ConocoPhillips
76 Broadway
Sacramento, California 95818

January 31, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Report
Fourth Quarter – 2005
76 Service Station #5043
449 Hegenberger Road
Oakland, CA

Dear Mr. Hwang:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas Kosel
Risk Management & Remediation

Attachment

TRC

Customer-Focused Solutions

January 31, 2006 TRC Project No. 42014406

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Fourth Quarter 2005
76 Station #5043, 449 Hegenberger Road, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Fourth Quarter 2005 Status Report for the subject site. The subject site is an operating 76 service station located on the southwestern corner of Hegenberger Road and Edgewater Drive in Oakland, California. Station facilities include three underground storage tanks (USTs), four dispenser islands, and a station building. A total of six groundwater-monitoring wells are located at or near the site.

PREVIOUS ASSESSMENTS

October 1991: Four soil samples were collected from the product pipe trenches at depths of approximately 3 feet below ground surface (bgs) during a dispenser island modification. Petroleum hydrocarbon concentrations were moderate to elevated. The product pipe trenches were subsequently excavated to the groundwater depth at 4 to 4.5 bgs.

February 1992: Three monitoring wells were installed at the site to depths ranging from 13.5 to 15 feet bgs.

August 1992: Three additional monitoring wells were installed at the site to depths of 13.5 feet bgs.

September 1994: One 280-gallon waste oil UST was removed from the site. The tank was made of steel, and no apparent holes or cracks were observed in the tank. One soil sample was collected from beneath the former tank at a depth of approximately 9 feet bgs. No petroleum hydrocarbons were detected.

January 1995: Two additional monitoring wells were installed at the site to a depth of 13 feet bgs. In addition, two existing monitoring wells were destroyed in order to accommodate the construction of a car wash at the subject site. Wells MW-4 and MW-5 were fully drilled out and backfilled with neat cement.

March 1995: Two 10,000-gallon gasoline USTs and one 10,000-gallon diesel UST were removed from the site. Groundwater was encountered in the tank cavity at a depth of approximately 8.5 feet bgs. Soil samples contained low levels of total petroleum hydrocarbons as diesel (TPH-d) and benzene, and moderate levels of total petroleum hydrocarbons as gasoline (TPH-g). Approximately 125,000 gallons of groundwater were pumped from the site for remediation and properly disposed offsite. Four dispenser islands and associated product piping were also removed. Based on detections in confirmation samples, the product dispenser islands were over excavated to approximately 6 feet bgs.

March-April 1995: During demolition activities of the former station building, soil samples were collected from two excavations, which were subsequently over excavated. Confirmation samples contained low petroleum hydrocarbons. An additional area on the south side of the former station building was excavated based on photoionization detector (PID) readings. Two monitoring wells were destroyed in order to allow for over excavation activities to extend to an area adjacent to the dispenser islands in the southeastern quadrant of the site. The excavated areas were subsequently backfilled with clean-engineered fill.

April 1997: Two additional monitoring wells were installed in the vicinity of the site to depths of 13 to 15 feet bgs. In addition, well MW-3, which was damaged during the UST cavity overexcavation in 1995, was fully drilled out and reconstructed in the same borehole.

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

SENSITIVE RECEPTORS

A sensitive receptor survey has not been performed for the site.

MONITORING AND SAMPLING

Groundwater samples have been collected on a quarterly basis since 1992. Since 1995, the highest hydrocarbon concentrations, with the exception of methyl tertiary butyl ether (MTBE), have been observed in onsite monitoring well MW-6.

Currently, three onsite and three offsite wells are monitored and sampled quarterly. All wells were sampled this quarter. The groundwater flow is toward the southeast at a calculated hydraulic gradient of 0.005 feet per foot, consistent with historical trends.

CHARACTERIZATION STATUS

The dissolved-phase hydrocarbon plume is defined within the current monitoring well network. Total purgeable petroleum hydrocarbons (TPPH) were detected in two of six wells sampled at a maximum concentration of 68,000 micrograms per liter (µg/l) in onsite monitoring well MW-6.

Benzene was detected in one of six wells sampled with a maximum concentration of 1,500 µg/l detected in onsite monitoring well MW-6. MTBE was detected was detected in three of six wells sampled at a maximum concentration of 92 µg/l in onsite monitoring well MW-3. Total petroleum hydrocarbons as diesel (TPH-d) were detected in two of six wells sampled at a maximum concentration of 18,000 µg/l in onsite monitoring well MW-6.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

December 13, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

CONCLUSIONS AND RECOMMENDATIONS

TRC is currently preparing a sensitive receptor survey and evaluating remedial alternatives capable of treating residual hydrocarbons in onsite groundwater. TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

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

Sincerely,
TRC

Keith Woodburne, P.G.
Senior Project Geologist

Attachments:
Quarterly Monitoring Report, October through December 2005 (TRC, January 7, 2006)

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)
Beretta Investment Group, 39560 Stevenson Pl., Suite 118, Fremont, CA 94539

TRC

January 7, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

Dear Mrs. Lathrop:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5043, located at 449 Hegenberger Road, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

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

Enclosures
20-0400/5043R09.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

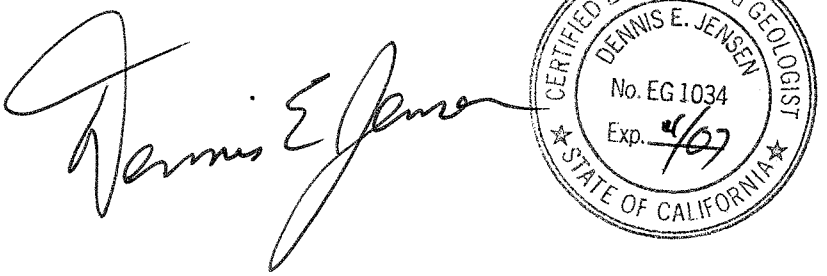
QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

76 Station 5043
449 Hegenberger Road
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
January 7, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Contour Map Figure 4: Dissolved-Phase Benzene Contour Map Figure 5: Dissolved-Phase MTBE Contour Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2005 through December 2005
76 Station 5043
449 Hegenberger Road
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **12/13/05**

Sample Points

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

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **2.26 feet** Maximum: **3.98 feet**
Average groundwater elevation (relative to available local datum): **5.44 feet**
Average change in groundwater elevation since previous event: **-0.37 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, southeast**
Previous event: **0.01 ft/ft, southeast (09/27/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **1,500 µg/l (MW-6)**

