07/94	4.03	7.02	0.00	-2.99	-0.01	--	--	--	--	--	--	--	--	
07/05/94	4.03	7.41	0.00	-3.38	-0.39	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-6 continued</b>														
08/02/94	4.03	7.66	0.00	-3.63	-0.25	28000	--	2200	940	1600	7500	--	--	
11/07/94	4.03	6.78	0.00	-2.75	0.88	23000	--	3800	970	1400	4700	--	--	
12/03/94	4.03	5.44	0.00	-1.41	1.34	--	--	--	--	--	--	--	--	
01/10/95	4.03	5.00	0.00	-0.97	0.44	--	--	--	--	--	--	--	--	
02/01/95	4.03	4.98	0.00	-0.95	0.02	55000	--	7700	9100	4500	20000	--	--	
03/03/95	4.03	5.71	0.00	-1.68	-0.73	--	--	--	--	--	--	--	--	
05/02/95	4.03	5.58	0.00	-1.55	0.13	59000	--	4700	4400	4000	18000	--	--	
08/01/95	4.03	6.76	0.00	-2.73	-1.18	23000	--	1400	510	940	7300	--	--	
11/01/95	4.03	8.10	0.00	-4.07	-1.34	24000	--	1100	200	1900	6000	170	--	
02/01/96	4.03	5.09	0.00	-1.06	3.01	58000	--	2700	1800	4200	17000	ND	--	
02/04/97	4.03	7.61	0.00	-3.58	-2.52	95	--	ND	1	ND	ND	96	--	
02/05/98	4.03	4.55	0.00	-0.52	3.06	44000	--	2100	1600	5200	20000	2800	--	
08/28/98	4.03	6.95	0.00	-2.92	-2.40	--	--	--	--	--	--	--	--	
02/04/99	4.03	5.59	0.00	-1.56	1.36	37000	--	480	250	2900	10000	ND	--	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.03	6.24	0.00	-2.21	--	24300	--	313	42	1880	5490	604	357	
03/05/01	4.03	6.29	0.00	-2.26	-0.05	29300	--	272	66.8	2180	7380	1120	--	
08/10/01	4.03	7.11	0.00	-3.08	-0.82	--	--	--	--	--	--	--	--	
02/22/02	4.05	5.37	0.00	-1.32	1.76	22000	--	180	ND<50	1300	3100	760	790	
03/10/03	4.05	5.95	0.00	-1.90	-0.58	--	1200	13	ND<1.0	53	45	--	150	
02/05/04	4.05	5.45	0.00	-1.40	0.50	--	8400	100	12	770	980	--	270	
08/26/04	4.05	6.76	0.00	-2.71	-1.31	--	4700	15	1.2	390	470	--	180	
02/14/05	4.05	5.75	0.00	-1.70	1.01	--	6600	44	8.5	640	750	--	160	
09/27/05	4.05	7.19	0.00	-3.14	-1.44	--	2300	3.2	0.60	160	270	--	24	

**Table 2**  
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**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>MW-6 continued</b>														
03/27/06	4.05	4.70	0.00	-0.65	2.49	--	12000	73	16	750	2300	--	90	
09/20/06	4.05	7.02	0.00	-2.97	-2.32	--	2900	10	ND<2.5	240	160	--	47	
03/20/07	4.05	5.82	0.00	-1.77	1.20	--	2400	9.4	ND<2.5	160	290	--	28	
09/26/07	4.05	7.13	0.00	-3.08	-1.31	--	780	ND<2.5	ND<2.5	74	81	--	13	
03/24/08	4.05	5.91	0.00	-1.86	1.22	--	3400	9.8	0.99	160	370	--	23	
<b>MW-7</b>														
05/11/93	4.84	4.52	0.00	0.32	--	--	--	--	--	--	--	--	--	
05/17/93	4.84	7.00	0.00	-2.16	-2.48	ND	--	ND	ND	ND	ND	--	--	
06/15/93	4.84	7.47	0.00	-2.63	-0.47	--	--	--	--	--	--	--	--	
07/14/93	4.84	8.55	0.00	-3.71	-1.08	--	--	--	--	--	--	--	--	
08/13/93	4.84	9.23	0.00	-4.39	-0.68	ND	--	ND	ND	ND	ND	--	--	
09/13/93	4.84	10.08	0.00	-5.24	-0.85	--	--	--	--	--	--	--	--	
10/14/93	4.84	10.25	0.00	-5.41	-0.17	--	--	--	--	--	--	--	--	
11/11/93	4.42	10.27	0.00	-5.85	-0.44	ND	--	ND	ND	ND	ND	--	--	
12/14/93	4.42	8.52	0.00	-4.10	1.75	--	--	--	--	--	--	--	--	
01/10/94	4.42	9.30	0.00	-4.88	-0.78	--	--	--	--	--	--	--	--	
02/10/94	4.42	7.93	0.00	-3.51	1.37	ND	--	ND	ND	ND	ND	--	--	
03/14/94	4.42	6.78	0.00	-2.36	1.15	--	--	--	--	--	--	--	--	
04/23/94	4.42	--	0.00	--	--	--	--	--	--	--	--	--	--	Inaccessible
05/05/94	4.42	7.13	0.00	-2.71	--	--	--	--	--	--	--	--	--	Sampled semi-annually
06/07/94	4.42	7.09	0.00	-2.67	0.04	--	--	--	--	--	--	--	--	
07/05/94	4.42	7.49	0.00	-3.07	-0.40	--	--	--	--	--	--	--	--	
08/02/94	4.42	7.98	0.00	-3.56	-0.49	ND	--	ND	ND	ND	0.63	--	--	
11/07/94	4.42	7.86	0.00	-3.44	0.12	--	--	--	--	--	--	--	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-7 continued</b>														
12/03/94	4.42	5.95	0.00	-1.53	1.91	--	--	--	--	--	--	--	--	
01/10/95	4.42	5.50	0.00	-1.08	0.45	--	--	--	--	--	--	--	--	
02/01/95	4.42	5.43	0.00	-1.01	0.07	ND	--	ND	ND	ND	ND	--	--	
03/03/95	4.42	5.97	0.00	-1.55	-0.54	--	--	--	--	--	--	--	--	
05/02/95	4.42	5.73	0.00	-1.31	0.24	--	--	--	--	--	--	--	--	
08/01/95	4.42	7.62	0.00	-3.20	-1.89	ND	--	ND	ND	ND	ND	--	--	
11/01/95	4.42	8.58	0.00	-4.16	-0.96	--	--	--	--	--	--	--	--	
02/01/96	4.42	5.77	0.00	-1.35	2.81	ND	--	ND	ND	ND	ND	1.4	--	
02/04/97	4.42	7.64	0.00	-3.22	-1.87	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	4.42	--	0.00	--	--	--	--	--	--	--	--	--	--	Paved Over
02/04/99	4.42	5.54	0.00	-1.12	--	ND	--	ND	ND	ND	ND	ND	--	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.42	5.75	0.00	-1.33	--	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	4.42	5.66	0.00	-1.24	0.09	ND	--	ND	ND	ND	ND	ND	--	
08/10/01	4.42	6.28	0.00	-1.86	-0.62	--	--	--	--	--	--	--	--	
02/22/02	4.45	4.98	0.00	-0.53	1.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/10/03	4.45	5.39	0.00	-0.94	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/05/04	4.45	5.10	0.00	-0.65	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/26/04	4.45	6.98	0.00	-2.53	-1.88	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
02/14/05	4.45	6.19	0.00	-1.74	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	4.45	7.45	0.00	-3.00	-1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	4.45	4.72	0.00	-0.27	2.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/20/06	4.45	7.20	0.00	-2.75	-2.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/20/07	4.45	6.04	0.00	-1.59	1.16	--	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**  
**May 1990 Through March 2008**  
**76 Station 3135**

