ConocoPhillips
76 Broadway
Sacramento, California 95818

February 2, 2009

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: ***Quarterly Summary Report—Fourth Quarter 2008***
76 Service Station # 5043 RO # 0219
449 Hegenberger Road
Oakland, CA

Dear Ms. Jakub:

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

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

January 20, 2009

Ms. Barbara Jakub
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Quarterly Summary Report - Fourth Quarter 2008
76 Service Station No. 5043, RO# 0000219
449 Hegenberger Road
Oakland, California
RO0000219

DELTA

Dear Ms. Jakub,

On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC's *Quarterly Monitoring Report October through December 2008,* dated January 19, 2009 for the above site. TRC has uploaded a copy of their report to the GeoTracker database.

Please contact me at (916) 503-1260 if you have questions.

Sincerely,

Delta Consultants

PROFESSIONAL GEOLOGIST
JOHN R. REAY
NO. 4716
STATE OF CALIFORNIA

John Reay, P.G.
Senior Project Manager

Enclosure

cc: Mr. Terry Grayson – ConocoPhillips (electronic copy only)

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
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QUARTERLY SUMMARY REPORT
Fourth Quarter 2008

76 Service Station No. 5043, RO# 0000219
449 Hegenberger Road
Oakland, California

County: Alameda

SITE DESCRIPTION

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.

SITE BACKGROUND AND ACTIVITY

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. 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 over excavation in 1995, was fully drilled out and reconstructed in the same borehole.

October 2003 Site environmental consulting responsibilities were transferred to TRC.

April 8-9, 2005 TRC conducted a 24-hour dual phase extraction (DPE) event at the site on monitoring well MW-6. The 24-hour DPE event was moderately successful at removing vapor-phase petroleum hydrocarbons from the subsurface; therefore, TRC recommended DPE no longer be considered a viable remedial alternative for the site.

October 2007 Site environmental consulting responsibilities were transferred to Delta Consultants.

SENSITIVE RECEPTORS

April 24, 2006 TRC completed a sensitive receptor survey for the site. According to the Department of Water Resources (DWR) records, three water supply wells are located within a one-half mile of the Site. In addition, two surface water bodies were observed within a one-half mile radius of the Site. San Leandro Creek is located approximately 1,400 feet southwest of the Site and flows into San Leandro Bay. Elmhurst Creek is located approximately 2,220 feet north of the Site and also flows into San Leandro Bay.

GROUNDWATER MONITORING AND SAMPLING

The groundwater monitoring well network, consisting of three onsite and three offsite monitoring wells, has been monitored and sampled on a quarterly basis since February 1992. During the most recent groundwater sampling event conducted on December 31, 2008, reported depth to groundwater ranged from 2.55 feet (MW-3) to 4.17 feet (MW-7) below top of casing (TOC).

The groundwater flow was reported southeast at a gradient of 0.005 ft/ft. During the previous sampling event, (September 19, 2008) the groundwater gradient was to the southwest at 0.006. Reported historical groundwater flow has been primarily to the south and south-southwest.

Dissolved groundwater concentrations are reported as follows.

TPH-G Detected in three of the six sampled wells with a maximum concentration of 91,000 µg/L in well MW-6. This is a increase from a maximum concentration of 65,000 µg/L in well MW-6 during the previous sampling event. MW-3 and MW-10 showed levels of 190 µg/L and 82 µg/L respectively during the current sampling event.

TPH-D Detected in three of the six wells with a maximum concentration of 68,000 µg/L in MW-6. MW-3 and MW-8 both showed a concentration of 110 µg/L during current sampling event.

Benzene Detected in two of the six sampled wells with a maximum concentration of 2,000 µg/L in well MW-6. This is static from the maximum concentration of MW-6 during the previous sampling event. MW-10 showed a level of 11 µg/L during the current sampling event.

Toluene Toluene was detected in one of the six wells at a concentration of 320 µg/L in MW-6.

Ethylbenzene Detected in two of the six wells at a maximum concentration of 5,300 µg/L in MW-6. MW-10 showed a concentration of 0.81 µg/L during the current sampling period.

Total Xylenes Detected in two of the six wells with a maximum concentration of 13,000 µg/L in MW-6. MW-10 showed a concentration of 1.7 µg/L.

MTBE Detected in one of the six sampled wells with a concentration of 38 µg/L in well MW-3. This is an decrease from a concentration of 120 µg/L in well MW-3 during the previous sampling event.

REMEDIATION STATUS

Hydrogen Peroxide feasibility testing will be proposed for the site.

CHARACTERIZATION STATUS

No activities during this quarter.

RECENT CORRESPONDENCE

No regulatory correspondence were received or sent during the third quarter 2008.

THIS QUARTER ACTIVITIES (Fourth Quarter 2008)

- Delta prepared and submitted *Work Plan for Hydrogen Peroxide Injection, dated 1/6/09* to ACEH.

- TRC prepared the *Quarterly Monitoring Report, October through December 2008* dated July January 19, 2009.

NEXT QUARTER ACTIVITIES (First Quarter 2009)

- TRC will perform the First Quarter 2008 groundwater monitoring and sampling event and will prepare a quarterly monitoring report.

CONSULTANT: Delta Consultants

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: January 19, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

SITE: 76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2008

Dear Mr. Grayson:

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

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. John Reay, Delta Consultants (3 copies)

Enclosures
20-0400/5043R21 QMS

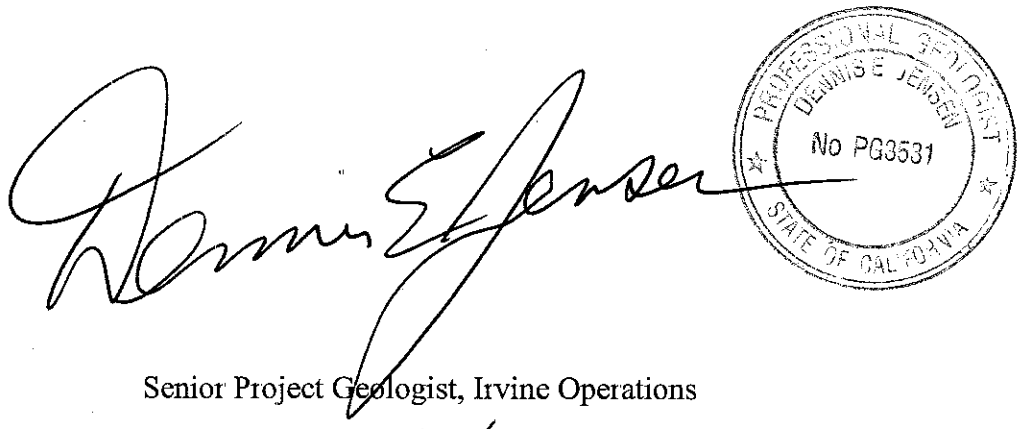
QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2008

76 STATION 5043
449 Hegenberger Road
Oakland, California

Prepared For:

Mr. Terry Grayson
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 1/19/09

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Contour Map Figure 4: Dissolved-Phase Benzene Contour Map Figure 5: Dissolved-Phase MTBE Contour Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 12/31/08 Groundwater Sampling Field Notes – 12/31/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2008 through December 2008
76 Station 5043
449 Hegenberger Road
Oakland, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **12/31/08**

Sample Points

Groundwater wells: **3** onsite, **3** offsite
Points gauged: **6** Points sampled: **6**
Purging method: **Bailer**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): --
LPH removal frequency: -- Method: --
Treatment or disposal of water/LPH: --

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **2.55 feet** Maximum: **4.17 feet**
Average groundwater elevation (relative to available local datum): **5.28 feet**
Average change in groundwater elevation since previous event: **0.48 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, southeast**
Previous event: **0.006 ft/ft, southwest (09/19/08)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **2** Sample Points above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **2,000 µg/l (MW-6)**

Sample Points with **TPH-G by GC/MS** **3** Maximum: **91,000 µg/l (MW-6)**
Sample Points with **MTBE 8260B** **1** Maximum: **38 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-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

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

Contents of Tables 1 and 2
Site: 76 Station 5043

Current Event

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

Historic Data

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 31, 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3			**(Screen Interval in feet: 2.5-14.0)**											
12/31/08	8.04	2.55	0.00	5.49	0.90	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	38	
MW-6			**(Screen Interval in feet: 2.5-13.5)**											
12/31/08	8.87	3.45	0.00	5.42	0.61	--	91000	2000	320	5300	13000	--	ND<50	
MW-7			**(Screen Interval in feet: 3.0-13.0)**											
12/31/08	8.83	4.17	0.00	4.66	0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8			**(Screen Interval in feet: 3.0-15.0)**											
12/31/08	8.52	2.98	0.00	5.54	0.74	--	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)**											
12/31/08	8.29	2.66	0.00	5.63	-0.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10			**(Screen Interval in feet: 3.0-13.0)**											
12/31/08	8.62	3.69	0.00	4.93	0.16	--	82	11	ND<0.50	0.81	1.7	--	ND<0.50	

TRC

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	Ethanol (8260B) (µg/l)
MW-3		
12/31/08	110	ND<250
MW-6		
12/31/08	68000	ND<25000
MW-7		
12/31/08	ND<50	ND<250
MW-8		
12/31/08	110	ND<250
MW-9		
12/31/08	ND<50	ND<250
MW-10		
12/31/08	ND<50	ND<250