Wells with **TPPH 8260B** **2** Maximum: **68,000 µg/l (MW-6)**
Wells with **MTBE** **3** Maximum: **92 µg/l (MW-3)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 13, 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3		**(Screen Interval in feet: 2.5-14.0)**												
12/13/2005	8.04	2.35	0.00	5.69	-0.45	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	92	
MW-6		**(Screen Interval in feet: 2.5-13.5)**												
12/13/2005	8.87	3.28	0.00	5.59	-0.73	--	68000	1500	1100	2200	7700	--	ND<50	
MW-7		**(Screen Interval in feet: 3.0-13.0)**												
12/13/2005	8.83	3.98	0.00	4.85	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
MW-8		**(Screen Interval in feet: 3.0-15.0)**												
12/13/2005	8.52	2.89	0.00	5.63	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9		**(Screen Interval in feet: 3.0-13.0)**												
12/13/2005	8.29	2.26	0.00	6.03	-0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
MW-10		**(Screen Interval in feet: 3.0-13.0)**												
12/13/2005	8.62	3.75	0.00	4.87	0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: DNA)**													
2/18/1992	--	--	--	--	--	150000	--	17000	26000	5200	26000	--	--	
5/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/31/1992	--	--	--	--	--	64000	--	13000	12000	2500	22000	--	--	
11/30/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	
5/4/1993	8.96	2.13	0.10	6.90	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/4/1993	8.96	2.92	0.03	6.06	-0.84	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/3/1993	7.38	3.04	0.00	4.34	-1.72	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/7/1994	7.38	2.55	0.03	4.85	0.51	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/19/1994	7.38	2.23	0.01	5.16	0.31	--	--	--	--	--	--	--	--	Not sampled - presence of free product
6/25/1994	7.38	2.49	0.01	4.90	-0.26	--	--	--	--	--	--	--	--	Not sampled - presence of free product
7/27/1994	7.38	3.10	0.00	4.28	-0.62	--	--	--	--	--	--	--	--	
8/15/1994	7.38	2.85	0.11	4.61	0.33	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/14/1994	7.38	2.97	0.12	4.50	-0.11	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/21/1995	7.38	1.53	0.02	5.87	1.37	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/18/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-2	**(Screen Interval in feet: DNA)**													
2/18/1992	--	--	--	--	--	29000	--	1000	5300	260	7900	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
5/20/1992	--	--	--	--	--	24000	--	2200	7600	630	11000	--	--	
8/31/1992	--	--	--	--	--	9000	--	1800	640	140	2000	--	--	
11/30/1992	--	--	--	--	--	29000	--	2000	3400	1200	6900	--	--	
2/4/1993	--	--	--	--	--	18000	--	1600	3000	ND	6900	--	--	
5/4/1993	8.96	2.48	0.00	6.48	--	63000	--	3200	17000	470	17000	--	--	
8/4/1993	8.96	3.20	0.00	5.76	-0.72	45000	--	2100	6600	1400	12000	--	--	
11/3/1993	8.58	3.37	0.00	5.21	-0.55	72000	--	3700	16000	3700	20000	--	--	
2/7/1994	8.58	2.40	0.00	6.18	0.97	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/19/1994	8.58	2.13	0.00	6.45	0.27	42000	--	2500	1300	2300	13000	--	--	
6/25/1994	8.58	2.65	0.00	5.93	-0.52	--	--	--	--	--	--	--	--	
7/27/1994	8.58	3.44	0.00	5.14	-0.79	--	--	--	--	--	--	--	--	
8/15/1994	8.58	3.25	0.00	5.33	0.19	35000	--	2400	850	1700	15000	--	--	
11/14/1994	8.58	2.13	0.00	6.45	1.12	43000	--	2200	6500	1800	14000	--	--	
2/21/1995	8.58	1.65	0.00	6.93	0.48	44000	--	2200	3200	1300	1500	--	--	
5/18/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-3	**(Screen Interval in feet: 2.5-14.0)**													
2/18/1992	--	--	--	--	--	230	--	4.8	22	1.8	33	--	--	
5/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/31/1992	--	--	--	--	--	210	--	1	ND	ND	ND	--	--	
11/30/1992	--	--	--	--	--	790	--	ND	ND	ND	ND	--	--	
2/4/1993	--	--	--	--	--	3300	--	320	ND	96	6.1	--	--	
5/4/1993	7.84	4.32	0.00	3.52	--	1800	--	95	ND	ND	ND	--	--	
8/4/1993	7.84	4.94	0.00	2.90	-0.62	210	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
11/3/1993	7.42	4.53	0.00	2.89	-0.01	640	--	ND	ND	ND	ND	--	--	
2/7/1994	7.42	2.40	0.00	5.02	2.13	2700	--	110	ND	17	ND	--	--	
5/19/1994	7.42	3.60	0.00	3.82	-1.20	1800	--	83	ND	6.2	9.1	--	--	
6/25/1994	7.42	4.58	0.00	2.84	-0.98	--	--	--	--	--	--	--	--	
7/27/1994	7.42	4.58	0.00	2.84	0.00	--	--	--	--	--	--	--	--	
8/15/1994	7.42	4.65	0.00	2.77	-0.07	130	--	1.1	0.54	ND	0.97	--	--	
11/14/1994	7.42	3.18	0.00	4.24	1.47	1600	--	ND	ND	ND	ND	--	--	
2/21/1995	7.42	1.81	0.00	5.61	1.37	3800	--	350	ND	130	22	--	--	
5/18/1995	7.42	4.56	0.00	2.86	-2.75	1300	--	42	ND	ND	ND	--	--	
8/17/1995	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
7/26/1996	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/28/1996	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Obstructed at 0.55 feet
1/29/1997	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
4/15/1997	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/27/1997	7.42	3.45	0.00	3.97	--	670	--	6.5	ND	ND	ND	250	--	
6/1/1997	7.42	3.50	0.00	3.92	-0.05	--	--	--	--	--	--	--	--	
7/15/1997	8.04	3.71	0.00	4.33	0.41	240	--	ND	ND	ND	ND	490	--	
10/9/1997	8.04	3.70	0.00	4.34	0.01	270	--	1.1	ND	2.4	1.4	910	--	
1/14/1998	8.04	2.16	0.00	5.88	1.54	310	--	ND	ND	0.62	0.65	140	--	
4/1/1998	8.04	2.20	0.00	5.84	-0.04	370	--	5.7	ND	ND	ND	93	--	
7/15/1998	8.04	3.38	0.00	4.66	-1.18	460	--	ND	ND	ND	ND	230	--	
10/16/1998	8.04	2.30	0.00	5.74	1.08	330	--	4.7	ND	ND	ND	60	--	
1/25/1999	8.04	2.42	0.00	5.62	-0.12	420	--	1.5	ND	ND	ND	180	--	
4/15/1999	8.04	2.16	0.00	5.88	0.26	290	--	0.54	ND	ND	ND	160	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
7/14/1999	8.04	2.35	0.00	5.69	-0.19	290	--	3.2	ND	ND	ND	160	--	
10/21/1999	8.04	2.49	0.00	5.55	-0.14	360	--	0.77	ND	ND	ND	82	--	
1/20/2000	8.04	2.38	0.00	5.66	0.11	ND	--	0.81	ND	ND	ND	54	--	
4/13/2000	8.04	2.76	0.00	5.28	-0.38	250	--	0.69	ND	ND	ND	91	150	
7/14/2000	8.04	3.26	0.00	4.78	-0.50	345	--	ND	ND	ND	ND	94.7	--	
10/26/2000	8.04	3.12	0.00	4.92	0.14	480	--	6.0	ND	ND	ND	120	--	
1/3/2001	8.04	3.65	0.00	4.39	-0.53	364	--	1.59	ND	ND	ND	118	--	
4/4/2001	8.04	3.98	0.00	4.06	-0.33	417	--	1.24	ND	ND	0.802	237	--	
7/17/2001	8.04	3.12	0.00	4.92	0.86	480	--	ND	ND	ND	ND	150	--	
10/1/2001	8.04	3.25	0.00	4.79	-0.13	310	--	1.0	ND<0.50	ND<0.50	ND<0.50	53	--	
1/31/2002	8.04	2.27	0.00	5.77	0.98	250	--	3.5	ND<1.0	ND<1.0	ND<1.0	110	--	
4/18/2002	8.04	3.55	0.00	4.49	-1.28	300	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	59	
7/28/2002	8.04	2.55	0.00	5.49	1.00	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
10/9/2002	8.04	2.47	0.00	5.57	0.08	--	690	ND<5	ND<5	ND<5	ND<10	--	120	
1/2/2003	8.04	1.70	0.00	6.34	0.77	--	310	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
4/1/2003	8.04	3.48	0.00	4.56	-1.78	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
7/1/2003	8.04	2.65	0.00	5.39	0.83	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	70	
10/2/2003	8.04	3.12	0.00	4.92	-0.47	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
1/9/2004	8.04	2.39	0.00	5.65	0.73	--	300	ND<0.50	0.53	0.53	1.5	--	66	
4/26/2004	8.04	3.11	0.00	4.93	-0.72	--	440	2.5	5.5	2.9	9.4	--	81	
7/22/2004	8.04	2.51	0.00	5.53	0.60	--	420	ND<0.5	ND<0.5	ND<0.5	ND<1	--	72	
10/29/2004	8.04	2.00	0.00	6.04	0.51	--	460	5.6	15	10	46	--	48	
1/10/2005	8.04	1.52	0.00	6.52	0.48	--	280	ND<0.50	0.62	ND<0.50	2.4	--	64	
6/15/2005	8.04	2.00	0.00	6.04	-0.48	--	460	ND<0.50	0.70	0.56	1.9	--	110	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
9/27/2005	8.04	1.90	0.00	6.14	0.10	--	210	ND<0.50	0.60	ND<0.50	ND<1.0	--	100	
12/13/2005	8.04	2.35	0.00	5.69	-0.45	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	92	
MW-4	**(Screen Interval in feet: DNA)**													
8/31/1992	--	--	--	--	--	240	--	ND	ND	ND	0.54	--	--	
11/30/1992	--	--	--	--	--	420	--	ND	ND	ND	ND	--	--	
2/4/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/4/1993	9.00	4.09	0.00	4.91	--	110	--	0.95	ND	ND	ND	--	--	
8/4/1993	9.00	5.01	0.00	3.99	-0.92	250	--	ND	3.5	ND	4.1	--	--	
11/3/1993	8.41	4.23	0.00	4.18	0.19	130	--	ND	ND	ND	ND	--	--	
2/7/1994	8.41	3.35	0.00	5.06	0.88	56	--	ND	ND	ND	ND	--	--	
5/19/1994	8.41	3.92	0.00	4.49	-0.57	140	--	ND	ND	ND	ND	--	--	
6/25/1994	8.41	4.35	0.00	4.06	-0.43	--	--	--	--	--	--	--	--	
7/27/1994	8.41	4.28	0.00	4.13	0.07	--	--	--	--	--	--	--	--	
8/15/1994	8.41	4.27	0.00	4.14	0.01	59	--	ND	0.6	ND	ND	--	--	
11/14/1994	8.41	4.05	0.00	4.36	0.22	130	--	ND	ND	ND	ND	--	--	
2/21/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-5	**(Screen Interval in feet: DNA)**													
8/31/1992	--	--	--	--	--	78	--	0.89	ND	ND	13	--	--	
11/30/1992	--	--	--	--	--	930	--	70	290	0.79	14	--	--	
2/4/1993	--	--	--	--	--	5700	--	38	ND	620	170	--	--	
5/4/1993	8.95	4.37	0.00	4.58	--	7400	--	41	ND	1000	35	--	--	
8/4/1993	8.95	5.81	0.00	3.14	-1.44	1500	--	130	1	460	11	--	--	
11/3/1993	8.95	5.68	0.00	3.27	0.13	13000	--	350	ND	3500	530	--	--	
2/7/1994	8.95	5.11	0.00	3.84	0.57	2000	--	87	ND	370	110	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
5/19/1994	8.95	5.09	0.00	3.86	0.02	260	--	44	ND	32	4.1	--	--	
6/25/1994	8.95	4.55	0.00	4.40	0.54	--	--	--	--	--	--	--	--	
7/27/1994	8.95	5.72	0.00	3.23	-1.17	--	--	--	--	--	--	--	--	
8/15/1994	8.95	5.68	0.00	3.27	0.04	1600	--	110	ND	340	72	--	--	
11/14/1994	8.95	5.63	0.00	3.32	0.05	250	--	40	ND	ND	5	--	--	
2/21/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-6	**(Screen Interval in feet: 2.5-13.5)**													
8/31/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/30/1992	--	--	--	--	--	9200	--	550	ND	740	1600	--	--	
2/4/1993	--	--	--	--	--	3600	--	340	ND	290	550	--	--	
5/4/1993	9.12	3.72	0.00	5.40	--	4900	--	360	18	450	430	--	--	
8/4/1993	9.12	5.15	0.00	3.97	-1.43	3400	--	390	ND	440	190	--	--	
11/3/1993	8.87	5.25	0.00	3.62	-0.35	1400	--	320	ND	200	7.7	--	--	
2/7/1994	8.87	4.55	0.00	4.32	0.70	4900	--	650	ND	250	35	--	--	
5/19/1994	8.87	4.62	0.00	4.25	-0.07	3600	--	300	1.7	210	41	--	--	
8/15/1994	8.87	5.08	0.00	3.79	-0.46	1300	--	130	6.7	54	57	--	--	
11/14/1994	8.87	5.30	0.00	3.57	-0.22	730	--	50	ND	ND	39	--	--	
2/21/1995	8.87	5.37	0.00	3.50	-0.07	2000	--	250	4.6	25	30	--	--	
5/18/1995	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
8/17/1995	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
7/26/1996	8.87	6.40	3.33	4.97	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
10/28/1996	8.87	4.10	0.21	4.93	-0.04	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/13/1996	8.87	4.02	0.25	5.04	0.11	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
11/25/1996	8.87	4.01	0.75	5.42	0.38	--	--	--	--	--	--	--	--	
12/4/1996	8.87	3.65	0.50	5.59	0.17	--	--	--	--	--	--	--	--	
12/19/1996	8.87	4.80	2.20	5.72	0.13	--	--	--	--	--	--	--	--	
1/8/1997	8.87	4.84	1.75	5.34	-0.38	--	--	--	--	--	--	--	--	
1/14/1997	8.87	4.51	1.15	5.22	-0.12	--	--	--	--	--	--	--	--	
1/27/1997	8.87	4.00	1.75	6.18	0.96	--	--	--	--	--	--	--	--	
1/29/1997	8.87	3.24	0.31	5.86	-0.32	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/11/1997	8.87	4.65	1.20	5.12	-0.74	--	--	--	--	--	--	--	--	
2/24/1997	8.87	4.81	1.10	4.89	-0.23	--	--	--	--	--	--	--	--	
3/10/1997	8.87	4.60	0.95	4.98	0.10	--	--	--	--	--	--	--	--	
3/17/1997	8.87	4.50	0.89	5.04	0.05	--	--	--	--	--	--	--	--	
3/31/1997	8.87	4.65	1.00	4.97	-0.07	--	--	--	--	--	--	--	--	
4/15/1997	8.87	4.90	1.03	4.74	-0.23	--	--	--	--	--	--	--	--	Not sampled - presence of free product
4/28/1997	8.87	4.78	0.03	4.11	-0.63	--	--	--	--	--	--	--	--	
5/15/1997	8.87	4.60	0.25	4.46	0.35	--	--	--	--	--	--	--	--	
5/27/1997	8.87	4.50	0.25	4.56	0.10	--	--	--	--	--	--	--	--	
6/9/1997	8.87	4.60	0.20	4.42	-0.14	--	--	--	--	--	--	--	--	
6/24/1997	8.87	4.50	0.25	4.56	0.14	--	--	--	--	--	--	--	--	
7/9/1997	8.87	4.80	0.60	4.52	-0.04	--	--	--	--	--	--	--	--	
7/15/1997	8.87	4.63	0.42	4.55	0.04	--	--	--	--	--	--	--	--	Not sampled - presence of free product
7/21/1997	8.87	4.75	0.25	4.31	-0.25	--	--	--	--	--	--	--	--	
8/6/1997	8.87	4.50	0.10	4.44	0.14	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
8/20/1997	8.87	4.55	0.10	4.39	-0.05	--	--	--	--	--	--	--	--	
9/2/1997	8.87	4.75	0.05	4.16	-0.24	--	--	--	--	--	--	--	--	
10/9/1997	8.87	4.84	0.04	4.06	-0.10	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/14/1998	8.87	3.90	0.94	5.67	1.61	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/12/1998	8.87	3.35	0.64	6.00	0.33	--	--	--	--	--	--	--	--	
3/3/1998	8.87	4.51	0.02	4.37	-1.63	--	--	--	--	--	--	--	--	
4/1/1998	8.87	3.67	1.60	6.40	2.03	--	--	--	--	--	--	--	--	Not sampled - presence of free product
5/26/1998	8.87	4.11	0.50	5.13	-1.26	--	--	--	--	--	--	--	--	
6/15/1998	8.87	5.03	0.30	4.06	-1.07	--	--	--	--	--	--	--	--	
7/15/1998	8.87	4.56	0.05	4.35	0.28	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/21/1998	8.87	4.77	0.02	4.11	-0.23	--	--	--	--	--	--	--	--	
9/30/1998	8.87	5.08	0.03	3.81	-0.30	--	--	--	--	--	--	--	--	
10/16/1998	8.87	4.31	2.40	6.36	2.55	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/6/1998	8.87	3.98	0.17	5.02	-1.34	--	--	--	--	--	--	--	--	
11/25/1998	8.87	3.92	0.10	5.02	0.01	--	--	--	--	--	--	--	--	
12/28/1998	8.87	3.90	0.20	5.12	0.10	--	--	--	--	--	--	--	--	
1/25/1999	8.87	4.18	0.60	5.14	0.02	--	--	--	--	--	--	--	--	Not sampled - presence of free product
2/22/1999	8.87	4.07	0.22	4.96	-0.18	--	--	--	--	--	--	--	--	
3/22/1999	8.87	4.32	0.15	4.66	-0.30	--	--	--	--	--	--	--	--	
4/15/1999	8.87	4.23	0.95	5.35	0.69	--	--	--	--	--	--	--	--	Not sampled - presence of free product