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>														
09/26/07	4.45	7.51	0.00	-3.06	-1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/24/08	4.45	4.92	0.00	-0.47	2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-8</b>														
11/03/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/03/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	5.12	6.64	0.00	-1.52	--	--	--	--	--	--	--	--	--	
04/01/93	5.12	6.55	0.00	-1.43	0.09	--	--	--	--	--	--	--	--	
05/17/93	5.12	8.25	0.00	-3.13	-1.70	ND	--	ND	ND	ND	ND	--	--	
06/15/93	5.12	8.67	0.00	-3.55	-0.42	--	--	--	--	--	--	--	--	
07/14/93	5.12	9.47	0.00	-4.35	-0.80	--	--	--	--	--	--	--	--	
08/13/93	5.12	10.00	0.00	-4.88	-0.53	ND	--	ND	ND	ND	ND	--	--	
09/13/93	5.12	10.40	0.00	-5.28	-0.40	--	--	--	--	--	--	--	--	
10/14/93	5.12	10.23	0.00	-5.11	0.17	--	--	--	--	--	--	--	--	
11/11/93	4.43	10.22	0.00	-5.79	-0.68	ND	--	ND	ND	ND	ND	--	--	
12/14/93	4.43	9.00	0.00	-4.57	1.22	--	--	--	--	--	--	--	--	
01/10/94	4.43	9.17	0.00	-4.74	-0.17	--	--	--	--	--	--	--	--	
02/10/94	4.43	7.23	0.00	-2.80	1.94	ND	--	ND	ND	ND	ND	--	--	
03/14/94	4.43	6.94	0.00	-2.51	0.29	--	--	--	--	--	--	--	--	
04/23/94	4.43	7.63	0.00	-3.20	-0.69	--	--	--	--	--	--	--	--	
05/05/94	4.43	7.39	0.00	-2.96	0.24	--	--	--	--	--	--	--	--	Sampled semi-annually
06/07/94	4.43	7.44	0.00	-3.01	-0.05	--	--	--	--	--	--	--	--	
07/05/94	4.43	7.86	0.00	-3.43	-0.42	--	--	--	--	--	--	--	--	
08/02/94	4.43	8.23	0.00	-3.80	-0.37	ND	--	ND	ND	ND	ND	--	--	
11/07/94	4.43	6.56	0.00	-2.13	1.67	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-8 continued</b>														
12/03/94	4.43	5.60	0.00	-1.17	0.96	--	--	--	--	--	--	--	--	
01/10/95	4.43	4.90	0.00	-0.47	0.70	--	--	--	--	--	--	--	--	
02/01/95	4.43	5.02	0.00	-0.59	-0.12	ND	--	ND	ND	ND	ND	--	--	
03/03/95	4.43	5.81	0.00	-1.38	-0.79	--	--	--	--	--	--	--	--	
05/02/95	4.43	5.73	0.00	-1.30	0.08	--	--	--	--	--	--	--	--	
08/01/95	4.43	7.11	0.00	-2.68	-1.38	ND	--	ND	ND	ND	ND	--	--	
11/01/95	4.43	8.98	0.00	-4.55	-1.87	--	--	--	--	--	--	--	--	
02/01/96	4.43	5.52	0.00	-1.09	3.46	ND	--	ND	ND	ND	ND	1.3	--	
02/04/97	4.43	8.07	0.00	-3.64	-2.55	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	4.43	4.97	0.00	-0.54	3.10	ND	--	ND	ND	ND	ND	ND	--	
02/04/99	4.43	6.12	0.00	-1.69	-1.15	ND	--	ND	ND	ND	ND	ND	--	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.43	6.11	0.00	-1.68	--	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	4.43	6.05	0.00	-1.62	0.06	ND	--	ND	ND	ND	ND	ND	--	
02/22/02	4.43	5.90	0.00	-1.47	0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/10/03	4.43	6.56	0.00	-2.13	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/05/04	4.43	6.25	0.00	-1.82	0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/26/04	4.43	7.33	0.00	-2.90	-1.08	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
02/14/05	4.43	6.09	0.00	-1.66	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	4.43	7.47	0.00	-3.04	-1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	4.43	5.48	0.00	-1.05	1.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
09/20/06	4.43	7.23	0.00	-2.80	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/20/07	4.43	6.37	0.00	-1.94	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/26/07	4.43	7.67	0.00	-3.24	-1.30	--	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**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-8 continued</b>														
03/24/08	4.43	6.49	0.00	-2.06	1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.53	
<b>MW-9</b>														
11/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/03/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	4.84	6.22	0.00	-1.38	--	--	--	--	--	--	--	--	--	
04/01/93	4.84	6.17	0.00	-1.33	0.05	--	--	--	--	--	--	--	--	
05/17/93	4.84	7.95	0.00	-3.11	-1.78	ND	--	ND	ND	ND	ND	--	--	
06/15/93	4.84	8.34	0.00	-3.50	-0.39	--	--	--	--	--	--	--	--	
07/14/93	4.84	9.13	0.00	-4.29	-0.79	--	--	--	--	--	--	--	--	
08/13/93	4.84	9.69	0.00	-4.85	-0.56	ND	--	ND	ND	ND	ND	--	--	
09/13/93	4.84	10.10	0.00	-5.26	-0.41	--	--	--	--	--	--	--	--	
10/14/93	4.84	10.23	0.00	-5.39	-0.13	--	--	--	--	--	--	--	--	
11/11/93	4.60	10.39	0.00	-5.79	-0.40	ND	--	ND	ND	ND	ND	--	--	
12/14/93	4.60	9.14	0.00	-4.54	1.25	--	--	--	--	--	--	--	--	
01/10/94	4.60	9.27	0.00	-4.67	-0.13	--	--	--	--	--	--	--	--	
02/10/94	4.60	7.20	0.00	-2.60	2.07	ND	--	ND	ND	ND	ND	--	--	
03/14/94	4.60	7.06	0.00	-2.46	0.14	--	--	--	--	--	--	--	--	
04/23/94	4.60	7.79	0.00	-3.19	-0.73	--	--	--	--	--	--	--	--	
05/05/94	4.60	7.52	0.00	-2.92	0.27	--	--	--	--	--	--	--	--	
06/07/94	4.60	7.54	0.00	-2.94	-0.02	--	--	--	--	--	--	--	--	Sampled semi-annually
07/05/94	4.60	7.98	0.00	-3.38	-0.44	--	--	--	--	--	--	--	--	
08/02/94	4.60	8.34	0.00	-3.74	-0.36	ND	--	ND	ND	ND	ND	--	--	
11/07/94	4.60	6.44	0.00	-1.84	1.90	--	--	--	--	--	--	--	--	
12/03/94	4.60	5.68	0.00	-1.08	0.76	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-9 continued</b>														
01/10/95	4.60	4.98	0.00	-0.38	0.70	--	--	--	--	--	--	--	--	
02/01/95	4.60	5.18	0.00	-0.58	-0.20	ND	--	ND	ND	ND	ND	--	--	
03/03/95	4.60	5.90	0.00	-1.30	-0.72	--	--	--	--	--	--	--	--	
05/02/95	4.60	5.86	0.00	-1.26	0.04	--	--	--	--	--	--	--	--	
08/01/95	4.60	7.30	0.00	-2.70	-1.44	ND	--	ND	ND	ND	ND	--	--	
11/01/95	4.60	8.66	0.00	-4.06	-1.36	--	--	--	--	--	--	--	--	
02/01/96	4.60	5.14	0.00	-0.54	3.52	ND	--	ND	ND	ND	ND	ND	--	
02/04/97	4.60	8.12	0.00	-3.52	-2.98	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	4.60	4.95	0.00	-0.35	3.17	ND	--	ND	ND	ND	ND	ND	--	
02/04/99	4.60	5.81	0.00	-1.21	-0.86	ND	--	ND	ND	ND	ND	ND	--	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	4.60	5.71	0.00	-1.11	--	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	4.60	5.67	0.00	-1.07	0.04	ND	--	ND	ND	ND	ND	ND	--	
02/22/02	4.60	5.61	0.00	-1.01	0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/10/03	4.60	6.16	0.00	-1.56	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/05/04	4.60	5.58	0.00	-0.98	0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/26/04	4.60	7.13	0.00	-2.53	-1.55	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
02/14/05	4.60	5.92	0.00	-1.32	1.21	--	ND<50	ND<0.50	ND<0.50	0.72	1.0	--	ND<0.50	
09/27/05	4.60	7.43	0.00	-2.83	-1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	4.60	5.14	0.00	-0.54	2.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/20/06	4.60	7.25	0.00	-2.65	-2.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/20/07	4.60	5.97	0.00	-1.37	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/26/07	4.60	7.43	0.00	-2.83	-1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/24/08	4.60	6.21	0.00	-1.61	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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</b>														
11/03/92	--	--	0.00	--	--	740	--	11	2.1	32	56	--	--	
02/03/93	--	--	0.00	--	--	1200	--	ND	ND	ND	ND	--	--	
03/01/93	3.34	5.82	0.00	-2.48	--	--	--	--	--	--	--	--	--	
04/01/93	3.34	5.69	0.00	-2.35	0.13	--	--	--	--	--	--	--	--	
05/17/93	3.34	7.04	0.00	-3.70	-1.35	1200	--	ND	ND	ND	ND	--	--	
06/15/93	3.34	7.22	0.00	-3.88	-0.18	--	--	--	--	--	--	--	--	
07/14/93	3.34	8.01	0.00	-4.67	-0.79	--	--	--	--	--	--	--	--	
08/13/93	3.34	8.42	0.00	-5.08	-0.41	1500	--	ND	ND	41	21	--	--	
09/13/93	3.34	8.74	0.00	-5.40	-0.32	--	--	--	--	--	--	--	--	
10/14/93	3.34	8.57	0.00	-5.23	0.17	--	--	--	--	--	--	--	--	
11/11/93	2.69	8.59	0.00	-5.90	-0.67	1600	--	ND	ND	ND	ND	--	--	
12/14/93	2.69	7.50	0.00	-4.81	1.09	--	--	--	--	--	--	--	--	
01/10/94	2.69	7.69	0.00	-5.00	-0.19	--	--	--	--	--	--	--	--	
02/10/94	2.69	8.21	0.00	-5.52	-0.52	1480	--	ND	ND	ND	ND	--	--	
03/14/94	2.69	5.56	0.00	-2.87	2.65	--	--	--	--	--	--	--	--	
04/23/94	2.69	6.22	0.00	-3.53	-0.66	--	--	--	--	--	--	--	--	
05/05/94	2.69	6.03	0.00	-3.34	0.19	1000	--	ND	ND	ND	ND	--	--	
06/07/94	2.69	6.10	0.00	-3.41	-0.07	--	--	--	--	--	--	--	--	
07/05/94	2.69	6.38	0.00	-3.69	-0.28	--	--	--	--	--	--	--	--	
08/02/94	2.69	6.67	0.00	-3.98	-0.29	95	--	ND	ND	ND	ND	--	--	
11/07/94	2.69	6.08	0.00	-3.39	0.59	1100	--	ND	ND	ND	ND	--	--	
12/03/94	2.69	4.68	0.00	-1.99	1.40	--	--	--	--	--	--	--	--	
01/10/95	2.69	4.21	0.00	-1.52	0.47	--	--	--	--	--	--	--	--	
02/01/95	2.69	4.26	0.00	-1.57	-0.05	560	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-10 continued</b>														
03/03/95	2.69	4.94	0.00	-2.25	-0.68	--	--	--	--	--	--	--	--	
05/02/95	2.69	4.80	0.00	-2.11	0.14	840	--	ND	ND	ND	9.5	--	--	
08/01/95	2.69	5.79	0.00	-3.10	-0.99	ND	--	ND	ND	ND	ND	--	--	
11/01/95	2.69	6.95	0.00	-4.26	-1.16	ND	--	ND	ND	ND	ND	830	--	
02/01/96	2.69	4.31	0.00	-1.62	2.64	ND	--	ND	ND	ND	ND	1300	--	
02/04/97	2.69	6.59	0.00	-3.90	-2.28	ND	--	ND	ND	ND	ND	ND	--	
02/05/98	2.69	3.76	0.00	-1.07	2.83	ND	--	ND	ND	ND	ND	500	--	
02/04/99	2.69	4.68	0.00	-1.99	-0.92	ND	--	ND	ND	ND	ND	620	850	
02/12/99	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/02/00	2.69	4.85	0.00	-2.16	--	ND	--	ND	ND	ND	ND	737	696	
03/05/01	2.69	4.81	0.00	-2.12	0.04	ND	--	ND	ND	ND	ND	121	--	
02/22/02	2.69	4.53	0.00	-1.84	0.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	870	780	
03/10/03	2.69	4.98	0.00	-2.29	-0.45	--	370	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	320	
02/05/04	2.69	5.32	0.00	-2.63	-0.34	--	320	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	300	
08/26/04	2.69	5.45	0.00	-2.76	-0.13	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	13	
02/14/05	2.69	4.81	0.00	-2.12	0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
09/27/05	2.69	5.97	0.00	-3.28	-1.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
03/27/06	2.69	3.87	0.00	-1.18	2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.8	
09/20/06	2.69	6.77	0.00	-4.08	-2.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.3	
03/20/07	2.69	4.88	0.00	-2.19	1.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.7	
09/26/07	2.69	5.70	0.00	-3.01	-0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7.5	
03/24/08	2.69	4.99	0.00	-2.30	0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
<b>MW-11</b>														
08/10/01	2.63	5.70	0.00	-3.07	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2008**  
**76 Station 3135**

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-11 continued</b>														
02/22/02	2.63	5.43	0.00	-2.80	0.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/10/03	2.63	5.41	0.00	-2.78	0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/05/04	2.63	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible, locked gate
08/26/04	2.63	5.35	0.00	-2.72	--	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
02/14/05	2.63	5.12	0.00	-2.49	0.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	2.63	5.18	0.00	-2.55	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	2.63	4.88	0.00	-2.25	0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/20/06	2.63	5.53	0.00	-2.90	-0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/20/07	2.63	5.28	0.00	-2.65	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/26/07	2.63	4.98	0.00	-2.35	0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/24/08	2.63	5.23	0.00	-2.60	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-1</b>														
02/21/91	690	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/91	200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	260	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/92	120	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	220	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	400	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	490	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	170	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	160	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	130	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/94	270	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	120	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	86	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	190	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	90	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	7.0	4.4	-54	3.56	--
02/12/99	--	--	--	--	--	--	--	--	3300	--	--	470	--	--
02/02/00	--	--	--	--	--	--	--	--	45.6	ND	13.7	484	3.83	--
03/05/01	--	ND	ND	ND	ND	ND	ND	ND	16.1	3.41	7.12	492	3.97	--
02/22/02	--	ND<330	ND<1700	ND<6.7	ND<6.7	ND<6.7	ND<6.7	ND<6.7	ND<100	ND<0.50	3.4	210	4.38	--
03/10/03	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	4200	ND<1.0	8.3	180	1.2	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-1 continued</b>														
02/05/04	--	--	ND<500	--	--	--	--	--	3000	ND<1.0	3.4	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	3200	ND<0.88	11	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	2000	ND<1.0	41	-89	1.52	--
09/27/05	--	--	ND<250	--	--	--	--	--	6200	ND<0.10	52	--	4.39	-90
03/27/06	--	--	ND<250	--	--	--	--	--	2700	ND<1.0	22	--	0.64	-013
09/20/06	--	--	ND<250	--	--	--	--	--	4900	ND<0.10	23	--	0.73	-100
03/20/07	--	--	ND<250	--	--	--	--	--	4700	ND<0.10	26	--	0.84	-97
09/26/07	--	--	ND<250	--	--	--	--	--	2200	ND<0.10	65	--	0.27	-72
03/24/08	--	--	ND<250	--	--	--	--	--	2800	ND<0.10	24	--	.44	110
<b>MW-2</b>														
08/28/90	3100	--	--	--	--	--	--	--	--	--	--	--	--	--
11/26/90	3800	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/91	7000	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/91	4200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	3900	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/92	2300	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/92	4600	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	3300	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	9600	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	3900	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	5500	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	2800	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	7000	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	2000	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	3100	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	8500	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-2 continued</b>														
11/07/94	3100	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	1800	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	2300	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	2900	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	4100	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	5500	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/98	--	--	--	--	--	--	--	--	--	--	--	--	0.7	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	12	-104	3.64	--
02/12/99	--	--	--	--	--	--	--	--	4300	--	--	380	--	--
02/02/00	--	--	--	--	--	--	--	--	1700	ND	15.2	55.3	3.28	--
03/05/01	--	--	--	--	--	--	--	--	81.2	2.91	53.7	480	2.9	--
02/22/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.50	38	270	2.66	--
03/10/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	11000	ND<1.0	34	110	1.2	--
02/05/04	--	--	ND<500	--	--	--	--	--	7600	ND<1.0	26	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	7000	ND<0.44	3.3	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	4600	ND<1.0	24	--	2.50	--
09/27/05	--	--	ND<250	--	--	--	--	--	32000	ND<0.10	4.2	--	5.22	-103
03/27/06	--	--	ND<250	--	--	--	--	--	37000	ND<0.10	15	--	0.73	-102
09/20/06	--	--	ND<250	--	--	--	--	--	24000	ND<0.10	9.4	--	1.01	-64
03/20/07	--	--	ND<250	--	--	--	--	--	64000	ND<0.10	2.7	--	0.82	-118
09/26/07	--	--	ND<250	--	--	--	--	--	21000	ND<0.10	ND<1.0	--	0.52	-77
03/24/08	--	--	ND<250	--	--	--	--	--	20000	ND<0.10	27	--	.41	12
<b>MW-3</b>														
08/05/91	63	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-3 continued</b>														
05/05/92	56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	58	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	52	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	53	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	51	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	66	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	76	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	200	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	160	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	47	-064	5.34	--
02/12/99	--	--	--	--	--	--	--	--	1400	--	--	460	--	--
02/02/00	--	--	--	--	--	--	--	--	123	ND	26	45	6.06	--
03/05/01	--	--	--	--	--	--	--	--	27.9	3.52	70.1	476	4.93	--
02/22/02	--	ND<250	ND<1200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<100	ND<0.50	49	250	4.16	--
03/10/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	10000	ND<1.0	76	200	1.2	--
02/05/04	--	--	ND<500	--	--	--	--	--	7300	ND<1.0	68	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	7200	ND<0.44	15	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	2200	ND<1.0	50	-58	3.42	--
09/27/05	--	--	ND<250	--	--	--	--	--	7900	ND<0.10	34	--	2.39	-109

