ConocoPhillips
76 Broadway
Sacramento, California 95818

March 28, 2008

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Quarterly Summary Report – 4th Quarter 2007
76 Service Station # 1871
96 MacAuthur Blvd.
Oakland, California

Dear Ms. Drogos:

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

If you have any questions or need additional information, please contact me at (916) 558-7612.

Sincerely,

Bill Borgh

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

February 29, 2008

Ms. Donna Drogos
Supervising Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Quarterly Summary Report – Fourth Quarter 2007
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, California

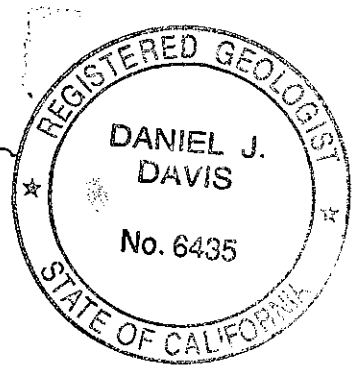
DELTA

Dear Ms. Drogos,

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 2007* dated January 16, 2008 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



Daniel J. Davis, R.G.
Senior Project Manager

Enclosure

cc: Mr. Bill Borgh– ConocoPhillips (electronic copy only)

QUARTERLY SUMMARY REPORT
Fourth Quarter 2007

76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, California

County: Alameda

SITE DESCRIPTION

The site is an operating service station located on the north corner of the intersection of MacArthur Boulevard and Harrison Street in Oakland, California. The site is currently a QuikStop market and petroleum dispensing facility. There are four dispenser islands, one station building, and two gasoline underground storage tanks (USTs).

SITE BACKGROUND AND ACTIVITY

May 1992: Roux Associates (Roux) performed a dispenser and product piping modification project.

October 1992: Roux installed three 4-inch diameter groundwater monitoring wells onsite.

January 1993: Quarterly groundwater sampling and monitoring began.

August 1994: A 280-gallon single-wall steel waste oil UST was replaced with a 550-gallon double-wall fiberglass UST. Conformation sampling was performed.

February 1996: The Alameda County Health Care Service Agency (ACHCSA) approved Unocal's request to reduce the groundwater monitoring and sampling frequency from quarterly to semiannually (KEI, 1996).

March 1996: Two monitoring wells were installed at the site.

May 1998: John's Excavating of Santa Rosa, California removed all underground and aboveground equipment and facilities. Facilities included two 12,000-gallon double-wall steel gasoline USTs, one 550-gallon double-wall steel waste oil UST, two hydraulic lifts, two dispenser islands and related single-wall product piping, and one service station building. Gettler-Ryan Inc. (GR) personnel performed soil and groundwater sampling activities in conjunction with the station demolition. A total of 1,252.78 tons of soil were removed from the site during demolition activities and transported to Forward Landfill for disposal.

September 1998: Two wells that were damaged during site demolition activities were drilled out and the boreholes backfilled with neat cement to grade. In addition, one soil boring was advanced onsite to a total depth of 16.5 feet below ground surface (bgs). Groundwater was encountered at approximately 10.5 feet bgs. Soil and groundwater samples were collected for development of a Risk Based Corrective Action (RBCA) evaluation for the site.

February 1999: GR performed a RBCA evaluation. The RBCA evaluation concluded that, since the site was scheduled for construction of a fuel dispensing facility covered with

concrete and asphalt and no groundwater receptors were located within a 1/4 mile radius of the site, the potential threat to public health and environment was not of significant concern.

June 1999: GR installed three offsite monitoring wells, and advanced nine soil borings on and near the site. Depth-discrete soil and groundwater samples were collected.

April 2002: An ozone injection system was installed and activated at the site.

September 2003: Operations and maintenance responsibilities for the remediation system were transferred to SECOR International Inc. (SECOR).

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

January 2006: Operations and maintenance responsibilities for the remediation system were transferred to Environ Strategy Consultants, Inc. International Inc. (Environ Strategy).

November 2007: At the request of the ACHCSA, TRC submitted a Site Conceptual Model.

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

SENSITIVE RECEPTORS

No potential receptors for impacted groundwater were identified within a ¼ mile radius of the site during the 1999 RBCA evaluation. No other sensitive receptor surveys have been conducted for the site.

GROUNDWATER MONITORING AND SAMPLING

The groundwater monitoring well network, consisting of one onsite and six offsite monitoring wells, has been monitored and sampled on a quarterly basis since January 2002. During the most recent groundwater sampling event conducted on December 17 and 19, 2007, reported depth to groundwater ranged from 6.92 feet (MW-10) to 15.75 feet (MW-11) below top of casing (TOC).

The groundwater flow direction was reported west at a gradient of 0.03. This is consistent with a gradient of 0.03 southwest during the previous sampling event (September 28, 2007). Reported historical groundwater flow direction has been primarily to the southwest.

Dissolved groundwater concentrations are reported as follows.

TPH-G Detected in two of the seven sampled wells with a maximum concentration of 4,700 µg/L in well MW-1. This is an increase from a maximum concentration of 390 µg/L in well MW-9 during the previous sampling event.

Benzene Not reported above laboratory reporting limits in any sampled well. This is consistent with historical concentrations.

MTBE Detected in six of the seven sampled wells with a maximum concentration of 480 µg/L in well MW-9. This is an increase from a maximum concentration of 430 µg/L in well MW-9 during the previous sampling event.

REMEDIATION STATUS

April 2002: GR installed an ozone sparging system utilizing 10 ozone sparge wells completed to maximum depths of 25 to 30 feet bgs. The system was activated on April 8, 2002. Since then approximately 149 pounds of ozone have been injected.

CHARACTERIZATION STATUS

Maximum TPH-G, benzene, and MTBE soil concentrations were reported at 1,700 ppm, 3.1 ppm, and 1 ppm, respectively.

Maximum TPH-G and MTBE were detected during the most recent groundwater sampling event at 4,700 µg/L (MW-1) and 480 µg/L (MW-9), respectively.

RECENT CORRESPONDENCE

No regulatory correspondence were received or sent during the fourth quarter 2007.

THIS QUARTER ACTIVITIES (Fourth Quarter 2007)

- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on December 17 and 19, 2007.
- TRC prepared the *Quarterly Monitoring Report, October through December 2007* dated January 16, 2008.