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: --)**											
02/18/92	--	--	--	--	--	150000	--	17000	26000	5200	26000	--	--	
05/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/31/92	--	--	--	--	--	64000	--	13000	12000	2500	22000	--	--	
11/30/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
02/04/93	--	--	--	--	--	--	--	--	--	--	--	--	--	
05/04/93	8.96	2.13	0.10	6.90	--	--	--	--	--	--	--	--	--	LPH in well
08/04/93	8.96	2.92	0.03	6.06	-0.84	--	--	--	--	--	--	--	--	LPH in well
11/03/93	7.38	3.04	0.00	4.34	-1.72	--	--	--	--	--	--	--	--	Not sampled; Presence of free product
02/07/94	7.38	2.55	0.03	4.85	0.51	--	--	--	--	--	--	--	--	LPH in well
05/19/94	7.38	2.23	0.01	5.16	0.31	--	--	--	--	--	--	--	--	LPH in well
06/25/94	7.38	2.49	0.01	4.90	-0.26	--	--	--	--	--	--	--	--	LPH in well
07/27/94	7.38	3.10	0.00	4.28	-0.62	--	--	--	--	--	--	--	--	
08/15/94	7.38	2.85	0.11	4.61	0.33	--	--	--	--	--	--	--	--	LPH in well
11/14/94	7.38	2.97	0.12	4.50	-0.11	--	--	--	--	--	--	--	--	LPH in well
02/21/95	7.38	1.53	0.02	5.87	1.37	--	--	--	--	--	--	--	--	LPH in well
05/18/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-2			**(Screen Interval in feet: --)**											
02/18/92	--	--	--	--	--	29000	--	1000	5300	260	7900	--	--	
05/20/92	--	--	--	--	--	24000	--	2200	7600	630	11000	--	--	
08/31/92	--	--	--	--	--	9000	--	1800	640	140	2000	--	--	
11/30/92	--	--	--	--	--	29000	--	2000	3400	1200	6900	--	--	
02/04/93	--	--	--	--	--	18000	--	1600	3000	ND	6900	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
05/04/93	8.96	2.48	0.00	6.48	--	63000	--	3200	17000	470	17000	--	--	
08/04/93	8.96	3.20	0.00	5.76	-0.72	45000	--	2100	6600	1400	12000	--	--	
11/03/93	8.58	3.37	0.00	5.21	-0.55	72000	--	3700	16000	3700	20000	--	--	
02/07/94	8.58	2.40	0.00	6.18	0.97	--	--	--	--	--	--	--	--	Not sampled; Presence of free product
05/19/94	8.58	2.13	0.00	6.45	0.27	42000	--	2500	1300	2300	13000	--	--	
06/25/94	8.58	2.65	0.00	5.93	-0.52	--	--	--	--	--	--	--	--	
07/27/94	8.58	3.44	0.00	5.14	-0.79	--	--	--	--	--	--	--	--	
08/15/94	8.58	3.25	0.00	5.33	0.19	35000	--	2400	850	1700	15000	--	--	
11/14/94	8.58	2.13	0.00	6.45	1.12	43000	--	2200	6500	1800	14000	--	--	
02/21/95	8.58	1.65	0.00	6.93	0.48	44000	--	2200	3200	1300	1500	--	--	
05/18/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-3			**(Screen Interval in feet: 2.5-14.0)**											
02/18/92	--	--	--	--	--	230	--	4.8	22	1.8	33	--	--	
05/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
08/31/92	--	--	--	--	--	210	--	1	ND	ND	ND	--	--	
11/30/92	--	--	--	--	--	790	--	ND	ND	ND	ND	--	--	
02/04/93	--	--	--	--	--	3300	--	320	ND	96	6.1	--	--	
05/04/93	7.84	4.32	0.00	3.52	--	1800	--	95	ND	ND	ND	--	--	
08/04/93	7.84	4.94	0.00	2.90	-0.62	210	--	ND	ND	ND	ND	--	--	
11/03/93	7.42	4.53	0.00	2.89	-0.01	640	--	ND	ND	ND	ND	--	--	
02/07/94	7.42	2.40	0.00	5.02	2.13	2700	--	110	ND	17	ND	--	--	
05/19/94	7.42	3.60	0.00	3.82	-1.20	1800	--	83	ND	6.2	9.1	--	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1992 Through December 2008
76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
06/25/94	7.42	4.58	0.00	2.84	-0.98	--	--	--	--	--	--	--	--	
07/27/94	7.42	4.58	0.00	2.84	0.00	--	--	--	--	--	--	--	--	
08/15/94	7.42	4.65	0.00	2.77	-0.07	130	--	1.1	0.54	ND	0.97	--	--	
11/14/94	7.42	3.18	0.00	4.24	1.47	1600	--	ND	ND	ND	ND	--	--	
02/21/95	7.42	1.81	0.00	5.61	1.37	3800	--	350	ND	130	22	--	--	
05/18/95	7.42	4.56	0.00	2.86	-2.75	1300	--	42	ND	ND	ND	--	--	
08/17/95	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
07/26/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/28/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Obstructed at 0.55 feet
01/29/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
04/15/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
05/27/97	7.42	3.45	0.00	3.97	--	670	--	6.5	ND	ND	ND	250	--	
06/01/97	7.42	3.50	0.00	3.92	-0.05	--	--	--	--	--	--	--	--	
07/15/97	8.04	3.71	0.00	4.33	0.41	240	--	ND	ND	ND	ND	490	--	
10/09/97	8.04	3.70	0.00	4.34	0.01	270	--	1.1	ND	2.4	1.4	910	--	
01/14/98	8.04	2.16	0.00	5.88	1.54	310	--	ND	ND	0.62	0.65	140	--	
04/01/98	8.04	2.20	0.00	5.84	-0.04	370	--	5.7	ND	ND	ND	93	--	
07/15/98	8.04	3.38	0.00	4.66	-1.18	460	--	ND	ND	ND	ND	230	--	
10/16/98	8.04	2.30	0.00	5.74	1.08	330	--	4.7	ND	ND	ND	60	--	
01/25/99	8.04	2.42	0.00	5.62	-0.12	420	--	1.5	ND	ND	ND	180	--	
04/15/99	8.04	2.16	0.00	5.88	0.26	290	--	0.54	ND	ND	ND	160	--	
07/14/99	8.04	2.35	0.00	5.69	-0.19	290	--	3.2	ND	ND	ND	160	--	
10/21/99	8.04	2.49	0.00	5.55	-0.14	360	--	0.77	ND	ND	ND	82	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
01/20/00	8.04	2.38	0.00	5.66	0.11	ND	--	0.81	ND	ND	ND	54	--	
04/13/00	8.04	2.76	0.00	5.28	-0.38	250	--	0.69	ND	ND	ND	91	150	
07/14/00	8.04	3.26	0.00	4.78	-0.50	345	--	ND	ND	ND	ND	94.7	--	
10/26/00	8.04	3.12	0.00	4.92	0.14	480	--	6.0	ND	ND	ND	120	--	
01/03/01	8.04	3.65	0.00	4.39	-0.53	364	--	1.59	ND	ND	ND	118	--	
04/04/01	8.04	3.98	0.00	4.06	-0.33	417	--	1.24	ND	ND	0.802	237	--	
07/17/01	8.04	3.12	0.00	4.92	0.86	480	--	ND	ND	ND	ND	150	--	
10/01/01	8.04	3.25	0.00	4.79	-0.13	310	--	1.0	ND<0.50	ND<0.50	ND<0.50	53	--	
01/31/02	8.04	2.27	0.00	5.77	0.98	250	--	3.5	ND<1.0	ND<1.0	ND<1.0	110	--	
04/18/02	8.04	3.55	0.00	4.49	-1.28	300	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	59	
07/28/02	8.04	2.55	0.00	5.49	1.00	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
10/09/02	8.04	2.47	0.00	5.57	0.08	--	690	ND<5	ND<5	ND<5	ND<10	--	120	
01/02/03	8.04	1.70	0.00	6.34	0.77	--	310	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
04/01/03	8.04	3.48	0.00	4.56	-1.78	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
07/01/03	8.04	2.65	0.00	5.39	0.83	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	70	
10/02/03	8.04	3.12	0.00	4.92	-0.47	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
01/09/04	8.04	2.39	0.00	5.65	0.73	--	300	ND<0.50	0.53	0.53	1.5	--	66	
04/26/04	8.04	3.11	0.00	4.93	-0.72	--	440	2.5	5.5	2.9	9.4	--	81	
07/22/04	8.04	2.51	0.00	5.53	0.60	--	420	ND<0.5	ND<0.5	ND<0.5	ND<1	--	72	
10/29/04	8.04	2.00	0.00	6.04	0.51	--	460	5.6	15	10	46	--	48	
01/10/05	8.04	1.52	0.00	6.52	0.48	--	280	ND<0.50	0.62	ND<0.50	2.4	--	64	
06/15/05	8.04	2.00	0.00	6.04	-0.48	--	460	ND<0.50	0.70	0.56	1.9	--	110	
09/27/05	8.04	1.90	0.00	6.14	0.10	--	210	ND<0.50	0.60	ND<0.50	ND<1.0	--	100	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
12/13/05	8.04	2.35	0.00	5.69	-0.45	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	92	
03/23/06	8.04	1.84	0.00	6.20	0.51	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	88	
06/23/06	8.04	2.26	0.00	5.78	-0.42	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	75	
09/26/06	8.04	2.08	0.00	5.96	0.18	--	270	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	73	
12/22/06	8.04	1.88	0.00	6.16	0.20	--	260	ND<0.50	ND<0.50	ND<0.50	1.2	--	71	
03/30/07	8.04	2.47	0.00	5.57	-0.59	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	120	
06/28/07	8.04	2.54	0.00	5.50	-0.07	--	370	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	55	
09/25/07	8.04	2.56	0.00	5.48	-0.02	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	61	
12/28/07	8.04	2.29	0.00	5.75	0.27	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	66	
03/22/08	8.04	3.26	0.00	4.78	-0.97	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	39	
06/23/08	8.04	2.60	0.00	5.44	0.66	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	
09/19/08	8.04	3.45	0.00	4.59	-0.85	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
12/31/08	8.04	2.55	0.00	5.49	0.90	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	38	
MW-4			**(Screen Interval in feet: --)**											
08/31/92	--	--	--	--	--	240	--	ND	ND	ND	0.54	--	--	
11/30/92	--	--	--	--	--	420	--	ND	ND	ND	ND	--	--	
02/04/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/04/93	9.00	4.09	0.00	4.91	--	110	--	0.95	ND	ND	ND	--	--	
08/04/93	9.00	5.01	0.00	3.99	-0.92	250	--	ND	3.5	ND	4.1	--	--	
11/03/93	8.41	4.23	0.00	4.18	0.19	130	--	ND	ND	ND	ND	--	--	
02/07/94	8.41	3.35	0.00	5.06	0.88	56	--	ND	ND	ND	ND	--	--	
05/19/94	8.41	3.92	0.00	4.49	-0.57	140	--	ND	ND	ND	ND	--	--	
06/25/94	8.41	4.35	0.00	4.06	-0.43	--	--	--	--	--	--	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
07/27/94	8.41	4.28	0.00	4.13	0.07	--	--	--	--	--	--	--	--	
08/15/94	8.41	4.27	0.00	4.14	0.01	59	--	ND	0.6	ND	ND	--	--	
11/14/94	8.41	4.05	0.00	4.36	0.22	130	--	ND	ND	ND	ND	--	--	
02/21/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-5			**(Screen Interval in feet: --)**											
08/31/92	--	--	--	--	--	78	--	0.89	ND	ND	13	--	--	
11/30/92	--	--	--	--	--	930	--	70	290	0.79	14	--	--	
02/04/93	--	--	--	--	--	5700	--	38	ND	620	170	--	--	
05/04/93	8.95	4.37	0.00	4.58	--	7400	--	41	ND	1000	35	--	--	
08/04/93	8.95	5.81	0.00	3.14	-1.44	1500	--	130	I	460	11	--	--	
11/03/93	8.95	5.68	0.00	3.27	0.13	13000	--	350	ND	3500	530	--	--	
02/07/94	8.95	5.11	0.00	3.84	0.57	2000	--	87	ND	370	110	--	--	
05/19/94	8.95	5.09	0.00	3.86	0.02	260	--	44	ND	32	4.1	--	--	
06/25/94	8.95	4.55	0.00	4.40	0.54	--	--	--	--	--	--	--	--	
07/27/94	8.95	5.72	0.00	3.23	-1.17	--	--	--	--	--	--	--	--	
08/15/94	8.95	5.68	0.00	3.27	0.04	1600	--	110	ND	340	72	--	--	
11/14/94	8.95	5.63	0.00	3.32	0.05	250	--	40	ND	ND	5	--	--	
02/21/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-6			**(Screen Interval in feet: 2.5-13.5)**											
08/31/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/30/92	--	--	--	--	--	9200	--	550	ND	740	1600	--	--	
02/04/93	--	--	--	--	--	3600	--	340	ND	290	550	--	--	
05/04/93	9.12	3.72	0.00	5.40	--	4900	--	360	18	450	430	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
08/04/93	9.12	5.15	0.00	3.97	-1.43	3400	--	390	ND	440	190	--	--	
11/03/93	8.87	5.25	0.00	3.62	-0.35	1400	--	320	ND	200	7.7	--	--	
02/07/94	8.87	4.55	0.00	4.32	0.70	4900	--	650	ND	250	35	--	--	
05/19/94	8.87	4.62	0.00	4.25	-0.07	3600	--	300	1.7	210	41	--	--	
08/15/94	8.87	5.08	0.00	3.79	-0.46	1300	--	130	6.7	54	57	--	--	
11/14/94	8.87	5.30	0.00	3.57	-0.22	730	--	50	ND	ND	39	--	--	
02/21/95	8.87	5.37	0.00	3.50	-0.07	2000	--	250	4.6	25	30	--	--	
05/18/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
08/17/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
07/26/96	8.87	6.40	3.33	4.97	--	--	--	--	--	--	--	--	--	LPH in well
10/28/96	8.87	4.10	0.21	4.93	-0.04	--	--	--	--	--	--	--	--	LPH in well
11/13/96	8.87	4.02	0.25	5.04	0.11	--	--	--	--	--	--	--	--	LPH in well
11/25/96	8.87	4.01	0.75	5.42	0.38	--	--	--	--	--	--	--	--	LPH in well
12/04/96	8.87	3.65	0.50	5.59	0.17	--	--	--	--	--	--	--	--	LPH in well
12/19/96	8.87	4.80	2.20	5.72	0.13	--	--	--	--	--	--	--	--	LPH in well
01/08/97	8.87	4.84	1.75	5.34	-0.38	--	--	--	--	--	--	--	--	LPH in well
01/14/97	8.87	4.51	1.15	5.22	-0.12	--	--	--	--	--	--	--	--	LPH in well
01/27/97	8.87	4.00	1.75	6.18	0.96	--	--	--	--	--	--	--	--	LPH in well
01/29/97	8.87	3.24	0.31	5.86	-0.32	--	--	--	--	--	--	--	--	LPH in well
02/11/97	8.87	4.65	1.20	5.12	-0.74	--	--	--	--	--	--	--	--	LPH in well
02/24/97	8.87	4.81	1.10	4.89	-0.23	--	--	--	--	--	--	--	--	LPH in well
03/10/97	8.87	4.60	0.95	4.98	0.10	--	--	--	--	--	--	--	--	LPH in well
03/17/97	8.87	4.50	0.89	5.04	0.05	--	--	--	--	--	--	--	--	LPH in well

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
03/31/97	8.87	4.65	1.00	4.97	-0.07	--	--	--	--	--	--	--	--	LPH in well
04/15/97	8.87	4.90	1.03	4.74	-0.23	--	--	--	--	--	--	--	--	LPH in well
04/28/97	8.87	4.78	0.03	4.11	-0.63	--	--	--	--	--	--	--	--	LPH in well
05/15/97	8.87	4.60	0.25	4.46	0.35	--	--	--	--	--	--	--	--	LPH in well
05/27/97	8.87	4.50	0.25	4.56	0.10	--	--	--	--	--	--	--	--	LPH in well
06/09/97	8.87	4.60	0.20	4.42	-0.14	--	--	--	--	--	--	--	--	LPH in well
06/24/97	8.87	4.50	0.25	4.56	0.14	--	--	--	--	--	--	--	--	LPH in well
07/09/97	8.87	4.80	0.60	4.52	-0.04	--	--	--	--	--	--	--	--	LPH in well
07/15/97	8.87	4.63	0.42	4.55	0.04	--	--	--	--	--	--	--	--	LPH in well
07/21/97	8.87	4.75	0.25	4.31	-0.25	--	--	--	--	--	--	--	--	LPH in well
08/06/97	8.87	4.50	0.10	4.44	0.14	--	--	--	--	--	--	--	--	LPH in well
08/20/97	8.87	4.55	0.10	4.39	-0.05	--	--	--	--	--	--	--	--	LPH in well
09/02/97	8.87	4.75	0.05	4.16	-0.24	--	--	--	--	--	--	--	--	LPH in well
10/09/97	8.87	4.84	0.04	4.06	-0.10	--	--	--	--	--	--	--	--	LPH in well
01/14/98	8.87	3.90	0.94	5.67	1.61	--	--	--	--	--	--	--	--	LPH in well
02/12/98	8.87	3.35	0.64	6.00	0.33	--	--	--	--	--	--	--	--	LPH in well
03/03/98	8.87	4.51	0.02	4.37	-1.63	--	--	--	--	--	--	--	--	LPH in well
04/01/98	8.87	3.67	1.60	6.40	2.03	--	--	--	--	--	--	--	--	LPH in well
05/26/98	8.87	4.11	0.50	5.13	-1.26	--	--	--	--	--	--	--	--	LPH in well
06/15/98	8.87	5.03	0.30	4.06	-1.07	--	--	--	--	--	--	--	--	LPH in well
07/15/98	8.87	4.56	0.05	4.35	0.28	--	--	--	--	--	--	--	--	LPH in well
08/21/98	8.87	4.77	0.02	4.11	-0.23	--	--	--	--	--	--	--	--	LPH in well
09/30/98	8.87	5.08	0.03	3.81	-0.30	--	--	--	--	--	--	--	--	LPH in well