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Iron Ferrou	Nitrate	Sulfate	Redox Potential (ORP-Lab)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mV)
<b>MW-3 continued</b>														
03/27/06	--	--	ND<250	--	--	--	--	--	7300	ND<0.20	120	--	1.31	-037
09/20/06	--	--	ND<250	--	--	--	--	--	6100	ND<0.10	94	--	0.61	-89
03/20/07	--	--	ND<250	--	--	--	--	--	7900	ND<0.10	95	--	0.70	-102
09/26/07	--	--	ND<250	--	--	--	--	--	8000	ND<0.10	57	--	0.27	-72
03/24/08	--	--	ND<250	--	--	--	--	--	7400	ND<0.10	76	--	.59	25
<b>MW-4</b>														
02/21/91	4100	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/91	6200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	7700	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/92	2300	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/92	3200	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	2400	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	8300	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	720	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	3100	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	2000	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	4000	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	170	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	2000	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	2500	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/94	2200	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	2500	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	3400	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	3300	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-4 continued</b>														
02/04/99	--	--	--	--	--	--	--	--	--	5.4	15	7	6.46	--
02/12/99	--	--	--	--	--	--	--	--	6000	--	--	610	--	--
02/02/00	--	--	--	--	--	--	--	--	3000	10.3	38.4	61	5.93	--
03/05/01	--	--	--	--	--	--	--	--	114	4.63	5.65	474	5.37	--
02/22/02	--	--	--	--	--	--	--	--	260	15	27	590	4.95	--
03/10/03	--	--	--	--	--	--	--	--	1200	15	42	230	0.8	--
02/05/04	--	--	ND<500	--	--	--	--	--	ND<200	ND<1.0	25	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	160	0.64	87	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	67	37	54	15	1.90	--
09/27/05	--	--	ND<250	--	--	--	--	--	120	0.46	63	--	5.10	-21
03/27/06	--	--	ND<250	--	--	--	--	--	160	14	51	--	1.66	-038
09/20/06	--	--	ND<250	--	--	--	--	--	250	0.39	50	--	1.44	-47
03/20/07	--	--	ND<250	--	--	--	--	--	540	7.3	40	--	5.69	-59
09/26/07	--	--	ND<250	--	--	--	--	--	ND<100	0.47	52	--	1.21	-24
03/24/08	--	--	ND<250	--	--	--	--	--	160	6.9	42	--	.72	32
<b>MW-5</b>														
08/05/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/92	72	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Iron Ferrou	Nitrate	Sulfate	Redox Potential (ORP-Lab)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mV)
<b>MW-5 continued</b>														
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	10	79	102	--	--
02/12/99	--	--	--	--	--	--	--	--	160	--	--	480	--	--
02/02/00	--	--	--	--	--	--	--	--	20.8	12.1	98.4	83.7	--	--
03/05/01	--	--	--	--	--	--	--	--	123	3.49	5.43	470	--	--
02/22/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<0.50	39	630	--	--
03/10/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2400	ND<1.0	47	230	--	--
02/05/04	--	--	ND<500	--	--	--	--	--	6900	ND<1.0	33	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	3100	1.8	36	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	1700	2.7	54	-64	1.38	--
09/27/05	--	--	ND<250	--	--	--	--	--	2500	1.4	68	--	5.12	-97
03/27/06	--	--	ND<250	--	--	--	--	--	2700	0.75	59	--	0.71	-116
09/20/06	--	--	ND<250	--	--	--	--	--	3300	0.38	42	--	0.65	-32
03/20/07	--	--	ND<250	--	--	--	--	--	4800	0.71	54	--	4.55	-57
09/26/07	--	--	ND<250	--	--	--	--	--	750	1.1	62	--	0.05	-39
03/24/08	--	--	ND<250	--	--	--	--	--	2800	0.45	43	--	0.54	80
<b>MW-6</b>														
08/28/90	1000	--	--	--	--	--	--	--	--	--	--	--	--	--
11/26/90	320	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/91	160	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/91	130	--	--	--	--	--	--	--	--	--	--	--	--	--
11/05/91	300	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-6 continued</b>														
02/07/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/92	47	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/92	170	--	--	--	--	--	--	--	--	--	--	--	--	--
11/03/92	220	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	1400	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	440	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	650	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	630	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	2400	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/94	770	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	2700	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	3600	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	2800	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	4300	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	3700	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	4.8	-034	--	--
02/12/99	--	--	--	--	--	--	--	--	3200	--	--	400	--	--
02/02/00	--	--	--	--	--	--	--	--	217	ND	8.91	71.5	3.12	--
03/05/01	--	--	--	--	--	--	--	--	79.1	2.95	ND	467	2.84	--
02/22/02	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	ND<100	ND<0.50	ND<0.50	540	3.25	--
03/10/03	--	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	1700	ND<1.0	38	230	2.8	--
02/05/04	--	--	ND<5000	--	--	--	--	--	1100	ND<1.0	ND<1.0	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	5600	ND<0.88	1.8	--	--	--
02/14/05	--	--	ND<500	--	--	--	--	--	1500	ND<1.0	11	-97	2.38	--



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Iron Ferrou	Nitrate	Sulfate	Redox Potential (ORP-Lab)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mV)
<b>MW-6 continued</b>														
09/27/05	--	--	ND<250	--	--	--	--	--	2000	ND<0.10	48	--	4.18	-087
03/27/06	--	--	ND<250	--	--	--	--	--	7500	ND<0.10	4.6	--	0.89	0.94
09/20/06	--	--	ND<1200	--	--	--	--	--	5700	ND<0.10	12	--	0.70	-126
03/20/07	--	--	ND<1200	--	--	--	--	--	6700	ND<0.10	38	--	0.87	-94
09/26/07	--	--	ND<1200	--	--	--	--	--	3200	ND<0.10	48	--	0.36	-93
03/24/08	--	--	ND<250	--	--	--	--	--	2500	ND<0.10	36	--	1.32	84
<b>MW-7</b>														
05/17/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	66	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	96	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	4.6	-71	5.05	--
02/12/99	--	--	--	--	--	--	--	--	1800	--	--	450	--	--
02/02/00	--	--	--	--	--	--	--	--	812	ND	6.43	84	4.58	--
03/05/01	--	--	--	--	--	--	--	--	124	3.2	ND	464	4.81	--
02/22/02	--	--	--	--	--	--	--	--	ND<100	ND<0.50	2.4	610	4.14	--
03/10/03	--	--	--	--	--	--	--	--	5300	ND<1.0	14	230	1.4	--
02/05/04	--	--	ND<500	--	--	--	--	--	2600	ND<1.0	31	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	2900	ND<0.44	6.7	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	870	ND<1.0	41	-63	2.21	--
09/27/05	--	--	ND<250	--	--	--	--	--	5700	ND<0.10	12	--	6.74	-78
03/27/06	--	--	ND<250	--	--	--	--	--	5600	ND<0.10	51	--	0.79	-076

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-7 continued</b>														
09/20/06	--	--	ND<250	--	--	--	--	--	3600	ND<0.10	12	--	0.96	-79
03/20/07	--	--	ND<250	--	--	--	--	--	3900	ND<0.10	25	--	3.39	-71
09/26/07	--	--	ND<250	--	--	--	--	--	2900	ND<0.10	1.5	--	1.09	-60
03/24/08	--	--	ND<250	--	--	--	--	--	2200	0.21	36	--	1.01	117
<b>MW-8</b>														
11/03/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	110	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	41	90	4.95	--
02/12/99	--	--	--	--	--	--	--	--	150	--	--	470	--	--
02/02/00	--	--	--	--	--	--	--	--	ND	ND	47.5	111	5.24	--
03/05/01	--	--	--	--	--	--	--	--	ND	25	28.8	455	4.71	--
02/22/02	--	--	--	--	--	--	--	--	ND<100	0.56	37	630	5.1	--
03/10/03	--	--	--	--	--	--	--	--	ND<200	ND<1.0	50	280	1.4	--
02/05/04	--	--	ND<500	--	--	--	--	--	ND<200	ND<1.0	46	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	ND<100	ND<0.44	50	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	110	ND<1.0	49	25	1.30	--
09/27/05	--	--	ND<250	--	--	--	--	--	ND<100	ND<0.10	51	--	6.62	024
03/27/06	--	--	ND<250	--	--	--	--	--	ND<100	ND<0.10	42	--	1.61	-021

**Table 2 a**  
**ADDITIONAL HISTORICAL ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-8 continued</b>														
09/20/06	--	--	ND<250	--	--	--	--	--	ND<100	ND<0.10	46	--	2.25	55
03/20/07	--	--	ND<250	--	--	--	--	--	ND<100	ND<0.10	45	--	6.37	5
09/26/07	--	--	ND<250	--	--	--	--	--	ND<100	ND<0.10	46	--	0.97	126
03/24/08	--	--	ND<250	--	--	--	--	--	160	ND<0.10	47	--	.71	121
<b>MW-9</b>														
11/03/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	65	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	76	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	22	30	78	4.77	--
02/12/99	--	--	--	--	--	--	--	--	260	--	--	470	--	--
02/02/00	--	--	--	--	--	--	--	--	ND	20.6	36.5	172	5.12	--
03/05/01	--	--	--	--	--	--	--	--	ND	27.1	30.5	468	5.28	--
02/22/02	--	--	--	--	--	--	--	--	ND<100	22	28	620	5.33	--
03/10/03	--	--	--	--	--	--	--	--	ND<200	27	29	250	1.1	--
02/05/04	--	--	ND<500	--	--	--	--	--	ND<200	ND<1.0	32	--	--	--
08/26/04	--	--	ND<1000	--	--	--	--	--	ND<100	28.6	27	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	55	32	30	-64	2.16	--
09/27/05	--	--	ND<250	--	--	--	--	--	ND<100	7.0	27	--	3.28	-008
03/27/06	--	--	ND<250	--	--	--	--	--	160	8.2	28	--	1.78	-016

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

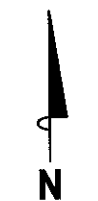
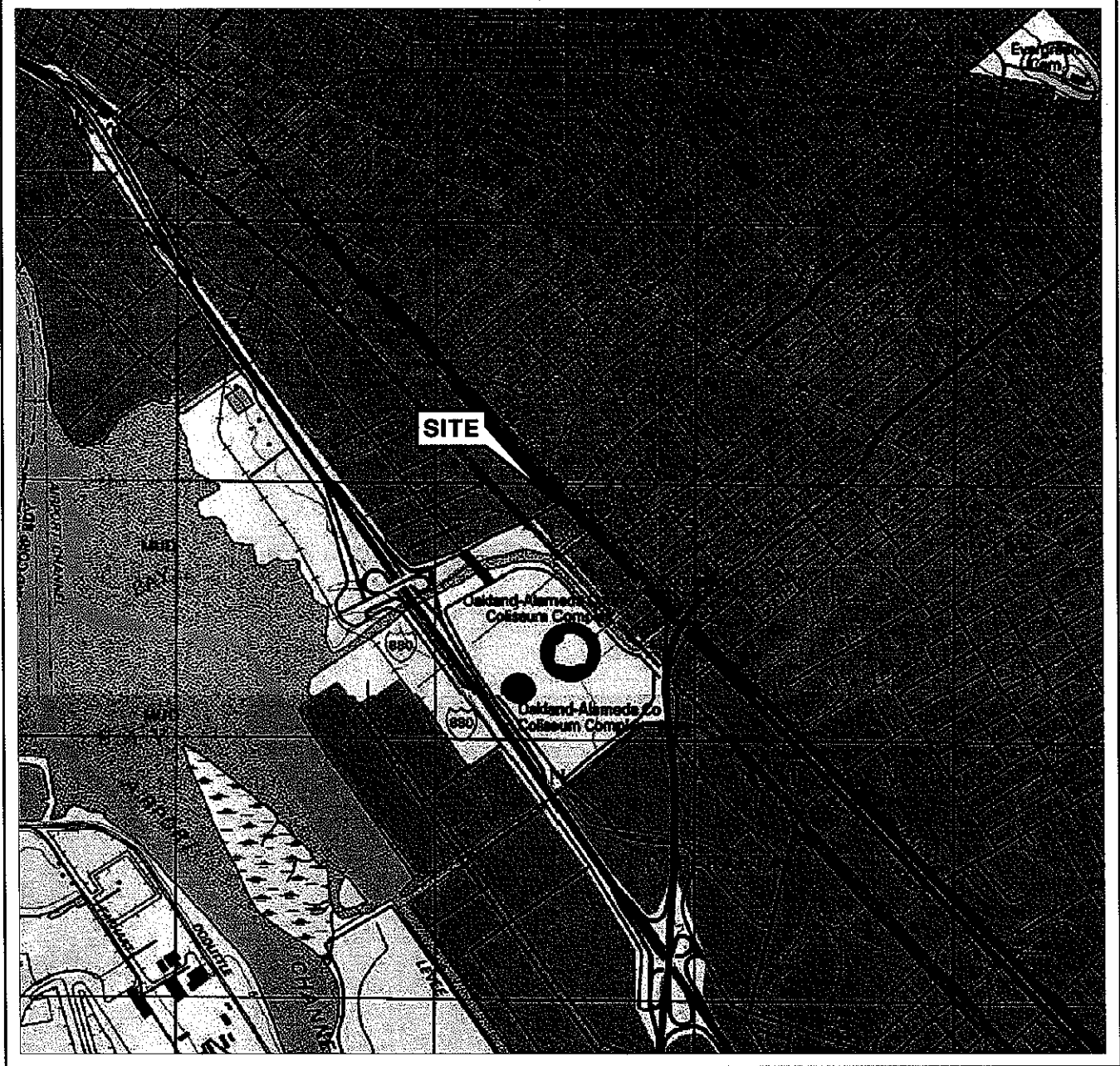
Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-9 continued</b>														
09/20/06	--	--	ND<250	--	--	--	--	--	100	6.8	28	--	1.91	19
03/20/07	--	--	ND<250	--	--	--	--	--	320	7.0	26	--	1.40	1
09/26/07	--	--	ND<250	--	--	--	--	--	ND<100	6.4	25	--	1.81	111
03/24/08	--	--	ND<250	--	--	--	--	--	170	7.8	27	--	0.80	60
<b>MW-10</b>														
11/03/92	160	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/93	97	--	--	--	--	--	--	--	--	--	--	--	--	--
11/11/93	88	--	--	--	--	--	--	--	--	--	--	--	--	--
02/10/94	71	--	--	--	--	--	--	--	--	--	--	--	--	--
05/05/94	55	--	--	--	--	--	--	--	--	--	--	--	--	--
08/02/94	110	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/94	120	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/95	72	--	--	--	--	--	--	--	--	--	--	--	--	--
05/02/95	99	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/95	260	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/95	280	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/96	320	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	--	--	--	--	--	--	--	--	--	ND	36	94	4.02	--
02/12/99	--	--	--	--	--	--	--	--	240	--	--	470	--	--
02/02/00	--	--	--	--	--	--	--	--	16.5	ND	40.1	110	4.84	--
03/05/01	--	--	--	--	--	--	--	--	24.8	3.17	66.7	461	3.7	--
02/22/02	--	ND<620	ND<3100	ND<12	ND<12	ND<12	ND<12	ND<12	ND<100	ND<0.50	30	590	4.58	--
03/10/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	ND<200	ND<1.0	45	270	1.6	--
02/05/04	--	--	ND<2500	--	--	--	--	--	ND<200	ND<1.0	45	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 3135**