NEXT QUARTER ACTIVITIES (First Quarter 2008)

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

CONSULTANT: Delta Consultants

TRC

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: January 16, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

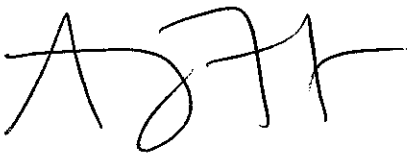
RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2007

Dear Mr. Borgh:

Please find enclosed our Quarterly Monitoring Report for 76 Station, located at 96 MacArthur Boulevard, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC



Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Daniel Davis, Delta Consultants (3 copies)

Enclosures
20-0400/1871R17.QMS

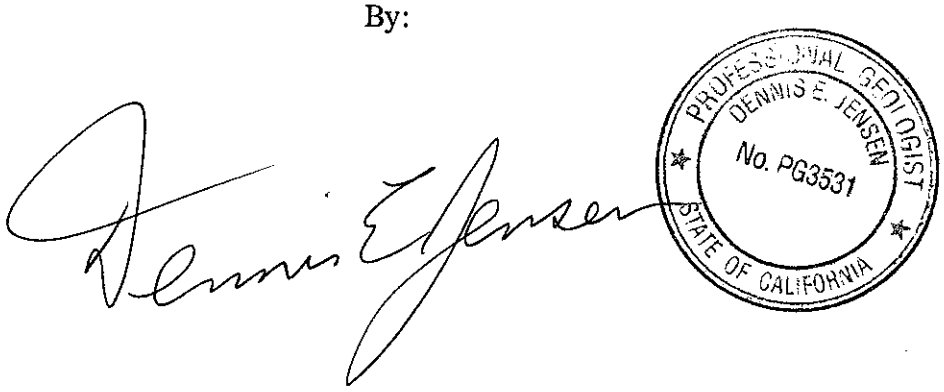
QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2007

76 STATION 1871
96 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 1/15/08

Summary of Gauging and Sampling Activities
October 2007 through December 2007
76 Station 1871
96 MacArthur Boulevard
Oakland, CA

Project Coordinator: **Bill Borgh** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7612** Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **12/17/07, 12/19/07**

Sample Points

Groundwater wells: **1** onsite, **6** offsite Wells gauged: **7** Wells sampled: **7**
Purging method: **Diaphragm pump/bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.92 feet** Maximum: **15.75 feet**
Average groundwater elevation (relative to available local datum): **68.83 feet**
Average change in groundwater elevation since previous event: **-0.05 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.03 ft/ft, west**
Previous event: **0.03 ft/ft, southwest (9/28/07)**

Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **2** Maximum: **4,700 µg/l (MW-1)**
Wells with **MTBE 8260B** **6** Maximum: **480 µg/l (MW-9)**

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 1871 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 1871

Current Event

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

Historic Data

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 17, 2007

76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		**(Screen Interval in feet: 9.5-24.5)**												
12/17/07	86.99	14.57	0.00	72.42	-0.65	--	4700	ND<5.0	ND<5.0	71	160	--	18	
MW-6		**(Screen Interval in feet: 5.0-25.0)**												
12/17/07	79.67	9.62	0.00	70.05	0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	
MW-7		**(Screen Interval in feet: 5.0-25.0)**												
12/19/07	80.67	9.23	0.00	71.44	-0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
MW-8		**(Screen Interval in feet: 5.0-25.0)**												
12/17/07	81.71	9.81	0.00	71.90	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	16	
MW-9		**(Screen Interval in feet: DNA)**												
12/17/07	82.07	15.72	0.00	66.35	-0.24	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	480	
MW-10		**(Screen Interval in feet: DNA)**												
12/17/07	74.98	6.92	0.00	68.06	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
MW-11		**(Screen Interval in feet: DNA)**												
12/17/07	77.31	15.75	0.00	61.56	0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	ND<0.50	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Ethanol (8260B)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(mg/l)	(mg/l)	(mV)	(mV)
MW-1					
12/17/07	ND<2500	9.74	6.51	-63	-46
MW-6					
12/17/07	ND<250	10.19	9.38	-23	-14
MW-7					
12/19/07	ND<250	6.70	6.72	-17	-13
MW-8					
12/17/07	ND<250	6.95	5.26	26	24
MW-9					
12/17/07	ND<250	5.05	4.81	-27	-35
MW-10					
12/17/07	ND<250	4.97	4.46	-15	-2
MW-11					
12/17/07	ND<250	8.71	8.01	47	46