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
10/16/98	8.87	4.31	2.40	6.36	2.55	--	--	--	--	--	--	--	--	LPH in well
11/06/98	8.87	3.98	0.17	5.02	-1.34	--	--	--	--	--	--	--	--	LPH in well
11/25/98	8.87	3.92	0.10	5.02	0.01	--	--	--	--	--	--	--	--	LPH in well
12/28/98	8.87	3.90	0.20	5.12	0.10	--	--	--	--	--	--	--	--	LPH in well
01/25/99	8.87	4.18	0.60	5.14	0.02	--	--	--	--	--	--	--	--	LPH in well
02/22/99	8.87	4.07	0.22	4.96	-0.18	--	--	--	--	--	--	--	--	LPH in well
03/22/99	8.87	4.32	0.15	4.66	-0.30	--	--	--	--	--	--	--	--	LPH in well
04/15/99	8.87	4.23	0.95	5.35	0.69	--	--	--	--	--	--	--	--	LPH in well
05/28/99	8.87	4.38	0.39	4.78	-0.57	--	--	--	--	--	--	--	--	LPH in well
06/29/99	8.87	4.12	0.02	4.76	-0.02	--	--	--	--	--	--	--	--	LPH in well
07/14/99	8.87	4.20	0.03	4.69	-0.07	--	--	--	--	--	--	--	--	Not sampled - presence of free product
08/23/99	8.87	4.51	0.24	4.54	-0.15	--	--	--	--	--	--	--	--	LPH in well
09/30/99	8.87	4.17	0.17	4.83	0.29	--	--	--	--	--	--	--	--	LPH in well
10/21/99	8.87	4.27	0.12	4.69	-0.14	--	--	--	--	--	--	--	--	LPH in well
11/29/99	8.87	4.18	0.00	4.69	0.00	--	--	--	--	--	--	--	--	
12/20/99	8.87	4.26	0.01	4.62	-0.07	--	--	--	--	--	--	--	--	LPH in well
01/20/00	8.87	4.31	0.00	4.56	-0.06	130000	--	2900	8600	2000	16000	ND	--	
02/26/00	8.87	3.98	0.00	4.89	0.33	--	--	--	--	--	--	--	--	
03/31/00	8.87	4.14	0.00	4.73	-0.16	--	--	--	--	--	--	--	--	
04/13/00	8.87	4.04	0.00	4.83	0.10	140000	--	5000	14000	3600	27000	7700	--	
05/26/00	8.87	4.41	0.00	4.46	-0.37	--	--	--	--	--	--	--	--	
06/17/00	8.87	4.35	0.00	4.52	0.06	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
07/14/00	8.87	4.47	0.00	4.40	-0.12	259000	--	7670	13700	6860	40700	ND	ND	
08/24/00	8.87	3.71	0.00	5.16	0.76	--	--	--	--	--	--	--	--	
09/27/00	8.87	4.33	0.00	4.54	-0.62	--	--	--	--	--	--	--	--	
10/26/00	8.87	4.32	0.00	4.55	0.01	110000	--	7000	6200	3700	12000	670	43	
01/03/01	8.87	4.52	0.00	4.35	-0.20	84700	--	3950	4130	3650	11800	ND	ND	
04/04/01	8.87	4.29	0.00	4.58	0.23	69800	--	2060	2840	3650	10900	ND	47.8	
07/17/01	8.87	4.37	0.00	4.50	-0.08	100000	--	3200	3300	3400	12000	ND	--	
10/01/01	8.87	4.45	0.00	4.42	-0.08	110000	--	3200	2400	4500	13000	ND<1000	--	
01/31/02	8.87	4.03	0.00	4.84	0.42	230000	--	2400	1800	5400	16000	ND<2500	--	
04/18/02	8.87	3.45	0.00	5.42	0.58	94000	--	6800	13000	3000	19000	ND<500	--	
07/28/02	8.87	2.24	0.00	6.63	1.21	--	110000	530	170	3200	7300	--	ND<100	
10/09/02	8.87	3.53	0.00	5.34	-1.29	--	970000	10000	39000	13000	94000	--	ND<2000	
01/02/03	8.87	2.34	0.00	6.53	1.19	--	270000	6100	15000	5400	37000	--	ND<200	
04/01/03	8.87	3.17	0.00	5.70	-0.83	--	3000000	8000	39000	37000	260000	--	ND<2000	
07/01/03	8.87	3.55	0.00	5.32	-0.38	--	38000	2100	990	2700	6500	--	ND<100	
10/02/03	8.87	3.82	0.00	5.05	-0.27	--	100000	5600	6900	4700	18000	--	ND<800	
01/09/04	8.87	2.80	0.00	6.07	1.02	--	170000	2800	3300	4700	16000	--	ND<200	
04/26/04	8.87	3.40	0.00	5.47	-0.60	--	97000	5900	9000	5100	23000	--	ND<50	
07/22/04	8.87	3.54	0.00	5.33	-0.14	--	110000	4100	5100	4000	16000	--	ND<200	
10/29/04	8.87	3.03	0.00	5.84	0.51	--	100000	5200	6100	4200	15000	--	ND<50	
01/10/05	8.87	2.35	0.00	6.52	0.68	--	71000	1600	3700	2100	9900	--	ND<50	
06/15/05	8.87	2.47	0.00	6.40	-0.12	--	130000	800	1800	2200	9300	--	ND<50	
09/27/05	8.87	2.55	0.00	6.32	-0.08	--	13000	82	120	430	990	--	0.56	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
12/13/05	8.87	3.28	0.00	5.59	-0.73	--	68000	1500	1100	2200	7700	--	ND<50	
03/23/06	8.87	2.87	0.00	6.00	0.41	--	41000	290	140	1500	2700	--	ND<50	
06/23/06	8.87	3.15	0.00	5.72	-0.28	--	50000	2200	1400	1900	5700	--	ND<12	
09/26/06	8.87	3.08	0.00	5.79	0.07	--	130000	2200	1000	2900	8800	--	ND<50	
12/22/06	8.87	2.90	0.00	5.97	0.18	--	90000	940	610	1900	4700	--	ND<50	
03/30/07	8.87	3.26	0.00	5.61	-0.36	--	210000	1100	560	3400	12000	--	ND<10	
06/28/07	8.87	3.46	0.00	5.41	-0.20	--	67000	2200	1300	2700	10000	--	ND<25	
09/25/07	8.87	3.52	0.00	5.35	-0.06	--	56000	2900	720	2400	9000	--	ND<25	
12/28/07	8.87	3.27	0.00	5.60	0.25	--	78000	28000	2700	4000	8100	--	16000	
03/22/08	8.87	2.48	0.00	6.39	0.79	--	66000	380	150	1500	2400	--	ND<25	
06/23/08	8.87	3.54	0.00	5.33	-1.06	--	59000	1600	130	1800	4100	--	25	
09/19/08	8.87	4.06	0.00	4.81	-0.52	--	65000	2000	230	2000	4500	--	ND<12	
12/31/08	8.87	3.45	0.00	5.42	0.61	--	91000	2000	320	5300	13000	--	ND<50	
MW-7			**(Screen Interval in feet: 3.0-13.0)**											
05/27/97	8.83	4.50	0.00	4.33	--	68	--	ND	ND	ND	ND	ND	--	
06/01/97	8.83	4.54	0.00	4.29	-0.04	--	--	--	--	--	--	--	--	
07/15/97	8.83	4.70	0.00	4.13	-0.16	ND	--	ND	ND	ND	ND	ND	--	
10/09/97	8.83	4.30	0.00	4.53	0.40	ND	--	ND	ND	ND	ND	ND	--	
01/14/98	8.83	2.88	0.00	5.95	1.42	ND	--	ND	ND	ND	ND	36	--	
04/01/98	8.83	3.13	0.00	5.70	-0.25	ND	--	ND	ND	ND	ND	ND	--	
07/15/98	8.83	4.45	0.00	4.38	-1.32	ND	--	ND	ND	ND	ND	ND	--	
10/16/98	8.83	3.45	0.00	5.38	1.00	ND	--	ND	ND	ND	ND	ND	--	
01/25/99	8.83	3.22	0.00	5.61	0.23	ND	--	ND	ND	ND	ND	ND	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
04/15/99	8.83	3.11	0.00	5.72	0.11	ND	--	ND	ND	ND	ND	ND	--	
07/14/99	8.83	3.34	0.00	5.49	-0.23	ND	--	ND	ND	ND	ND	ND	--	
10/21/99	8.83	3.43	0.00	5.40	-0.09	ND	--	ND	ND	ND	ND	ND	--	
01/20/00	8.83	3.29	0.00	5.54	0.14	ND	--	ND	ND	ND	ND	4.2	--	
04/13/00	8.83	3.39	0.00	5.44	-0.10	ND	--	ND	ND	ND	ND	ND	--	
07/14/00	8.83	4.42	0.00	4.41	-1.03	ND	--	ND	ND	ND	ND	7.83	--	
07/17/01	8.83	5.06	0.00	3.77	-0.64	ND	--	ND	ND	ND	ND	ND	--	
10/01/01	8.83	4.98	0.00	3.85	0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/31/02	8.83	3.88	0.00	4.95	1.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/18/02	8.83	4.03	0.00	4.80	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	--	
07/28/02	8.83	3.59	0.00	5.24	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
10/09/02	8.83	4.53	0.00	4.30	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
01/03/03	8.83	3.36	0.00	5.47	1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/01/03	8.83	3.94	0.00	4.89	-0.58	--	71	ND<0.50	ND<0.50	0.71	ND<1.0	--	3.4	
07/01/03	8.83	4.60	0.00	4.23	-0.66	--	64	ND<0.50	ND<0.50	0.77	2.0	--	35	
10/02/03	8.83	5.46	0.00	3.37	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
01/09/04	8.83	3.55	0.00	5.28	1.91	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
04/26/04	8.83	4.49	0.00	4.34	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	2.3	
07/22/04	8.83	4.93	0.00	3.90	-0.44	--	82	0.90	2.0	3.5	9.9	--	1.4	
10/29/04	8.83	3.71	0.00	5.12	1.22	--	210	0.67	1.6	1.7	5.8	--	ND<0.50	
01/10/05	8.83	2.77	0.00	6.06	0.94	--	74	0.51	2.2	1.7	7.0	--	ND<0.50	
06/15/05	8.83	3.40	0.00	5.43	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.88	
09/27/05	8.83	3.44	0.00	5.39	-0.04	--	ND<50	0.59	1.2	ND<0.50	ND<1.0	--	0.96	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
12/13/05	8.83	3.98	0.00	4.85	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	
03/23/06	8.83	3.37	0.00	5.46	0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/06	8.83	5.25	0.00	3.58	-1.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/26/06	8.83	4.13	0.00	4.70	1.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.77	
12/22/06	8.83	3.63	0.00	5.20	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/30/07	8.83	4.31	0.00	4.52	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/28/07	8.83	4.62	0.00	4.21	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.54	
09/25/07	8.83	4.65	0.00	4.18	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/28/07	8.83	3.99	0.00	4.84	0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/22/08	8.83	4.08	0.00	4.75	-0.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/08	8.83	4.10	0.00	4.73	-0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/19/08	8.83	4.86	0.00	3.97	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/31/08	8.83	4.17	0.00	4.66	0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8			**(Screen Interval in feet: 3.0-15.0)**											
05/27/97	8.52	3.42	0.00	5.10	--	310	--	0.88	0.67	15	70	ND	--	
06/01/97	8.52	3.46	0.00	5.06	-0.04	--	--	--	--	--	--	--	--	
07/15/97	8.52	3.49	0.00	5.03	-0.03	ND	--	ND	ND	2.7	3.8	ND	--	
10/09/97	8.52	3.73	0.00	4.79	-0.24	590	--	1.4	ND	32	4.1	ND	--	
01/14/98	8.52	1.92	0.00	6.60	1.81	ND	--	ND	ND	ND	ND	ND	--	
04/01/98	8.52	2.38	0.00	6.14	-0.46	ND	--	ND	ND	ND	ND	4.7	--	
07/15/98	8.52	3.53	0.00	4.99	-1.15	ND	--	ND	ND	0.56	1.1	ND	--	
10/16/98	8.52	3.04	0.00	5.48	0.49	ND	--	ND	ND	ND	ND	ND	--	
01/25/99	8.52	2.92	0.00	5.60	0.12	ND	--	ND	ND	ND	ND	ND	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
04/15/99	8.52	2.40	0.00	6.12	0.52	ND	--	ND	ND	ND	ND	ND	--	
07/14/99	8.52	3.03	0.00	5.49	-0.63	ND	--	ND	ND	ND	ND	ND	--	
10/21/99	8.52	3.11	0.00	5.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	
01/20/00	8.52	3.06	0.00	5.46	0.05	ND	--	ND	ND	ND	ND	ND	--	
04/13/00	8.52	2.84	0.00	5.68	0.22	ND	--	ND	ND	ND	ND	ND	--	
07/14/00	8.52	3.39	0.00	5.13	-0.55	ND	--	ND	ND	ND	ND	ND	--	
07/17/01	8.52	3.46	0.00	5.06	-0.07	ND	--	ND	ND	ND	ND	ND	--	
10/01/01	8.52	3.51	0.00	5.01	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/31/02	8.52	2.75	0.00	5.77	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/18/02	8.52	2.98	0.00	5.54	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/28/02	8.52	2.41	0.00	6.11	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/09/02	8.52	2.09	0.00	6.43	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/02/03	8.52	1.98	0.00	6.54	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/01/03	8.52	2.66	0.00	5.86	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/01/03	8.52	3.08	0.00	5.44	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/02/03	8.52	3.89	0.00	4.63	-0.81	--	540	3.9	15	29	80	--	ND<2.0	
01/09/04	8.52	2.38	0.00	6.14	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/26/04	8.52	2.89	0.00	5.63	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/22/04	8.52	3.25	0.00	5.27	-0.36	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/04	8.52	3.06	0.00	5.46	0.19	--	ND<50	ND<0.50	ND<0.50	0.82	2.5	--	ND<0.50	
01/10/05	8.52	1.92	0.00	6.60	1.14	--	58	ND<0.50	0.61	1.2	4.0	--	ND<0.50	
06/15/05	8.52	2.22	0.00	6.30	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	8.52	2.43	0.00	6.09	-0.21	--	ND<50	ND<0.50	ND<0.50	1.2	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
12/13/05	8.52	2.89	0.00	5.63	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/23/06	8.52	2.12	0.00	6.40	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/06	8.52	2.65	0.00	5.87	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/26/06	8.52	2.75	0.00	5.77	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.52	2.58	0.00	5.94	0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/30/07	8.52	2.74	0.00	5.78	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/28/07	8.52	2.90	0.00	5.62	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/25/07	8.52	3.26	0.00	5.26	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/28/07	8.52	2.64	0.00	5.88	0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/22/08	8.52	2.31	0.00	6.21	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/08	8.52	3.13	0.00	5.39	-0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/19/08	8.52	3.72	0.00	4.80	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/31/08	8.52	2.98	0.00	5.54	0.74	--	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)**											
02/21/95	8.29	1.98	0.00	6.31	--	70	--	ND	ND	ND	ND	--	--	
05/18/95	8.29	3.47	0.00	4.82	-1.49	52	--	ND	1.1	ND	1.9	--	--	
08/17/95	8.29	1.49	0.00	6.80	1.98	ND	--	ND	ND	ND	ND	--	--	
07/26/96	8.29	0.28	0.00	8.01	1.21	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	8.29	1.15	0.00	7.14	-0.87	ND	--	ND	ND	ND	ND	7.6	--	
01/29/97	8.29	1.05	0.00	7.24	0.10	ND	--	ND	ND	ND	ND	5.4	--	
04/15/97	8.29	1.88	0.00	6.41	-0.83	ND	--	ND	ND	ND	ND	5.4	--	
05/27/97	8.29	1.05	0.00	7.24	0.83	--	--	--	--	--	--	--	--	
07/15/97	8.29	1.90	0.00	6.39	-0.85	ND	--	ND	ND	ND	ND	ND	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1992 Through December 2008
76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
10/09/97	8.29	1.76	0.00	6.53	0.14	ND	--	ND	ND	ND	ND	ND	--	
01/14/98	8.29	1.26	0.00	7.03	0.50	ND	--	ND	ND	ND	ND	3.0	--	
04/01/98	8.29	0.85	0.00	7.44	0.41	ND	--	ND	ND	ND	ND	ND	--	
07/15/98	8.29	1.52	0.00	6.77	-0.67	ND	--	ND	ND	ND	ND	ND	--	
10/16/98	8.29	0.81	0.00	7.48	0.71	ND	--	ND	ND	ND	ND	ND	--	
01/25/99	8.29	0.92	0.00	7.37	-0.11	ND	--	ND	ND	ND	ND	ND	--	
04/15/99	8.29	0.90	0.00	7.39	0.02	75	--	21	ND	ND	1.1	680	--	
07/14/99	8.29	1.04	0.00	7.25	-0.14	ND	--	1.9	ND	ND	ND	260	--	
10/21/99	8.29	1.23	0.00	7.06	-0.19	ND	--	ND	ND	ND	ND	170	--	
01/20/00	8.29	1.18	0.00	7.11	0.05	ND	--	1.1	ND	ND	ND	35	--	
04/13/00	8.29	1.08	0.00	7.21	0.10	160	--	0.64	ND	ND	ND	53	--	
07/14/00	8.29	1.43	0.00	6.86	-0.35	ND	--	ND	ND	ND	ND	20.2	--	
10/26/00	8.29	1.38	0.00	6.91	0.05	240	--	2.9	ND	ND	ND	56	--	
01/03/01	8.29	1.66	0.00	6.63	-0.28	166	--	0.763	0.776	ND	1.28	50.2	--	
04/04/01	8.29	1.27	0.00	7.02	0.39	296	--	0.738	ND	ND	0.907	135	--	
07/17/01	8.29	1.38	0.00	6.91	-0.11	ND	--	ND	ND	ND	ND	13	--	
10/01/01	8.29	1.93	0.00	6.36	-0.55	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.0	--	
01/31/02	8.29	2.08	0.00	6.21	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.8	--	
04/18/02	8.29	1.76	0.00	6.53	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.1	--	
07/28/02	8.29	1.57	0.00	6.72	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.5	
10/09/02	8.29	1.45	0.00	6.84	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
01/02/03	8.29	1.18	0.00	7.11	0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.6	
04/01/03	8.29	2.04	0.00	6.25	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1992 Through December 2008
76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
07/01/03	8.29	2.80	0.00	5.49	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
10/02/03	8.29	2.70	0.00	5.59	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/09/04	8.29	1.90	0.00	6.39	0.80	--	74	ND<0.50	0.98	2.3	6.2	--	ND<2.0	
04/26/04	8.29	1.62	0.00	6.67	0.28	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
07/22/04	8.29	1.88	0.00	6.41	-0.26	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.78	
10/29/04	8.29	1.28	0.00	7.01	0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	ND<0.50	
01/10/05	8.29	0.07	0.00	8.22	1.21	--	93	0.60	2.3	2.4	9.0	--	ND<0.50	
06/15/05	8.29	1.70	0.00	6.59	-1.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.6	
09/27/05	8.29	1.98	0.00	6.31	-0.28	--	ND<50	ND<0.50	0.73	ND<0.50	ND<1.0	--	2.3	
12/13/05	8.29	2.26	0.00	6.03	-0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.9	
03/23/06	8.29	1.32	0.00	6.97	0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
06/23/06	8.29	1.98	0.00	6.31	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
09/26/06	8.29	2.52	0.00	5.77	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.29	1.98	0.00	6.31	0.54	--	ND<50	ND<0.50	0.57	1.8	4.6	--	1.6	
03/30/07	8.29	2.01	0.00	6.28	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.4	
06/28/07	8.29	1.90	0.00	6.39	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.9	
09/25/07	8.29	1.57	0.00	6.72	0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/28/07	8.29	1.98	0.00	6.31	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/22/08	8.29	0.80	0.00	7.49	1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.61	
06/23/08	8.29	1.80	0.00	6.49	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/19/08	8.29	2.43	0.00	5.86	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
12/31/08	8.29	2.66	0.00	5.63	-0.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10			**(Screen Interval in feet: 3.0-13.0)**											