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)	Iron Ferrou (µg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Redox Potential (ORP-Lab) (mV)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
<b>MW-10 continued</b>														
08/26/04	--	--	ND<1000	--	--	--	--	--	1100	ND<0.44	49	--	--	--
02/14/05	--	--	ND<50	--	--	--	--	--	490	ND<1.0	31	-17	2.02	--
09/27/05	--	--	ND<250	--	--	--	--	--	120	ND<0.10	35	--	4.20	-031
03/27/06	--	--	ND<250	--	--	--	--	--	290	ND<0.10	38	--	2.17	022
09/20/06	--	--	ND<250	--	--	--	--	--	2000	ND<0.10	35	--	1.52	-20
03/20/07	--	--	ND<250	--	--	--	--	--	990	ND<0.10	36	--	6.90	30
09/26/07	--	--	ND<250	--	--	--	--	--	1000	ND<0.10	38	--	0.43	30
03/24/08	--	--	ND<250	--	--	--	--	--	830	ND<0.10	37	--	1.03	77
<b>MW-11</b>														
08/10/01	110	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--
02/22/02	99	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	3.57	--
03/10/03	75	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	1.5	--
08/26/04	ND<200	ND<12	ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	--	--
02/14/05	ND<50	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--
09/27/05	ND<200	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	5.37	-52
03/27/06	ND<200	43	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	1.18	-044
09/20/06	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	1.02	-59
03/20/07	66	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	1.03	-27
09/26/07	74	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	0.33	-73
03/24/08	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	1.13	152

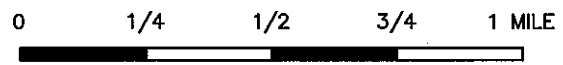
# FIGURES

PS-1:1 L:\QMS VICINITY M A P S\3135vm.dwg Nov 15, 2007 - 11:21am cwuog



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Oakland West Quadrangle



SCALE 1:24,000






PROJECT: 154771

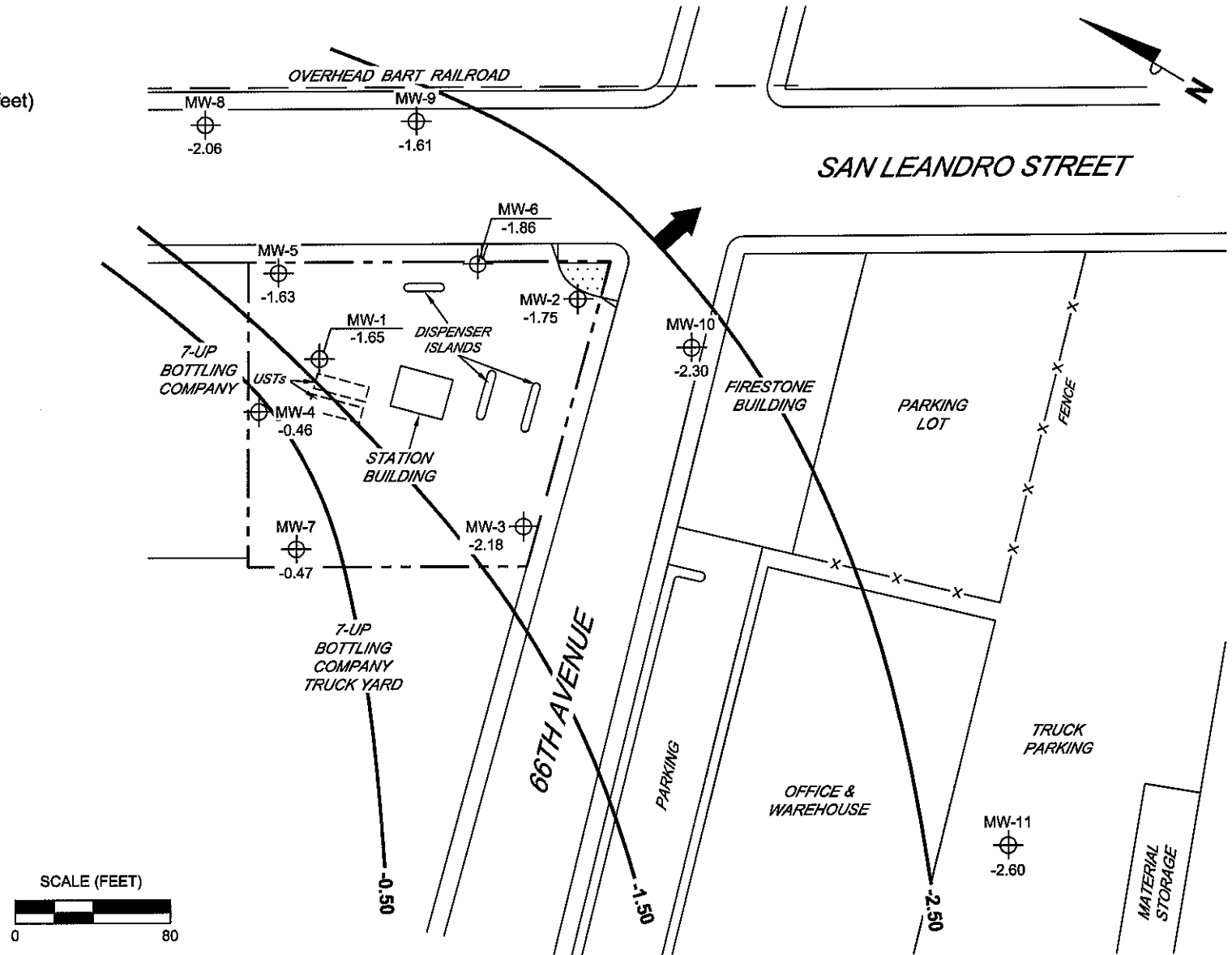
FACILITY:  
76 STATION 3135  
845 66th AVENUE  
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

**LEGEND**

- MW-11  Monitoring Well with Groundwater Elevation (feet)
- 0.50  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.



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OAKLAND, CALIFORNIA

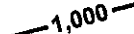
**GROUNDWATER ELEVATION  
CONTOUR MAP  
March 24, 2008**

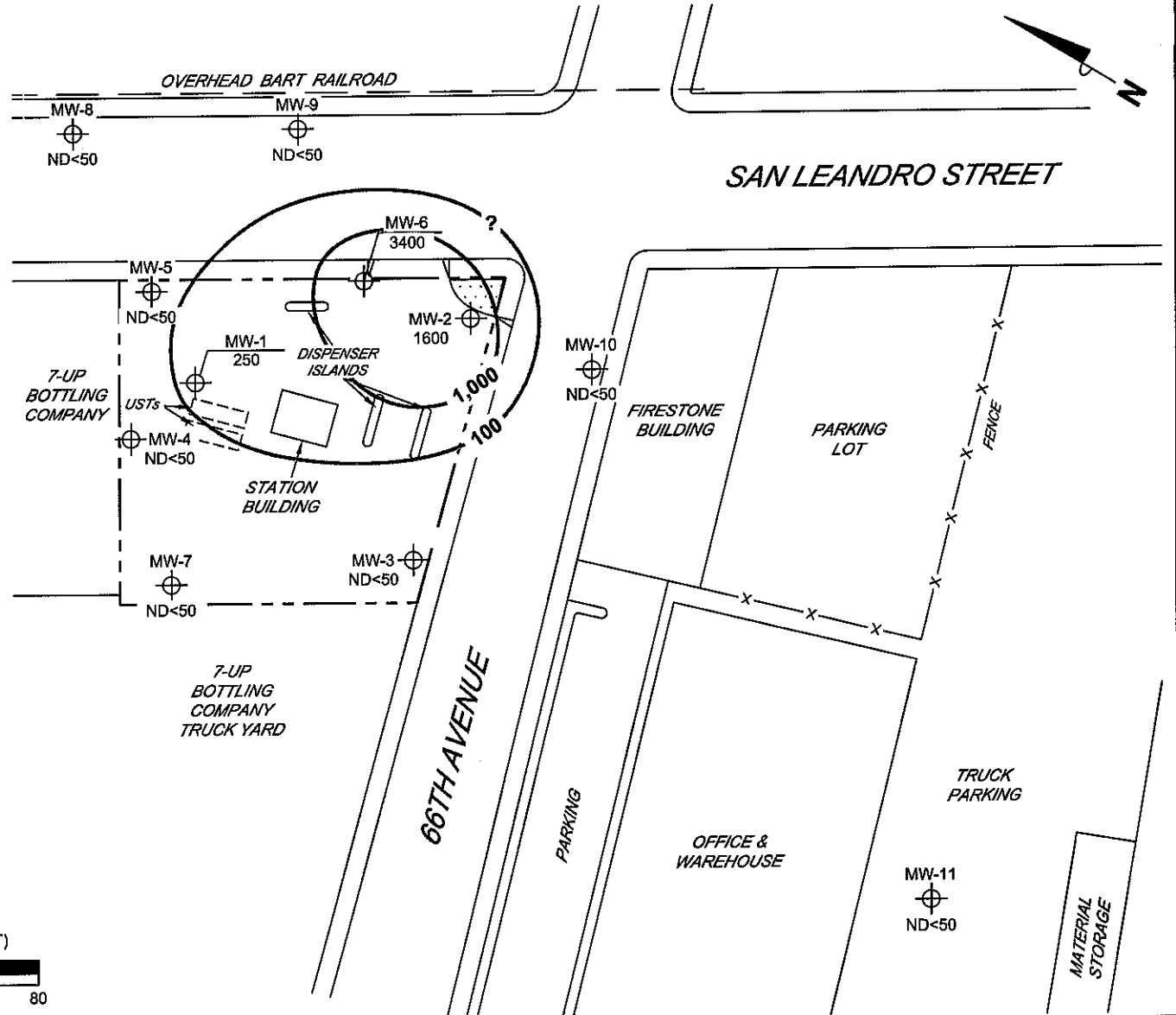
**FIGURE 2**



**LEGEND**

MW-11  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )

 1,000 Dissolved-Phase TPH-G (GC/MS) Contour ( $\mu\text{g/l}$ )



**NOTES:**

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




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 OAKLAND, CALIFORNIA

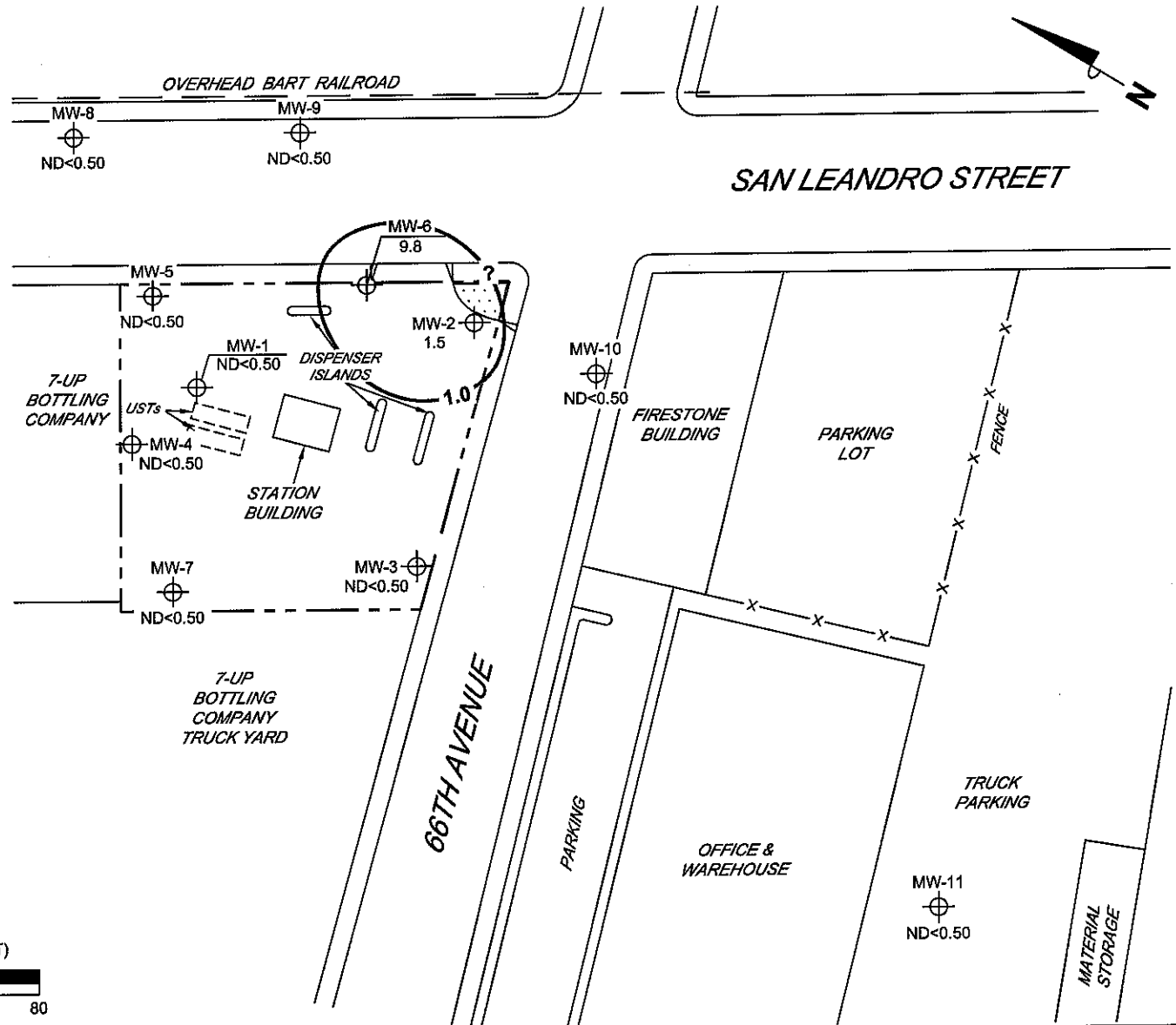
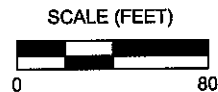
**DISSOLVED-PHASE TPH-G (GC/MS)  
 CONCENTRATION MAP**  
 March 24, 2008

**FIGURE 3**

**LEGEND**

MW-11  Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ )

 1.0 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.