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1	**(Screen Interval in feet: 9.5-24.5)**													
11/3/92	--	--	--	--	--	260000	--	2300	4600	3700	17000	--	--	
1/25/93	81.18	--	0.00	--	--	120000	--	2100	4600	4900	22000	--	--	
4/29/93	81.18	13.71	0.00	67.47	--	100000	--	850	2000	4300	19000	--	--	
7/16/93	81.18	14.51	0.00	66.67	-0.80	29000	--	590	560	980	4200	--	--	
10/19/93	81.18	15.20	0.00	65.98	-0.69	67000	--	1400	2600	2900	5000	--	--	
1/20/94	81.18	15.17	0.00	66.01	0.03	92000	--	1200	3000	3400	17000	--	--	
4/13/94	81.18	14.44	0.00	66.74	0.73	51000	--	1000	2600	3200	15000	--	--	
7/13/94	81.18	14.88	0.00	66.30	-0.44	35000	--	550	150	1400	5700	--	--	
10/10/94	81.18	15.55	0.00	65.63	-0.67	52000	--	1000	810	3300	12000	--	--	
1/10/95	81.18	12.44	0.00	68.74	3.11	810	--	16	18	59	250	--	--	
4/17/95	81.18	12.68	0.00	68.50	-0.24	48000	--	880	530	2500	11000	--	--	
7/24/95	81.18	13.97	0.00	67.21	-1.29	48000	--	1500	420	2700	9700	--	--	
10/23/95	81.18	14.85	0.00	66.33	-0.88	47000	--	780	210	2100	11000	270	--	
1/18/96	81.18	14.21	0.00	66.97	0.64	30000	--	1500	500	3500	13000	2400	--	
4/18/96	86.24	13.40	0.00	72.84	5.87	66000	--	2700	2200	3100	13000	57000	--	
7/24/96	86.24	14.15	0.00	72.09	-0.75	5600	--	2100	ND	160	160	24000	--	
10/24/96	86.24	14.85	0.00	71.39	-0.70	110000	--	7500	8000	3300	14000	58000	--	
1/28/97	86.24	11.25	0.00	74.99	3.60	94000	--	7700	19000	3100	15000	120000	--	
7/29/97	86.24	14.67	0.00	71.57	-3.42	ND	--	ND	ND	ND	ND	70000	--	
1/14/98	86.24	12.27	0.00	73.97	2.40	85000	--	6100	10000	3000	17000	110000	--	
7/1/98	86.24	14.32	0.00	71.92	-2.05	110000	--	8700	12000	2700	15000	110000	--	
6/18/99	86.24	13.93	0.00	72.31	0.39	49000	--	6900	6500	380	12000	72000	47000	
1/21/00	86.24	15.05	0.00	71.19	-1.12	63700	--	5520	2000	2640	13100	57100	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued														
7/10/00	86.24	13.97	0.00	72.27	1.08	67800	--	9910	4120	3330	16100	67400	54000	
1/4/01	86.24	14.92	0.00	71.32	-0.95	63900	--	6270	784	2670	12900	--	38100	
7/16/01	86.24	14.32	0.00	71.92	0.60	66000	--	7100	330	2300	9800	36000	41000	
1/31/02	86.99	13.54	0.00	73.45	1.53	42000	--	5800	1800	2000	8200	26000	26000	
4/11/02	86.99	13.64	0.00	73.35	-0.10	58000	--	2900	1200	1800	10000	19000	--	
7/11/02	86.99	13.96	0.00	73.03	-0.32	--	5900	330	ND<10	230	600	--	3400	
10/15/02	86.99	14.71	0.00	72.28	-0.75	--	470	16	ND<2.5	14	16	--	390	
1/14/03	86.99	12.77	0.00	74.22	1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	49	
4/16/03	86.99	13.18	0.00	73.81	-0.41	--	510	57	0.62	29	61	--	160	
7/16/03	86.99	14.26	0.00	72.73	-1.08	--	27000	260	23	730	3200	--	1200	
10/2/03	86.99	14.95	0.00	72.04	-0.69	--	45000	1400	32	2900	7600	--	3200	
1/7/04	86.99	12.30	0.00	74.69	2.65	--	34000	690	41	1600	5200	--	2600	
4/2/04	86.99	13.18	0.00	73.81	-0.88	--	350	1.8	ND<0.50	6.2	30	--	19	
7/29/04	86.99	14.61	0.00	72.38	-1.43	--	41000	550	ND<20	2000	6100	--	1200	
11/24/04	86.99	14.98	0.00	72.01	-0.37	--	55000	910	28	3100	11000	--	1600	
1/24/05	86.99	12.98	0.00	74.01	2.00	--	24000	240	ND<20	1100	3600	--	1800	
6/23/05	86.99	13.39	0.00	73.60	-0.41	--	24000	140	ND<25	1100	2900	--	600	
9/28/05	86.99	14.63	0.00	72.36	-1.24	--	8200	22	0.97	290	660	--	320	
12/20/05	86.99	11.42	0.00	75.57	3.21	--	10000	17	29	180	840	--	2400	
3/10/06	86.99	10.98	0.00	76.01	0.44	--	10000	35	ND<5.0	470	1300	--	960	
6/23/06	86.99	11.85	0.00	75.14	-0.87	--	11000	110	ND<5.0	610	1600	--	780	
9/27/06	86.99	14.11	0.00	72.88	-2.26	--	8500	22	ND<10	270	740	--	460	
12/22/06	86.99	13.66	0.00	73.33	0.45	--	7300	35	ND<5.0	370	850	--	210	
3/23/07	86.99	13.25	0.00	73.74	0.41	--	8800	28	ND<2.5	440	910	--	170	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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 continued														
6/29/07	86.99	13.47	0.00	73.52	-0.22	--	6300	16	ND<2.5	300	650	--	50	
9/28/07	86.99	13.92	0.00	73.07	-0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
12/17/07	86.99	14.57	0.00	72.42	-0.65	--	4700	ND<5.0	ND<5.0	71	160	--	18	
MW-2	**(Screen Interval in feet: DNA)**													
11/3/92	76.61	--	--	--	--	140	--	2.2	ND	ND	2.0	--	--	
1/25/93	76.61	--	--	--	--	2100	--	56	1.1	90	140	--	--	
4/29/93	76.61	9.73	0.00	66.88	--	1500	--	290	ND	33	11	--	--	
7/16/93	76.61	10.17	0.00	66.44	-0.44	510	--	17	0.60	3.2	2.5	--	--	
10/19/93	76.61	11.18	0.00	65.43	-1.01	670	--	24	1.1	7.7	23	--	--	
1/20/94	76.61	11.12	0.00	65.49	0.06	820	--	97	ND	12	ND	--	--	
4/13/94	76.61	10.12	0.00	66.49	1.00	550	--	71	ND	5.1	1.3	--	--	
7/13/94	76.61	10.86	0.00	65.75	-0.74	2000	--	490	ND	17	13	--	--	
10/10/94	76.61	11.48	0.00	65.13	-0.62	2300	--	340	ND	25	ND	--	--	
1/10/95	76.61	8.71	0.00	67.90	2.77	850	--	3.8	ND	8.5	1.3	--	--	
4/17/95	76.61	8.90	0.00	67.71	-0.19	1300	--	4.7	ND	8.3	1.2	--	--	
7/24/95	76.61	9.94	0.00	66.67	-1.04	960	--	20	ND	4.2	6.2	--	--	
10/23/95	76.61	10.70	0.00	65.91	-0.76	ND	--	ND	ND	ND	ND	19	--	
1/18/96	76.61	10.11	0.00	66.50	0.59	900	--	300	86	7.6	18	4300	--	
4/18/96	81.66	9.27	0.00	72.39	5.89	18000	--	3600	680	890	4100	19000	--	
7/24/96	81.66	10.02	0.00	71.64	-0.75	100000	--	13000	21000	2700	16000	120000	--	
10/24/96	81.66	10.78	0.00	70.88	-0.76	800	--	110	17	11	20	20000	--	
1/28/97	81.66	7.70	0.00	73.96	3.08	45000	--	2400	2900	2000	7600	29000	--	
7/29/97	81.66	10.28	0.00	71.38	-2.58	ND	--	1.2	0.72	0.63	0.62	17000	--	
1/14/98	81.66	8.63	0.00	73.03	1.65	14000	--	1000	150	790	3300	23000	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through December 2007
76 Station 1871