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
02/21/95	8.62	4.69	0.00	3.93	--	1500	--	250	26	9.1	160	--	--	
05/18/95	8.62	4.92	0.00	3.70	-0.23	810	--	520	ND	18	23	--	--	
08/17/95	8.62	4.05	0.00	4.57	0.87	67	--	25	ND	2.4	ND	--	--	
07/26/96	8.62	4.08	0.00	4.54	-0.03	ND	--	3.7	ND	ND	ND	ND	--	
10/28/96	8.62	4.09	0.00	4.53	-0.01	ND	--	1.1	ND	ND	ND	ND	--	
01/29/97	8.62	2.94	0.00	5.68	1.15	210	--	41	0.67	7.2	4.8	11	--	
04/15/97	8.62	4.07	0.00	4.55	-1.13	110	--	12	ND	0.77	ND	9.7	--	
05/27/97	8.62	4.40	0.00	4.22	-0.33	--	--	--	--	--	--	--	--	
07/15/97	8.62	4.19	0.00	4.43	0.21	ND	--	2.1	ND	0.67	0.73	ND	--	
10/09/97	8.62	4.75	0.00	3.87	-0.56	190	--	38	0.92	6.6	7.6	ND	--	
01/14/98	8.62	2.66	0.00	5.96	2.09	59	--	9.5	0.85	1.2	1.7	4.5	--	
04/01/98	8.62	3.45	0.00	5.17	-0.79	230	--	66	1.7	12	17	6.4	--	
07/15/98	8.62	4.21	0.00	4.41	-0.76	290	--	98	45	21	38	21	--	
10/16/98	8.62	4.11	0.00	4.51	0.10	160	--	44	0.96	2.5	10	17	--	
01/25/99	8.62	3.26	0.00	5.36	0.85	140	--	27	ND	2.8	6.8	23	--	
04/15/99	8.62	3.63	0.00	4.99	-0.37	120	--	18	ND	1.8	5.1	14	--	
07/14/99	8.62	3.89	0.00	4.73	-0.26	280	--	55	3.2	11	31	6.1	--	
10/21/99	8.62	4.09	0.00	4.53	-0.20	140	--	22	0.59	1.7	7.7	5.3	--	
01/20/00	8.62	3.92	0.00	4.70	0.17	ND	--	0.73	0.86	ND	ND	5.2	--	
04/13/00	8.62	3.85	0.00	4.77	0.07	67	--	54	ND	2.6	ND	3.8	--	
07/14/00	8.62	4.18	0.00	4.44	-0.33	ND	--	0.547	ND	ND	ND	ND	--	
10/26/00	8.62	3.96	0.00	4.66	0.22	ND	--	3.3	ND	0.83	1.5	ND	--	
01/03/01	8.62	4.14	0.00	4.48	-0.18	52.7	--	5.15	ND	0.823	1.57	ND	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1992 Through December 2008
76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
04/04/01	8.62	3.88	0.00	4.74	0.26	129	--	28.1	1.67	4.97	10.1	ND	--	
07/17/01	8.62	4.08	0.00	4.54	-0.20	ND	--	4.1	ND	1.0	1.8	ND	--	
10/01/01	8.62	4.22	0.00	4.40	-0.14	140	--	30	0.51	4.0	12	ND<5.0	--	
01/31/02	8.62	3.68	0.00	4.94	0.54	110	--	16	ND<0.50	2.3	5.6	ND<2.5	--	
04/18/02	8.62	4.01	0.00	4.61	-0.33	ND<50	--	11	ND<0.50	1.4	4.5	ND<2.5	--	
07/28/02	8.62	4.11	0.00	4.51	-0.10	--	67	15	ND<0.50	0.94	7.3	--	ND<2.0	
10/09/02	8.62	3.97	0.00	4.65	0.14	--	ND<50	0.67	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/02/03	8.62	3.03	0.00	5.59	0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/01/03	8.62	3.83	0.00	4.79	-0.80	--	ND<50	11	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/01/03	8.62	4.13	0.00	4.49	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/02/03	8.62	4.05	0.00	4.57	0.08	--	77	9.9	0.78	2.3	4.9	--	ND<2.0	
01/09/04	8.62	3.40	0.00	5.22	0.65	--	53	1.2	ND<0.50	0.70	1.6	--	ND<2.0	
04/26/04	8.62	3.89	0.00	4.73	-0.49	--	ND<50	2.8	1.3	1.0	2.9	--	ND<0.50	
07/22/04	8.62	3.73	0.00	4.89	0.16	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
10/29/04	8.62	3.41	0.00	5.21	0.32	--	100	2.0	1.2	1.1	3.6	--	ND<0.50	
01/10/05	8.62	2.68	0.00	5.94	0.73	--	84	7.8	2.7	2.2	8.9	--	ND<0.50	
06/15/05	8.62	4.63	0.00	3.99	-1.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/05	8.62	3.96	0.00	4.66	0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/13/05	8.62	3.75	0.00	4.87	0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/23/06	8.62	3.13	0.00	5.49	0.62	--	50	13	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/06	8.62	3.90	0.00	4.72	-0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/26/06	8.62	3.66	0.00	4.96	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	8.62	3.56	0.00	5.06	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.8	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 1992 Through December 2008

76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
03/30/07	8.62	3.93	0.00	4.69	-0.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/28/07	8.62	4.03	0.00	4.59	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/25/07	8.62	3.91	0.00	4.71	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/28/07	8.62	3.64	0.00	4.98	0.27	--	ND<50	2.1	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/22/08	8.62	4.00	0.00	4.62	-0.36	--	64	13	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/23/08	8.62	3.90	0.00	4.72	0.10	--	94	30	0.53	3.4	3.5	--	ND<0.50	
09/19/08	8.62	3.85	0.00	4.77	0.05	--	130	15	1.7	5.7	11	--	ND<0.50	
12/31/08	8.62	3.69	0.00	4.93	0.16	--	82	11	ND<0.50	0.81	1.7	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-1									
02/18/92	13000	--	--	--	--	--	--	--	--
08/31/92	8900	--	--	--	--	--	--	--	--
MW-2									
02/18/92	4300	--	--	--	--	--	--	--	--
05/20/92	4300	--	--	--	--	--	--	--	--
08/31/92	1600	--	--	--	--	--	--	--	--
11/30/92	5700	--	--	--	--	--	--	--	--
02/04/93	6100	--	--	--	--	--	--	--	--
05/04/93	7100	--	--	--	--	--	--	--	--
08/04/93	1800	--	--	--	--	--	--	--	--
11/03/93	2600	--	--	--	--	--	--	--	--
05/19/94	3000	--	--	--	--	--	--	--	--
08/15/94	2800	--	--	--	--	--	--	--	--
11/14/94	10000	--	--	--	--	--	--	--	--
02/21/95	2000	--	--	--	--	--	--	--	--
MW-3									
02/18/92	ND	--	--	--	--	--	--	--	--
08/31/92	92	--	--	--	--	--	--	--	--
11/30/92	94	--	--	--	--	--	--	--	--
02/04/93	550	--	--	--	--	--	--	--	--
05/04/93	250	--	--	--	--	--	--	--	--
08/04/93	100	--	--	--	--	--	--	--	--
11/03/93	160	--	--	--	--	--	--	--	--
02/07/94	620	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-3 continued									
05/19/94	480	--	--	--	--	--	--	--	--
08/15/94	110	--	--	--	--	--	--	--	--
11/14/94	150	--	--	--	--	--	--	--	--
02/21/95	850	--	--	--	--	--	--	--	--
05/18/95	150	--	--	--	--	--	--	--	--
06/01/97	610	--	--	--	--	--	--	--	--
07/15/97	240	--	--	--	--	--	--	--	--
10/09/97	500	--	--	--	--	--	--	--	--
01/14/98	340	--	--	--	--	--	--	--	--
04/01/98	320	--	--	--	--	--	--	--	--
07/15/98	510	--	--	--	--	--	--	--	--
10/16/98	67	--	--	--	--	--	--	--	--
01/25/99	120	--	--	--	--	--	--	--	--
04/15/99	170	--	--	--	--	--	--	--	--
07/14/99	420	--	--	--	--	--	--	--	--
10/21/99	350	--	--	--	--	--	--	--	--
01/20/00	2060	--	--	--	--	--	--	--	--
04/13/00	200	ND	ND	ND	ND	ND	ND	ND	--
07/14/00	423	--	--	--	--	--	--	--	--
10/26/00	330	--	--	--	--	--	--	--	--
01/03/01	287	--	--	--	--	--	--	--	--
04/04/01	360	--	--	--	--	--	--	--	--
07/17/01	270	--	--	--	--	--	--	--	--
10/01/01	270	--	--	--	--	--	--	--	--
01/31/02	250	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-3 continued									
04/18/02	320	--	--	--	--	--	--	--	--
07/28/02	310	--	--	--	--	--	--	--	--
10/09/02	700	--	--	--	--	--	--	--	--
01/02/03	210	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--
04/01/03	200	--	--	--	--	--	--	--	--
07/01/03	380	--	ND<2500	--	--	--	--	--	--
10/02/03	300	--	ND<2500	--	--	--	--	--	--
01/09/04	200	--	ND<500	--	--	--	--	--	--
04/26/04	160	--	ND<50	--	--	--	--	--	--
07/22/04	330	--	ND<1000	--	--	--	--	--	--
10/29/04	200	--	ND<50	--	--	--	--	--	--
01/10/05	250	--	ND<50	--	--	--	--	--	--
06/15/05	360	--	ND<50	--	--	--	--	--	--
09/27/05	ND<200	79	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	230	--	ND<250	--	--	--	--	--	--
03/23/06	260	--	ND<250	--	--	--	--	--	--
06/23/06	330	--	ND<250	--	--	--	--	--	--
09/26/06	260	--	ND<250	--	--	--	--	--	--
12/22/06	250	--	ND<250	--	--	--	--	--	--
03/30/07	210	--	ND<250	--	--	--	--	--	--
06/28/07	290	--	ND<250	--	--	--	--	--	--
09/25/07	210	--	ND<250	--	--	--	--	--	--
12/28/07	150	--	ND<250	--	--	--	--	--	--
03/22/08	230	--	ND<250	--	--	--	--	--	--
06/23/08	130	--	ND<250	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-3 continued									
09/19/08	93	--	ND<250	--	--	--	--	--	--
12/31/08	110	--	ND<250	--	--	--	--	--	--
MW-4									
08/31/92	90	--	--	--	--	--	--	--	--
11/30/92	61	--	--	--	--	--	--	--	--
02/04/93	ND	--	--	--	--	--	--	--	--
05/04/93	ND	--	--	--	--	--	--	--	--
08/04/93	81	--	--	--	--	--	--	--	--
11/03/93	68	--	--	--	--	--	--	--	--
02/07/94	ND	--	--	--	--	--	--	--	--
05/19/94	90	--	--	--	--	--	--	--	--
08/15/94	72	--	--	--	--	--	--	--	--
11/14/94	ND	--	--	--	--	--	--	--	--
MW-5									
08/31/92	690	--	--	--	--	--	--	--	--
11/30/92	470	--	--	--	--	--	--	--	ND
02/04/93	5500	--	--	--	--	--	--	--	ND
05/04/93	4600	--	--	--	--	--	--	--	ND
08/04/93	970	--	--	--	--	--	--	--	ND
11/03/93	2100	--	--	--	--	--	--	--	--
02/07/94	830	--	--	--	--	--	--	--	--
05/19/94	600	--	--	--	--	--	--	--	--
08/15/94	860	--	--	--	--	--	--	--	--
11/14/94	290	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-6									
08/31/92	750	--	--	--	--	--	--	--	--
11/30/92	1400	--	--	--	--	--	--	--	--
02/04/93	890	--	--	--	--	--	--	--	--
05/04/93	1800	--	--	--	--	--	--	--	--
08/04/93	1100	--	--	--	--	--	--	--	--
11/03/93	390	--	--	--	--	--	--	--	--
02/07/94	970	--	--	--	--	--	--	--	--
05/19/94	1400	--	--	--	--	--	--	--	--
08/15/94	790	--	--	--	--	--	--	--	--
11/14/94	800	--	--	--	--	--	--	--	--
02/21/95	730	--	--	--	--	--	--	--	--
01/20/00	67600	--	--	--	--	--	--	--	--
04/13/00	8700	--	--	--	--	--	--	--	--
07/14/00	133000	--	--	--	--	--	--	--	--
10/26/00	61000	--	--	--	--	--	--	--	--
01/03/01	929	--	--	--	--	--	--	--	--
04/04/01	18000	ND	ND	ND	ND	ND	ND	ND	--
07/17/01	20000	--	--	--	--	--	--	--	--
10/01/01	24000	--	--	--	--	--	--	--	--
01/31/02	11000	--	--	--	--	--	--	--	--
04/18/02	3500	--	--	--	--	--	--	--	--
07/28/02	27000	--	--	--	--	--	--	--	--
10/09/02	170000	--	--	--	--	--	--	--	--
01/02/03	66000	--	--	--	--	--	--	--	--
04/01/03	35000	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-6 continued									
07/01/03	11000	--	ND<25000	--	--	--	--	--	--
10/02/03	ND<50	--	ND<200000	--	--	--	--	--	--
01/09/04	20000	--	ND<50000	--	--	--	--	--	--
04/26/04	13000	--	ND<5000	--	--	--	--	--	--
07/22/04	33000	--	ND<300000	--	--	--	--	--	--
10/29/04	78000	--	ND<5000	--	--	--	--	--	--
01/10/05	12000	--	ND<5000	--	--	--	--	--	--
06/15/05	16000	--	ND<5000	--	--	--	--	--	--
09/27/05	2500	ND<10	ND<250	--	--	1.8	ND<0.50	ND<0.50	--
12/13/05	18000	--	ND<25000	--	--	--	--	--	--
03/23/06	73000	--	ND<25000	--	--	--	--	--	--
06/23/06	35000	--	ND<6200	--	--	--	--	--	--
09/26/06	22000	--	ND<25000	--	--	--	--	--	--
12/22/06	62000	--	ND<25000	--	--	--	--	--	--
03/30/07	62000	--	ND<5000	--	--	--	--	--	--
06/28/07	71000	--	ND<12000	--	--	--	--	--	--
09/25/07	58000	--	ND<12000	--	--	--	--	--	--
12/28/07	18000	--	ND<12000	--	--	--	--	--	--
03/22/08	68000	--	ND<12000	--	--	--	--	--	--
06/23/08	68000	--	ND<12000	--	--	--	--	--	--
09/19/08	180000	--	ND<6200	--	--	--	--	--	--
12/31/08	68000	--	ND<25000	--	--	--	--	--	--
MW-7									
06/01/97	69	--	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-7 continued									
10/09/97	190	--	--	--	--	--	--	--	--
01/14/98	65	--	--	--	--	--	--	--	--
04/01/98	ND	--	--	--	--	--	--	--	--
07/15/98	74	--	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--	--
07/14/99	69	--	--	--	--	--	--	--	--
10/21/99	ND	--	--	--	--	--	--	--	--
01/20/00	ND	--	--	--	--	--	--	--	--
04/13/00	ND	--	--	--	--	--	--	--	--
07/14/00	68.0	--	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--	--
10/01/01	ND<51	--	--	--	--	--	--	--	--
01/31/02	90	--	--	--	--	--	--	--	--
04/18/02	78	--	--	--	--	--	--	--	--
07/28/02	ND<50	--	--	--	--	--	--	--	--
10/09/02	ND<96	--	--	--	--	--	--	--	--
01/03/03	78	--	--	--	--	--	--	--	--
04/01/03	67	--	--	--	--	--	--	--	--
07/01/03	68	--	ND<500	--	--	--	--	--	--
10/02/03	82	--	ND<500	--	--	--	--	--	--
01/09/04	75	--	ND<500	--	--	--	--	--	--
04/26/04	ND<50	--	ND<50	--	--	--	--	--	--
07/22/04	ND<200	--	ND<1000	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-7 continued									
10/29/04	54	--	ND<50	--	--	--	--	--	--
01/10/05	ND<50	--	ND<50	--	--	--	--	--	--
06/15/05	ND<50	--	ND<50	--	--	--	--	--	--
09/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
03/23/06	ND<200	--	ND<250	--	--	--	--	--	--
06/23/06	ND<200	--	ND<250	--	--	--	--	--	--
09/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	630	--	ND<250	--	--	--	--	--	--
03/30/07	94	--	ND<250	--	--	--	--	--	--
06/28/07	ND<50	--	ND<250	--	--	--	--	--	--
09/25/07	ND<50	--	ND<250	--	--	--	--	--	--
12/28/07	75	--	ND<250	--	--	--	--	--	--
03/22/08	ND<50	--	ND<250	--	--	--	--	--	--
06/23/08	ND<50	--	ND<250	--	--	--	--	--	--
09/19/08	ND<50	--	ND<250	--	--	--	--	--	--
12/31/08	ND<50	--	ND<250	--	--	--	--	--	--
MW-8									
06/01/97	320	--	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--	--
10/09/97	390	--	--	--	--	--	--	--	--
01/14/98	230	--	--	--	--	--	--	--	--
04/01/98	510	--	--	--	--	--	--	--	--
07/15/98	140	--	--	--	--	--	--	--	--
10/16/98	170	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-8 continued									
01/25/99	ND	--	--	--	--	--	--	--	--
04/15/99	91	--	--	--	--	--	--	--	--
07/14/99	120	--	--	--	--	--	--	--	--
10/21/99	110	--	--	--	--	--	--	--	--
01/20/00	583	--	--	--	--	--	--	--	--
04/13/00	80	--	--	--	--	--	--	--	--
07/14/00	113	--	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--	--
10/01/01	ND<50	--	--	--	--	--	--	--	--
01/31/02	260	--	--	--	--	--	--	--	--
04/18/02	160	--	--	--	--	--	--	--	--
07/28/02	140	--	--	--	--	--	--	--	--
10/09/02	120	--	--	--	--	--	--	--	--
01/02/03	210	--	--	--	--	--	--	--	--
04/01/03	220	--	--	--	--	--	--	--	--
07/01/03	170	--	ND<500	--	--	--	--	--	--
10/02/03	350	--	ND<500	--	--	--	--	--	--
01/09/04	180	--	ND<500	--	--	--	--	--	--
04/26/04	100	--	ND<50	--	--	--	--	--	--
07/22/04	250	--	ND<1000	--	--	--	--	--	--
10/29/04	120	--	ND<50	--	--	--	--	--	--
01/10/05	140	--	ND<50	--	--	--	--	--	--
06/15/05	140	--	ND<50	--	--	--	--	--	--
09/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-8 continued									
03/23/06	ND<200	--	ND<250	--	--	--	--	--	--
06/23/06	ND<230	--	ND<250	--	--	--	--	--	--
09/26/06	110	--	ND<250	--	--	--	--	--	--
12/22/06	100	--	ND<250	--	--	--	--	--	--
03/30/07	120	--	ND<250	--	--	--	--	--	--
06/28/07	140	--	ND<250	--	--	--	--	--	--
09/25/07	110	--	ND<250	--	--	--	--	--	--
12/28/07	110	--	ND<250	--	--	--	--	--	--
03/22/08	ND<50	--	ND<250	--	--	--	--	--	--
06/23/08	ND<58	--	ND<250	--	--	--	--	--	--
09/19/08	79	--	ND<250	--	--	--	--	--	--
12/31/08	110	--	ND<250	--	--	--	--	--	--
MW-9									
02/21/95	71	--	--	--	--	--	--	--	--
05/18/95	ND	--	--	--	--	--	--	--	--
08/17/95	ND	--	--	--	--	--	--	--	--
07/26/96	98	--	--	--	--	--	--	--	--
10/28/96	99	--	--	--	--	--	--	--	--
01/29/97	54	--	--	--	--	--	--	--	--
04/15/97	94	--	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--	--
10/09/97	160	--	--	--	--	--	--	--	--
01/14/98	110	--	--	--	--	--	--	--	--
04/01/98	110	--	--	--	--	--	--	--	--
07/15/98	200	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-9 continued									
10/16/98	ND	--	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--	--
07/14/99	140	--	--	--	--	--	--	--	--
10/21/99	210	--	--	--	--	--	--	--	--
01/20/00	519	--	--	--	--	--	--	--	--
04/13/00	81	--	--	--	--	--	--	--	--
07/14/00	107	--	--	--	--	--	--	--	--
10/26/00	240	--	--	--	--	--	--	--	--
01/03/01	164	--	--	--	--	--	--	--	--
04/04/01	240	--	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--	--
10/01/01	ND<52	--	--	--	--	--	--	--	--
01/31/02	200	--	--	--	--	--	--	--	--
04/18/02	ND<50	--	--	--	--	--	--	--	--
07/28/02	ND<50	--	--	--	--	--	--	--	--
10/09/02	100	--	--	--	--	--	--	--	--
01/02/03	ND<50	--	--	--	--	--	--	--	--
04/01/03	56	--	--	--	--	--	--	--	--
07/01/03	ND<50	--	ND<500	--	--	--	--	--	--
10/02/03	ND<50	--	ND<500	--	--	--	--	--	--
01/09/04	91	--	ND<500	--	--	--	--	--	--
04/26/04	ND<50	--	ND<50	--	--	--	--	--	--
07/22/04	ND<200	--	ND<1000	--	--	--	--	--	--
10/29/04	76	--	ND<50	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-9 continued									
01/10/05	77	--	ND<50	--	--	--	--	--	--
06/15/05	67	--	ND<50	--	--	--	--	--	--
09/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
03/23/06	ND<200	--	ND<250	--	--	--	--	--	--
06/23/06	ND<200	--	ND<250	--	--	--	--	--	--
09/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	150	--	ND<250	--	--	--	--	--	--
03/30/07	72	--	ND<250	--	--	--	--	--	--
06/28/07	1000	--	ND<250	--	--	--	--	--	--
09/25/07	100	--	ND<250	--	--	--	--	--	--
12/28/07	56	--	ND<250	--	--	--	--	--	--
03/22/08	ND<50	--	ND<250	--	--	--	--	--	--
06/23/08	ND<50	--	ND<250	--	--	--	--	--	--
09/19/08	56	--	ND<250	--	--	--	--	--	--
12/31/08	ND<50	--	ND<250	--	--	--	--	--	--
MW-10									
02/21/95	270	--	--	--	--	--	--	--	--
05/18/95	75	--	--	--	--	--	--	--	--
08/17/95	ND	--	--	--	--	--	--	--	--
07/26/96	ND	--	--	--	--	--	--	--	--
10/28/96	ND	--	--	--	--	--	--	--	--
01/29/97	ND	--	--	--	--	--	--	--	--
04/15/97	ND	--	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--	--