PROJECT: 154771

FACILITY:  
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 OAKLAND, CALIFORNIA

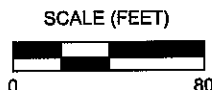
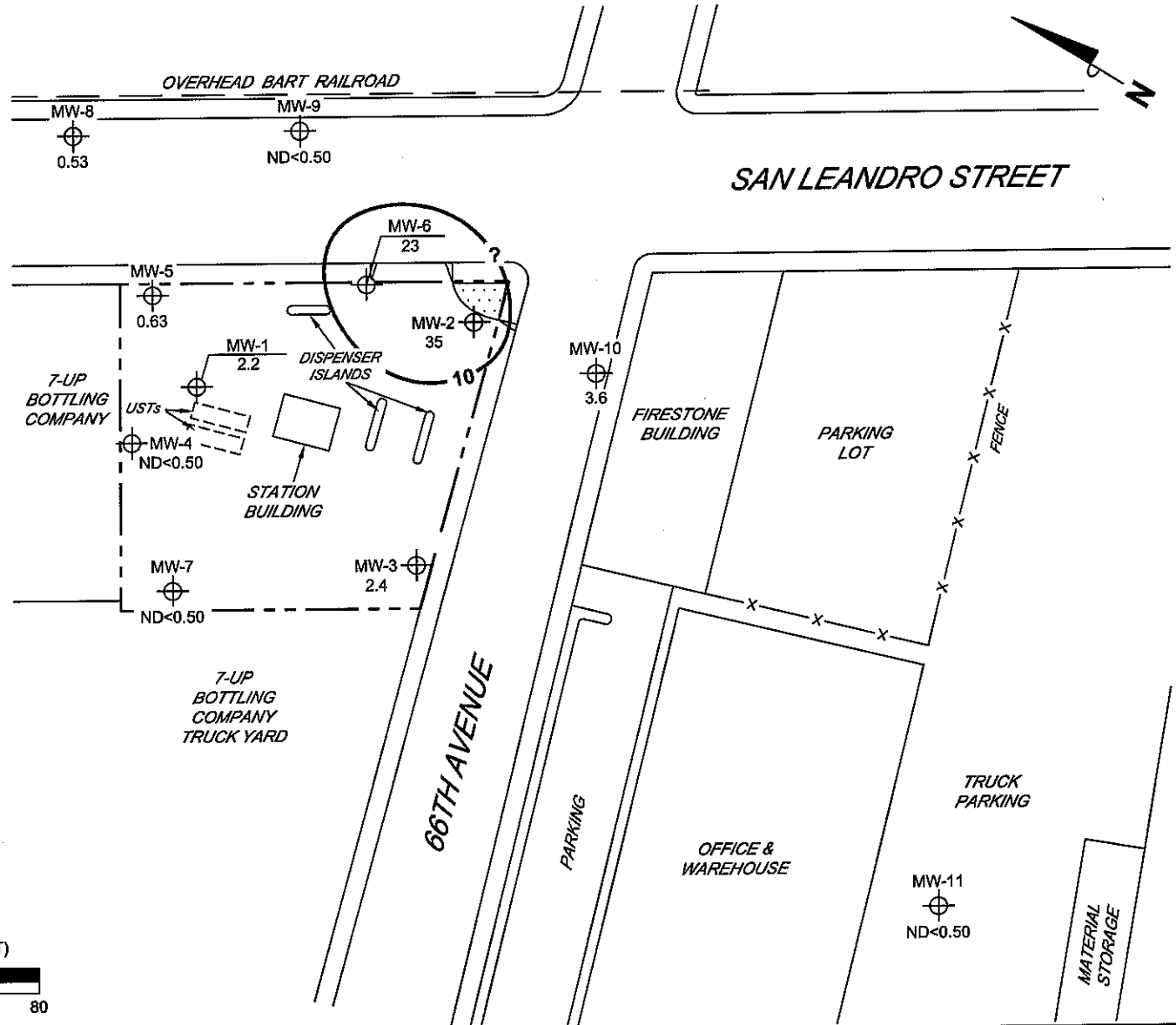
**DISSOLVED-PHASE BENZENE  
 CONCENTRATION MAP  
 March 24, 2008**

**FIGURE 4**

**LEGEND**

MW-11  Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )

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



**NOTES:**

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



PROJECT: 154771

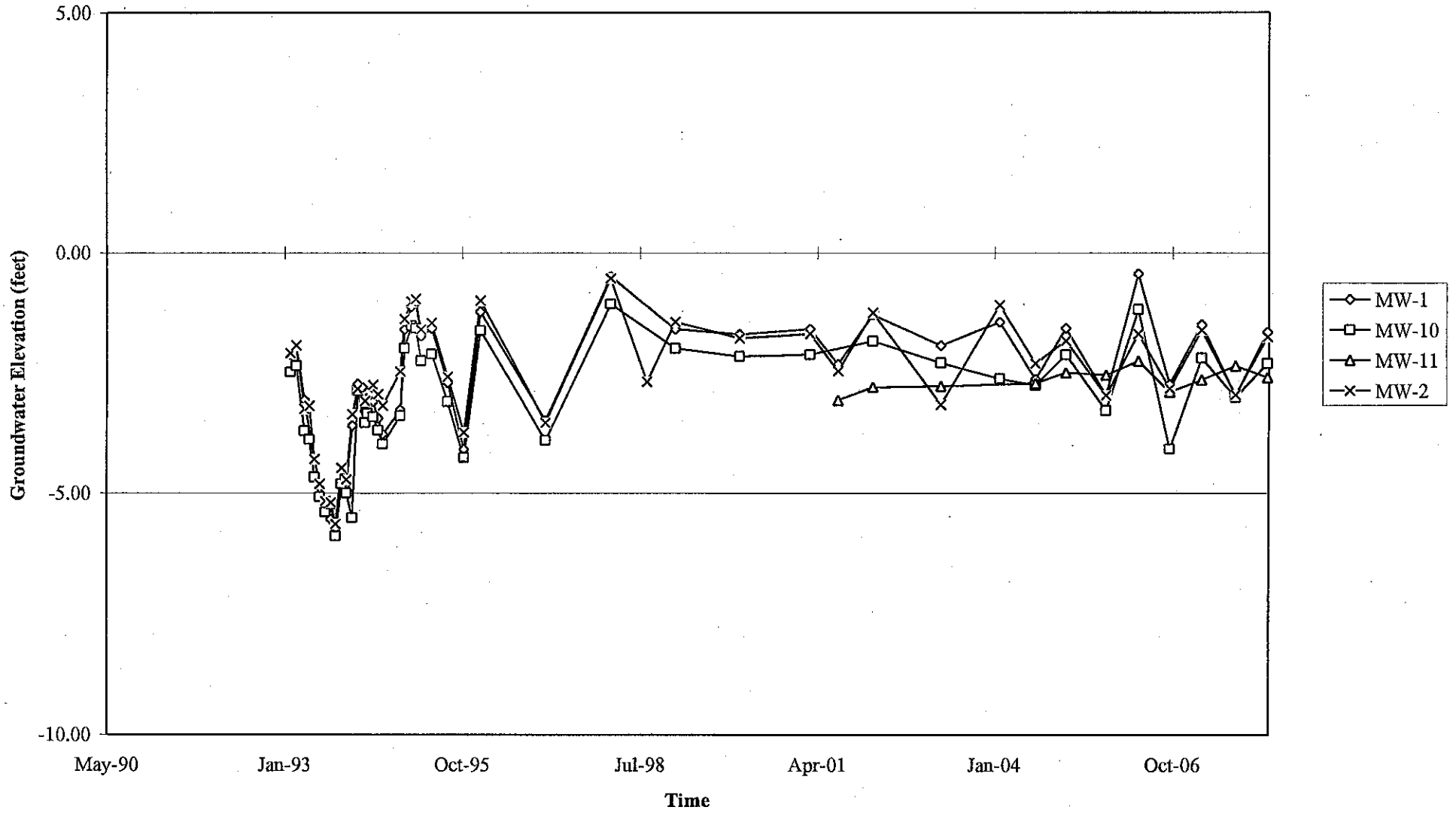
FACILITY:  
 76 STATION 3135  
 845 66TH AVENUE  
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE  
 CONCENTRATION MAP**  
 March 24, 2008