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														
7/1/98	81.66	9.53	0.00	72.13	-0.90	2700	--	100	ND	180	78	7100	--	
6/18/99	--	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-3	**(Screen Interval in feet: DNA)**													
11/3/92	77.48	--	--	--	--	2100	--	120	15	38	200	--	--	
1/25/93	77.48	--	--	--	--	2300	--	80	1	55	52	--	--	
4/29/93	77.48	11.37	0.00	66.11	--	4500	--	1700	ND	200	140	--	--	
7/16/93	77.48	12.09	0.00	65.39	-0.72	4000	--	1100	28	52	70	--	--	
10/19/93	77.48	12.69	0.00	64.79	-0.60	3800	--	42	ND	50	56	--	--	
1/20/94	77.48	12.65	0.00	64.83	0.04	4200	--	11	ND	21	15	--	--	
4/13/94	77.48	12.02	0.00	65.46	0.63	4200	--	210	ND	36	53	--	--	
7/13/94	77.48	12.46	0.00	65.02	-0.44	1800	--	16	16	ND	21	--	--	
10/10/94	77.48	12.98	0.00	64.50	-0.52	4300	--	11	ND	12	ND	--	--	
1/10/95	77.48	10.42	0.00	67.06	2.56	310	--	4.6	ND	3.5	2.1	--	--	
4/17/95	77.48	10.42	0.00	67.06	0.00	7800	--	ND	4.6	300	450	--	--	
7/24/95	77.48	11.76	0.00	65.72	-1.34	3200	--	170	ND	22	16	--	--	
10/23/95	77.48	12.50	0.00	64.98	-0.74	3900	--	55	ND	19	11	4500	--	
1/18/96	77.48	11.79	0.00	65.69	0.71	2200	--	270	33	26	18	5500	--	
4/18/96	82.55	11.30	0.00	71.25	5.56	6000	--	1800	ND	100	230	48000	--	
7/24/96	82.55	12.17	0.00	70.38	-0.87	ND	--	2500	ND	ND	ND	71000	--	
10/24/96	82.55	12.65	0.00	69.90	-0.48	3800	--	660	ND	15	ND	65000	--	
1/28/97	82.55	9.50	0.00	73.05	3.15	4400	--	250	13	87	47	54000	--	
7/29/97	82.55	11.99	0.00	70.56	-2.49	ND	--	3500	ND	220	ND	75000	--	
1/14/98	82.55	10.30	0.00	72.25	1.69	ND	--	430	ND	100	380	37000	--	
7/1/98	82.55	11.70	0.00	70.85	-1.40	ND	--	430	ND	ND	ND	45000	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
6/18/99	--	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-4	**(Screen Interval in feet: DNA)**													
4/18/96	82.04	9.83	0.00	72.21	--	ND	--	630	ND	ND	ND	18000	--	
7/24/96	82.04	10.47	0.00	71.57	-0.64	ND	--	ND	ND	ND	5.2	3900	--	
10/24/96	82.04	11.14	0.00	70.90	-0.67	ND	--	ND	ND	ND	ND	6300	--	
1/28/97	82.04	7.94	0.00	74.10	3.20	1200	--	490	ND	17	6.8	16000	--	
7/29/97	82.04	10.86	0.00	71.18	-2.92	50	--	1.5	0.61	0.73	0.78	15000	--	
1/14/98	82.04	8.73	0.00	73.31	2.13	ND	--	ND	ND	ND	ND	5200	--	
7/1/98	82.04	10.51	0.00	71.53	-1.78	ND	--	ND	ND	ND	ND	640	--	
6/18/99	82.04	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-5	**(Screen Interval in feet: DNA)**													
4/18/96	81.80	9.65	0.00	72.15	--	31000	--	5500	1400	1700	8100	66000	--	
7/24/96	81.80	10.80	0.00	71.00	-1.15	32000	--	6400	ND	1600	6100	120000	--	
10/24/96	81.80	11.40	0.00	70.40	-0.60	17000	--	6900	ND	970	130	84000	--	
1/28/97	81.80	7.76	0.00	74.04	3.64	19000	--	6100	62	82	310	160000	--	
7/29/97	81.80	11.58	0.00	70.22	-3.82	ND	--	ND	ND	ND	ND	71000	--	
1/14/98	81.80	9.08	0.00	72.72	2.50	ND	--	3600	ND	ND	ND	80000	--	
7/1/98	81.80	11.25	0.00	70.55	-2.17	6400	--	2100	21	120	330	61000	--	
6/18/99	81.80	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-6	**(Screen Interval in feet: 5.0-25.0)**													
6/18/99	78.91	9.30	0.00	69.61	--	2100	--	21	29	ND	47	97000	71000	
1/21/00	78.91	9.37	0.00	69.54	-0.07	1880	--	143	31.2	106	196	41200	48800	
7/10/00	78.91	8.94	0.00	69.97	0.43	5710	--	869	209	301	1430	22200	19500	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
1/4/01	78.91	9.21	0.00	69.70	-0.27	ND	--	ND	ND	ND	ND	--	9510	
7/16/01	78.91	9.42	0.00	69.49	-0.21	4800	--	200	21	150	440	29000	34000	
1/31/02	78.91	8.50	0.00	70.41	0.92	12000	--	250	92	500	1500	26000	31000	
4/11/02	79.67	9.08	0.00	70.59	0.18	3600	--	42	32	39	280	120000	--	
7/11/02	79.67	9.70	0.00	69.97	-0.62	--	12000	ND<100	ND<100	ND<100	ND<200	--	15000	
10/15/02	79.67	9.96	0.00	69.71	-0.26	--	1300	ND<10	ND<10	ND<10	ND<20	--	3200	
1/14/03	79.67	8.31	0.00	71.36	1.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
4/16/03	79.67	8.21	0.00	71.46	0.10	--	270	ND<0.50	ND<0.50	ND<0.50	1.3	--	15	
7/16/03	79.67	9.43	0.00	70.24	-1.22	--	290	39	0.60	ND<0.50	15	--	150	
10/2/03	79.67	9.92	0.00	69.75	-0.49	--	200	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	220	
1/7/04	79.67	8.08	0.00	71.59	1.84	--	140	2.4	ND<1.0	8.6	13	--	86	
4/2/04	79.67	8.63	0.00	71.04	-0.55	--	3200	ND<20	ND<20	ND<20	ND<40	--	5900	
7/29/04	79.67	9.75	0.00	69.92	-1.12	--	170	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	160	
11/24/04	79.67	9.59	0.00	70.08	0.16	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	45	
1/24/05	79.67	8.33	0.00	71.34	1.26	--	100	1.1	ND<0.50	0.60	1.1	--	40	
6/23/05	79.67	8.33	0.00	71.34	0.00	--	230	0.52	ND<0.50	3.6	9.6	--	200	
9/28/05	79.67	9.56	0.00	70.11	-1.23	--	500	ND<0.50	ND<0.50	ND<0.50	1.2	--	980	
12/20/05	79.67	7.82	0.00	71.85	1.74	--	640	0.79	ND<0.50	0.68	2.3	--	2400	
3/10/06	79.67	6.83	0.00	72.84	0.99	--	970	1.2	ND<0.50	1.3	5.0	--	3600	
6/23/06	79.67	8.13	0.00	71.54	-1.30	--	1700	ND<12	ND<12	ND<12	ND<25	--	1100	
9/27/06	79.67	9.44	0.00	70.23	-1.31	--	ND<1200	ND<12	ND<12	ND<12	ND<12	--	620	
12/22/06	79.67	8.60	0.00	71.07	0.84	--	9100	ND<10	ND<10	ND<10	ND<10	--	600	
3/23/07	79.67	8.39	0.00	71.28	0.21	--	330	ND<0.50	ND<0.50	0.82	ND<0.50	--	680	
6/29/07	79.67	9.02	0.00	70.65	-0.63	--	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	290	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
9/28/07	79.67	9.65	0.00	70.02	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/17/07	79.67	9.62	0.00	70.05	0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	
MW-7	**(Screen Interval in feet: 5.0-25.0)**													
6/18/99	79.92	8.70	0.00	71.22	--	ND	--	ND	ND	ND	ND	16000	13000	
1/21/00	79.92	9.30	0.00	70.62	-0.60	ND	--	ND	ND	ND	ND	12300	18200	
7/10/00	79.92	8.72	0.00	71.20	0.58	ND	--	ND	ND	ND	ND	16900	13800	
1/4/01	79.92	9.17	0.00	70.75	-0.45	ND	--	ND	ND	ND	0.719	--	37.3	
7/16/01	79.92	9.02	0.00	70.90	0.15	ND	--	ND	ND	ND	ND	7200	4700	
1/31/02	79.92	7.91	0.00	72.01	1.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8900	9900	
4/11/02	80.67	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
7/11/02	80.67	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/15/02	80.67	9.81	0.00	70.86	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	12000	
1/14/03	80.67	7.89	0.00	72.78	1.92	--	ND<25000	ND<250	ND<250	ND<250	ND<500	--	33000	
4/16/03	80.67	8.04	0.00	72.63	-0.15	--	ND<25000	ND<250	ND<250	ND<250	ND<500	--	37000	
7/16/03	80.67	9.19	0.00	71.48	-1.15	--	25000	ND<250	ND<250	ND<250	ND<500	--	38000	
10/2/03	80.67	9.89	0.00	70.78	-0.70	--	17000	ND<100	ND<100	ND<100	ND<200	--	22000	
1/7/04	80.67	7.27	0.00	73.40	2.62	--	ND<20000	ND<200	460	ND<200	540	--	19000	
4/2/04	80.67	8.09	0.00	72.58	-0.82	--	3400	ND<20	ND<20	ND<20	ND<40	--	5100	
7/29/04	80.67	9.40	0.00	71.27	-1.31	--	7400	ND<50	ND<50	ND<50	ND<100	--	11000	
11/24/04	80.67	9.65	0.00	71.02	-0.25	--	6200	ND<50	ND<50	ND<50	ND<100	--	6800	
1/24/05	80.67	7.92	0.00	72.75	1.73	--	ND<5000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13000	
6/23/05	80.67	8.56	0.00	72.11	-0.64	--	8700	ND<25	ND<25	ND<25	ND<50	--	12000	
9/28/05	80.67	9.37	0.00	71.30	-0.81	--	1200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5700	
12/20/05	80.67	6.31	0.00	74.36	3.06	--	1100	0.90	ND<0.50	24	37	--	8200	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
3/10/06	80.67	5.84	0.00	74.83	0.47	--	1200	24	ND<0.50	3.6	ND<1.0	--	4700	
6/23/06	80.67	6.83	0.00	73.84	-0.99	--	1800	21	ND<12	ND<12	ND<25	--	1500	
9/27/06	80.67	8.95	0.00	71.72	-2.12	--	ND<1200	ND<12	ND<12	ND<12	ND<12	--	350	
12/22/06	80.67	8.35	0.00	72.32	0.60	--	24000	ND<50	ND<50	ND<50	ND<50	--	190	
3/23/07	80.67	8.01	0.00	72.66	0.34	--	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	92	
6/29/07	80.67	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
9/28/07	80.67	9.05	0.00	71.62	--	--	50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	37	
12/19/07	80.67	9.23	0.00	71.44	-0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
MW-8	**(Screen Interval in feet: 5.0-25.0)**													
6/18/99	80.96	9.10	0.00	71.86	--	ND	--	ND	ND	ND	ND	290	160	
1/21/00	80.96	10.00	0.00	70.96	-0.90	ND	--	ND	ND	ND	1.09	224	221	
7/10/00	80.96	7.94	0.00	73.02	2.06	ND	--	ND	ND	ND	ND	234	223	
1/4/01	80.96	9.76	0.00	71.20	-1.82	3790	--	141	8.92	128	375	--	34200	
7/16/01	80.96	9.15	0.00	71.81	0.61	ND	--	ND	ND	ND	ND	66	70	
1/31/02	80.96	7.99	0.00	72.97	1.16	5900	--	86	ND<10	630	390	670	700	
4/11/02	81.71	9.00	0.00	72.71	-0.26	250	--	2.0	ND<0.50	38	2.2	410	--	
7/11/02	81.71	9.60	0.00	72.11	-0.60	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
10/15/02	81.71	10.60	0.00	71.11	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	
1/14/03	81.71	8.63	0.00	73.08	1.97	--	ND<250	2.6	ND<2.5	18	ND<5.0	--	430	
4/16/03	81.71	8.98	0.00	72.73	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	18	
7/16/03	81.71	9.63	0.00	72.08	-0.65	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
10/2/03	81.71	10.41	0.00	71.30	-0.78	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
1/7/04	81.71	8.21	0.00	73.50	2.20	--	ND<5000	ND<50	ND<50	ND<50	340	--	3700	
4/2/04	81.71	8.51	0.00	73.20	-0.30	--	3000	ND<20	ND<20	ND<20	ND<40	--	5200	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
7/29/04	81.71	9.78	0.00	71.93	-1.27	--	3200	ND<25	ND<25	ND<25	ND<50	--	5500	
11/24/04	81.71	10.19	0.00	71.52	-0.41	--	2100	ND<10	ND<10	ND<10	ND<20	--	2400	
1/24/05	81.71	8.49	0.00	73.22	1.70	--	ND<2500	4.0	0.52	ND<0.50	29	--	1800	
6/23/05	81.71	8.34	0.00	73.37	0.15	--	490	ND<0.50	ND<0.50	1.5	ND<1.0	--	980	
9/28/05	81.71	9.61	0.00	72.10	-1.27	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	520	
12/20/05	81.71	7.35	0.00	74.36	2.26	--	2700	ND<0.50	ND<0.50	78	82	--	86	
3/10/06	81.71	6.63	0.00	75.08	0.72	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
6/23/06	81.71	6.56	0.00	75.15	0.07	--	3600	ND<0.50	ND<0.50	100	57	--	ND<0.50	
9/27/06	81.71	9.64	0.00	72.07	-3.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	18	
12/22/06	81.71	9.42	0.00	72.29	0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.50	--	16	
3/23/07	81.71	8.68	0.00	73.03	0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	12	
6/29/07	81.71	9.10	0.00	72.61	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	17	
9/28/07	81.71	9.89	0.00	71.82	-0.79	--	99	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	21	
12/17/07	81.71	9.81	0.00	71.90	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	16	
MW-9	**(Screen Interval in feet: DNA)**													
1/31/02	82.07	14.72	0.00	67.35	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	680	910	
4/11/02	82.07	14.85	0.00	67.22	-0.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	620	--	
7/11/02	82.07	15.39	0.00	66.68	-0.54	--	580	ND<5.0	ND<5.0	ND<5.0	ND<10	--	580	
10/15/02	82.07	16.16	0.00	65.91	-0.77	--	570	ND<5.0	ND<5.0	ND<5.0	ND<10	--	1400	
1/14/03	82.07	14.75	0.00	67.32	1.41	--	ND<200	ND<2.0	ND<2.0	ND<2.0	ND<4.0	--	220	
4/16/03	82.07	14.51	0.00	67.56	0.24	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	860	
7/16/03	82.07	15.54	0.00	66.53	-1.03	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	1300	
10/2/03	82.07	16.28	0.00	65.79	-0.74	--	820	ND<5.0	ND<5.0	ND<5.0	ND<10	--	990	
1/7/04	82.07	14.65	0.00	67.42	1.63	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1200	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