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
5/28/1999	8.87	4.38	0.39	4.78	-0.57	--	--	--	--	--	--	--	--	
6/29/1999	8.87	4.12	0.02	4.76	-0.02	--	--	--	--	--	--	--	--	
7/14/1999	8.87	4.20	0.03	4.69	-0.07	--	--	--	--	--	--	--	--	Not sampled - presence of free product
8/23/1999	8.87	4.51	0.24	4.54	-0.15	--	--	--	--	--	--	--	--	
9/30/1999	8.87	4.17	0.17	4.83	0.29	--	--	--	--	--	--	--	--	
10/21/1999	8.87	4.27	0.12	4.69	-0.14	--	--	--	--	--	--	--	--	Not sampled - presence of free product
11/29/1999	8.87	4.18	0.00	4.69	0.00	--	--	--	--	--	--	--	--	
12/20/1999	8.87	4.26	0.01	4.62	-0.07	--	--	--	--	--	--	--	--	
1/20/2000	8.87	4.31	0.00	4.56	-0.06	130000	--	2900	8600	2000	16000	ND	--	
2/26/2000	8.87	3.98	0.00	4.89	0.33	--	--	--	--	--	--	--	--	
3/31/2000	8.87	4.14	0.00	4.73	-0.16	--	--	--	--	--	--	--	--	
4/13/2000	8.87	4.04	0.00	4.83	0.10	140000	--	5000	14000	3600	27000	7700	--	
5/26/2000	8.87	4.41	0.00	4.46	-0.37	--	--	--	--	--	--	--	--	
6/17/2000	8.87	4.35	0.00	4.52	0.06	--	--	--	--	--	--	--	--	
7/14/2000	8.87	4.47	0.00	4.40	-0.12	259000	--	7670	13700	6860	40700	ND	ND	
8/24/2000	8.87	3.71	0.00	5.16	0.76	--	--	--	--	--	--	--	--	
9/27/2000	8.87	4.33	0.00	4.54	-0.62	--	--	--	--	--	--	--	--	
10/26/2000	8.87	4.32	0.00	4.55	0.01	110000	--	7000	6200	3700	12000	670	43	
1/3/2001	8.87	4.52	0.00	4.35	-0.20	84700	--	3950	4130	3650	11800	ND	ND	
4/4/2001	8.87	4.29	0.00	4.58	0.23	69800	--	2060	2840	3650	10900	ND	47.8	
7/17/2001	8.87	4.37	0.00	4.50	-0.08	100000	--	3200	3300	3400	12000	ND	--	
10/1/2001	8.87	4.45	0.00	4.42	-0.08	110000	--	3200	2400	4500	13000	ND<1000	--	
1/31/2002	8.87	4.03	0.00	4.84	0.42	230000	--	2400	1800	5400	16000	ND<2500	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
4/18/2002	8.87	3.45	0.00	5.42	0.58	94000	--	6800	13000	3000	19000	ND<500	--	
7/28/2002	8.87	2.24	0.00	6.63	1.21	--	110000	530	170	3200	7300	--	ND<100	
10/9/2002	8.87	3.53	0.00	5.34	-1.29	--	970000	10000	39000	13000	94000	--	ND<2000	
1/2/2003	8.87	2.34	0.00	6.53	1.19	--	270000	6100	15000	5400	37000	--	ND<200	
4/1/2003	8.87	3.17	0.00	5.70	-0.83	--	3000000	8000	39000	37000	260000	--	ND<2000	
7/1/2003	8.87	3.55	0.00	5.32	-0.38	--	38000	2100	990	2700	6500	--	ND<100	
10/2/2003	8.87	3.82	0.00	5.05	-0.27	--	100000	5600	6900	4700	18000	--	ND<800	
1/9/2004	8.87	2.80	0.00	6.07	1.02	--	170000	2800	3300	4700	16000	--	ND<200	
4/26/2004	8.87	3.40	0.00	5.47	-0.60	--	97000	5900	9000	5100	23000	--	ND<50	
7/22/2004	8.87	3.54	0.00	5.33	-0.14	--	110000	4100	5100	4000	16000	--	ND<200	
10/29/2004	8.87	3.03	0.00	5.84	0.51	--	100000	5200	6100	4200	15000	--	ND<50	
1/10/2005	8.87	2.35	0.00	6.52	0.68	--	71000	1600	3700	2100	9900	--	ND<50	
6/15/2005	8.87	2.47	0.00	6.40	-0.12	--	130000	800	1800	2200	9300	--	ND<50	
9/27/2005	8.87	2.55	0.00	6.32	-0.08	--	13000	82	120	430	990	--	0.56	
12/13/2005	8.87	3.28	0.00	5.59	-0.73	--	68000	1500	1100	2200	7700	--	ND<50	
MW-7	**(Screen Interval in feet: 3.0-13.0)**													
5/27/1997	8.83	4.50	0.00	4.33	--	68	--	ND	ND	ND	ND	ND	--	
6/1/1997	8.83	4.54	0.00	4.29	-0.04	--	--	--	--	--	--	--	--	
7/15/1997	8.83	4.70	0.00	4.13	-0.16	ND	--	ND	ND	ND	ND	ND	--	
10/9/1997	8.83	4.30	0.00	4.53	0.40	ND	--	ND	ND	ND	ND	ND	--	
1/14/1998	8.83	2.88	0.00	5.95	1.42	ND	--	ND	ND	ND	ND	36	--	
4/1/1998	8.83	3.13	0.00	5.70	-0.25	ND	--	ND	ND	ND	ND	ND	--	
7/15/1998	8.83	4.45	0.00	4.38	-1.32	ND	--	ND	ND	ND	ND	ND	--	
10/16/1998	8.83	3.45	0.00	5.38	1.00	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
1/25/1999	8.83	3.22	0.00	5.61	0.23	ND	--	ND	ND	ND	ND	ND	--	
4/15/1999	8.83	3.11	0.00	5.72	0.11	ND	--	ND	ND	ND	ND	ND	--	
7/14/1999	8.83	3.34	0.00	5.49	-0.23	ND	--	ND	ND	ND	ND	ND	--	
10/21/1999	8.83	3.43	0.00	5.40	-0.09	ND	--	ND	ND	ND	ND	ND	--	
1/20/2000	8.83	3.29	0.00	5.54	0.14	ND	--	ND	ND	ND	ND	4.2	--	
4/13/2000	8.83	3.39	0.00	5.44	-0.10	ND	--	ND	ND	ND	ND	ND	--	
7/14/2000	8.83	4.42	0.00	4.41	-1.03	ND	--	ND	ND	ND	ND	7.83	--	
7/17/2001	8.83	5.06	0.00	3.77	-0.64	ND	--	ND	ND	ND	ND	ND	--	
10/1/2001	8.83	4.98	0.00	3.85	0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
1/31/2002	8.83	3.88	0.00	4.95	1.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/18/2002	8.83	4.03	0.00	4.80	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	--	
7/28/2002	8.83	3.59	0.00	5.24	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
10/9/2002	8.83	4.53	0.00	4.30	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
1/3/2003	8.83	3.36	0.00	5.47	1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/1/2003	8.83	3.94	0.00	4.89	-0.58	--	71	ND<0.50	ND<0.50	0.71	ND<1.0	--	3.4	
7/1/2003	8.83	4.60	0.00	4.23	-0.66	--	64	ND<0.50	ND<0.50	0.77	2.0	--	35	
10/2/2003	8.83	5.46	0.00	3.37	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
1/9/2004	8.83	3.55	0.00	5.28	1.91	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
4/26/2004	8.83	4.49	0.00	4.34	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	2.3	
7/22/2004	8.83	4.93	0.00	3.90	-0.44	--	82	0.90	2.0	3.5	9.9	--	1.4	
10/29/2004	8.83	3.71	0.00	5.12	1.22	--	210	0.67	1.6	1.7	5.8	--	ND<0.50	
1/10/2005	8.83	2.77	0.00	6.06	0.94	--	74	0.51	2.2	1.7	7.0	--	ND<0.50	
6/15/2005	8.83	3.40	0.00	5.43	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.88	
9/27/2005	8.83	3.44	0.00	5.39	-0.04	--	ND<50	0.59	1.2	ND<0.50	ND<1.0	--	0.96	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
12/13/2005	8.83	3.98	0.00	4.85	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
MW-8	**(Screen Interval in feet: 3.0-15.0)**													
5/27/1997	8.52	3.42	0.00	5.10	--	310	--	0.88	0.67	15	70	ND	--	
6/1/1997	8.52	3.46	0.00	5.06	-0.04	--	--	--	--	--	--	--	--	
7/15/1997	8.52	3.49	0.00	5.03	-0.03	ND	--	ND	ND	2.7	3.8	ND	--	
10/9/1997	8.52	3.73	0.00	4.79	-0.24	590	--	1.4	ND	32	4.1	ND	--	
1/14/1998	8.52	1.92	0.00	6.60	1.81	ND	--	ND	ND	ND	ND	ND	--	
4/1/1998	8.52	2.38	0.00	6.14	-0.46	ND	--	ND	ND	ND	ND	4.7	--	
7/15/1998	8.52	3.53	0.00	4.99	-1.15	ND	--	ND	ND	0.56	1.1	ND	--	
10/16/1998	8.52	3.04	0.00	5.48	0.49	ND	--	ND	ND	ND	ND	ND	--	
1/25/1999	8.52	2.92	0.00	5.60	0.12	ND	--	ND	ND	ND	ND	ND	--	
4/15/1999	8.52	2.40	0.00	6.12	0.52	ND	--	ND	ND	ND	ND	ND	--	
7/14/1999	8.52	3.03	0.00	5.49	-0.63	ND	--	ND	ND	ND	ND	ND	--	
10/21/1999	8.52	3.11	0.00	5.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	
1/20/2000	8.52	3.06	0.00	5.46	0.05	ND	--	ND	ND	ND	ND	ND	--	
4/13/2000	8.52	2.84	0.00	5.68	0.22	ND	--	ND	ND	ND	ND	ND	--	
7/14/2000	8.52	3.39	0.00	5.13	-0.55	ND	--	ND	ND	ND	ND	ND	--	
7/17/2001	8.52	3.46	0.00	5.06	-0.07	ND	--	ND	ND	ND	ND	ND	--	
10/1/2001	8.52	3.51	0.00	5.01	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
1/31/2002	8.52	2.75	0.00	5.77	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/18/2002	8.52	2.98	0.00	5.54	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/28/2002	8.52	2.41	0.00	6.11	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/9/2002	8.52	2.09	0.00	6.43	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/2/2003	8.52	1.98	0.00	6.54	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
4/1/2003	8.52	2.66	0.00	5.86	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/1/2003	8.52	3.08	0.00	5.44	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/2/2003	8.52	3.89	0.00	4.63	-0.81	--	540	3.9	15	29	80	--	ND<2.0	
1/9/2004	8.52	2.38	0.00	6.14	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/26/2004	8.52	2.89	0.00	5.63	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/22/2004	8.52	3.25	0.00	5.27	-0.36	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/2004	8.52	3.06	0.00	5.46	0.19	--	ND<50	ND<0.50	ND<0.50	0.82	2.5	--	ND<0.50	
1/10/2005	8.52	1.92	0.00	6.60	1.14	--	58	ND<0.50	0.61	1.2	4.0	--	ND<0.50	
6/15/2005	8.52	2.22	0.00	6.30	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2005	8.52	2.43	0.00	6.09	-0.21	--	ND<50	ND<0.50	ND<0.50	1.2	ND<1.0	--	ND<0.50	
12/13/2005	8.52	2.89	0.00	5.63	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9	**(Screen Interval in feet: 3.0-13.0)**													
2/21/1995	8.29	1.98	0.00	6.31	--	70	--	ND	ND	ND	ND	--	--	
5/18/1995	8.29	3.47	0.00	4.82	-1.49	52	--	ND	1.1	ND	1.9	--	--	
8/17/1995	8.29	1.49	0.00	6.80	1.98	ND	--	ND	ND	ND	ND	--	--	
7/26/1996	8.29	0.28	0.00	8.01	1.21	ND	--	ND	ND	ND	ND	ND	--	
10/28/1996	8.29	1.15	0.00	7.14	-0.87	ND	--	ND	ND	ND	ND	7.6	--	
1/29/1997	8.29	1.05	0.00	7.24	0.10	ND	--	ND	ND	ND	ND	5.4	--	
4/15/1997	8.29	1.88	0.00	6.41	-0.83	ND	--	ND	ND	ND	ND	5.4	--	
5/27/1997	8.29	1.05	0.00	7.24	0.83	--	--	--	--	--	--	--	--	
7/15/1997	8.29	1.90	0.00	6.39	-0.85	ND	--	ND	ND	ND	ND	ND	--	
10/9/1997	8.29	1.76	0.00	6.53	0.14	ND	--	ND	ND	ND	ND	ND	--	
1/14/1998	8.29	1.26	0.00	7.03	0.50	ND	--	ND	ND	ND	ND	3.0	--	
4/1/1998	8.29	0.85	0.00	7.44	0.41	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
7/15/1998	8.29	1.52	0.00	6.77	-0.67	ND	--	ND	ND	ND	ND	ND	--	
10/16/1998	8.29	0.81	0.00	7.48	0.71	ND	--	ND	ND	ND	ND	ND	--	
1/25/1999	8.29	0.92	0.00	7.37	-0.11	ND	--	ND	ND	ND	ND	ND	--	
4/15/1999	8.29	0.90	0.00	7.39	0.02	75	--	21	ND	ND	1.1	680	--	
7/14/1999	8.29	1.04	0.00	7.25	-0.14	ND	--	1.9	ND	ND	ND	260	--	
10/21/1999	8.29	1.23	0.00	7.06	-0.19	ND	--	ND	ND	ND	ND	170	--	
1/20/2000	8.29	1.18	0.00	7.11	0.05	ND	--	1.1	ND	ND	ND	35	--	
4/13/2000	8.29	1.08	0.00	7.21	0.10	160	--	0.64	ND	ND	ND	53	--	
7/14/2000	8.29	1.43	0.00	6.86	-0.35	ND	--	ND	ND	ND	ND	20.2	--	
10/26/2000	8.29	1.38	0.00	6.91	0.05	240	--	2.9	ND	ND	ND	56	--	
1/3/2001	8.29	1.66	0.00	6.63	-0.28	166	--	0.763	0.776	ND	1.28	50.2	--	
4/4/2001	8.29	1.27	0.00	7.02	0.39	296	--	0.738	ND	ND	0.907	135	--	
7/17/2001	8.29	1.38	0.00	6.91	-0.11	ND	--	ND	ND	ND	ND	13	--	
10/1/2001	8.29	1.93	0.00	6.36	-0.55	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.0	--	
1/31/2002	8.29	2.08	0.00	6.21	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.8	--	
4/18/2002	8.29	1.76	0.00	6.53	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.1	--	
7/28/2002	8.29	1.57	0.00	6.72	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.5	
10/9/2002	8.29	1.45	0.00	6.84	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
1/2/2003	8.29	1.18	0.00	7.11	0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.6	
4/1/2003	8.29	2.04	0.00	6.25	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
7/1/2003	8.29	2.80	0.00	5.49	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
10/2/2003	8.29	2.70	0.00	5.59	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/9/2004	8.29	1.90	0.00	6.39	0.80	--	74	ND<0.50	0.98	2.3	6.2	--	ND<2.0	
4/26/2004	8.29	1.62	0.00	6.67	0.28	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
7/22/2004	8.29	1.88	0.00	6.41	-0.26	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.78	
10/29/2004	8.29	1.28	0.00	7.01	0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	ND<0.50	
1/10/2005	8.29	0.07	0.00	8.22	1.21	--	93	0.60	2.3	2.4	9.0	--	ND<0.50	
6/15/2005	8.29	1.70	0.00	6.59	-1.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.6	
9/27/2005	8.29	1.98	0.00	6.31	-0.28	--	ND<50	ND<0.50	0.73	ND<0.50	ND<1.0	--	2.3	
12/13/2005	8.29	2.26	0.00	6.03	-0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
MW-10	**(Screen Interval in feet: 3.0-13.0)**													
2/21/1995	8.62	4.69	0.00	3.93	--	1500	--	250	26	9.1	160	--	--	
5/18/1995	8.62	4.92	0.00	3.70	-0.23	810	--	520	ND	18	23	--	--	
8/17/1995	8.62	4.05	0.00	4.57	0.87	67	--	25	ND	2.4	ND	--	--	
7/26/1996	8.62	4.08	0.00	4.54	-0.03	ND	--	3.7	ND	ND	ND	ND	--	
10/28/1996	8.62	4.09	0.00	4.53	-0.01	ND	--	1.1	ND	ND	ND	ND	--	
1/29/1997	8.62	2.94	0.00	5.68	1.15	210	--	41	0.67	7.2	4.8	11	--	
4/15/1997	8.62	4.07	0.00	4.55	-1.13	110	--	12	ND	0.77	ND	9.7	--	
5/27/1997	8.62	4.40	0.00	4.22	-0.33	--	--	--	--	--	--	--	--	
7/15/1997	8.62	4.19	0.00	4.43	0.21	ND	--	2.1	ND	0.67	0.73	ND	--	
10/9/1997	8.62	4.75	0.00	3.87	-0.56	190	--	38	0.92	6.6	7.6	ND	--	
1/14/1998	8.62	2.66	0.00	5.96	2.09	59	--	9.5	0.85	1.2	1.7	4.5	--	
4/1/1998	8.62	3.45	0.00	5.17	-0.79	230	--	66	1.7	12	17	6.4	--	
7/15/1998	8.62	4.21	0.00	4.41	-0.76	290	--	98	45	21	38	21	--	
10/16/1998	8.62	4.11	0.00	4.51	0.10	160	--	44	0.96	2.5	10	17	--	
1/25/1999	8.62	3.26	0.00	5.36	0.85	140	--	27	ND	2.8	6.8	23	--	
4/15/1999	8.62	3.63	0.00	4.99	-0.37	120	--	18	ND	1.8	5.1	14	--	
7/14/1999	8.62	3.89	0.00	4.73	-0.26	280	--	55	3.2	11	31	6.1	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
10/21/1999	8.62	4.09	0.00	4.53	-0.20	140	--	22	0.59	1.7	7.7	5.3	--	
1/20/2000	8.62	3.92	0.00	4.70	0.17	ND	--	0.73	0.86	ND	ND	5.2	--	
4/13/2000	8.62	3.85	0.00	4.77	0.07	67	--	54	ND	2.6	ND	3.8	--	
7/14/2000	8.62	4.18	0.00	4.44	-0.33	ND	--	0.547	ND	ND	ND	ND	--	
10/26/2000	8.62	3.96	0.00	4.66	0.22	ND	--	3.3	ND	0.83	1.5	ND	--	
1/3/2001	8.62	4.14	0.00	4.48	-0.18	52.7	--	5.15	ND	0.823	1.57	ND	--	
4/4/2001	8.62	3.88	0.00	4.74	0.26	129	--	28.1	1.67	4.97	10.1	ND	--	
7/17/2001	8.62	4.08	0.00	4.54	-0.20	ND	--	4.1	ND	1.0	1.8	ND	--	
10/1/2001	8.62	4.22	0.00	4.40	-0.14	140	--	30	0.51	4.0	12	ND<5.0	--	
1/31/2002	8.62	3.68	0.00	4.94	0.54	110	--	16	ND<0.50	2.3	5.6	ND<2.5	--	
4/18/2002	8.62	4.01	0.00	4.61	-0.33	ND<50	--	11	ND<0.50	1.4	4.5	ND<2.5	--	
7/28/2002	8.62	4.11	0.00	4.51	-0.10	--	67	15	ND<0.50	0.94	7.3	--	ND<2.0	
10/9/2002	8.62	3.97	0.00	4.65	0.14	--	ND<50	0.67	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/2/2003	8.62	3.03	0.00	5.59	0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/1/2003	8.62	3.83	0.00	4.79	-0.80	--	ND<50	11	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/1/2003	8.62	4.13	0.00	4.49	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/2/2003	8.62	4.05	0.00	4.57	0.08	--	77	9.9	0.78	2.3	4.9	--	ND<2.0	
1/9/2004	8.62	3.40	0.00	5.22	0.65	--	53	1.2	ND<0.50	0.70	1.6	--	ND<2.0	
4/26/2004	8.62	3.89	0.00	4.73	-0.49	--	ND<50	2.8	1.3	1.0	2.9	--	ND<0.50	
7/22/2004	8.62	3.73	0.00	4.89	0.16	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/2004	8.62	3.41	0.00	5.21	0.32	--	100	2.0	1.2	1.1	3.6	--	ND<0.50	
1/10/2005	8.62	2.68	0.00	5.94	0.73	--	84	7.8	2.7	2.2	8.9	--	ND<0.50	
6/15/2005	8.62	4.63	0.00	3.99	-1.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2005	8.62	3.96	0.00	4.66	0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2005