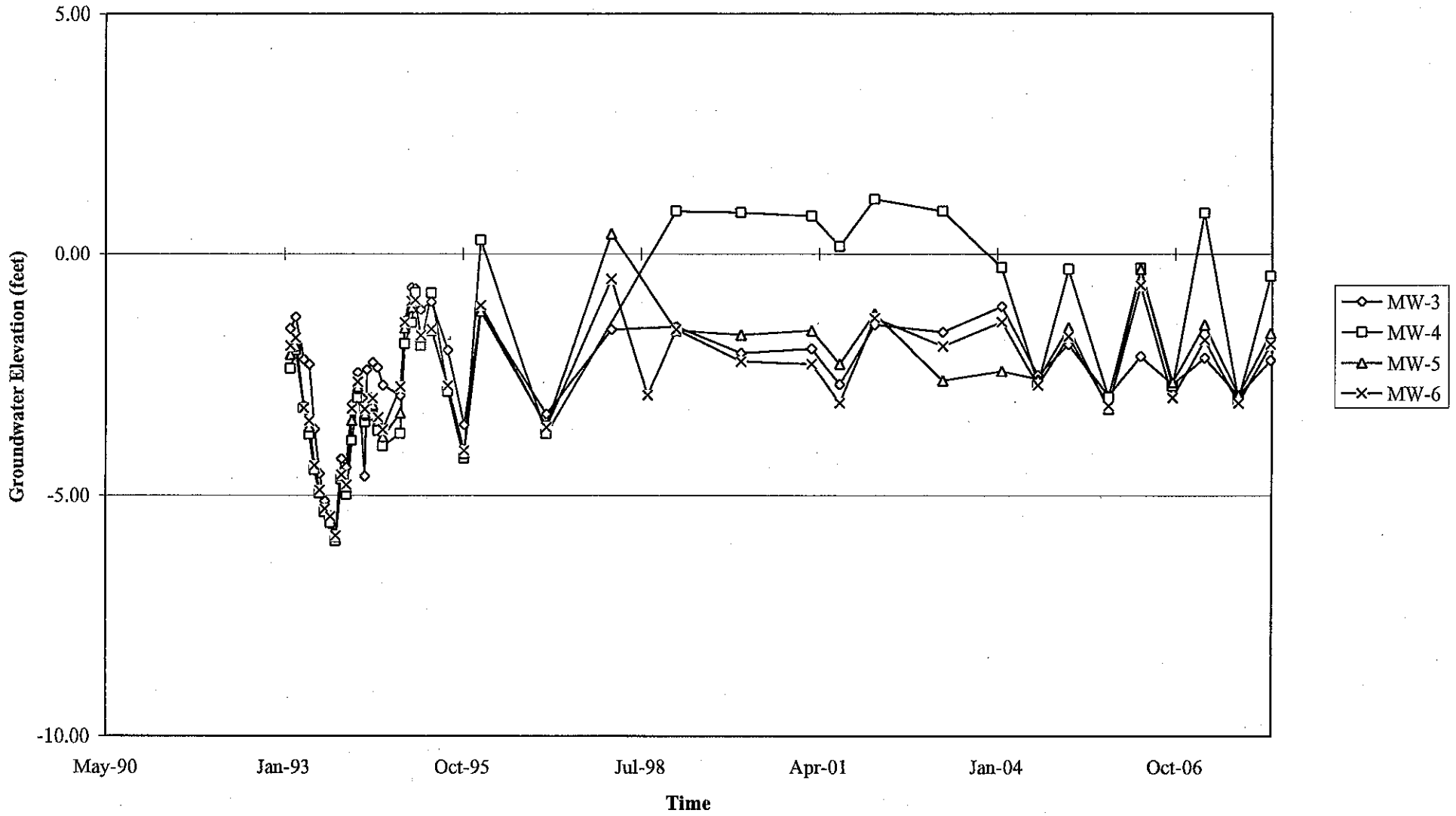
**FIGURE 5**

# GRAPHS

Groundwater Elevations vs. Time  
76 Station 3135

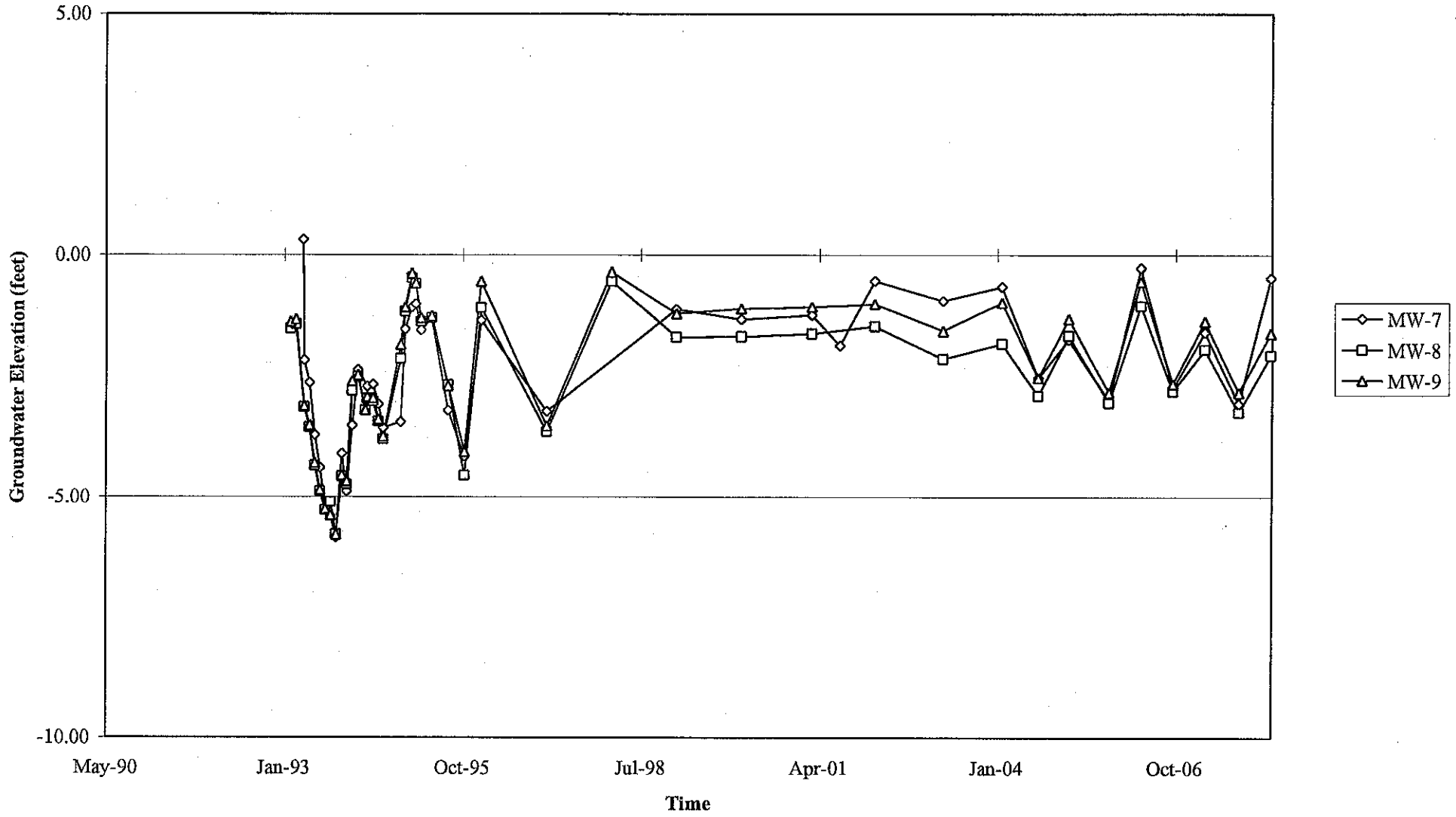


Groundwater Elevations vs. Time  
76 Station 3135



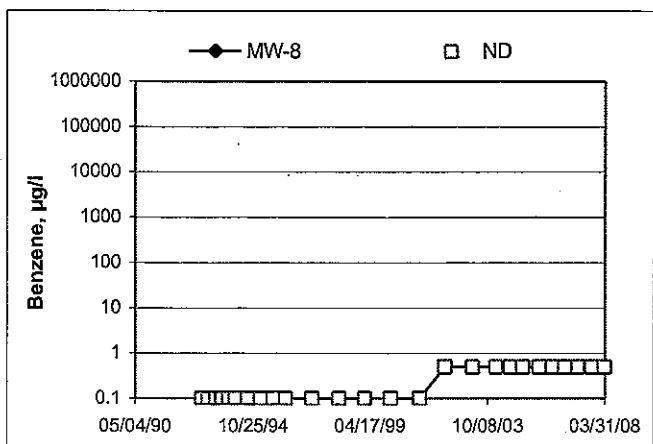
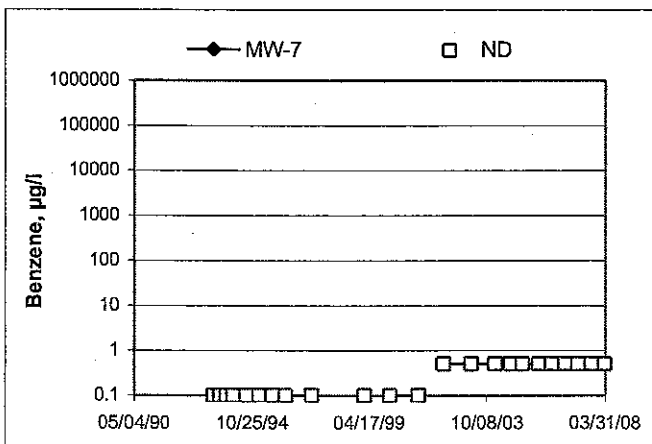
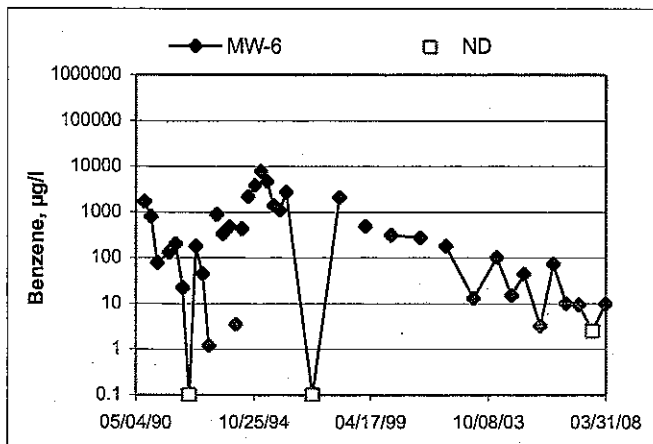
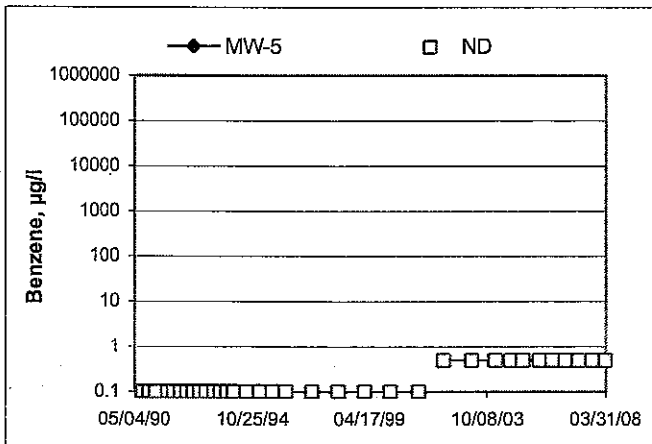
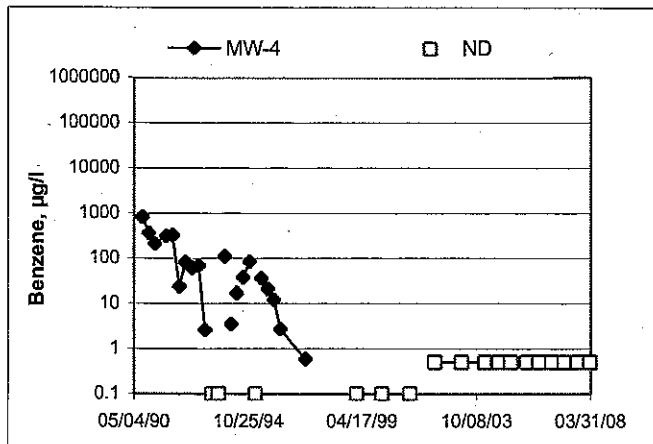
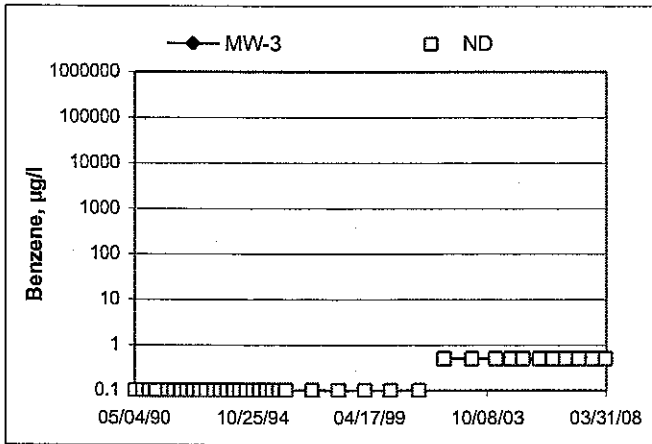
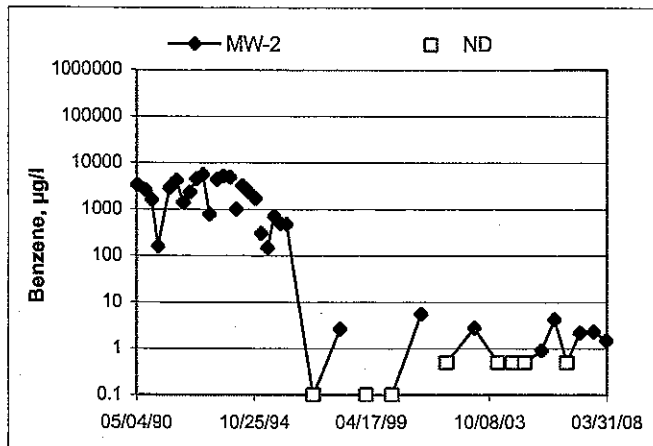
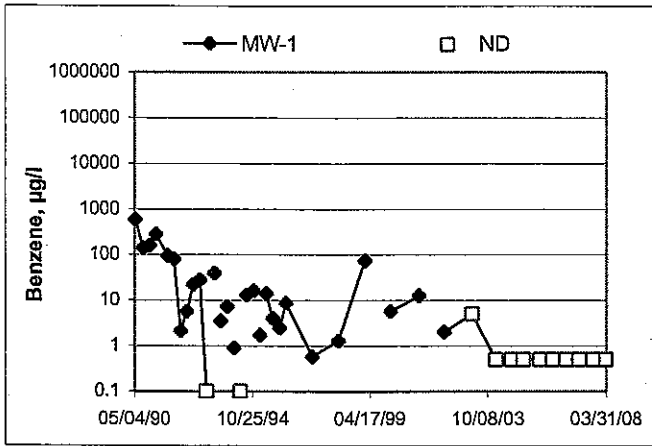
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 3135



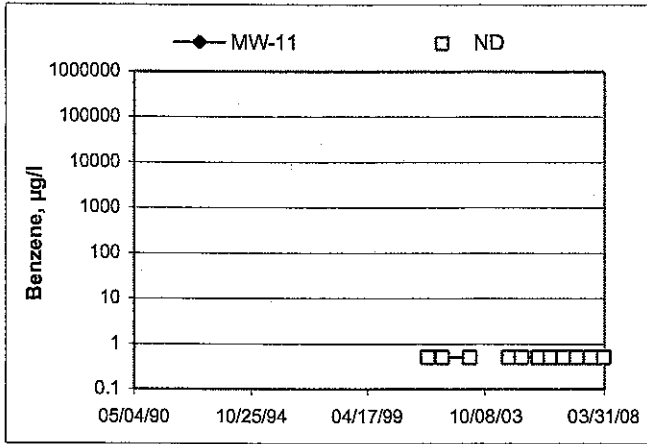
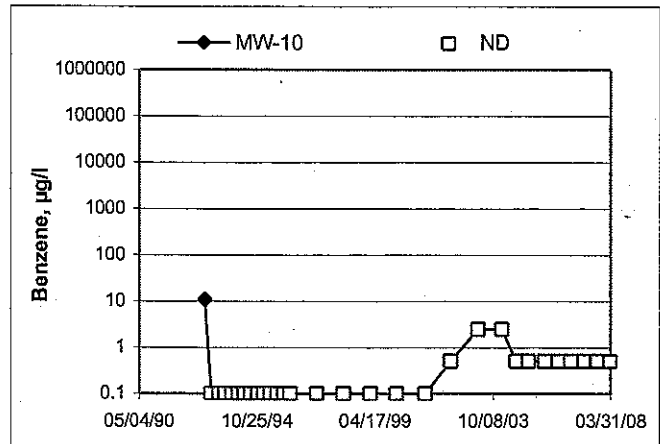
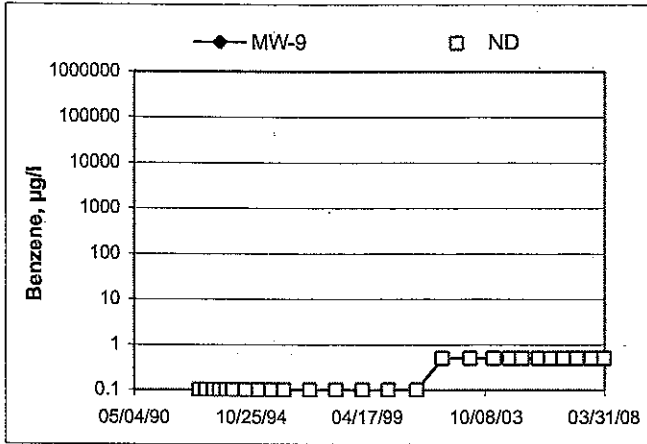
Elevations may have been corrected for apparent changes due to resurvey