TRC

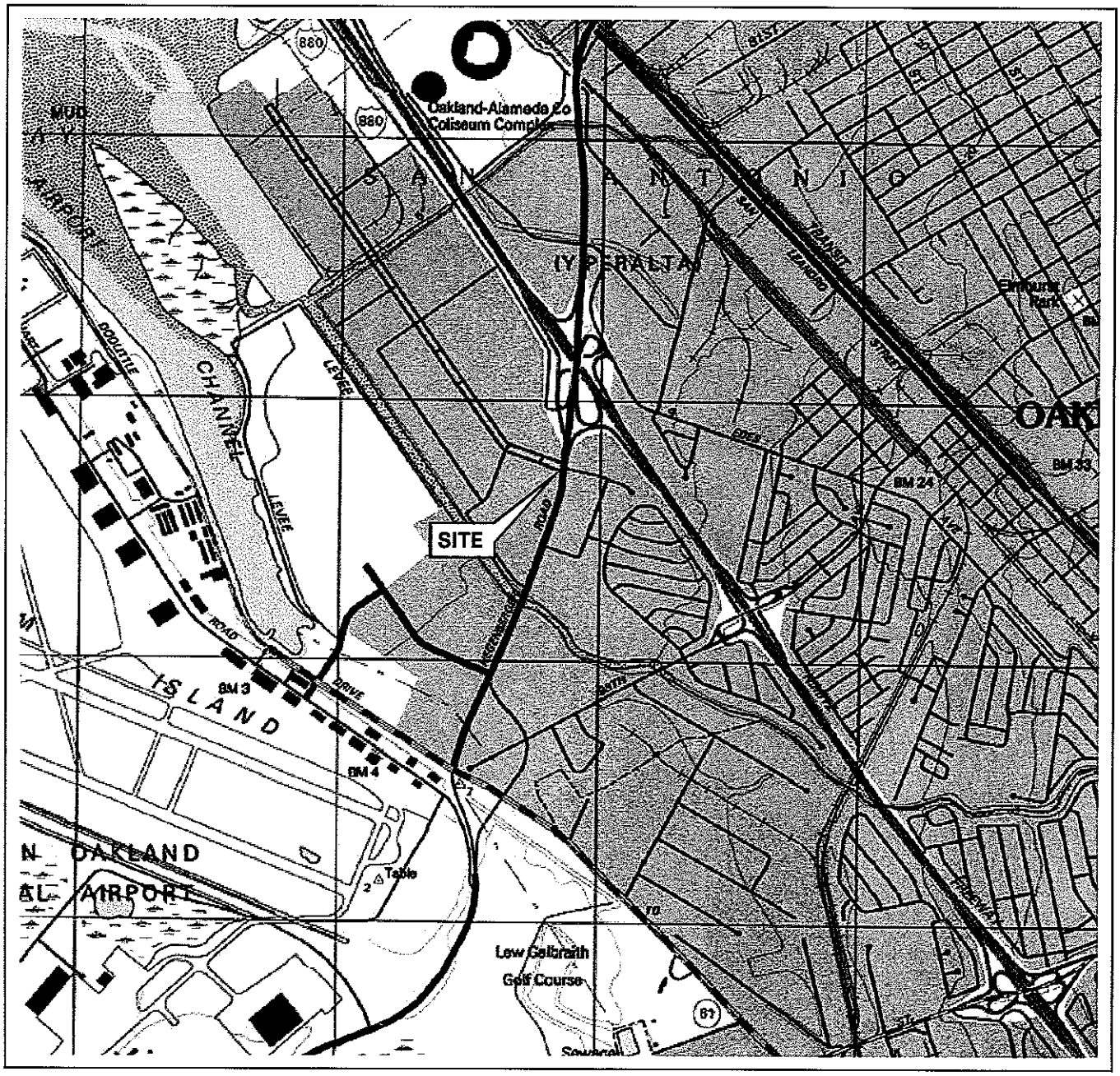
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-10 continued									
10/09/97	ND	--	--	--	--	--	--	--	--
04/01/98	62	--	--	--	--	--	--	--	--
07/15/98	78	--	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--	--
07/14/99	180	--	--	--	--	--	--	--	--
10/21/99	96	--	--	--	--	--	--	--	--
01/20/00	252	--	--	--	--	--	--	--	--
04/13/00	69	--	--	--	--	--	--	--	--
07/14/00	149	--	--	--	--	--	--	--	--
10/26/00	83	--	--	--	--	--	--	--	--
01/03/01	126	--	--	--	--	--	--	--	--
04/04/01	75	--	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--	--
10/01/01	100	--	--	--	--	--	--	--	--
01/31/02	170	--	--	--	--	--	--	--	--
04/18/02	130	--	--	--	--	--	--	--	--
07/28/02	58	--	--	--	--	--	--	--	--
10/09/02	ND<94	--	--	--	--	--	--	--	--
01/02/03	64	--	--	--	--	--	--	--	--
04/01/03	76	--	--	--	--	--	--	--	--
07/01/03	87	--	ND<500	--	--	--	--	--	--
10/02/03	160	--	ND<500	--	--	--	--	--	--
01/09/04	74	--	ND<500	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5043

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)
MW-10 continued									
04/26/04	ND<50	--	ND<50	--	--	--	--	--	--
07/22/04	ND<200	--	ND<1000	--	--	--	--	--	--
10/29/04	ND<50	--	ND<50	--	--	--	--	--	--
01/10/05	94	--	ND<50	--	--	--	--	--	--
06/15/05	62	--	ND<50	--	--	--	--	--	--
09/27/05	ND<200	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/13/05	ND<200	--	ND<250	--	--	--	--	--	--
03/23/06	ND<200	--	ND<250	--	--	--	--	--	--
06/23/06	ND<200	--	ND<250	--	--	--	--	--	--
09/26/06	ND<50	--	ND<250	--	--	--	--	--	--
12/22/06	81	--	ND<250	--	--	--	--	--	--
03/30/07	82	--	ND<250	--	--	--	--	--	--
06/28/07	57	--	ND<250	--	--	--	--	--	--
09/25/07	82	--	ND<250	--	--	--	--	--	--
12/28/07	62	--	ND<250	--	--	--	--	--	--
03/22/08	ND<50	--	ND<250	--	--	--	--	--	--
06/23/08	ND<50	--	ND<250	--	--	--	--	--	--
09/19/08	ND<50	--	ND<250	--	--	--	--	--	--
12/31/08	ND<50	--	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 Map:
San Leandro Quadrangle

TRC

PROJECT: 154771

FACILITY:

76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

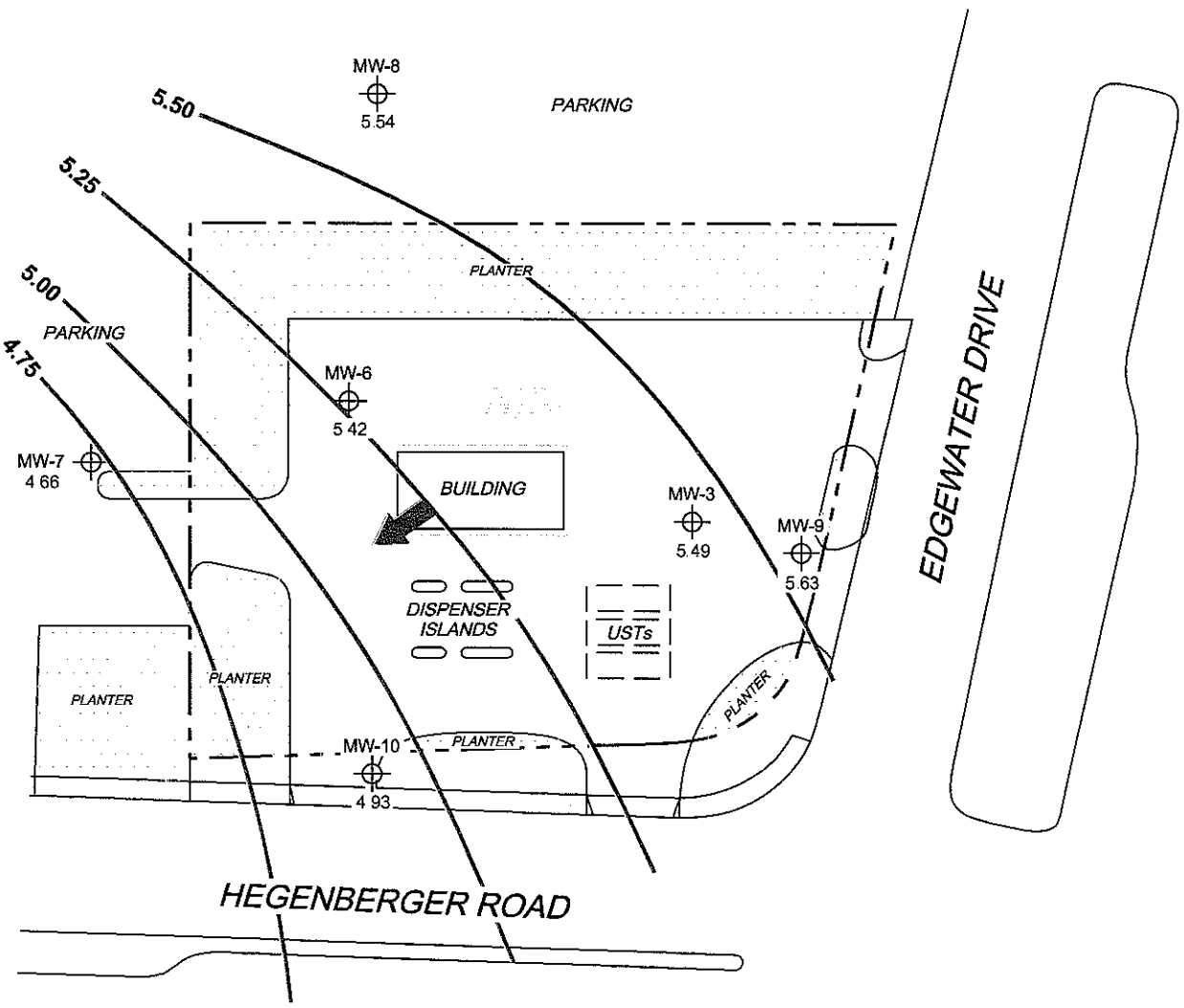
PS=1:1 L:\QMS VICINITY MAPS\5043vm.DWG Oct 14, 2008 - 10:22am aakers

LEGEND

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

5.50 —— Groundwater Elevation Contour

General Direction of Groundwater Flow



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells.
Elevations are in feet above mean sea level UST = underground storage tank.