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
12/13/2005	8.62	3.75	0.00	4.87	0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-1									
2/18/1992	13000	--	--	--	--	--	--	--	--
8/31/1992	8900	--	--	--	--	--	--	--	--
MW-2									
2/18/1992	4300	--	--	--	--	--	--	--	--
5/20/1992	4300	--	--	--	--	--	--	--	--
8/31/1992	1600	--	--	--	--	--	--	--	--
11/30/1992	5700	--	--	--	--	--	--	--	--
2/4/1993	6100	--	--	--	--	--	--	--	--
5/4/1993	7100	--	--	--	--	--	--	--	--
8/4/1993	1800	--	--	--	--	--	--	--	--
11/3/1993	2600	--	--	--	--	--	--	--	--
5/19/1994	3000	--	--	--	--	--	--	--	--
8/15/1994	2800	--	--	--	--	--	--	--	--
11/14/1994	10000	--	--	--	--	--	--	--	--
2/21/1995	2000	--	--	--	--	--	--	--	--
MW-3									
2/18/1992	ND	--	--	--	--	--	--	--	--
8/31/1992	92	--	--	--	--	--	--	--	--
11/30/1992	94	--	--	--	--	--	--	--	--
2/4/1993	550	--	--	--	--	--	--	--	--
5/4/1993	250	--	--	--	--	--	--	--	--
8/4/1993	100	--	--	--	--	--	--	--	--
11/3/1993	160	--	--	--	--	--	--	--	--
2/7/1994	620	--	--	--	--	--	--	--	--
5/19/1994	480	--	--	--	--	--	--	--	--
8/15/1994	110	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-3 continued									
11/14/1994	150	--	--	--	--	--	--	--	--
2/21/1995	850	--	--	--	--	--	--	--	--
5/18/1995	150	--	--	--	--	--	--	--	--
6/1/1997	610	--	--	--	--	--	--	--	--
7/15/1997	240	--	--	--	--	--	--	--	--
10/9/1997	500	--	--	--	--	--	--	--	--
1/14/1998	340	--	--	--	--	--	--	--	--
4/1/1998	320	--	--	--	--	--	--	--	--
7/15/1998	510	--	--	--	--	--	--	--	--
10/16/1998	67	--	--	--	--	--	--	--	--
1/25/1999	120	--	--	--	--	--	--	--	--
4/15/1999	170	--	--	--	--	--	--	--	--
7/14/1999	420	--	--	--	--	--	--	--	--
10/21/1999	350	--	--	--	--	--	--	--	--
1/20/2000	2060	--	--	--	--	--	--	--	--
4/13/2000	200	ND	ND	ND	ND	ND	ND	ND	--
7/14/2000	423	--	--	--	--	--	--	--	--
10/26/2000	330	--	--	--	--	--	--	--	--
1/3/2001	287	--	--	--	--	--	--	--	--
4/4/2001	360	--	--	--	--	--	--	--	--
7/17/2001	270	--	--	--	--	--	--	--	--
10/1/2001	270	--	--	--	--	--	--	--	--
1/31/2002	250	--	--	--	--	--	--	--	--
4/18/2002	320	--	--	--	--	--	--	--	--
7/28/2002	310	--	--	--	--	--	--	--	--
10/9/2002	700	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-3 continued									
1/2/2003	210	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
4/1/2003	200	--	--	--	--	--	--	--	--
7/1/2003	380	--	--	--	--	--	--	ND<2500	--
10/2/2003	300	--	--	--	--	--	--	ND<2500	--
1/9/2004	200	--	--	--	--	--	--	ND<500	--
4/26/2004	160	--	--	--	--	--	--	ND<50	--
7/22/2004	330	--	--	--	--	--	--	ND<1000	--
10/29/2004	200	--	--	--	--	--	--	ND<50	--
1/10/2005	250	--	--	--	--	--	--	ND<50	--
6/15/2005	360	--	--	--	--	--	--	ND<50	--
9/27/2005	ND<200	--	--	ND<0.50	79	ND<0.50	ND<0.50	ND<250	--
12/13/2005	230	--	--	--	--	--	--	ND<250	--
MW-4									
8/31/1992	90	--	--	--	--	--	--	--	--
11/30/1992	61	--	--	--	--	--	--	--	--
2/4/1993	ND	--	--	--	--	--	--	--	--
5/4/1993	ND	--	--	--	--	--	--	--	--
8/4/1993	81	--	--	--	--	--	--	--	--
11/3/1993	68	--	--	--	--	--	--	--	--
2/7/1994	ND	--	--	--	--	--	--	--	--
5/19/1994	90	--	--	--	--	--	--	--	--
8/15/1994	72	--	--	--	--	--	--	--	--
11/14/1994	ND	--	--	--	--	--	--	--	--
MW-5									
8/31/1992	690	--	--	--	--	--	--	--	--
11/30/1992	470	--	--	--	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-5 continued									
2/4/1993	5500	--	--	--	--	--	--	--	ND
5/4/1993	4600	--	--	--	--	--	--	--	ND
8/4/1993	970	--	--	--	--	--	--	--	ND
11/3/1993	2100	--	--	--	--	--	--	--	--
2/7/1994	830	--	--	--	--	--	--	--	--
5/19/1994	600	--	--	--	--	--	--	--	--
8/15/1994	860	--	--	--	--	--	--	--	--
11/14/1994	290	--	--	--	--	--	--	--	--
MW-6									
8/31/1992	750	--	--	--	--	--	--	--	--
11/30/1992	1400	--	--	--	--	--	--	--	--
2/4/1993	890	--	--	--	--	--	--	--	--
5/4/1993	1800	--	--	--	--	--	--	--	--
8/4/1993	1100	--	--	--	--	--	--	--	--
11/3/1993	390	--	--	--	--	--	--	--	--
2/7/1994	970	--	--	--	--	--	--	--	--
5/19/1994	1400	--	--	--	--	--	--	--	--
8/15/1994	790	--	--	--	--	--	--	--	--
11/14/1994	800	--	--	--	--	--	--	--	--
2/21/1995	730	--	--	--	--	--	--	--	--
1/20/2000	67600	--	--	--	--	--	--	--	--
4/13/2000	8700	--	--	--	--	--	--	--	--
7/14/2000	133000	--	--	--	--	--	--	--	--
10/26/2000	61000	--	--	--	--	--	--	--	--
1/3/2001	929	--	--	--	--	--	--	--	--
4/4/2001	18000	ND	ND	ND	ND	ND	ND	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-6 continued									
7/17/2001	20000	--	--	--	--	--	--	--	--
10/1/2001	24000	--	--	--	--	--	--	--	--
1/31/2002	11000	--	--	--	--	--	--	--	--
4/18/2002	3500	--	--	--	--	--	--	--	--
7/28/2002	27000	--	--	--	--	--	--	--	--
10/9/2002	170000	--	--	--	--	--	--	--	--
1/2/2003	66000	--	--	--	--	--	--	--	--
4/1/2003	35000	--	--	--	--	--	--	--	--
7/1/2003	11000	--	--	--	--	--	--	ND<25000	--
10/2/2003	ND<50	--	--	--	--	--	--	ND<200000	--
1/9/2004	20000	--	--	--	--	--	--	ND<50000	--
4/26/2004	13000	--	--	--	--	--	--	ND<5000	--
7/22/2004	33000	--	--	--	--	--	--	ND<300000	--
10/29/2004	78000	--	--	--	--	--	--	ND<5000	--
1/10/2005	12000	--	--	--	--	--	--	ND<5000	--
6/15/2005	16000	--	--	--	--	--	--	ND<5000	--
9/27/2005	2500	--	--	ND<0.50	ND<10	1.8	ND<0.50	ND<250	--
12/13/2005	18000	--	--	--	--	--	--	ND<25000	--
MW-7									
6/1/1997	69	--	--	--	--	--	--	--	--
7/15/1997	ND	--	--	--	--	--	--	--	--
10/9/1997	190	--	--	--	--	--	--	--	--
1/14/1998	65	--	--	--	--	--	--	--	--
4/1/1998	ND	--	--	--	--	--	--	--	--
7/15/1998	74	--	--	--	--	--	--	--	--
10/16/1998	ND	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-7 continued									
1/25/1999	ND	--	--	--	--	--	--	--	--
4/15/1999	ND	--	--	--	--	--	--	--	--
7/14/1999	69	--	--	--	--	--	--	--	--
10/21/1999	ND	--	--	--	--	--	--	--	--
1/20/2000	ND	--	--	--	--	--	--	--	--
4/13/2000	ND	--	--	--	--	--	--	--	--
7/14/2000	68.0	--	--	--	--	--	--	--	--
7/17/2001	ND	--	--	--	--	--	--	--	--
10/1/2001	ND<51	--	--	--	--	--	--	--	--
1/31/2002	90	--	--	--	--	--	--	--	--
4/18/2002	78	--	--	--	--	--	--	--	--
7/28/2002	ND<50	--	--	--	--	--	--	--	--
10/9/2002	ND<96	--	--	--	--	--	--	--	--
1/3/2003	78	--	--	--	--	--	--	--	--
4/1/2003	67	--	--	--	--	--	--	--	--
7/1/2003	68	--	--	--	--	--	--	ND<500	--
10/2/2003	82	--	--	--	--	--	--	ND<500	--
1/9/2004	75	--	--	--	--	--	--	ND<500	--
4/26/2004	ND<50	--	--	--	--	--	--	ND<50	--
7/22/2004	ND<200	--	--	--	--	--	--	ND<1000	--
10/29/2004	54	--	--	--	--	--	--	ND<50	--
1/10/2005	ND<50	--	--	--	--	--	--	ND<50	--
6/15/2005	ND<50	--	--	--	--	--	--	ND<50	--
9/27/2005	ND<200	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<250	--
12/13/2005	ND<200	--	--	--	--	--	--	ND<250	--

MW-8

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-8 continued									
6/1/1997	320	--	--	--	--	--	--	--	--
7/15/1997	ND	--	--	--	--	--	--	--	--
10/9/1997	390	--	--	--	--	--	--	--	--
1/14/1998	230	--	--	--	--	--	--	--	--
4/1/1998	510	--	--	--	--	--	--	--	--
7/15/1998	140	--	--	--	--	--	--	--	--
10/16/1998	170	--	--	--	--	--	--	--	--
1/25/1999	ND	--	--	--	--	--	--	--	--
4/15/1999	91	--	--	--	--	--	--	--	--
7/14/1999	120	--	--	--	--	--	--	--	--
10/21/1999	110	--	--	--	--	--	--	--	--
1/20/2000	583	--	--	--	--	--	--	--	--
4/13/2000	80	--	--	--	--	--	--	--	--
7/14/2000	113	--	--	--	--	--	--	--	--
7/17/2001	ND	--	--	--	--	--	--	--	--
10/1/2001	ND<50	--	--	--	--	--	--	--	--
1/31/2002	260	--	--	--	--	--	--	--	--
4/18/2002	160	--	--	--	--	--	--	--	--
7/28/2002	140	--	--	--	--	--	--	--	--
10/9/2002	120	--	--	--	--	--	--	--	--
1/2/2003	210	--	--	--	--	--	--	--	--
4/1/2003	220	--	--	--	--	--	--	--	--
7/1/2003	170	--	--	--	--	--	--	ND<500	--
10/2/2003	350	--	--	--	--	--	--	ND<500	--
1/9/2004	180	--	--	--	--	--	--	ND<500	--
4/26/2004	100	--	--	--	--	--	--	ND<50	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-8 continued									
7/22/2004	250	--	--	--	--	--	--	ND<1000	--
10/29/2004	120	--	--	--	--	--	--	ND<50	--
1/10/2005	140	--	--	--	--	--	--	ND<50	--
6/15/2005	140	--	--	--	--	--	--	ND<50	--
9/27/2005	ND<200	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<250	--
12/13/2005	ND<200	--	--	--	--	--	--	ND<250	--
MW-9									
2/21/1995	71	--	--	--	--	--	--	--	--
5/18/1995	ND	--	--	--	--	--	--	--	--
8/17/1995	ND	--	--	--	--	--	--	--	--
7/26/1996	98	--	--	--	--	--	--	--	--
10/28/1996	99	--	--	--	--	--	--	--	--
1/29/1997	54	--	--	--	--	--	--	--	--
4/15/1997	94	--	--	--	--	--	--	--	--
7/15/1997	ND	--	--	--	--	--	--	--	--
10/9/1997	160	--	--	--	--	--	--	--	--
1/14/1998	110	--	--	--	--	--	--	--	--
4/1/1998	110	--	--	--	--	--	--	--	--
7/15/1998	200	--	--	--	--	--	--	--	--
10/16/1998	ND	--	--	--	--	--	--	--	--
1/25/1999	ND	--	--	--	--	--	--	--	--
4/15/1999	ND	--	--	--	--	--	--	--	--
7/14/1999	140	--	--	--	--	--	--	--	--
10/21/1999	210	--	--	--	--	--	--	--	--
1/20/2000	519	--	--	--	--	--	--	--	--
4/13/2000	81	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-9 continued									
7/14/2000	107	--	--	--	--	--	--	--	--
10/26/2000	240	--	--	--	--	--	--	--	--
1/3/2001	164	--	--	--	--	--	--	--	--
4/4/2001	240	--	--	--	--	--	--	--	--
7/17/2001	ND	--	--	--	--	--	--	--	--
10/1/2001	ND<52	--	--	--	--	--	--	--	--
1/31/2002	200	--	--	--	--	--	--	--	--
4/18/2002	ND<50	--	--	--	--	--	--	--	--
7/28/2002	ND<50	--	--	--	--	--	--	--	--
10/9/2002	100	--	--	--	--	--	--	--	--
1/2/2003	ND<50	--	--	--	--	--	--	--	--
4/1/2003	56	--	--	--	--	--	--	--	--
7/1/2003	ND<50	--	--	--	--	--	--	ND<500	--
10/2/2003	ND<50	--	--	--	--	--	--	ND<500	--
1/9/2004	91	--	--	--	--	--	--	ND<500	--
4/26/2004	ND<50	--	--	--	--	--	--	ND<50	--
7/22/2004	ND<200	--	--	--	--	--	--	ND<1000	--
10/29/2004	76	--	--	--	--	--	--	ND<50	--
1/10/2005	77	--	--	--	--	--	--	ND<50	--
6/15/2005	67	--	--	--	--	--	--	ND<50	--
9/27/2005	ND<200	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<250	--
12/13/2005	ND<200	--	--	--	--	--	--	ND<250	--
MW-10									
2/21/1995	270	--	--	--	--	--	--	--	--
5/18/1995	75	--	--	--	--	--	--	--	--
8/17/1995	ND	--	--	--	--	--	--	--	--