**Benzene Concentrations vs Time**  
76 Station 3135





### Benzene Concentrations vs Time 76 Station 3135



## GENERAL FIELD PROCEDURES

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

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

### **Fluid Level Measurements**

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

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

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

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

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

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

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

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

## **Groundwater Sample Collection**

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

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

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

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

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

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

## **Decontamination**

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

## **Exceptions**

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



# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidners

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-9

Purge Method: DIA

Depth to Water (feet): 6.21

Depth to Product (feet):       

Total Depth (feet): 23.08

LPH & Water Recovered (gallons):       

Water Column (feet): 16.87

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.58

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE						0.80	60	
0821			3	533.6	16.7	7.84			
			6	524.7	17.1	7.66			
	0823		9	569.1	16.4	7.98			
Static at Time Sampled			Total Gallons Purged		Sample Time				
6.92			9		0827				
Comments:									

Well No. MW-8

Purge Method: DIA

Depth to Water (feet): 6.49

Depth to Product (feet):       

Total Depth (feet): 23.50

LPH & Water Recovered (gallons):       

Water Column (feet): 17.01

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.89

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE						.71	121	
0840		<del>0841</del>	3	695.2	17.3	6.74			
			6	715.0	17.7	6.71			
	0843		9	703.7	16.8	6.76			
Static at Time Sampled			Total Gallons Purged		Sample Time				
8.62			9		0847				
Comments:									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidners

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-11

Purge Method: NA

Depth to Water (feet): 5.23

Depth to Product (feet): —

Total Depth (feet): 20.55

LPH & Water Recovered (gallons): —

Water Column (feet): 15.32

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.89

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE						1.13	152	
0757			2	1563	17.6	6.73			
			4	1571	17.9	6.73			
	0758		6	1585	17.5	6.74			
Static at Time Sampled			Total Gallons Purged		Sample Time				
6.81			6		0803				
Comments:									

Well No. MW-7

Purge Method: DIA

Depth to Water (feet): 4.92

Depth to Product (feet): —

Total Depth (feet): 19.80

LPH & Water Recovered (gallons): ✓

Water Column (feet): 14.88

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.00

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0904			2	1180	16.4	6.74			
			4	1191	17.7	6.75			
	0905		6	1186	18.2	6.76			
PRE	PURGE						1.07	117	
Static at Time Sampled			Total Gallons Purged		Sample Time				
7.63			6		0910				
Comments:									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidars

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-5

Purge Method: DIA

Depth to Water (feet): 5.94

Depth to Product (feet):       

Total Depth (feet): 25.90

LPH & Water Recovered (gallons):       

Water Column (feet): 19.96

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.93

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE						0.54	80	
0924			3	1014	18.3	6.93			
			6	996.4	18.5	6.86			
	0926		9	987.2	18.6	6.82			
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.72			9			0931			
Comments:									

Well No. MW-4

Purge Method: DIA

Depth to Water (feet): 5.47

Depth to Product (feet):       

Total Depth (feet): 25.00

LPH & Water Recovered (gallons):       

Water Column (feet): 19.53

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.38

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE						.72	32	
0940			3	989.2	19.3	6.94			
	0942		6	981.9	19.0	6.94			
	<del>0942</del> AV		9						
Static at Time Sampled			Total Gallons Purged			Sample Time			
7.49			6			1207			
Comments: <u>Went dry @ 6 gallons. Did not recharge in 45 min.</u>									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidwers

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-1

Purge Method: DIA

Depth to Water (feet): 6.61

Depth to Product (feet):       

Total Depth (feet) 22.65

LPH & Water Recovered (gallons):       

Water Column (feet): 16.04

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.82

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>PRE</u>	<u>PURGE</u>								
<u>0959</u>			<u>3</u>	<u>1544</u>	<u>20.2</u>	<u>7.20</u>		<u>.44</u>	<u>110</u>
			<u>6</u>	<u>1670</u>	<u>19.6</u>	<u>7.13</u>			
	<u>1007</u>		<u>9</u>	<u>1785</u>	<u>19.6</u>	<u>7.06</u>			
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>7.97</u>			<u>9</u>		<u>1008</u>				
Comments:									

Well No. MW-3

Purge Method: DIA

Depth to Water (feet): 5.30

Depth to Product (feet):       

Total Depth (feet) 21.60

LPH & Water Recovered (gallons):       

Water Column (feet): 16.30

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.56

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>PRE</u>	<u>PURGE</u>								
<u>1023</u>			<u>3</u>	<u>1165</u>	<u>19.8</u>	<u>6.98</u>		<u>.59</u>	<u>25</u>
			<u>6</u>	<u>1083</u>	<u>18.3</u>	<u>6.92</u>			
	<u>1025</u>		<u>9</u>	<u>1064</u>	<u>18.7</u>	<u>6.87</u>			
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>8.56</u>			<u>9</u>		<u>1035</u>				
Comments:									



## GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidners

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-10

Purge Method: DIA

Depth to Water (feet): 4.99

Depth to Product (feet): —

Total Depth (feet) 21.10

LPH & Water Recovered (gallons): —

Water Column (feet): 16.11

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.21

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>PRE</u>	<u>PURGE</u>						<u>1.03</u>	<u>77</u>	
<u>1101</u>			<u>3</u>	<u>1249</u>	<u>21.5</u>	<u>7.36</u>			
			<u>6</u>	<u>1327</u>	<u>20.0</u>	<u>7.31</u>			
	<u>1103</u>		<u>9</u>	<u>1347</u>	<u>19.6</u>	<u>7.27</u>			
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>5.91</u>			<u>9</u>		<u>1108</u>				
<b>Comments:</b>									

Well No. MW-6

Purge Method: DIA

Depth to Water (feet): 5.91

Depth to Product (feet): —

Total Depth (feet) 25.79

LPH & Water Recovered (gallons): —

Water Column (feet): 19.88

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.89

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>PRE</u>	<u>PURGE</u>						<u>1.32</u>	<u>84</u>	
<u>1123</u>			<u>3</u>	<u>1336</u>	<u>21.6</u>	<u>7.47</u>			
			<u>6</u>	<u>1241</u>	<u>20.6</u>	<u>7.42</u>			
	<u>1125</u>		<u>9</u>	<u>1199</u>	<u>20.5</u>	<u>7.37</u>			
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>7.03</u>			<u>9</u>		<u>1130</u>				
<b>Comments:</b>									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidners

Site: 3135

Project No.: 154771

Date: 03/24/08

Well No. MW-2  
 Depth to Water (feet): 5.31  
 Total Depth (feet) 22.50  
 Water Column (feet): 17.19  
 80% Recharge Depth(feet): 8.75

Purge Method: DIA  
 Depth to Product (feet):         
 LPH & Water Recovered (gallons):         
 Casing Diameter (Inches): 2  
 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
PRE	PURGE								
1141			3	762.1	21.4	6.94	.41	12	
			6	734.0	19.7	6.87			
	1143		9	779.7	19.5	6.81			
Static at Time Sampled			Total Gallons Purged			Sample Time			
7.69			9			1148			
Comments:									

Well No. \_\_\_\_\_  
 Depth to Water (feet): \_\_\_\_\_  
 Total Depth (feet) \_\_\_\_\_  
 Water Column (feet): \_\_\_\_\_  
 80% Recharge Depth(feet): \_\_\_\_\_

Purge Method: \_\_\_\_\_  
 Depth to Product (feet): \_\_\_\_\_  
 LPH & Water Recovered (gallons): \_\_\_\_\_  
 Casing Diameter (Inches): \_\_\_\_\_  
 1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
Static at Time Sampled			Total Gallons Purged			Sample Time			
Comments:									



Date of Report: 04/01/2008

Anju Farfan

TRC  
21 Technology Drive  
Irvine, CA 92618

RE: 3135  
BC Work Order: 0803831

Enclosed are the results of analyses for samples received by the laboratory on 03/24/2008 20:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Molly Meyers", is written above a horizontal line.

Contact Person: Molly Meyers  
Client Service Rep

A handwritten signature in cursive script is written above a horizontal line.

Authorized Signature

TRC  
 21 Technology Drive  
 Irvine, CA 92618

 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0803831-01	COC Number: --- Project Number: 3135 Sampling Location: MW-9 Sampling Point: MW-9 Sampled By: TRCI	Receive Date: 03/24/2008 20:50 Sampling Date: 03/24/2008 08:27 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101488 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0803831-02	COC Number: --- Project Number: 3135 Sampling Location: MW-8 Sampling Point: MW-8 Sampled By: TRCI	Receive Date: 03/24/2008 20:50 Sampling Date: 03/24/2008 08:47 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101488 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0803831-03	COC Number: --- Project Number: 3135 Sampling Location: MW-11 Sampling Point: MW-11 Sampled By: TRCI	Receive Date: 03/24/2008 20:50 Sampling Date: 03/24/2008 08:03 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101488 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0803831-04	COC Number: --- Project Number: 3135 Sampling Location: MW-7 Sampling Point: MW-7 Sampled By: TRCI	Receive Date: 03/24/2008 20:50 Sampling Date: 03/24/2008 09:10 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101488 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0803831-05	COC Number: --- Project Number: 3135 Sampling Location: MW-5 Sampling Point: MW-5 Sampled By: TRCI	Receive Date: 03/24/2008 20:50 Sampling Date: 03/24/2008 09:31 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101488 Matrix: W Sample QC Type (SACode): CS Cooler ID:



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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0803831-06	COC Number:	---		03/24/2008 20:50	03/24/2008 12:07	---	Water		T0600101488	W	CS	
	Project Number:	3135										
	Sampling Location:	MW-4										
	Sampling Point:	MW-4										
	Sampled By:	TRCI										
0803831-07	COC Number:	---		03/24/2008 20:50	03/24/2008 10:08	---	Water		T0600101488	W	CS	
	Project Number:	3135										
	Sampling Location:	MW-1										
	Sampling Point:	MW-1										
	Sampled By:	TRCI										
0803831-08	COC Number:	---		03/24/2008 20:50	03/24/2008 10:35	---	Water		T0600101488	W	CS	
	Project Number:	3135										
	Sampling Location:	MW-3										
	Sampling Point:	MW-3										
	Sampled By:	TRCI										
0803831-09	COC Number:	---		03/24/2008 20:50	03/24/2008 11:08	---	Water		T0600101488	W	CS	
	Project Number:	3135										
	Sampling Location:	MW-10										
	Sampling Point:	MW-10										
	Sampled By:	TRCI										
0803831-10	COC Number:	---		03/24/2008 20:50	03/24/2008 11:30	---	Water		T0600101488	W	CS	
	Project Number:	3135										
	Sampling Location:	MW-6										
	Sampling Point:	MW-6										
	Sampled By:	TRCI										



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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0803831-11	COC Number:	---	Receive Date: 03/24/2008 20:50
	Project Number:	3135	Sampling Date: 03/24/2008 11:48
	Sampling Location:	MW-2	Sample Depth: ---
	Sampling Point:	MW-2	Sample Matrix: Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101488
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

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 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 3135, MW-9, MW-9, 3/24/2008 8:27:00AM												
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	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	96.1	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:27	ANO	MS-V4	1	BRC1359		

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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Water Analysis (General Chemistry)

<b>BCL Sample ID:</b> 0803831-01		<b>Client Sample Name:</b> 3135, MW-9, MW-9, 3/24/2008 8:27:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	7.8	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 09:01	FAD	IC1	1	BRC1451	ND	
Sulfate	27	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 09:01	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	170	ug/L	100		SM-3500-F	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	



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 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0803831-02												
Client Sample Name:	3135, MW-8, MW-8, 3/24/2008 8:47:00AM												
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	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	0.53	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	99.6	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 17:51	ANO	MS-V4	1	BRC1359		

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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Water Analysis (General Chemistry)

BCL Sample ID:	0803831-02												
Client Sample Name:	3135, MW-8, MW-8, 3/24/2008 8:47:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 10:02	FAD	IC1	1	BRC1451	ND	
Sulfate	47	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 10:02	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	160	ug/L	100		SM-3500-Fc	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	

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 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-03		Client Sample Name: 3135, MW-11, MW-11, 3/24/2008 8:03:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/25/08 23:09	ANO	MS-V4	1	BRC1359		



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Irvine, CA 92618

Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

### Total Petroleum Hydrocarbons

BCL Sample ID: 0803831-03		Client Sample Name: 3135, MW-11, MW-11, 3/24/2008 8:03:00AM											
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	03/25/08	03/27/08 08:25	PTL	GC-5	1	BRC1621	ND	
Tetracosane (Surrogate)	46.2	%	28 - 139 (LCL - UCL)		Luft/TPHd	03/25/08	03/27/08 08:25	PTL	GC-5	1	BRC1621		