SCALE (FEET)

0 60

TRC

PROJECT: 154771

FACILITY:

76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
December 31, 2008

FIGURE 2

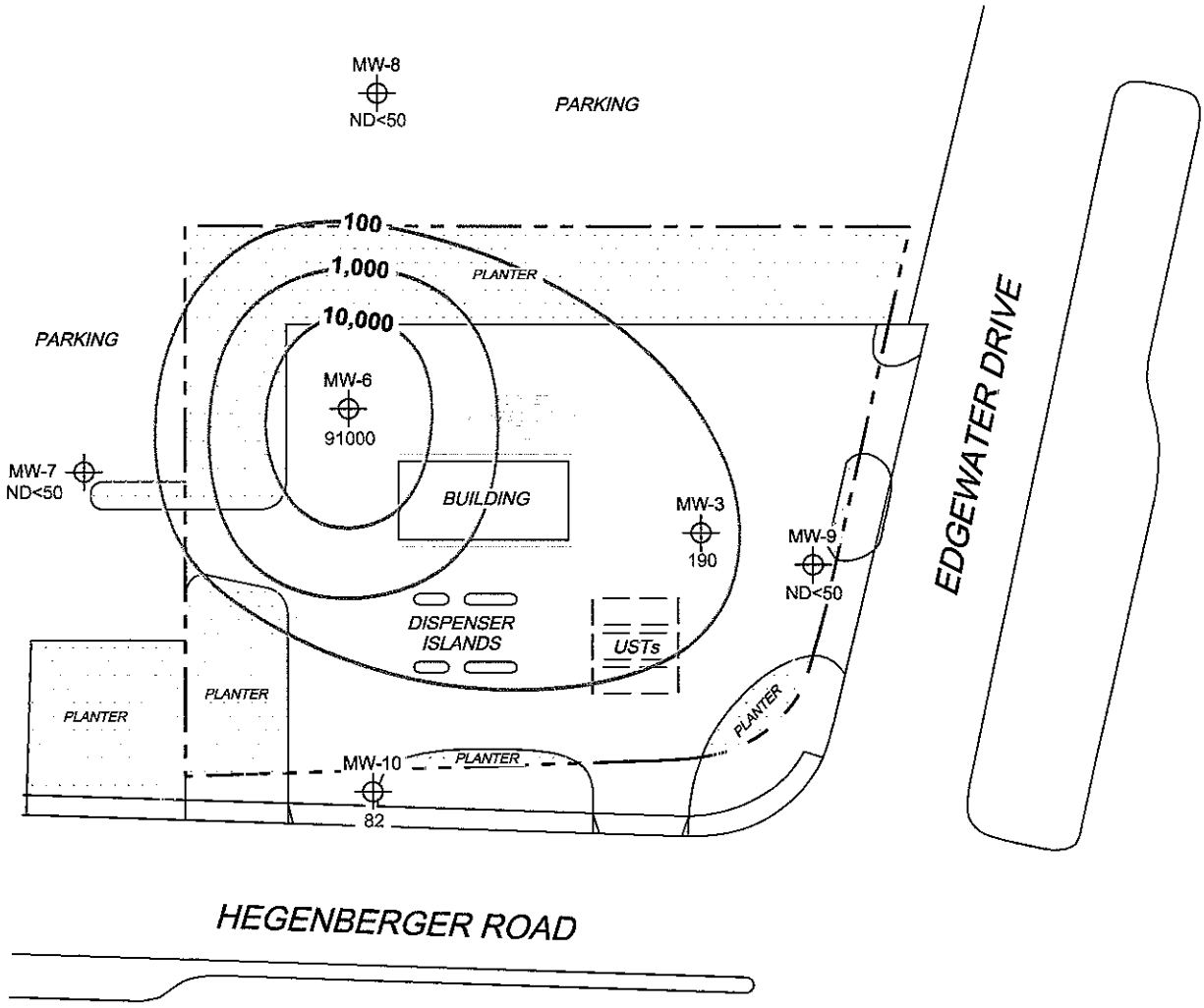
MS=1:60 5043-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5043+\5043QMS(NEW).DWG Jan 16, 2009 - 12:42pm aakers

LEGEND

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

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

N



NOTES:

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

SCALE (FEET)

0 60

TRC

PROJECT: 154771

FACILITY:
76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
December 31, 2008

FIGURE 3

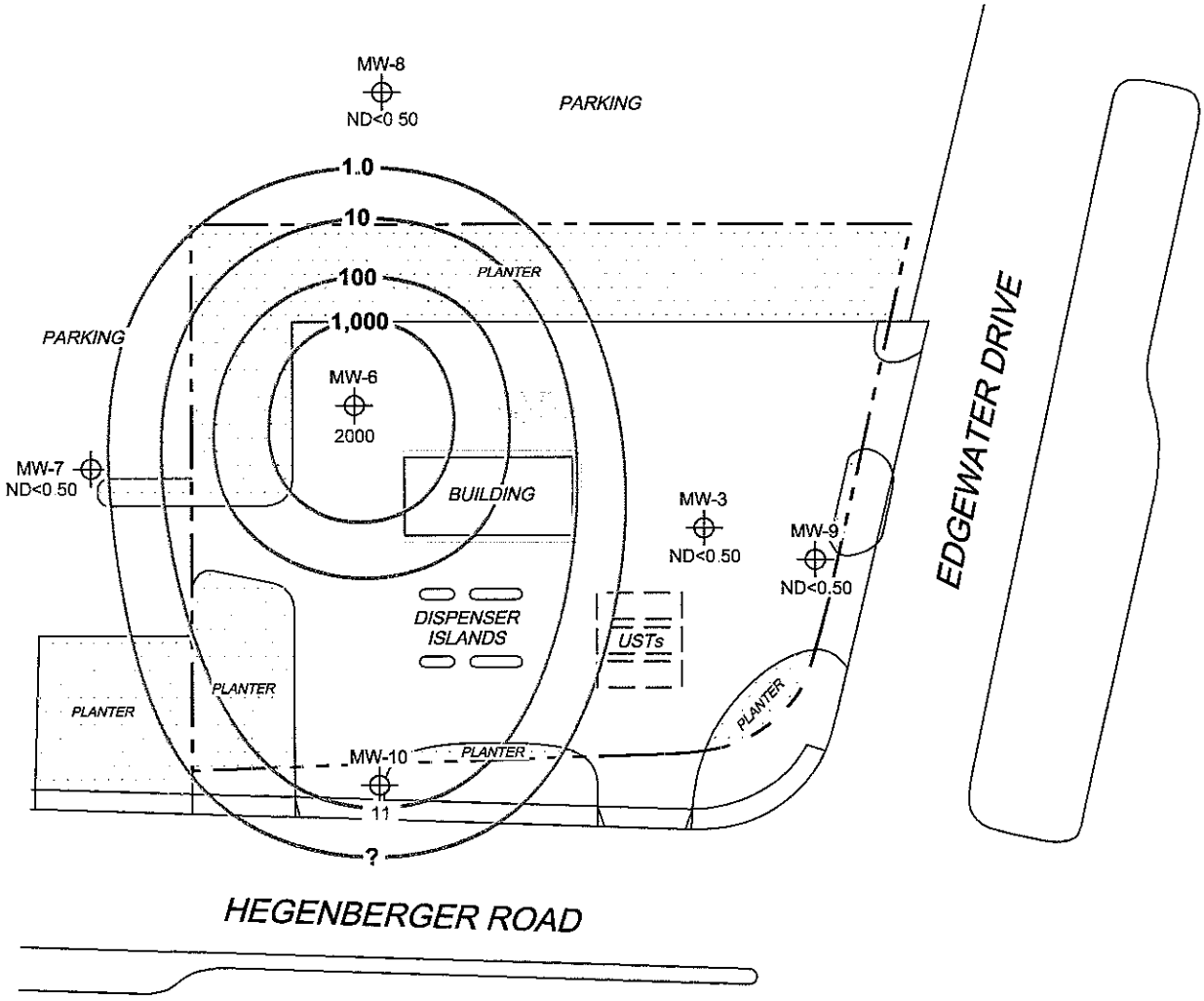
MS=1:60 5043-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5043+\5043QMS(NEW).DWG Jan 16, 2009 - 12:45pm aakers

LEGEND

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

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

N



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

SCALE (FEET)

0 60

TRC

PROJECT: 154771

FACILITY:
76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 31, 2008

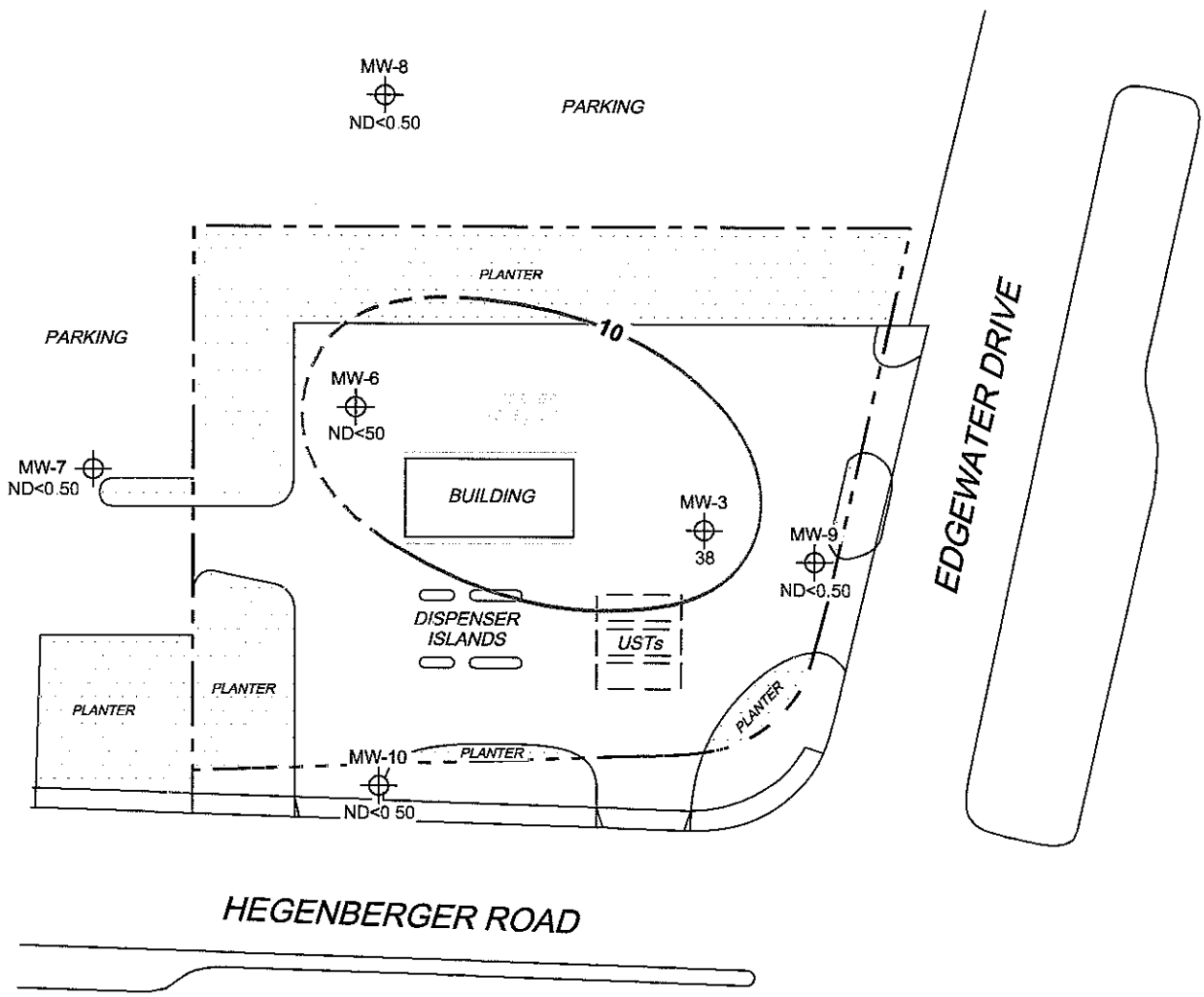
FIGURE 4

MS=1:60 5043-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5043+\5043QMS(NEW).DWG Jan 16, 2009 - 12:49pm aakers

LEGEND

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

—10— Dissolved-Phase MTBE Contour (µg/l)



NOTES:

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

SCALE (FEET)

0 60

TRC

PROJECT: 154771

FACILITY:
76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

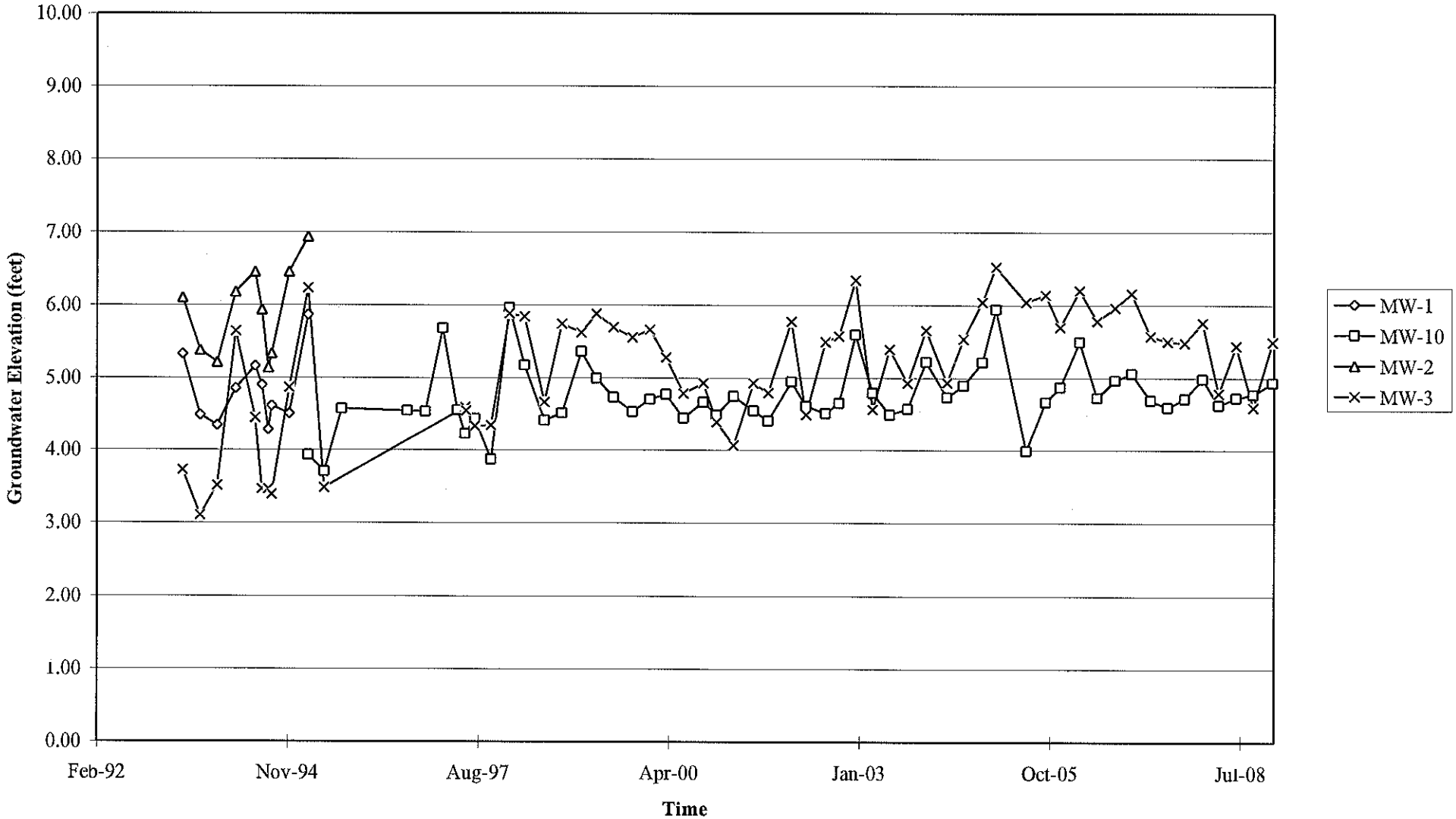
DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 31, 2008

FIGURE 5

MS=1:60 5043-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5043+\5043QMS(NEW).DWG Jan 16, 2009 - 12:50pm aakers