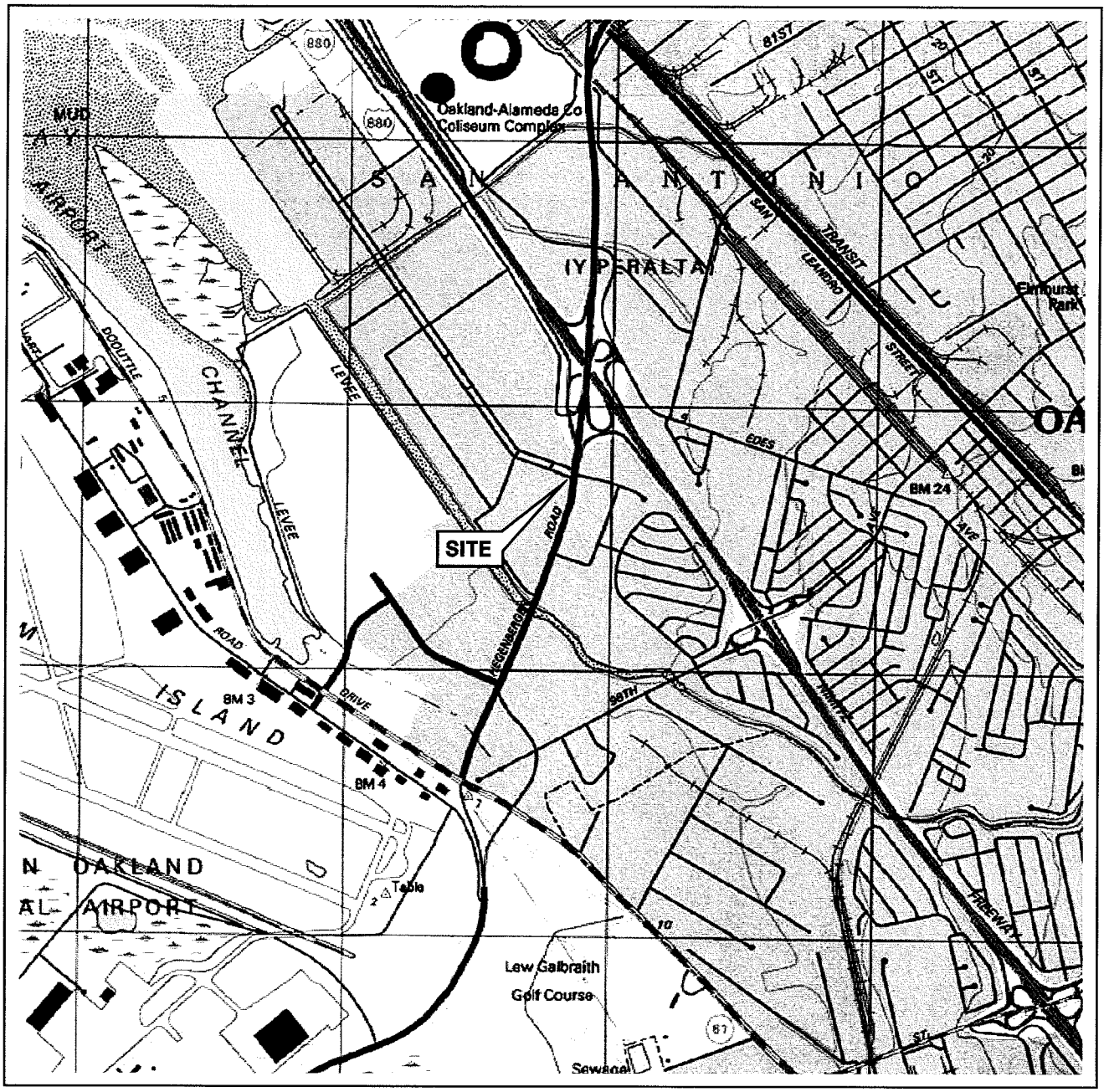
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-10 continued									
7/26/1996	ND	--	--	--	--	--	--	--	--
10/28/1996	ND	--	--	--	--	--	--	--	--
1/29/1997	ND	--	--	--	--	--	--	--	--
4/15/1997	ND	--	--	--	--	--	--	--	--
7/15/1997	ND	--	--	--	--	--	--	--	--
10/9/1997	ND	--	--	--	--	--	--	--	--
4/1/1998	62	--	--	--	--	--	--	--	--
7/15/1998	78	--	--	--	--	--	--	--	--
10/16/1998	ND	--	--	--	--	--	--	--	--
1/25/1999	ND	--	--	--	--	--	--	--	--
4/15/1999	ND	--	--	--	--	--	--	--	--
7/14/1999	180	--	--	--	--	--	--	--	--
10/21/1999	96	--	--	--	--	--	--	--	--
1/20/2000	252	--	--	--	--	--	--	--	--
4/13/2000	69	--	--	--	--	--	--	--	--
7/14/2000	149	--	--	--	--	--	--	--	--
10/26/2000	83	--	--	--	--	--	--	--	--
1/3/2001	126	--	--	--	--	--	--	--	--
4/4/2001	75	--	--	--	--	--	--	--	--
7/17/2001	ND	--	--	--	--	--	--	--	--
10/1/2001	100	--	--	--	--	--	--	--	--
1/31/2002	170	--	--	--	--	--	--	--	--
4/18/2002	130	--	--	--	--	--	--	--	--
7/28/2002	58	--	--	--	--	--	--	--	--
10/9/2002	ND<94	--	--	--	--	--	--	--	--
1/2/2003	64	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	TOG
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-10	**continued**								
4/1/2003	76	--	--	--	--	--	--	--	--
7/1/2003	87	--	--	--	--	--	--	ND<500	--
10/2/2003	160	--	--	--	--	--	--	ND<500	--
1/9/2004	74	--	--	--	--	--	--	ND<500	--
4/26/2004	ND<50	--	--	--	--	--	--	ND<50	--
7/22/2004	ND<200	--	--	--	--	--	--	ND<1000	--
10/29/2004	ND<50	--	--	--	--	--	--	ND<50	--
1/10/2005	94	--	--	--	--	--	--	ND<50	--
6/15/2005	62	--	--	--	--	--	--	ND<50	--
9/27/2005	ND<200	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<250	--
12/13/2005	ND<200	--	--	--	--	--	--	ND<250	--

FIGURES



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

SCALE 1: 24,000

N

SOURCE:

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

VICINITY MAP

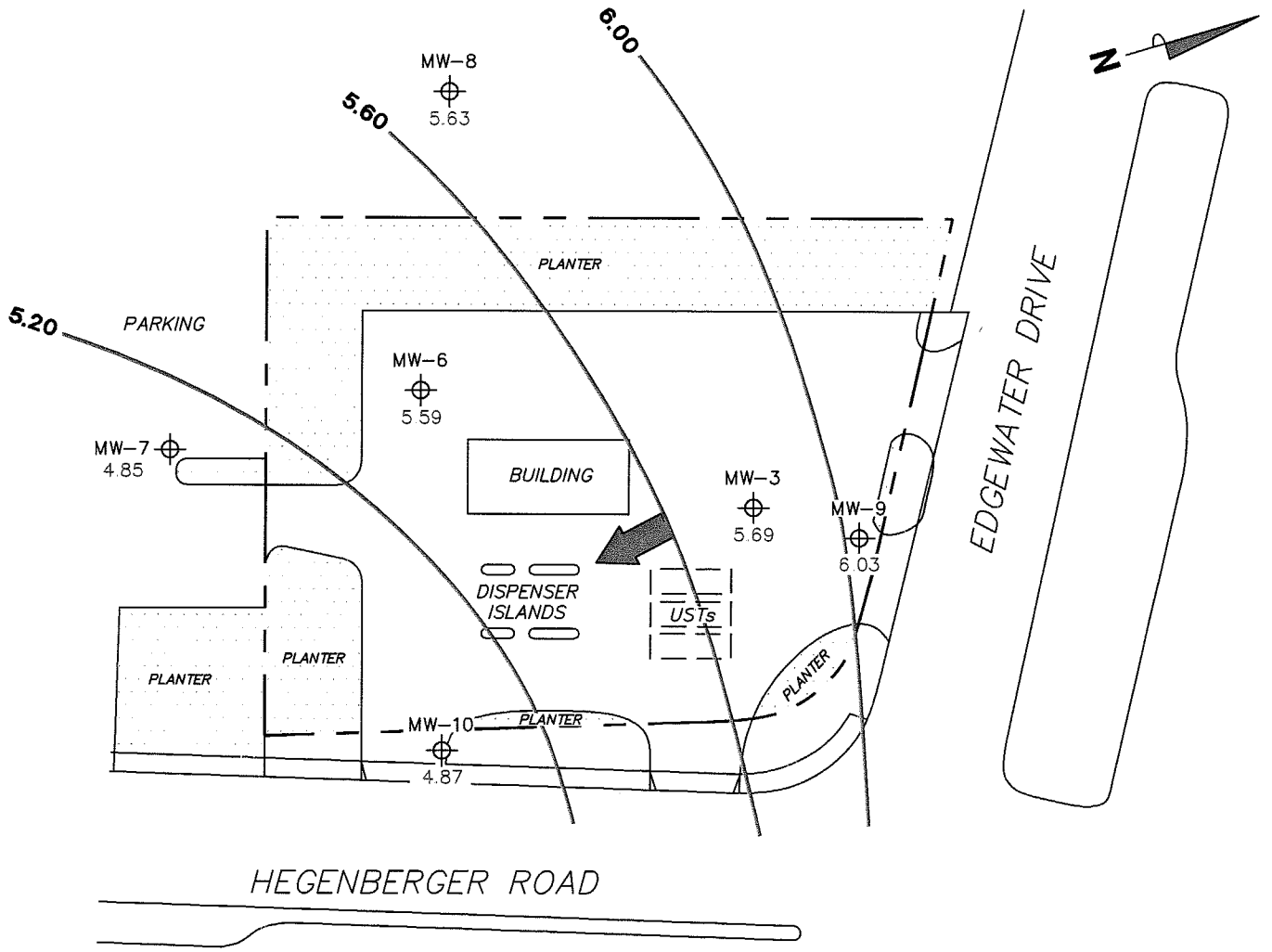
76 Station 5043
449 Hegenberger Road
Oakland, California

FIGURE 1

TRC

PS = 1:1

L:\ V I C I N I T Y M A P S\5043vm.DWG Dec 01, 2005 – 10:27am lwinters



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.

LEGEND

MW-10 ⊕ Monitoring Well with Groundwater Elevation (feet)

6.00 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
December 13, 2005

76 Station 5043
449 Hegenberger Road
Oakland, California

TRC

SCALE (FEET)
0 60

FIGURE 2

PS=1:1 5043-003

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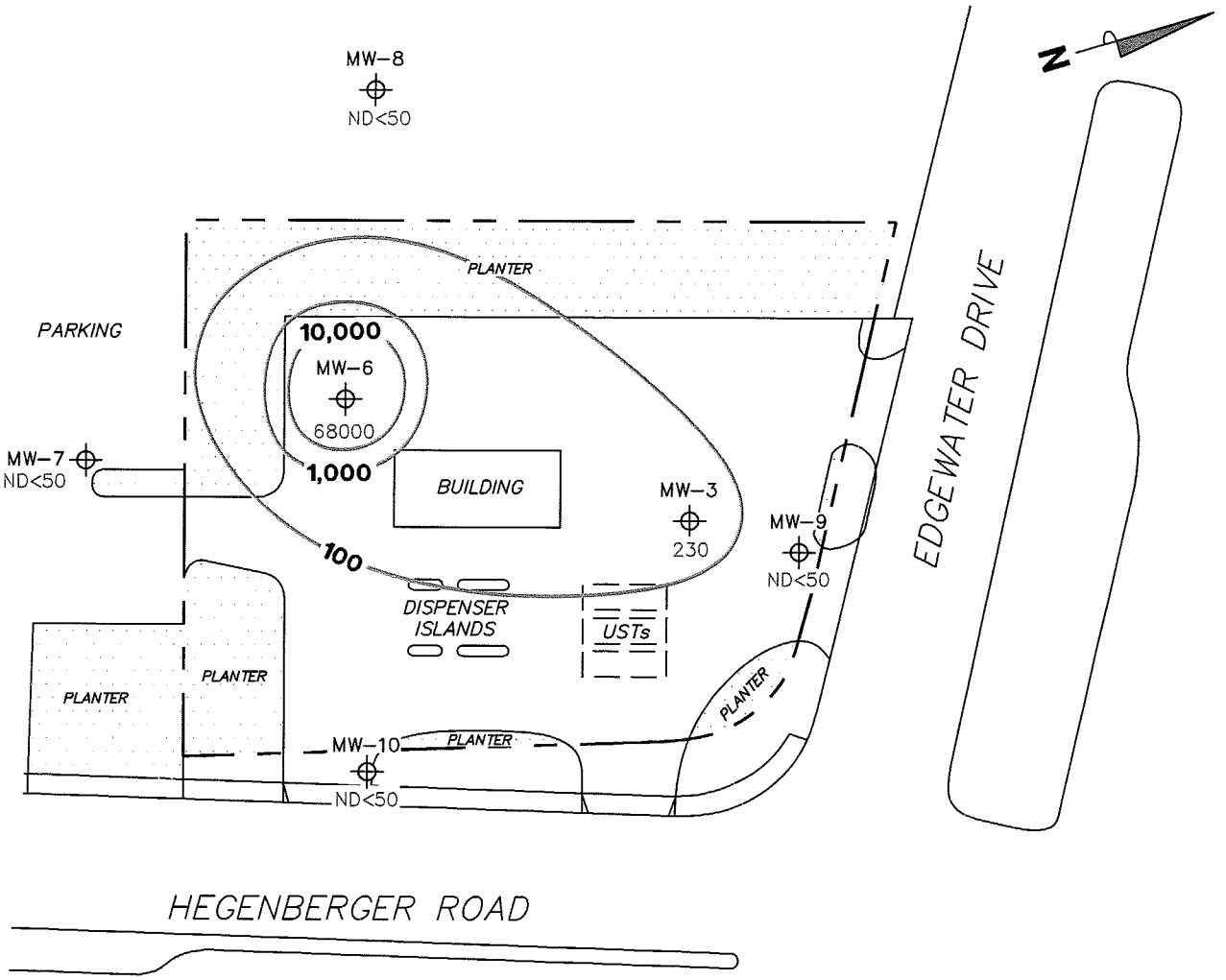


NOTES:

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

LEGEND

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

—10,000— Dissolved-Phase TPPH Contour (µg/l)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
December 13, 2005