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 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-04		Client Sample Name: 3135, MW-7, MW-7, 3/24/2008 9:10:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep	Run		Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time	Analyst			Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	ND
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:33	ANO	MS-V4	1	BRC1359	

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## Water Analysis (General Chemistry)

<b>BCL Sample ID:</b> 0803831-04		<b>Client Sample Name:</b> 3135, MW-7, MW-7, 3/24/2008 9:10:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	0.21	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 10:17	FAD	IC1	1	BRC1451	ND	
Sulfate	36	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 10:17	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	2200	ug/L	100		SM-3500-F	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-05		Client Sample Name: 3135, MW-5, MW-5, 3/24/2008 9:31:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep	Run		Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time	Batch ID				Bias	Quals	
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	0.63	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/25/08	23:58	ANO	MS-V4	1	BRC1359		

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## Water Analysis (General Chemistry)

BCL Sample ID:	0803831-05		Client Sample Name:	3135, MW-5, MW-5, 3/24/2008 9:31:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	0.45	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 10:32	FAD	IC1	1	BRC1451	ND	
Sulfate	43	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 10:32	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	2800	ug/L	100		SM-3500-Fc	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-06		Client Sample Name: 3135, MW-4, MW-4, 3/24/2008 12:07:00PM											
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	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	99.4	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:22	ANO	MS-V4	1	BRC1359		



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### Water Analysis (General Chemistry)

BCL Sample ID: 0803831-06    Client Sample Name: 3135, MW-4, MW-4, 3/24/2008 12:07:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep	Run		Instru- ment ID	Dilution	QC	MB	Lab	
						Date	Date/Time	Analyst			Batch ID	Bias	Quals	
Nitrate as N	6.9	mg/L	0.10		EPA-300.0	03/25/08	03/25/08	10:47	FAD	IC1	1	BRC1451	ND	
Sulfate	42	mg/L	1.0		EPA-300.0	03/25/08	03/25/08	10:47	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	160	ug/L	100		SM-3500-F	03/25/08	03/25/08	03:25	MRM	SPEC05	1	BRC1431	ND	

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0803831-07												
Client Sample Name:	3135, MW-1, MW-1, 3/24/2008 10:08:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quas
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	2.2	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	250	ug/L	50		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 00:46	ANO	MS-V4	1	BRC1359		



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## Water Analysis (General Chemistry)

<b>BCL Sample ID:</b> 0803831-07		<b>Client Sample Name:</b> 3135, MW-1, MW-1, 3/24/2008 10:08:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 16:36	FAD	IC1	1	BRC1451	ND	
Sulfate	24	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 16:36	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	2800	ug/L	100		SM-3500-F	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-08		Client Sample Name: 3135, MW-3, MW-3, 3/24/2008 10:35:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quails
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	2.4	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	98.2	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:11	ANO	MS-V4	1	BRC1359		

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## Water Analysis (General Chemistry)

BCL Sample ID:	Client Sample Name: 3135, MW-3, MW-3, 3/24/2008 10:35:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 12:18	FAD	IC1	1	BRC1451	ND	
Sulfate	76	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 12:18	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	7400	ug/L	200		SM-3500-F	03/25/08	03/25/08 03:25	MRM	SPEC05	2	BRC1431	ND	A01

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803831-09		Client Sample Name: 3135, MW-10, MW-10, 3/24/2008 11:08:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Methyl t-butyl ether	3.6	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	97.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/26/08 01:35	ANO	MS-V4	1	BRC1359		



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### Water Analysis (General Chemistry)

BCL Sample ID: 0803831-09 | Client Sample Name: 3135, MW-10, MW-10, 3/24/2008 11:08:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/25/08	03/25/08 16:51	FAD	IC1	1	BRC1451	ND	
Sulfate	37	mg/L	1.0		EPA-300.0	03/25/08	03/25/08 16:51	FAD	IC1	1	BRC1451	ND	
Iron (II) Species	830	ug/L	100		SM-3500-F	03/25/08	03/25/08 03:25	MRM	SPEC05	1	BRC1431	ND	





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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 3135, MW-6, MW-6, 3/24/2008 11:30:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	9.8	ug/L	0.50		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359	ND	
Ethylbenzene	160	ug/L	2.5		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359	ND	A01
Methyl t-butyl ether	23	ug/L	0.50		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359	ND	
Toluene	0.99	ug/L	0.50		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359	ND	
Total Xylenes	370	ug/L	5.0		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359	ND	A01
Ethanol	ND	ug/L	250		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359	ND	
Total Purgeable Petroleum Hydrocarbons	3400	ug/L	250		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359		
4-Bromofluorobenzene (Surrogate)	98.1	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/29/08 06:13	ANO	MS-V4	5	BRC1359		
4-Bromofluorobenzene (Surrogate)	95.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/25/08	03/28/08 02:36	ANO	MS-V4	1	BRC1359		

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## 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)	BRC1621	Matrix Spike	0802904-33	0	326.89	500.00	ug/L	10.8	65.4	30	36 - 130
		Matrix Spike Duplicate	0802904-33	0	364.66	500.00					
Tetracosane (Surrogate)	BRC1621	Matrix Spike	0802904-33	ND	13.623	20.000	ug/L		68.1		28 - 139
		Matrix Spike Duplicate	0802904-33	ND	14.050	20.000					

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## Water Analysis (General Chemistry)

### 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
Iron (II) Species	BRC1431	Duplicate	0803829-03	33.333	ND		ug/L			10	
Iron (II) Species	BRC1432	Duplicate	0803831-11	20372	20415		ug/L	0.2		10	A01
Nitrate as N	BRC1451	Duplicate	0803831-01	7.8450	7.9260		mg/L	1.0		10	
		Matrix Spike	0803831-01	7.8450	13.012	5.0505	mg/L		102		80 - 120
		Matrix Spike Duplicate	0803831-01	7.8450	12.993	5.0505	mg/L	0	102	10	80 - 120
Sulfate	BRC1451	Duplicate	0803831-01	26.785	26.904		mg/L	0.4		10	
		Matrix Spike	0803831-01	26.785	133.18	101.01	mg/L		105		80 - 120
		Matrix Spike Duplicate	0803831-01	26.785	133.41	101.01	mg/L	0.9	106	10	80 - 120
Nitrate as N	BRC1452	Duplicate	0803831-10	0	ND		mg/L			10	
		Matrix Spike	0803831-10	0	5.1030	5.0505	mg/L		101		80 - 120
		Matrix Spike Duplicate	0803831-10	0	5.0970	5.0505	mg/L	0	101	10	80 - 120
Sulfate	BRC1452	Duplicate	0803831-10	35.551	35.698		mg/L	0.4		10	
		Matrix Spike	0803831-10	35.551	141.50	101.01	mg/L		105		80 - 120
		Matrix Spike Duplicate	0803831-10	35.551	140.88	101.01	mg/L	1.0	104	10	80 - 120

TRC  
 21 Technology Drive  
 Irvine, CA 92618

Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## 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	BRC1359	BRC1359-BS1	LCS	26.550	25.000	0.50	ug/L	106		70 - 130		
Toluene	BRC1359	BRC1359-BS1	LCS	26.130	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRC1359	BRC1359-BS1	LCS	10.250	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRC1359	BRC1359-BS1	LCS	10.040	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRC1359	BRC1359-BS1	LCS	9.7500	10.000		ug/L	97.5		86 - 115		



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## 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)	BRC1621	BRC1621-BS1	LCS	316.83	500.00	50	ug/L	63.4		48 - 125		
Tetracosane (Surrogate)	BRC1621	BRC1621-BS1	LCS	11.669	20.000		ug/L	58.3		28 - 139		



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Project Number: [none]  
Project Manager: Anju Farfan

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## Water Analysis (General Chemistry)

### 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	
Iron (II) Species	BRC1431	BRC1431-BS1	LCS	1930.0	2000.0	100	ug/L	96.5		90 - 110		
Iron (II) Species	BRC1432	BRC1432-BS1	LCS	1930.0	2000.0	100	ug/L	96.5		90 - 110		
Nitrate as N	BRC1451	BRC1451-BS1	LCS	5.0620	5.0000	0.10	mg/L	101		90 - 110		
Sulfate	BRC1451	BRC1451-BS1	LCS	102.62	100.00	1.0	mg/L	103		90 - 110		
Nitrate as N	BRC1452	BRC1452-BS1	LCS	5.0980	5.0000	0.10	mg/L	102		90 - 110		
Sulfate	BRC1452	BRC1452-BS1	LCS	103.50	100.00	1.0	mg/L	104		90 - 110		

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 Project: 3135  
 Project Number: [none]  
 Project Manager: Anju Farfan

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## 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	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Toluene	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Total Xylenes	BRC1359	BRC1359-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRC1359	BRC1359-BLK1	ND	ug/L	10		
Diisopropyl ether	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Ethanol	BRC1359	BRC1359-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRC1359	BRC1359-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRC1359	BRC1359-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRC1359	BRC1359-BLK1	112	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC1359	BRC1359-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC1359	BRC1359-BLK1	100	%	86 - 115 (LCL - UCL)		

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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 04/01/2008 12:35

## 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)	BRC1621	BRC1621-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRC1621	BRC1621-BLK1	64.3	%	28 - 139 (LCL - UCL)		



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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

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## Water Analysis (General Chemistry)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Iron (II) Species	BRC1431	BRC1431-BLK1	ND	ug/L	100		
Iron (II) Species	BRC1432	BRC1432-BLK1	ND	ug/L	100		
Nitrate as N	BRC1451	BRC1451-BLK1	ND	mg/L	0.10		
Sulfate	BRC1451	BRC1451-BLK1	ND	mg/L	1.0		
Nitrate as N	BRC1452	BRC1452-BLK1	ND	mg/L	0.10		
Sulfate	BRC1452	BRC1452-BLK1	ND	mg/L	1.0		



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Project: 3135  
Project Number: [none]  
Project Manager: Anju Farfan

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**Notes And Definitions**

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

Submission #: 0803831

Project Code:

TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest  None   
 Box  Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments:

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

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

COC Received  
 YES  NO

Ice Chest ID: Blw  
 Temperature: -1 °C  
 Thermometer ID: 48

Emissivity 97  
 Container SEA

Date/Time 3/24 210  
 Analyst Init JNW

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

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: JNW Date/Time: 0200 3/24

Submission #: 0803031

Project Code:

TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest  None   
 Box  Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments:

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

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

COC Received  
 YES  NO

Ice Chest ID: Blue  
 Temperature: -1 °C  
 Thermometer ID: 48

Emissivity: 97  
 Container: 9EA

Date/Time: 3/24 2110  
 Analyst Init: JNW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED	C									
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										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A.B									
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
1 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON	B									
ENCORE										

Comments:  
 Sample Numbering Completed By: JNW Date/Time: 2200 3/24

0803831

pg 1 of 2

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	EDBEDC by 8260B	BTEX/MTBE by 8260B	Ferrous Iron, Nitrate & Sulfate	Turnaround Time Requested
Address: 815 66 <sup>th</sup> Ave		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan													
City: Oakland		4-digit site#: 3135 Workorder # 01156-4509118524													
State: CA Zip:		Project #: 154771													
Conoco Phillips Mgr: Bill Bough		Sampler Name: Andrew Vidner													
Lab#	Sample Description	Field Point Name	Date & Time Sampled												
	1	MW-9	03/24/08 0827	GW						X	X		X	X	STD
CHK BY	DISTRIBUTION	MW-8	0847							X	X		X	X	
	SUB OUT	MW-11	0803			X		X	X	X	X		X	X	
		MW-7	0910							X			X	X	
	HOLDING TIME	MW-5	0931										X	X	
	NO <sub>2</sub> NO <sub>3</sub> OP SS	MW-4	1207										X	X	
	CO Cl <sub>2</sub> BOD MBAS GOT	MW-1	1008										X	X	
		MW-3	1035										X	X	

Comments: T0600101488	Relinquished by: (Signature)	Received by: stored in fridge	Date & Time: 03/24/08 1408
	Relinquished by: (Signature) <i>Joe D. Lewis</i>	Received by: <i>Ross Dukes</i>	Date & Time: 3/24/08 1520
	Relinquished by: (Signature) <i>Ross Dukes 3/24/08</i>	Received by: <i>R. Lewis</i>	Date & Time: 3-24-08 1815

Relinquished 2-24-08 10:50 Andrew Vidner 3/24 2050

0803831

pg 2 of 2

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	BTEX/MTBE by 8260B	Ferrous Iron	Nitrate & Sulfate	Turnaround Time Requested
Address: 845 66 <sup>th</sup> Ave.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan													
City: Oakland		4-digit site#: 3135													
State: CA Zip:		Workorder # 01156-4509118524													
Conoco Phillips Mgr: Bill Borgh		Project #: 154771													
Sampler Name: Andrew Vidners		Project #: 154771													
Lab#	Sample Description	Field Point Name	Date & Time Sampled												
	-9	MW-10	03/24/08 1108	GW						X	X	X	X	X	STD
	-10	MW-6	↓ 1130	↓						↓	↓	↓	↓	↓	↓
	-11	MW-7	↓ 1148	↓						↓	↓	↓	↓	↓	↓

Comments:  GLOBAL ID: T0600101488	Relinquished by: (Signature)	Received by:	Date & Time
		stored in fridge	03/24/08 1408
	Relinquished by: (Signature)	Received by:	Date & Time
	Ross Sichey	3/24/08 1520	
Relinquished by: (Signature)	Received by:	Date & Time	
	Ross Sichey	3/24/08 1815	

Relinquished 3-24-08 2050 Andrew Vidners 3124 2030

## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling of monitoring wells 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 containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums 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.