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														
4/2/04	82.07	15.08	0.00	66.99	-0.43	--	510	ND<5.0	ND<5.0	ND<5.0	ND<10	--	850	
7/29/04	82.07	15.81	0.00	66.26	-0.73	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1300	
11/24/04	82.07	16.25	0.00	65.82	-0.44	--	1100	ND<5.0	ND<5.0	ND<5.0	ND<10	--	1300	
1/24/05	82.07	14.96	0.00	67.11	1.29	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2300	
6/23/05	82.07	14.40	0.00	67.67	0.56	--	1500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	2000	
9/28/05	82.07	15.67	0.00	66.40	-1.27	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	2400	
12/20/05	82.07	14.61	0.00	67.46	1.06	--	560	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2800	
3/10/06	82.07	13.39	0.00	68.68	1.22	--	1100	ND<5.0	ND<5.0	ND<5.0	ND<10	--	2100	
6/23/06	82.07	13.68	0.00	68.39	-0.29	--	1700	ND<12	ND<12	ND<12	ND<25	--	1700	
9/27/06	82.07	14.83	0.00	67.24	-1.15	--	ND<1200	ND<12	ND<12	ND<12	ND<12	--	1400	
12/22/06	82.07	14.75	0.00	67.32	0.08	--	680	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1100	
3/23/07	82.07	14.52	0.00	67.55	0.23	--	240	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	660	
6/29/07	82.07	14.89	0.00	67.18	-0.37	--	210	ND<0.50	ND<0.50	ND<0.50	0.52	--	410	
9/28/07	82.07	15.48	0.00	66.59	-0.59	--	390	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	430	
12/17/07	82.07	15.72	0.00	66.35	-0.24	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	480	
MW-10	**(Screen Interval in feet: DNA)**													
1/31/02	74.98	8.02	0.00	66.96	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.2	
4/11/02	74.98	7.60	0.00	67.38	0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/11/02	74.98	8.91	0.00	66.07	-1.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
10/15/02	74.98	11.49	0.00	63.49	-2.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/14/03	74.98	8.47	0.00	66.51	3.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/16/03	74.98	7.92	0.00	67.06	0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/16/03	74.98	7.03	0.00	67.95	0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/2/03	74.98	7.63	0.00	67.35	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-10	**continued**													
1/7/04	74.98	6.22	0.00	68.76	1.41	--	54	ND<0.50	ND<0.50	1.3	4.5	--	ND<2.0	
4/2/04	74.98	7.49	0.00	67.49	-1.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
7/29/04	74.98	7.41	0.00	67.57	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/24/04	74.98	7.55	0.00	67.43	-0.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.5	
1/24/05	74.98	6.40	0.00	68.58	1.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.71	
6/23/05	74.98	6.46	0.00	68.52	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/05	74.98	7.52	0.00	67.46	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/20/05	74.98	6.04	0.00	68.94	1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.57	
3/10/06	74.98	5.86	0.00	69.12	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/06	74.98	6.42	0.00	68.56	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.50	
9/27/06	74.98	6.92	0.00	68.06	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	48	
12/22/06	74.98	5.90	0.00	69.08	1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.5	
3/23/07	74.98	6.48	0.00	68.50	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.54	
6/29/07	74.98	6.78	0.00	68.20	-0.30	--	ND<50	ND<0.50	ND<0.50	0.76	1.6	--	5.6	
9/28/07	74.98	7.24	0.00	67.74	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	
12/17/07	74.98	6.92	0.00	68.06	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
MW-11	**(Screen Interval in feet: DNA)**													
1/31/02	77.31	11.71	0.00	65.60	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
4/11/02	77.31	11.95	0.00	65.36	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/11/02	77.31	12.79	0.00	64.52	-0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/15/02	77.31	13.67	0.00	63.64	-0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/14/03	77.31	13.31	0.00	64.00	0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/16/03	77.31	14.08	0.00	63.23	-0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/16/03	77.31	12.98	0.00	64.33	1.10	--	65	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2007