76 Station 5043
449 Hegenberger Road
Oakland, California

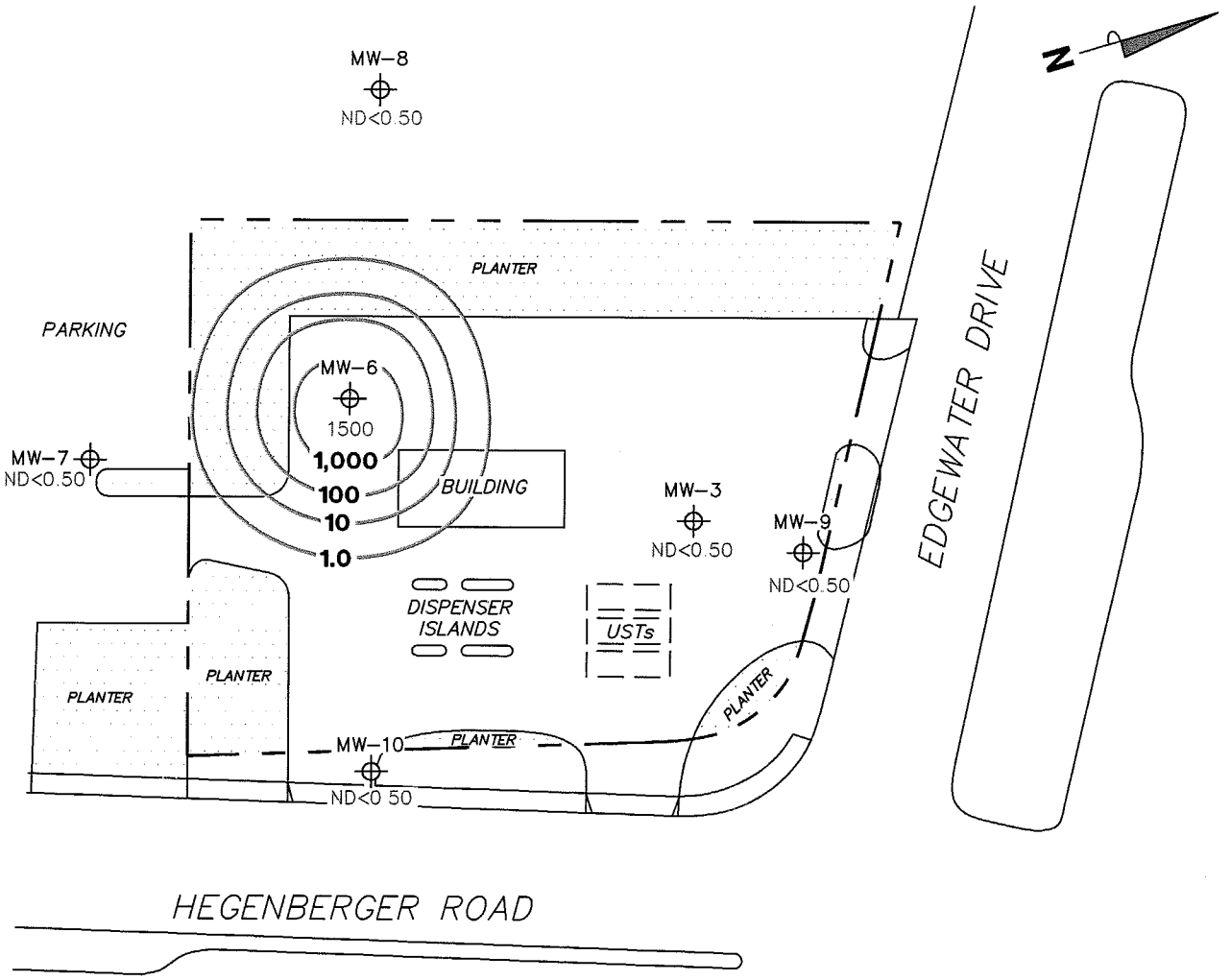
TRC

SCALE (FEET)
0 60

FIGURE 3

PS=1:1 5043-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5043+\5043QMS.DWG Jan 04, 2006 - 8:59am lwinters



NOTES:

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

LEGEND

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

—1,000— Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 13, 2005

76 Station 5043
449 Hegenberger Road
Oakland, California

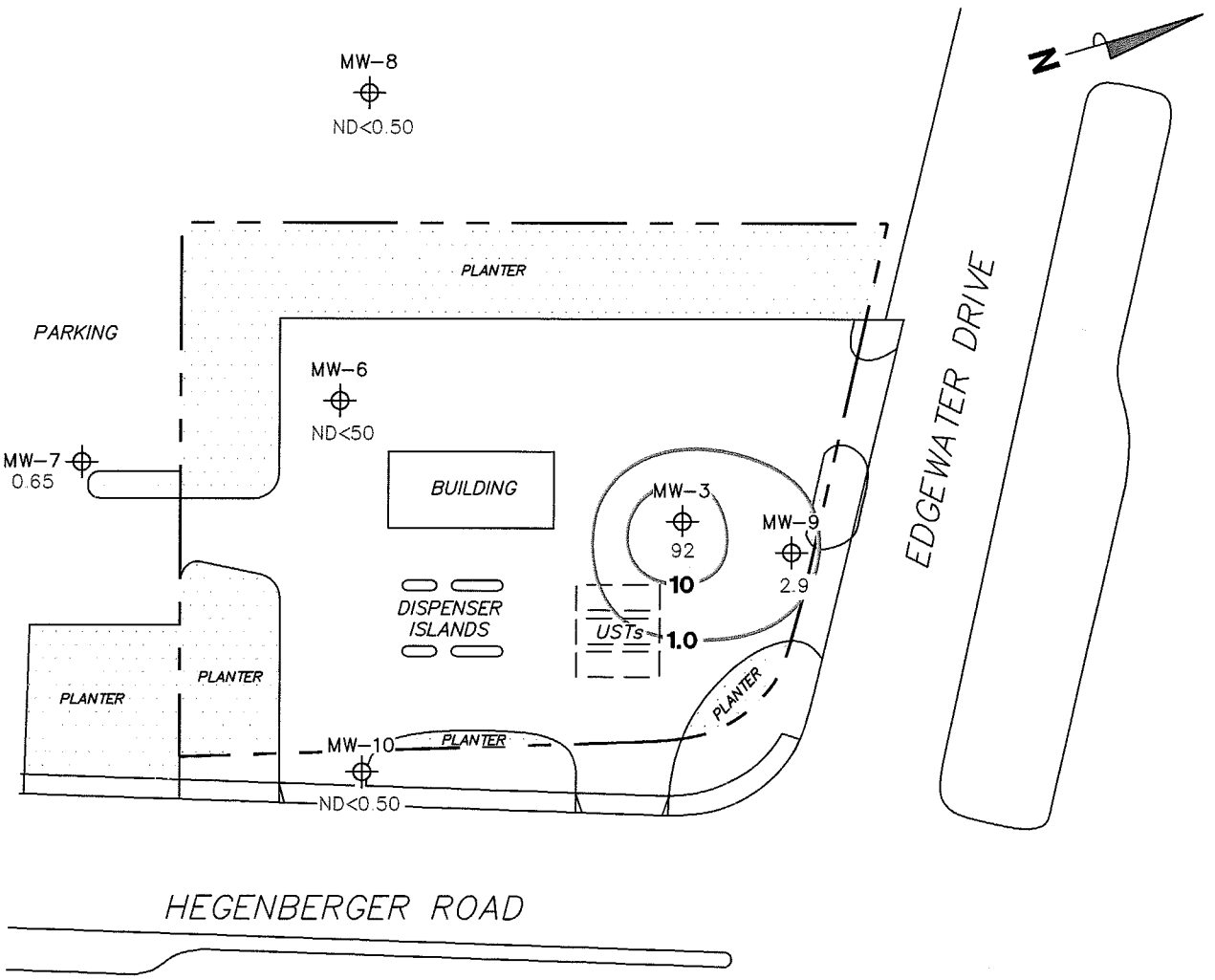
TRC

SCALE (FEET)
0 60

FIGURE 4

PS=1:1 5043-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5043+\5043QMS.DWG Jan 04, 2006 - 8:45am lwinters



NOTES:

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

LEGEND

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

10 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 13, 2005

76 Station 5043
449 Hegenberger Road
Oakland, California

TRC

SCALE (FEET)
0 60

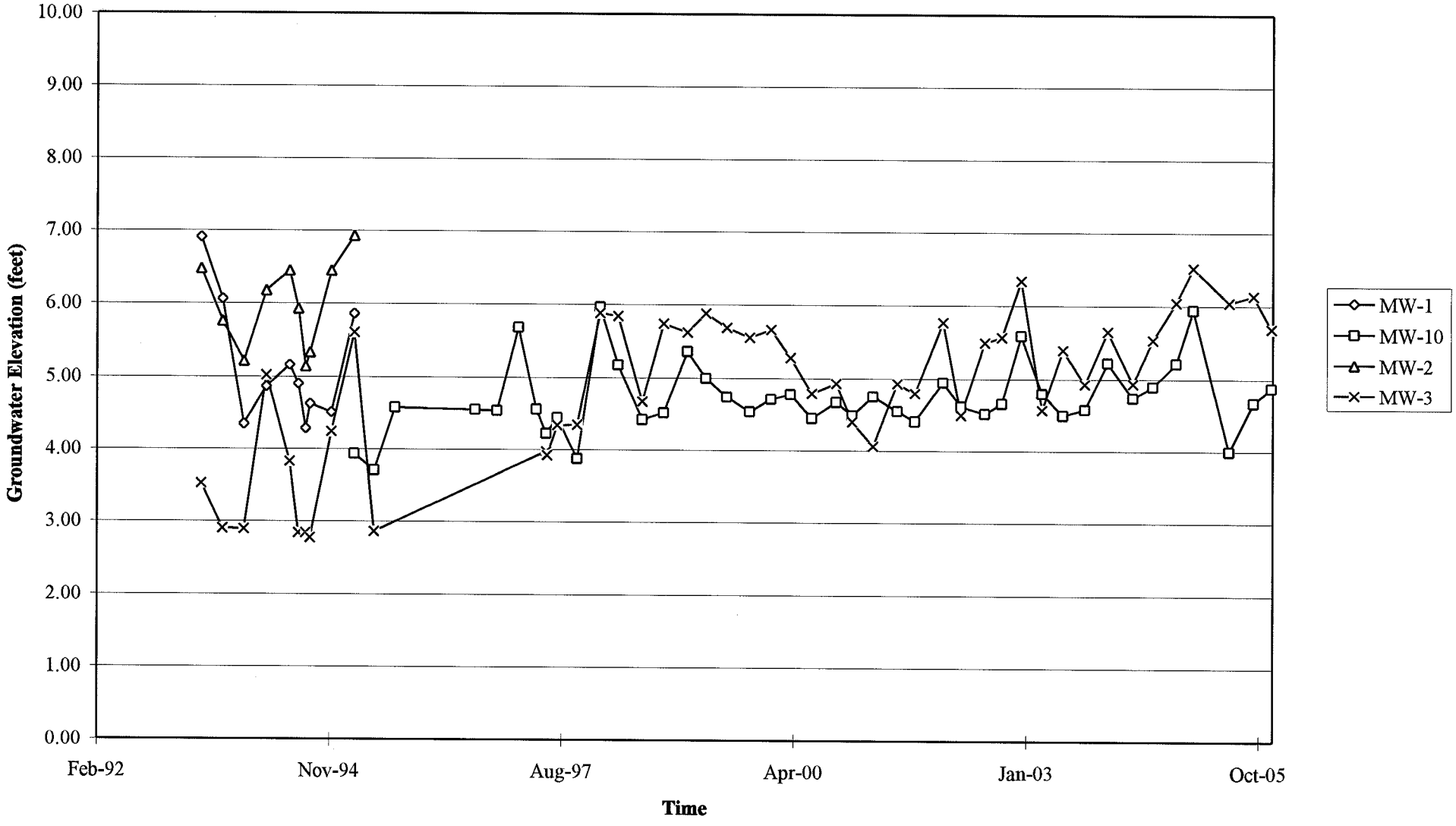
FIGURE 5

PS=1:1 5043-003

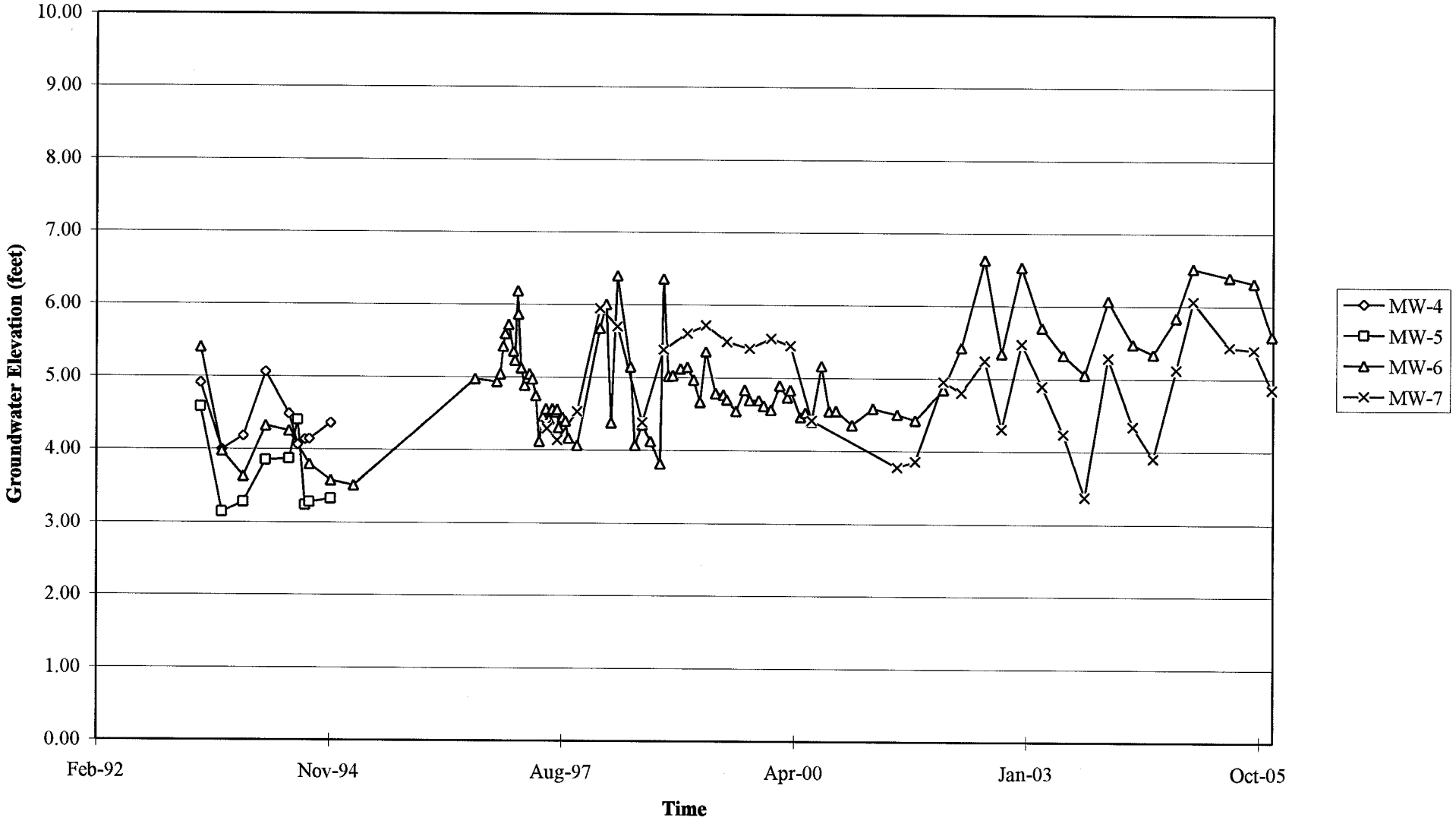
L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5043+\5043QMS.DWG Jan 04, 2006 - 8:59am lwinters