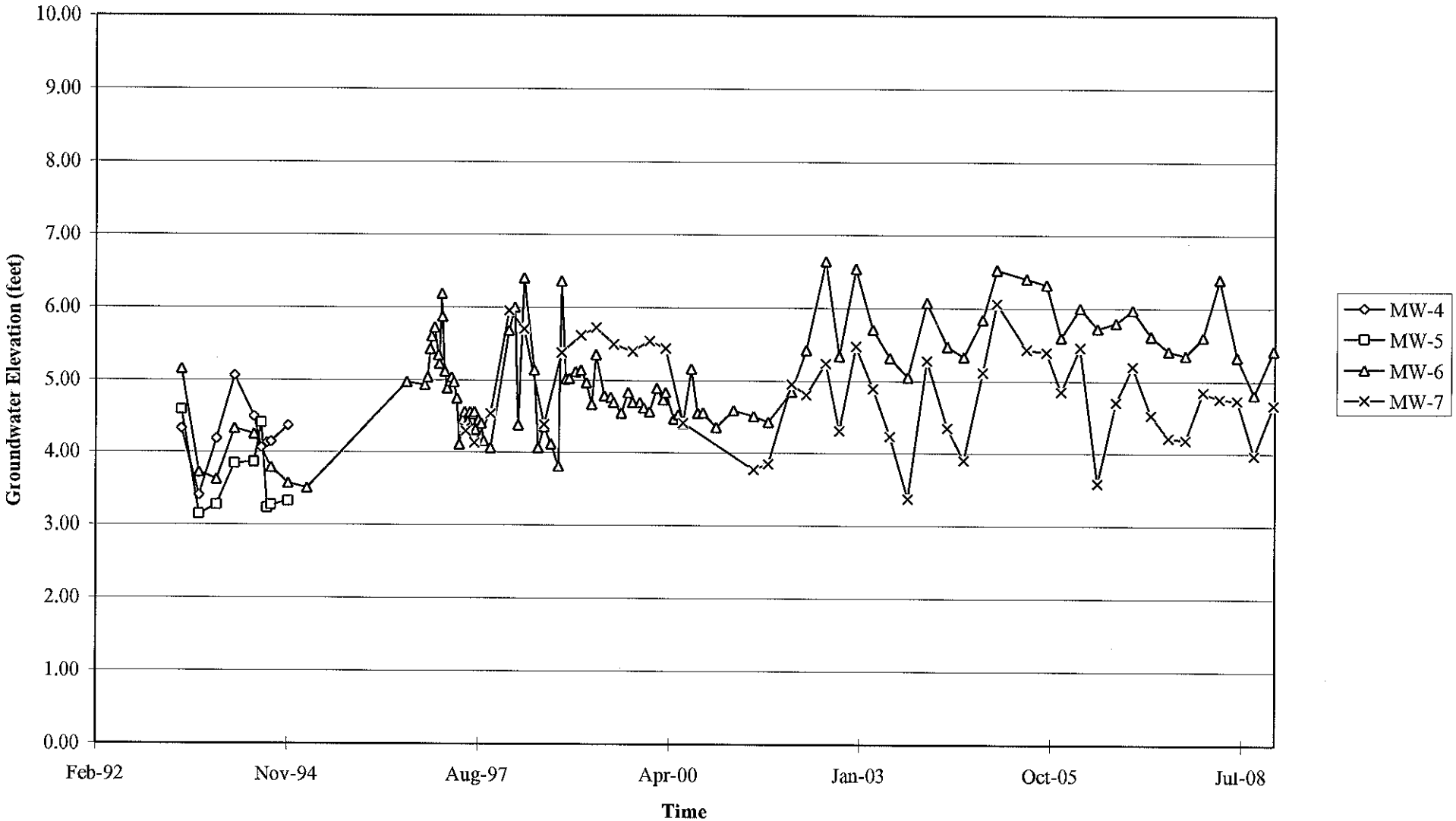
GRAPHS

Groundwater Elevations vs. Time
76 Station 5043



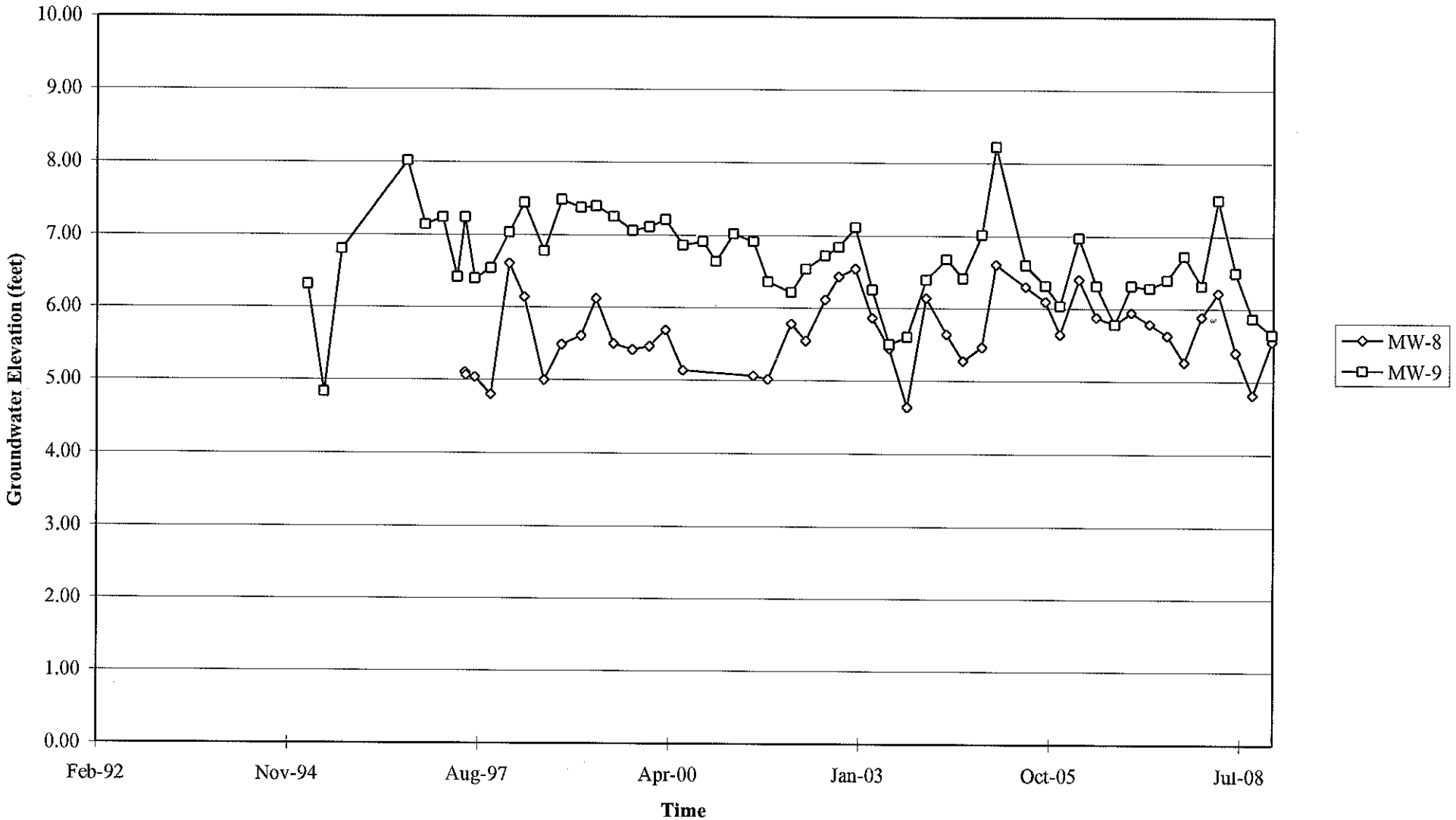
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 5043



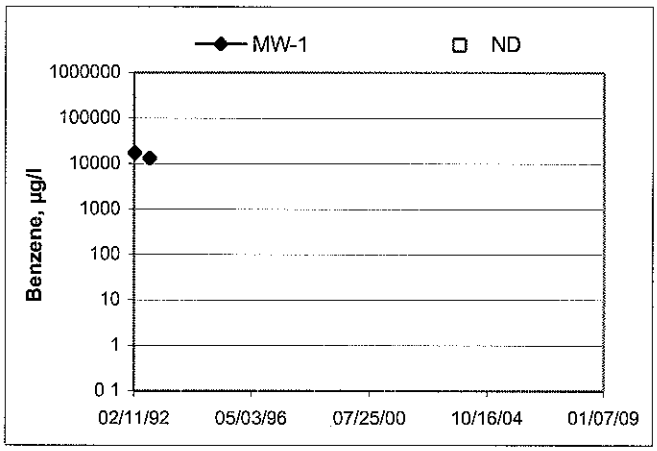
Elevations may have been corrected for apparent changes due to resurvey

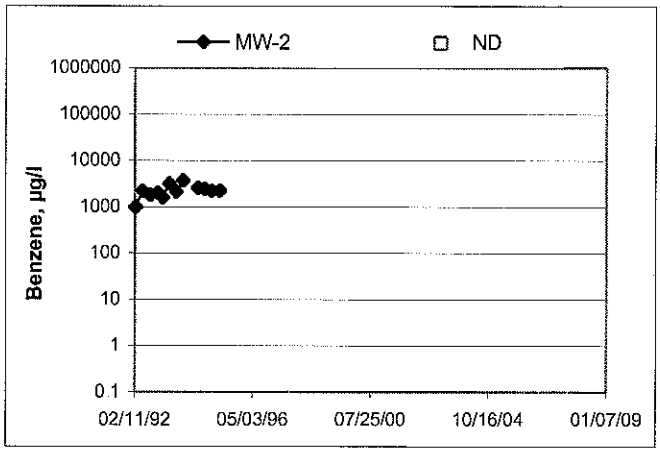
Groundwater Elevations vs. Time
76 Station 5043

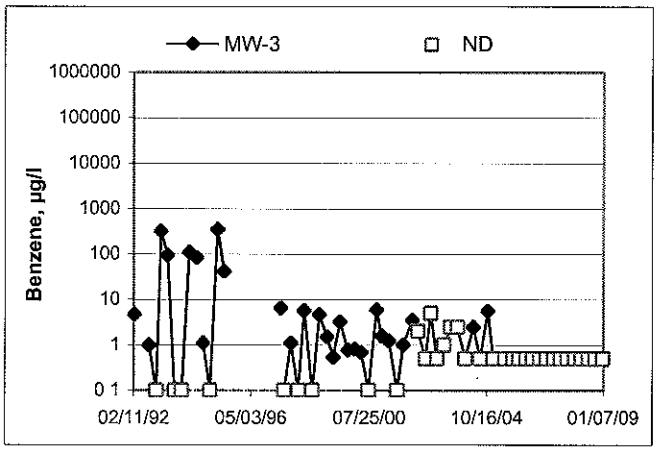


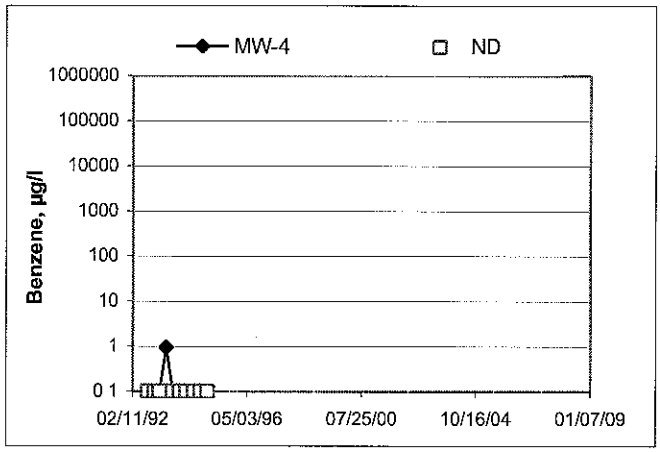
Elevations may have been corrected for apparent changes due to resurvey

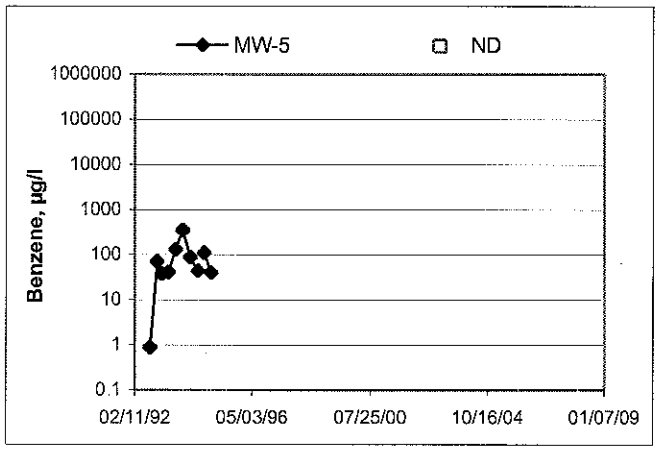
Benzene Concentrations vs Time
76 Station 5043

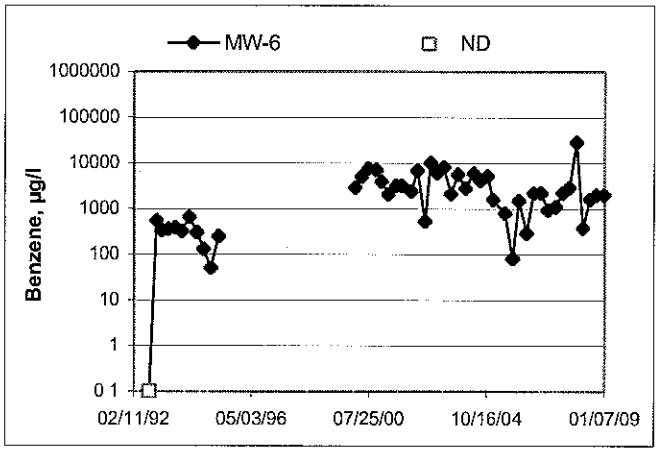


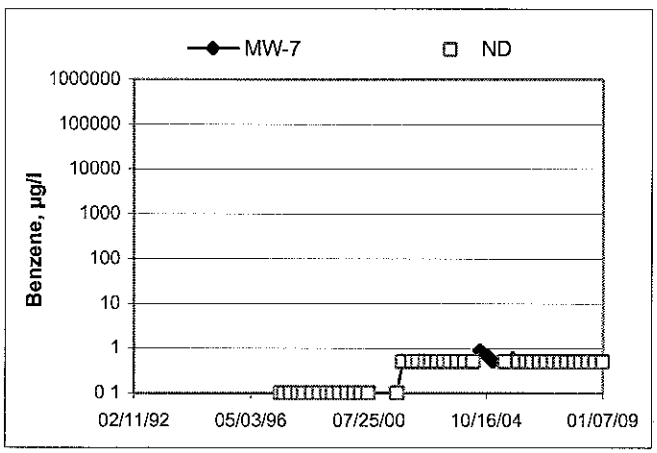


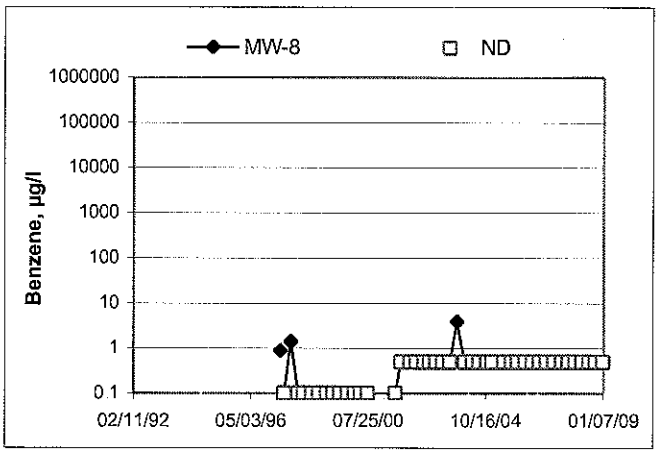




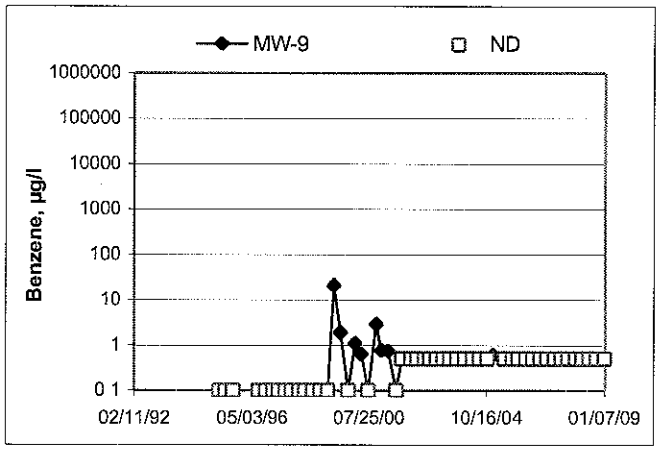


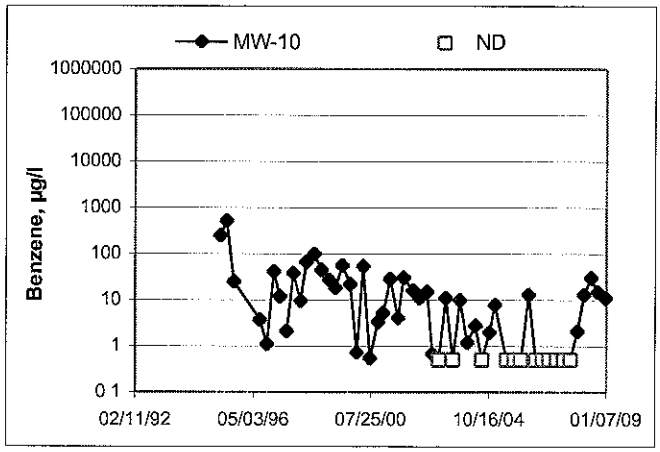






Benzene Concentrations vs Time
76 Station 5043





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 car e is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Ricky H Job #/Task #: 154771 / #120 Date: 12/31/08