76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-11	**continued**													
10/2/03	77.31	12.96	0.00	64.35	0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/7/04	77.31	16.20	0.00	61.11	-3.24	--	63	ND<0.50	ND<0.50	0.68	2.2	--	ND<2.0	
4/2/04	77.31	18.01	0.00	59.30	-1.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/29/04	77.31	14.39	0.00	62.92	3.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/24/04	77.31	16.72	0.00	60.59	-2.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/24/05	77.31	17.44	0.00	59.87	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/05	77.31	12.37	0.00	64.94	5.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/05	77.31	16.78	0.00	60.53	-4.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/20/05	77.31	17.06	0.00	60.25	-0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/10/06	77.31	16.20	0.00	61.11	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/23/06	77.31	12.65	0.00	64.66	3.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/06	77.31	14.78	0.00	62.53	-2.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/22/06	77.31	13.48	0.00	63.83	1.30	--	55	ND<0.50	ND<0.50	2.1	5.4	--	ND<0.50	
3/23/07	77.31	13.78	0.00	63.53	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/29/07	77.31	15.58	0.00	61.73	-1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.62	--	ND<0.50	
9/28/07	77.31	16.02	0.00	61.29	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/17/07	77.31	15.75	0.00	61.56	0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-1													
6/18/99	--	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--
7/16/01	--	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--
1/14/03	--	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
7/16/03	--	--	ND<10000	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<25000	--	--	--	--	--	--	25.1	45.7	80.1	21.0
1/7/04	--	--	ND<20000	--	--	--	--	--	--	12.12	12.31	142	24
4/2/04	--	--	ND<50	--	--	--	--	--	--	11.33	13.42	36	34
7/29/04	--	--	ND<2000	--	--	--	--	--	--	5.37	5.51	-2	-4
11/24/04	--	--	ND<2000	--	--	--	--	--	6.58	3.08	4.73	-43	-39
1/24/05	--	--	ND<2000	--	--	--	--	--	--	14.3	17.0	100	96
6/23/05	--	--	ND<50000	--	--	--	--	--	--	--	4.79	-103	--
9/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	4.73	-91	-94
12/20/05	--	--	ND<250	--	--	--	--	--	--	4.16	2.76	-210	-328
3/10/06	--	--	ND<2500	--	--	--	--	--	--	1.45	1.64	-511	-615
6/23/06	--	--	ND<2500	--	--	--	--	--	--	--	4.31	-030	--
9/27/06	--	--	ND<5000	--	--	--	--	--	--	4.50	4.72	-32	-25
12/22/06	--	--	ND<2500	--	--	--	--	--	--	6.80	2.35	-121	-72
3/23/07	--	--	ND<1200	--	--	--	--	--	--	3.22	3.45	-135	-141
6/29/07	--	--	ND<1200	--	--	--	--	--	--	6.64	7.11	-131	-65
9/28/07	--	--	ND<250	--	--	--	--	--	--	--	7.84	-167	--
12/17/07	--	--	ND<2500	--	--	--	--	--	--	9.74	6.51	-63	-46
MW-4													
4/18/96	110	--	--	--	--	--	--	--	--	--	--	--	--
7/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
1/28/97	210	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-4 continued													
7/29/97	ND	--	--	--	--	--	--	--	--	--	--	--	--
1/14/98	ND	--	--	--	--	--	--	--	--	--	--	--	--
7/1/98	ND	--	--	--	--	--	--	--	--	--	--	--	--
MW-6													
6/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
7/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
7/11/02	--	ND<1000	ND<5000	ND<100	ND<100	ND<200	ND<100	ND<100	--	--	--	--	--
1/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
7/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<1000	--	--	--	--	--	--	15.5	26.2	139	175
1/7/04	--	--	ND<1000	--	--	--	--	--	--	12.63	14.29	-12	24
4/2/04	--	--	ND<2000	--	--	--	--	--	--	12.63	12.72	9	23
7/29/04	--	--	ND<100	--	--	--	--	--	--	4.74	4.79	-19	-8
11/24/04	--	--	ND<50	--	--	--	--	--	6.99	2.81	5.54	-29	-12
1/24/05	--	--	ND<50	--	--	--	--	--	--	14.5	15.3	72	70
6/23/05	--	--	ND<1000	--	--	--	--	--	--	1.86	1.73	70	71
9/28/05	--	--	ND<1000	--	--	--	--	--	--	2.63	2.57	-74	-80
12/20/05	--	--	ND<250	--	--	--	--	--	--	1.52	2.30	-280	-217
3/10/06	--	--	ND<250	--	--	--	--	--	--	5.25	0.80	173	224
6/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.39	-105	--
9/27/06	--	--	ND<6200	--	--	--	--	--	--	2.54	3.01	-109	-104
12/22/06	--	--	ND<5000	--	--	--	--	--	--	1.22	4.03	-46	-67
3/23/07	--	--	ND<250	--	--	--	--	--	--	3.64	3.62	-101	-92
6/29/07	--	--	ND<250	--	--	--	--	--	--	8.49	6.78	171	84
9/28/07	--	--	ND<250	--	--	--	--	--	--	8.36	8.40	167	154
12/17/07	--	--	ND<250	--	--	--	--	--	--	10.19	9.38	-23	-14