GRAPHS

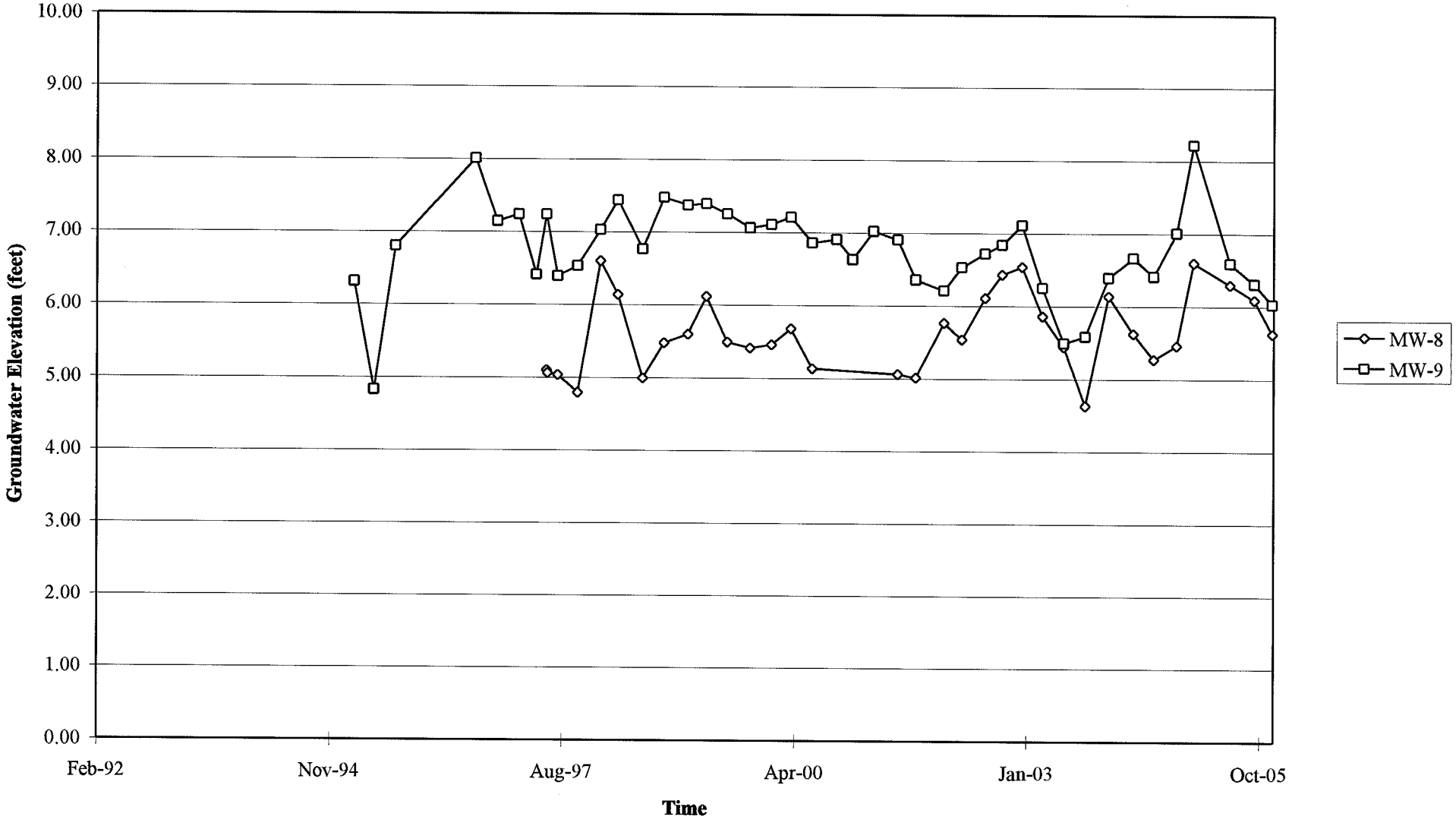
Groundwater Elevations vs. Time
76 Station 5043



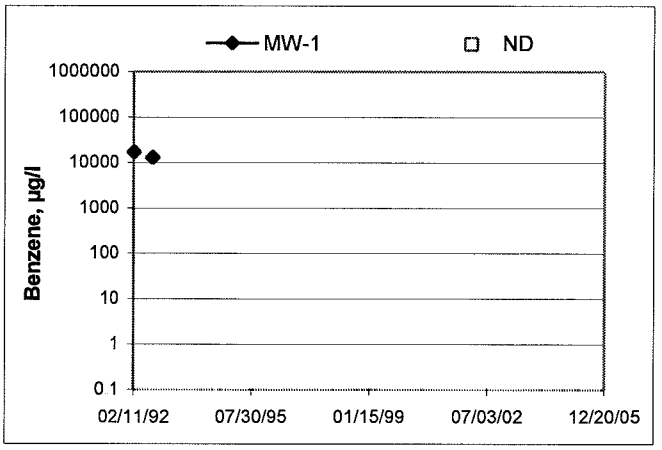
Groundwater Elevations vs. Time
76 Station 5043

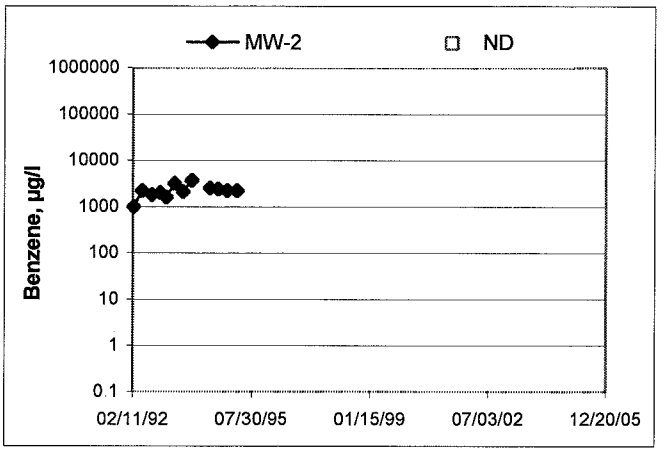


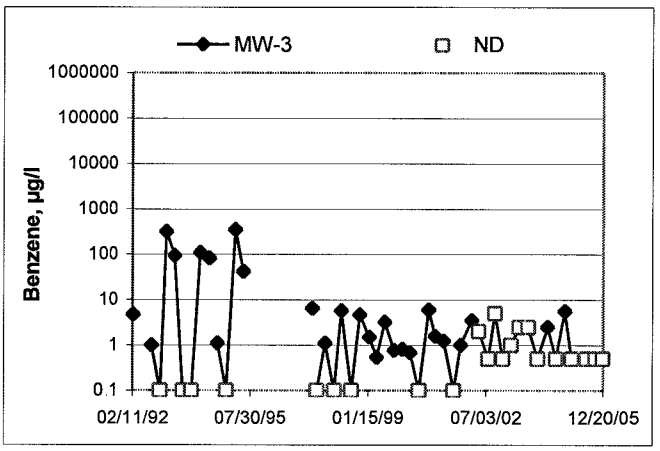
Groundwater Elevations vs. Time
76 Station 5043

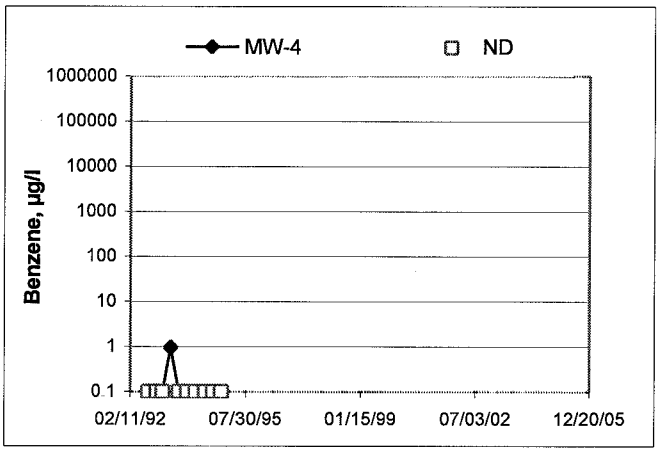


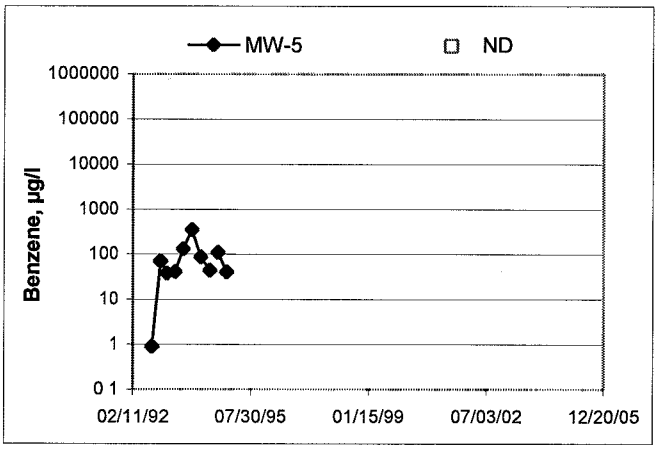
Benzene Concentrations vs Time
76 Station 5043

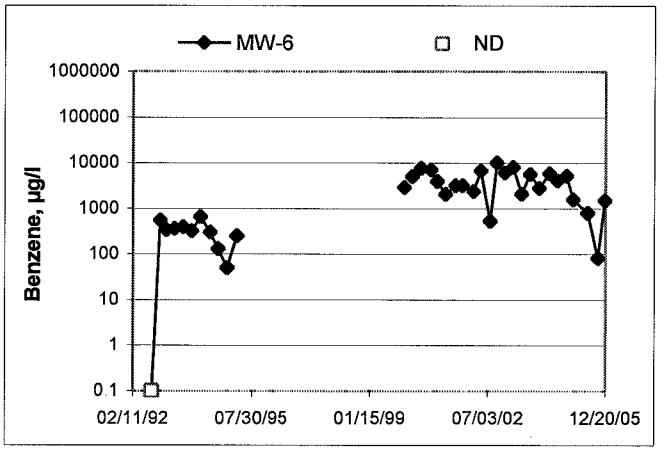


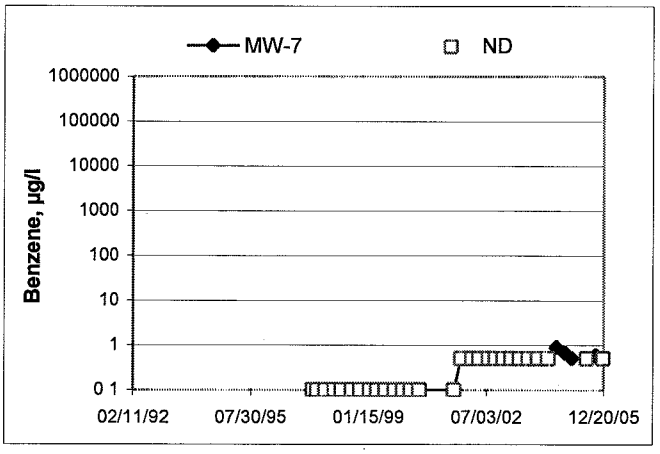


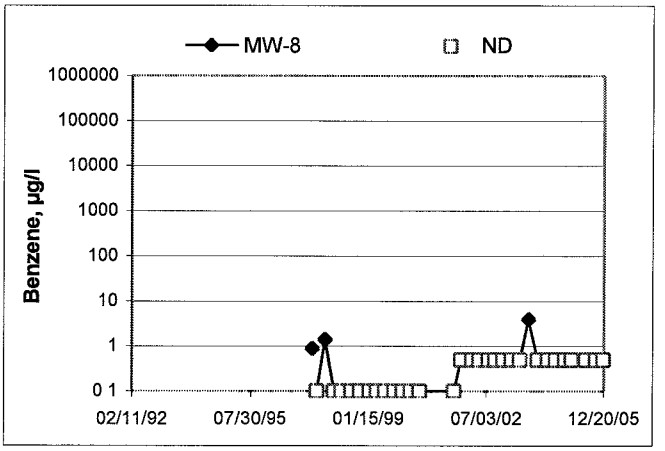




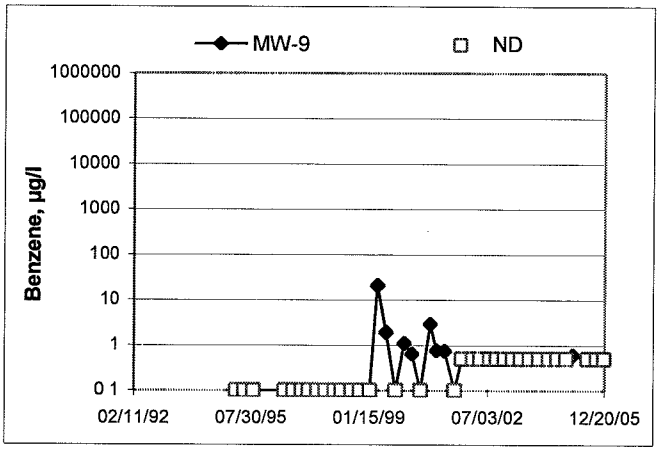


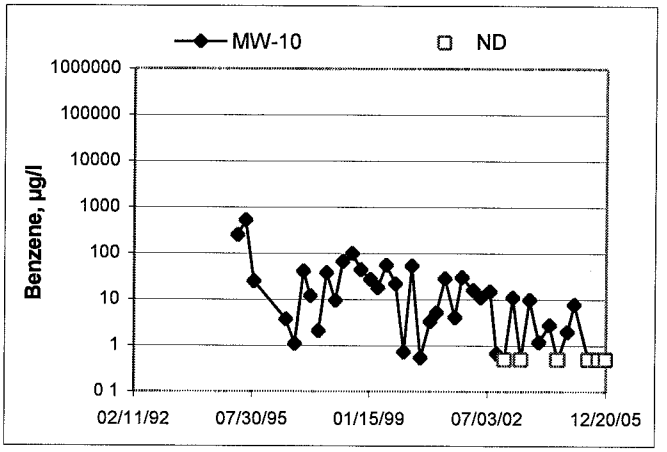






Benzene Concentrations vs Time
76 Station 5043





GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: ALEX Job #/Task #: 41050001 / FAZE Date: 12-13-05