Site # 5043 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
mw-8	X	0622	11.76	2.98	—	—	1055	2"
mw-7	X	0628	12.85	4.17	—	—	1000	2"
mw-9	X	0635	~~16~~ 12.68	2.66	—	—	0942	2"
mw-3	X	0642	11.01	2.55	—	—	0936	2"
mw-10	X	0648	12.70	3.69	—	—	0820	2"
mw-6	X	0654	12.71	~~5.38~~ 3.45	—	—	1040	2"

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL	

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ~~[illegible]~~ Ricky H

Site: 5043 Project No.: 154771 Date: 12/31/09

Well No. mw-8 Purge Method: H.B

Depth to Water (feet): 2.98 Depth to Product (feet): —

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

Water Column (feet): 11.78 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.34 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	D.O. (mg/L)	ORP	Turbidity
0905			2	10.10	13.9	5.75			
			4	10.76	~~15~~ 16.3	5.43			
	0913		6	~~10.07~~ 16.07	17.6	5.39			

Static at Time Sampled	Total Gallons Purged	Sample Time
3.12	6	1055

Comments:

Well No. mw-7 Purge Method: H.B

Depth to Water (feet): 4.17 Depth to Product (feet): —

Total Depth (feet) 12.85 LPH & Water Recovered (gallons): —

Water Column (feet): 8.64 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.91 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	D.O. (mg/L)	ORP	Turbidity
0845			2	672.6	16.2	6.54			
			4	1891	19.8	5.94			
	0852		6	3503	19.9	5.83			

Static at Time Sampled	Total Gallons Purged	Sample Time
4.22	6	1000

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 5043 Project No.: 154771 Date: 12/31/08

Well No. mw 9 Purge Method: H.B

Depth to Water (feet): 2.66 Depth to Product (feet): —

Total Depth (feet) 12.63 LPH & Water Recovered (gallons): —

Water Column (feet): 9.97 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.65 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0739			2	1114	16.3	6.16			
			4	2622	18.4	5.96			
	0748		6	~~4446~~ 4446	20.1	5.66			

Static at Time Sampled	Total Gallons Purged	Sample Time
3.99	6	0912

Comments:

Well No. mw 3 Purge Method: H.B

Depth to Water (feet): 2.55 Depth to Product (feet): —

Total Depth (feet) 14.01 LPH & Water Recovered (gallons): —

Water Column (feet): 11.46 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 4.84 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0725			2	2174	16.7	6.89			
			4	2489	18.9	6.37			
	0734		6	2392	19.8	6.22			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.32	6	0936

Comments: well did not recover in 2hrs.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H.

Site: 5043 Project No: 154771 Date: 12/31/08

Well No. mw. 10 Purge Method: H, B

Depth to Water (feet): 3.69 Depth to Product (feet): —

Total Depth (feet) 12.70 LPH & Water Recovered (gallons): —

Water Column (feet): 9.01 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.49 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O (mg/L)	ORP	Turbidity
0905			2	3747	15.2	6.78			
			4	3298	17.5	6.41			
	0913		6	2891	18.0	6.32			

Static at Time Sampled	Total Gallons Purged	Sample Time
3.78	6	0920

Comments:

Well No. mw. 6 Purge Method: H, B

Depth to Water (feet): 3.45 Depth to Product (feet): —

Total Depth (feet) 12.71 LPH & Water Recovered (gallons): —

Water Column (feet): 9.26 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.30 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O (mg/L)	ORP	Turbidity
0830			2	3219	14.9	6.44			
			4	3676	18.3	6.11			
	0837		6	4743	19.0	6.10			

Static at Time Sampled	Total Gallons Purged	Sample Time
6.88	6	1040

Comments: well did not recover in 2hrs.

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 01/14/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 5043
BC Work Order: 0900183
Invoice ID: B055796

Enclosed are the results of analyses for samples received by the laboratory on 1/5/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0900183-01	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 10:55	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-8
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0900183-02	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 10:00	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-7
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0900183-03	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 09:42	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-9
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0900183-04	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 09:36	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-3
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0900183-05	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 08:20	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-10
	Sampling Point:	MW-10	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0900183-06	**COC Number:**	---	**Receive Date:**	01/05/2009 21:45	Delivery Work Order:
	Project Number:	5043	**Sampling Date:**	12/31/2008 10:40	Global ID: T0600101476
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-6
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-01 | **Client Sample Name:** 5043, MW-8, 12/31/2008 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.3	%	76 - 114 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:35	KEA	MS-V12	1	BSA0384		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-01 | **Client Sample Name:** 5043, MW-8, 12/31/2008 10:55:00AM

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)	110	ug/L	50		Luft/TPHd	01/08/09	01/13/09 18:52	CKD	GC-5	0.960	BSA0563	ND	M02
Tetracosane (Surrogate)	97.2	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/13/09 18:52	CKD	GC-5	0.960	BSA0563		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-02 | **Client Sample Name:** 5043, MW-7, 12/31/2008 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	76 - 114 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244		
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:46	KEA	MS-V12	1	BSA0244		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-02 | **Client Sample Name:** 5043, MW-7, 12/31/2008 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	01/08/09	01/13/09 19:06	CKD	GC-5	0.990	BSA0563	ND	M02
Tetracosane (Surrogate)	98.0	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/13/09 19:06	CKD	GC-5	0.990	BSA0563		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-03 | **Client Sample Name:** 5043, MW-9, 12/31/2008 9:42:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.7	%	76 - 114 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244		
4-Bromofluorobenzene (Surrogate)	95.2	%	86 - 115 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 07:22	KEA	MS-V12	1	BSA0244		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-03 | **Client Sample Name:** 5043, MW-9, 12/31/2008 9:42:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	01/08/09	01/13/09 19:20	CKD	GC-5	1	BSA0563	ND	M02
Tetracosane (Surrogate)	104	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/13/09 19:20	CKD	GC-5	1	BSA0563		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-04 | **Client Sample Name:** 5043, MW-3, 12/31/2008 9:36:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Methyl t-butyl ether	38	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
Total Purgeable Petroleum Hydrocarbons	190	ug/L	50		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.4	%	76 - 114 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384		
Toluene-d8 (Surrogate)	98.3	%	88 - 110 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115 (LCL - UCL)		EPA-8260	01/09/09	01/10/09 13:12	KEA	MS-V12	1	BSA0384		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-04 | **Client Sample Name:** 5043, MW-3, 12/31/2008 9:36:00AM

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)	110	ug/L	50		Luft/TPHd	01/08/09	01/13/09 19:34	CKD	GC-5	1	BSA0563	ND	M02
Tetracosane (Surrogate)	95.0	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/13/09 19:34	CKD	GC-5	1	BSA0563		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-05 | **Client Sample Name:** 5043, MW-10, 12/31/2008 8:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	11	ug/L	0.50		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Ethylbenzene	0.81	ug/L	0.50		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Total Xylenes	1.7	ug/L	1.0		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
Total Purgeable Petroleum Hydrocarbons	82	ug/L	50		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244	ND	
1,2-Dichloroethane-d4 (Surrogate)	93.5	%	76 - 114 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244		
4-Bromofluorobenzene (Surrogate)	99.7	%	86 - 115 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 06:58	KEA	MS-V12	1	BSA0244		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-05 | **Client Sample Name:** 5043, MW-10, 12/31/2008 8:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	01/08/09	01/13/09 19:48	CKD	GC-5	1	BSA0563	ND	M02
Tetracosane (Surrogate)	86.9	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/13/09 19:48	CKD	GC-5	1	BSA0563		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0900183-06 | **Client Sample Name:** 5043, MW-6, 12/31/2008 10:40:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	2000	ug/L	50		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Ethylbenzene	5300	ug/L	50		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Methyl t-butyl ether	ND	ug/L	50		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Toluene	320	ug/L	50		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Total Xylenes	13000	ug/L	100		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Ethanol	ND	ug/L	25000		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244	ND	A01
Total Purgeable Petroleum Hydrocarbons	91000	ug/L	10000		EPA-8260	01/08/09	01/09/09 23:34	KEA	MS-V12	200	BSA0244	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	90.6	%	76 - 114 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 23:34	KEA	MS-V12	200	BSA0244		
1,2-Dichloroethane-d4 (Surrogate)	93.4	%	76 - 114 (LCL - UCL)		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 23:34	KEA	MS-V12	200	BSA0244		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	01/08/09	01/09/09 23:34	KEA	MS-V12	200	BSA0244		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	01/08/09	01/08/09 23:49	KEA	MS-V12	100	BSA0244		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 0900183-06 | **Client Sample Name:** 5043, MW-6, 12/31/2008 10:40:00AM

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)	68000	ug/L	5000		Luft/TPHd	01/08/09	01/14/09 02:53	CKD	GC-5	100	BSA0563	ND	A01,M02
Tetracosane (Surrogate)	0	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/09	01/14/09 02:53	CKD	GC-5	100	BSA0563		A01,A17

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BSA0244	Matrix Spike	0900188-01	0	24.290	25.000	ug/L		97.2		70 - 130	
		Matrix Spike Duplicate	0900188-01	0	24.900	25.000	ug/L	2.4	99.6	20	70 - 130	
Toluene	BSA0244	Matrix Spike	0900188-01	0	23.350	25.000	ug/L		93.4		70 - 130	
		Matrix Spike Duplicate	0900188-01	0	24.060	25.000	ug/L	3.0	96.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSA0244	Matrix Spike	0900188-01	ND	9.3600	10.000	ug/L		93.6		76 - 114	
		Matrix Spike Duplicate	0900188-01	ND	8.9500	10.000	ug/L		89.5		76 - 114	
Toluene-d8 (Surrogate)	BSA0244	Matrix Spike	0900188-01	ND	9.7500	10.000	ug/L		97.5		88 - 110	
		Matrix Spike Duplicate	0900188-01	ND	9.7900	10.000	ug/L		97.9		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSA0244	Matrix Spike	0900188-01	ND	10.410	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0900188-01	ND	10.510	10.000	ug/L		105		86 - 115	
Benzene	BSA0384	Matrix Spike	0900195-06	0	26.600	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0900195-06	0	28.000	25.000	ug/L	5.5	112	20	70 - 130	
Toluene	BSA0384	Matrix Spike	0900195-06	0	25.310	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0900195-06	0	25.780	25.000	ug/L	2.0	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSA0384	Matrix Spike	0900195-06	ND	9.8400	10.000	ug/L		98.4		76 - 114	
		Matrix Spike Duplicate	0900195-06	ND	10.200	10.000	ug/L		102		76 - 114	
Toluene-d8 (Surrogate)	BSA0384	Matrix Spike	0900195-06	ND	9.8700	10.000	ug/L		98.7		88 - 110	
		Matrix Spike Duplicate	0900195-06	ND	9.8000	10.000	ug/L		98.0		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSA0384	Matrix Spike	0900195-06	ND	10.430	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0900195-06	ND	10.550	10.000	ug/L		106		86 - 115	

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BSA0563	Matrix Spike	0712930-94	46.610	293.77	500.00	ug/L		49.4		36 - 130	
		Matrix Spike Duplicate	0712930-94	46.610	379.63	500.00	ug/L	29.7	66.6	30	36 - 130	
Tetracosane (Surrogate)	BSA0563	Matrix Spike	0712930-94	ND	16.545	20.000	ug/L		82.7		28 - 139	
		Matrix Spike Duplicate	0712930-94	ND	19.547	20.000	ug/L		97.7		28 - 139	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

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	BSA0244	BSA0244-BS1	LCS	27.460	25.000	0.50	ug/L	110		70 - 130		
Toluene	BSA0244	BSA0244-BS1	LCS	25.940	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSA0244	BSA0244-BS1	LCS	9.2700	10.000		ug/L	92.7		76 - 114		
Toluene-d8 (Surrogate)	BSA0244	BSA0244-BS1	LCS	9.9000	10.000		ug/L	99.0		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSA0244	BSA0244-BS1	LCS	10.200	10.000		ug/L	102		86 - 115		
Benzene	BSA0384	BSA0384-BS1	LCS	25.090	25.000	0.50	ug/L	100		70 - 130		
Toluene	BSA0384	BSA0384-BS1	LCS	24.010	25.000	0.50	ug/L	96.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSA0384	BSA0384-BS1	LCS	9.1400	10.000		ug/L	91.4		76 - 114		
Toluene-d8 (Surrogate)	BSA0384	BSA0384-BS1	LCS	9.9700	10.000		ug/L	99.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSA0384	BSA0384-BS1	LCS	10.330	10.000		ug/L	103		86 - 115		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Laboratory Control Sample

										Control Limits		
Constituent	**Batch ID**	**QC Sample ID**	**QC Type**	**Result**	**Spike Level**	**PQL**	**Units**	**Percent Recovery**	**RPD**	**Percent Recovery**	**RPD**	**Lab Quals**
Diesel Range Organics (C12 - C24)	BSA0563	BSA0563-BS1	LCS	387.75	500.00	50	ug/L	77.6		48 - 125		
Tetracosane (Surrogate)	BSA0563	BSA0563-BS1	LCS	20.262	20.000		ug/L	101		28 - 139		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5043
Project Number: 4509117985
Project Manager: Anju Farfan

Reported: 01/14/2009 14:26

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	BSA0244	BSA0244-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSA0244	BSA0244-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSA0244	BSA0244-BLK1	ND	ug/L	0.50		
Toluene	BSA0244	BSA0244-BLK1	ND	ug/L	0.50		
Total Xylenes	BSA0244	BSA0244-BLK1	ND	ug/L	1.0		
Ethanol	BSA0244	BSA0244-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSA0244	BSA0244-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSA0244	BSA0244-BLK1	92.6	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSA0244	BSA0244-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSA0244	BSA0244-BLK1	100	%	86 - 115 (LCL - UCL)		
Benzene	BSA0384	BSA0384-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSA0384	BSA0384-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSA0384	BSA0384-BLK1	ND	ug/L	0.50		
Toluene	BSA0384	BSA0384-BLK1	ND	ug/L	0.50		
Total Xylenes	BSA0384	BSA0384-BLK1	ND	ug/L	1.0		
Ethanol	BSA0384	BSA0384-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSA0384	BSA0384-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSA0384	BSA0384-BLK1	95.7	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSA0384	BSA0384-BLK1	99.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSA0384	BSA0384-BLK1	96.9	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5043 Project Number: 4509117985 Project Manager: Anju Farfan	**Reported:** 01/14/2009 14:26

Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BSA0563	BSA0563-BLK1	ND	ug/L	50		M02
Tetracosane (Surrogate)	BSA0563	BSA0563-BLK1	94.8	%	28 - 139 (LCL - UCL)		

TRC	Project: 5043	**Reported:** 01/14/2009 14:26
21 Technology Drive	Project Number: 4509117985	
Irvine, CA 92618	Project Manager: Anju Farfan	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A17	Surrogate not reportable due to sample dilution.
M02	Analyte detected in the Method Blank at a level between the PQL and 1/2 the PQL.

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 09-00185

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

Emissivity: .98 Container: Qt P Thermometer ID: TH163

Temperature: A 1.1 °C / C 1.2 °C

Date/Time 2246 01-05-08

Analyst Init MA

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										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A (3)	A (3)	A (3)	A (3)	A (3)	A (3)	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
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 AMBER	BC	BC	BC	BC	BC	BC				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: NW Date/Time: 1/7/09 1725

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-00183

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 449 Hegenberger RD	**21 Technology Drive** **Irvine, CA 92618-2302** **Attn: Anju Farfan**
City: Oakland	**4-digit site#:** 8043
	Workorder # 01347-4509117985
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Ricky H

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/[illegible] BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	TPH-D w/SG clean-up by 8015M			Turnaround Time Requested
-1		mw-8	12/31/08 1055	GW					X	X	X	X			STD
-2		mw-7	↓ 1000	↓					↓	↓	↓	↓			↓
-3		mw-9	0942												
-4		mw-3	0936												
-5		mw-10	0820												
-6		mw-6	1040												

CHK BY: ALW DISTRIBUTION: [illegible] SUB-OUT ☐

Comments: GLOBAL ID: T0600101476	Relinquished by: (Signature) [signature]	Received by: Ross Dickey	Date & Time 12/31/08 1210
	Relinquished by: (Signature) Ross Dickey 1-5-09	Received by: [signature]	Date & Time 1-5-09 1740
	Relinquished by: (Signature) [signature] 1-5-09 2145	Received by: [signature]	Date & Time 1-5-09 2145

STATEMENTS

Purge Water Disposal

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

Limitations

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