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-7													
6/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
7/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
1/14/03	--	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--	--	--
7/16/03	--	--	ND<250000	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<100000	--	--	--	--	--	--	24.3	28.2	109	153
1/7/04	--	--	ND<200000	--	--	--	--	--	--	10.79	10.85	23	5
4/2/04	--	--	ND<2000	--	--	--	--	--	--	12.41	11.32	24	10
7/29/04	--	--	ND<5000	--	--	--	--	--	--	4.10	3.96	17	18
11/24/04	--	--	ND<5000	--	--	--	--	--	6.60	1.99	3.29	-43	-24
1/24/05	--	--	ND<5000	--	--	--	--	--	--	17.2	14.5	71	48
6/23/05	--	--	ND<50000	--	--	--	--	--	--	2.84	2.18	-37	-32
9/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	3.63	-81	-85
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.04	2.03	-263	-256
3/10/06	--	--	ND<250	--	--	--	--	--	--	1.28	0.95	164	-179
6/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.95	-119	--
9/27/06	--	--	ND<6200	--	--	--	--	--	--	3.16	3.98	-107	-95
12/22/06	--	--	ND<25000	--	--	--	--	--	--	2.25	2.03	-86	-101
3/23/07	--	--	ND<250	--	--	--	--	--	--	3.38	3.75	-49	-47
9/28/07	--	--	ND<250	--	--	--	--	--	--	8.16	7.96	30	26
12/19/07	--	--	ND<250	--	--	--	--	--	--	6.70	6.72	-17	-13
MW-8													
6/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
7/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
1/14/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--
7/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<500	--	--	--	--	--	--	23.6	28.5	188	197

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-8 continued													
1/7/04	--	--	ND<50000	--	--	--	--	--	--	9.94	13.13	-15	21
4/2/04	--	--	ND<2000	--	--	--	--	--	--	13.37	12.82	-10	16
7/29/04	--	--	ND<2500	--	--	--	--	--	--	3.68	3.73	18	30
11/24/04	--	--	ND<1000	--	--	--	--	--	6.67	3.97	2.71	-36	-20
1/24/05	--	--	ND<2500	--	--	--	--	--	--	41.6	41.2	56	60
6/23/05	--	--	ND<1000	--	--	--	--	--	--	2.05	2.13	58	56
9/28/05	--	--	ND<1000	--	--	--	--	--	--	2.12	1.98	-40	-26
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.02	3.72	-402	-326
3/10/06	--	--	ND<250	--	--	--	--	--	--	1.51	0.99	-182	-181
6/23/06	--	--	ND<250	--	--	--	--	--	--	--	2.81	-135	--
9/27/06	--	--	ND<250	--	--	--	--	--	--	4.87	4.91	-155	-139
12/22/06	--	--	ND<250	--	--	--	--	--	--	1.80	2.40	16	12
3/23/07	--	--	ND<250	--	--	--	--	--	--	3.52	3.90	25	22
6/29/07	--	--	ND<250	--	--	--	--	--	--	5.35	5.29	98	92
9/28/07	--	--	ND<250	--	--	--	--	--	--	7.18	7.24	16	22
12/17/07	--	--	ND<250	--	--	--	--	--	--	6.95	5.26	26	24
MW-9													
1/31/02	--	ND<140	ND<3600	ND<7.1	ND<7.1	ND<7.1	ND<7.1	ND<7.1	--	--	--	--	--
1/14/03	--	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	--	--	--	--
7/16/03	--	--	ND<25000	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<5000	--	--	--	--	--	--	29.5	28.4	201	203
1/7/04	--	--	ND<10000	--	--	--	--	--	--	10.45	12.00	9	27
4/2/04	--	--	ND<500	--	--	--	--	--	--	16.37	13.21	12	32
7/29/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<500	--	--	--	--	--	6.47	3.24	1.71	-68	-67
1/24/05	--	--	ND<1000	--	--	--	--	--	--	26.0	22.5	-45	-45