Site # 5043 Project Manager KEITH WOODBURNE Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-8	0554	-	14.76	2.89	-	-	0817	2"
MW-10	0558	-	12.74	3.75	-	-	0806	2"
MW-9	0603	-	12.58	2.26	-	-	0903	2"
MW-3	0607	-	14.02	2.35	-	-	0920	2"
MW-7	0613	-	13.09	3.98	-	-	0840	2"
MW-6	0621	-	12.75	3.28	-	-	0851	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5043 Project No.: 41500.01 Date: 12-13-05

Well No.: MW-8 Purge Method: DIA

Depth to Water (feet): 2.89 Depth to Product (feet): 0

Total Depth (feet): 14.76 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.87 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 5.26 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0803			2	6.32 ms	19.4	6.17		
			4	5.53 ms	19.2	6.07		
	0804		6	6.29ms	20.5	6.06		

Static at Time Sampled	Total Gallons Purged	Time Sampled
2.98	6	0817

Comments:

Well No.: MW-10 Purge Method: DIA

Depth to Water (feet): 3.75 Depth to Product (feet): 0

Total Depth (feet): 12.74 LPH & Water Recovered (gallons): 0

Water Column (feet): 8.99 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 5.54 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O
0653			1	2.39 ms	18.1	6.98		
			2	2.50 ms	19.2	6.97		
	0656		3	1784	19.7	7.02		

Static at Time Sampled	Total Gallons Purged	Time Sampled
3.75	3	0806

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5043 Project No.: 410500.01 Date: 12-13-05

Well No.: MW-9 Purge Method: DIA

Depth to Water (feet): 2.26 Depth to Product (feet): 0

Total Depth (feet): 12.55 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.29 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 4.31 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0714			2	3.77 mS	20.2	6.56		
			4	3.87 mS	21.1	6.69		
	0717		6	4.21 mS	22.4	6.68		

Static at Time Sampled	Total Gallons Purged	Time Sampled
4.25	6	0903

Comments:

Well No.: MW-3 Purge Method DIA

Depth to Water (feet): 2.35 Depth to Product (feet): 0

Total Depth (feet): 14.02 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.67 Casing Diameter (Inches) 2"

80% Recharge Depth (feet): 4.68 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0644			2	1892	17.6	6.60		
			4	1857	17.3	6.64		
	0647		6	2.07 mS	19.9	6.73		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.98	6	0920

Comments: DID NOT RECOVER IN 2HRS.

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 5043 Project No.: 410500.01 Date: 12-13-05

Well No.: MW-7 Purge Method: DIA

Depth to Water (feet): 3.98 Depth to Product (feet): 0

Total Depth (feet): 13.09 LPH & Water Recovered (gallons): 0

Water Column (feet): 9.11 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 5.80 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0730			1	4.74 ms	19.3	6.98		
			2	5.58 ms	20.2	6.84		
	0733		3	3.27 ms	20.7	6.81		

Static at Time Sampled	Total Gallons Purged	Time Sampled
4.02	3	0840

Comments:

Well No.: MW-6 Purge Method: DIA

Depth to Water (feet): 3.28 Depth to Product (feet): 0

Total Depth (feet): 12.75 LPH & Water Recovered (gallons): 0

Water Column (feet): 9.47 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 5.17 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0740			2	2.59 ms	18.8	6.89		
			4	1334	19.2	6.77		
	0743		6	1031	20.6	6.92		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.13	6	0857

Comments:

BC Laboratories, Inc

Date of Report: 12/22/2005

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 5043

BC Lab Number: 0512278

Enclosed are the results of analyses for samples received by the laboratory on 12/13/05 22:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker

Client Service Rep

Authorized Signature

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

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

Reported: 12/22/05 13:54

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512278-01	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 08:17	Global ID: T0600101476
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:
0512278-02	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 08:06	Global ID: T0600101476
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-10	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:
0512278-03	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 09:03	Global ID: T0600101476
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:
0512278-04	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 09:20	Global ID: T0600101476
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:
0512278-05	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 08:40	Global ID: T0600101476
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512278-06	**COC Number:**	---	**Receive Date:**	12/13/05 22:40	Delivery Work Order (LabW:
	Project Number:	5043	**Sampling Date:**	12/13/05 08:51	Global ID: T0600101476
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-01 | **Client Sample Name:** 5043, MW-8, MW-8, 12/13/2005 8:17:00AM, Alex

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	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 12:35	sdu	MS-V12	1	BOL0693		

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

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

Reported: 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-01 | **Client Sample Name:** 5043, MW-8, MW-8, 12/13/2005 8:17:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	12/15/05	12/21/05 06:42	VTR	GC-13A	1	BOL0798	ND	A52
Tetracosane (Surrogate)	79.2	%	36 - 134	(LCL - UCL)	Luft/TPHd	12/15/05	12/21/05 06:42	VTR	GC-13A	1	BOL0798		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-02 | **Client Sample Name:** 5043, MW-10, MW-10, 12/13/2005 8:06:00AM, Alex

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	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693		
Toluene-d8 (Surrogate)	99.5	%	88 - 110	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 12:57	sdu	MS-V12	1	BOL0693		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-02 | **Client Sample Name:** 5043, MW-10, MW-10, 12/13/2005 8:06:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	12/15/05	12/21/05 08:12	VTR	GC-13A	1	BOL0798	ND	
Tetracosane (Surrogate)	78.1	%	36 - 134	(LCL - UCL)	Luft/TPHd	12/15/05	12/21/05 08:12	VTR	GC-13A	1	BOL0798		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-03 | **Client Sample Name:** 5043, MW-9, MW-9, 12/13/2005 9:03:00AM, Alex

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	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Methyl t-butyl ether	2.9	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693		
Toluene-d8 (Surrogate)	100	%	88 - 110	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:19	sdu	MS-V12	1	BOL0693		

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

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

Reported: 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-03 | **Client Sample Name:** 5043, MW-9, MW-9, 12/13/2005 9:03:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	12/15/05	12/21/05 08:34	VTR	GC-13A	1	BOL0798	ND	
Tetracosane (Surrogate)	79.3	%	36 - 134	(LCL - UCL)	Luft/TPHd	12/15/05	12/21/05 08:34	VTR	GC-13A	1	BOL0798		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-04 | **Client Sample Name:** 5043, MW-3, MW-3, 12/13/2005 9:20:00AM, Alex

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	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Methyl t-butyl ether	92	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
Total Purgeable Petroleum Hydrocarbons	230	ug/L	50		EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693		
Toluene-d8 (Surrogate)	99.7	%	88 - 110	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693		
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 13:41	sdu	MS-V12	1	BOL0693		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-04 | **Client Sample Name:** 5043, MW-3, MW-3, 12/13/2005 9:20:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	230	ug/L	200		Luft/TPHd	12/15/05	12/21/05 08:56	VTR	GC-13A	1	BOL0798	ND	A52
Tetracosane (Surrogate)	91.0	%	36 - 134	(LCL - UCL)	Luft/TPHd	12/15/05	12/21/05 08:56	VTR	GC-13A	1	BOL0798		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-05 | **Client Sample Name:** 5043, MW-7, MW-7, 12/13/2005 8:40:00AM, Alex

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	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Methyl t-butyl ether	0.65	ug/L	0.50		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693		
Toluene-d8 (Surrogate)	98.9	%	88 - 110	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115	(LCL - UCL)	EPA-8260	12/19/05	12/19/05 14:04	sdu	MS-V12	1	BOL0693		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-05 | **Client Sample Name:** 5043, MW-7, MW-7, 12/13/2005 8:40:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	12/15/05	12/21/05 09:19	VTR	GC-13A	1	BOL0798	ND	
Tetracosane (Surrogate)	83.4	%	36 - 134	(LCL - UCL)	Luft/TPHd	12/15/05	12/21/05 09:19	VTR	GC-13A	1	BOL0798		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512278-06 | **Client Sample Name:** 5043, MW-6, MW-6, 12/13/2005 8:51:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1500	ug/L	50		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Ethylbenzene	2200	ug/L	50		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Methyl t-butyl ether	ND	ug/L	50		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Toluene	1100	ug/L	50		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Total Xylenes	7700	ug/L	100		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Ethanol	ND	ug/L	25000		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
Total Purgeable Petroleum Hydrocarbons	68000	ug/L	5000		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	12/19/05	12/19/05 21:50	sdu	MS-V12	100	BOL0693		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Total Petroleum Hydrocarbons

BCL Sample ID: 0512278-06 | **Client Sample Name:** 5043, MW-6, MW-6, 12/13/2005 8:51:00AM, Alex

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	18000	ug/L	10000		Luft/TPHd	12/15/05	12/21/05 09:41	VTR	GC-13A	50	BOL0798	ND	A01, A52
Tetracosane (Surrogate)		%	36 - 134 (LCL - UCL)		Luft/TPHd	12/15/05	12/21/05 09:41	VTR	GC-13A	50	BOL0798		A17

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

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

Reported: 12/22/05 13:54

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL0693	BOL0693-MS1	Matrix Spike	0.49000	22.290	25.000	ug/L		87.2		70 - 130	
		BOL0693-MSD1	Matrix Spike Duplicate	0.49000	23.160	25.000	ug/L	3.93	90.7	20	70 - 130	
Toluene	BOL0693	BOL0693-MS1	Matrix Spike	0.25000	25.320	25.000	ug/L		100		70 - 130	
		BOL0693-MSD1	Matrix Spike Duplicate	0.25000	25.140	25.000	ug/L	0.401	99.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0693	BOL0693-MS1	Matrix Spike	ND	9.7100	10.000	ug/L		97.1		76 - 114	
		BOL0693-MSD1	Matrix Spike Duplicate	ND	10.090	10.000	ug/L		101		76 - 114	
Toluene-d8 (Surrogate)	BOL0693	BOL0693-MS1	Matrix Spike	ND	10.270	10.000	ug/L		103		88 - 110	
		BOL0693-MSD1	Matrix Spike Duplicate	ND	10.260	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOL0693	BOL0693-MS1	Matrix Spike	ND	10.120	10.000	ug/L		101		86 - 115	
		BOL0693-MSD1	Matrix Spike Duplicate	ND	9.9100	10.000	ug/L		99.1		86 - 115	

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BOL0798	BOL0798-MS1	Matrix Spike	ND	314.11	500.00	ug/L		62.8		41 - 139	
		BOL0798-MSD1	Matrix Spike Duplicate	ND	328.18	500.00	ug/L	4.36	65.6	30	41 - 139	
Tetracosane (Surrogate)	BOL0798	BOL0798-MS1	Matrix Spike	ND	18.833	20.000	ug/L		94.2		36 - 134	
		BOL0798-MSD1	Matrix Spike Duplicate	ND	18.613	20.000	ug/L		93.1		36 - 134	

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

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

Reported: 12/22/05 13:54

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 Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL0693	BOL0693-BS1	LCS	26.810	25.000	0.50	ug/L	107		70 - 130		
Toluene	BOL0693	BOL0693-BS1	LCS	26.420	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0693	BOL0693-BS1	LCS	10.690	10.000		ug/L	107		76 - 114		
Toluene-d8 (Surrogate)	BOL0693	BOL0693-BS1	LCS	10.360	10.000		ug/L	104		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOL0693	BOL0693-BS1	LCS	9.8800	10.000		ug/L	98.8		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 Percent Recovery	Control Limits RPD	Lab Quals
Diesel Range Organics (C12 - C24)	BOL0798	BOL0798-BS1	LCS	310.48	500.00	200	ug/L	62.1		62 - 101		
Tetracosane (Surrogate)	BOL0798	BOL0798-BS1	LCS	17.211	20.000		ug/L	86.1		36 - 134		

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

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

Reported: 12/22/05 13:54

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	BOL0693	BOL0693-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BOL0693	BOL0693-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BOL0693	BOL0693-BLK1	ND	ug/L	0.50	0.12	
Toluene	BOL0693	BOL0693-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOL0693	BOL0693-BLK1	ND	ug/L	1.0	0.37	
Ethanol	BOL0693	BOL0693-BLK1	ND	ug/L	250	110	
Total Purgeable Petroleum Hydrocarbons	BOL0693	BOL0693-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOL0693	BOL0693-BLK1	99.6	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0693	BOL0693-BLK1	95.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0693	BOL0693-BLK1	99.4	%	86 - 115 (LCL - UCL)		

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

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

Reported: 12/22/05 13:54

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)	BOL0798	BOL0798-BLK1	ND	ug/L	200	66	
Tetracosane (Surrogate)	BOL0798	BOL0798-BLK1	97.7	%	36 - 134 (LCL - UCL)		

TRC Alton Geoscience	Project: 5043	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/22/05 13:54

Notes and Definitions

J	Estimated value
A52	Chromatogram not typical of diesel.
A17	Surrogate not reportable due to sample dilution.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 05-12278 | 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 ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

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

COC Received ☑ YES ☐ NO

Ice Chest ID RW
Temperature: 1.4 °C
Thermometer ID: #48
Emissivity 1.00
Container Other

Date/Time 12/13/05
Analyst Init OTO

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

Comments:_____
Sample Numbering Completed By: OTO Date/Time: 12/14/05 0000

CHK BY: ACM DISTRIBUTION: SKISU SUB-OUT ☐

BC LABORATORIES, INC. 4100 Atlas Court ☐ Bakersfield, CA 93308 (661) 327-4911 ☐ FAX (661) 327-1918

CHAIN OF CUSTODY

05-12278

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address: 449 HEGEN BERGER RD.	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: OAKLAND	4-digit site#: 5043
	Workorder # 1397 TRC 501
State: CA Zip:	Project #: 41050001
Phillips 66 /Unocal Mgr: SHELBY LATHROP	Sampler Name: ALEX

MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	Matrix	BTEX/MTBE by 8260B	TPH GAS by 8015M	TPH DIESEL by 8015M	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPPH by 8260B			3 VOAs w/ HCL / 1 liter amber unpr	Turnaround Time Requested
-1	MW-8		12-13-05 / 0817	G.W	X	\	X			X	X			↓	STD.
-2	MW-10		/ 0806	↓	↓		↓			↓	↓			↓	↓
-3	MW-9		/ 0903	↓	↓		↓			↓	↓			↓	↓
-4	MW-3		/ 0920	↓	↓		↓			↓	↓			↓	↓
-5	MW-7		/ 0840	↓	↓		↓			↓	↓			↓	↓
-6	MW-6		/ 0851	↓	↓		↓			↓	↓			↓	↓

Comments:	Relinquished by: (Signature)	Received by:	Date & Time
	[signature]	Ross Dickey	12-13-05 / 1300
GLOBAL ID: T0600101476	Ross Dickey 12/13/05 1800	[signature]	12-13-05 1800
	[signature]	Teri Obafemi	12/13/05 2240

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

Northern CA

STATEMENTS

Purge Water Disposal

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

Limitations

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