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-9 continued													
6/23/05	--	--	ND<10000	--	--	--	--	--	--	1.50	1.44	-136	-144
9/28/05	--	--	ND<50000	--	--	--	--	--	--	2.51	1.67	-94	-119
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.05	4.67	-102	-42
3/10/06	--	--	ND<2500	--	--	--	--	--	--	2.82	2.13	160	161
6/23/06	--	--	ND<6200	--	--	--	--	--	--	--	0.84	-65	--
9/27/06	--	--	ND<6200	--	--	--	--	--	--	0.68	0.75	-61	-43
12/22/06	--	--	ND<250	--	--	--	--	--	--	9.00	4.89	-44	-70
3/23/07	--	--	ND<250	--	--	--	--	--	--	6.85	5.33	-114	-82
6/29/07	--	--	ND<250	--	--	--	--	--	--	6.87	6.25	23	22
9/28/07	--	--	ND<1200	--	--	--	--	--	--	7.17	7.04	30	30
12/17/07	--	--	ND<250	--	--	--	--	--	--	5.05	4.81	-27	-35
MW-10													
1/31/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
1/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
7/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<500	--	--	--	--	--	--	24.8	25.7	192	213
1/7/04	--	--	ND<500	--	--	--	--	--	--	10.04	11.62	35	59
4/2/04	--	--	ND<50	--	--	--	--	--	--	11.91	12.02	42	45
7/29/04	--	--	ND<50	--	--	--	--	--	--	4.81	4.83	83	102
11/24/04	--	--	ND<50	--	--	--	--	--	6.89	2.59	3.07	-39	-29
1/24/05	--	--	ND<50	--	--	--	--	--	--	27.5	25.5	87	84
6/23/05	--	--	ND<1000	--	--	--	--	--	--	7.83	176	40	44
9/28/05	--	--	ND<1000	--	--	--	--	--	--	6.95	2.37	-66	-64
12/20/05	--	--	ND<250	--	--	--	--	--	--	3.85	3.45	59	58
3/10/06	--	--	ND<250	--	--	--	--	--	--	2.52	4.48	87	83
6/23/06	--	--	ND<250	--	--	--	--	--	--	--	1.49	-68	--

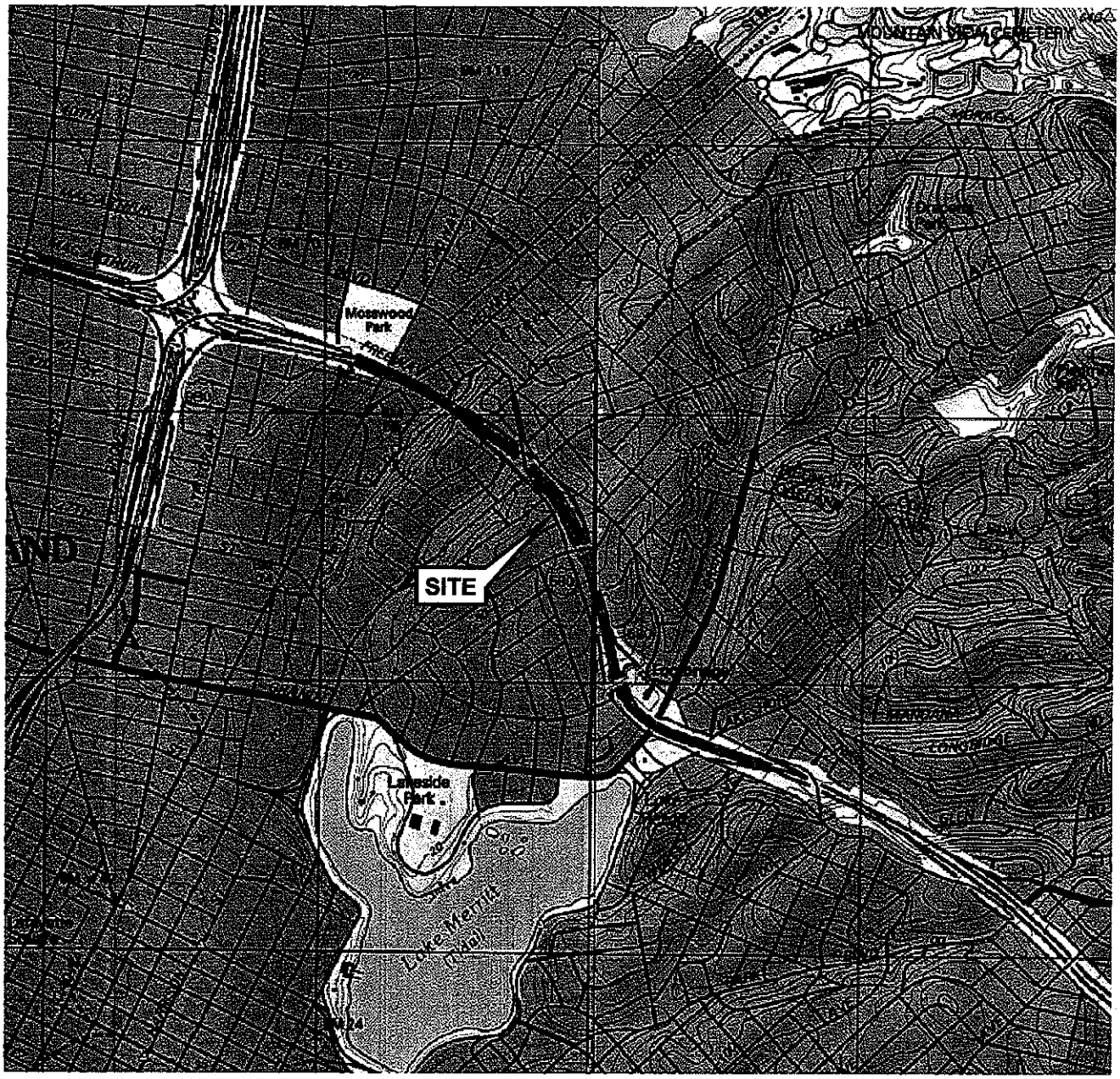
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-10 continued													
9/27/06	--	--	ND<250	--	--	--	--	--	--	1.79	1.55	-85	-65
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.20	3.00	107	85
3/23/07	--	--	ND<250	--	--	--	--	--	--	5.09	5.01	-60	--
6/29/07	--	--	ND<250	--	--	--	--	--	--	9.12	6.27	165	172
9/28/07	--	--	ND<250	--	--	--	--	--	--	8.34	8.21	124	126
12/17/07	--	--	ND<250	--	--	--	--	--	--	4.97	4.46	-15	-2
MW-11													
1/31/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
1/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
7/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
10/2/03	--	--	ND<500	--	--	--	--	--	--	33.7	23.2	202	255
1/7/04	--	--	ND<500	--	--	--	--	--	--	11.69	13.82	99	103
4/2/04	--	--	ND<50	--	--	--	--	--	--	11.94	14.08	-1	108
7/29/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<50	--	--	--	--	--	6.75	3.85	4.32	82	143
1/24/05	--	--	ND<50	--	--	--	--	--	--	30.01	32.6	79	83
6/23/05	--	--	ND<1000	--	--	--	--	--	--	2.17	2.16	76	82
9/28/05	--	--	ND<1000	--	--	--	--	--	--	4.97	4.59	-4	-1
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.16	4.77	35	070
3/10/06	--	--	ND<250	--	--	--	--	--	--	5.11	9.99	68	97
6/23/06	--	--	ND<250	--	--	--	--	--	--	--	7.74	-26	--
9/27/06	--	--	ND<250	--	--	--	--	--	--	5.72	5.98	32	40
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.81	4.35	46	44
3/23/07	--	--	ND<250	--	--	--	--	--	--	5.47	5.85	38	34
6/29/07	--	--	ND<250	--	--	--	--	--	--	7.87	7.80	242	223
9/28/07	--	--	ND<250	--	--	--	--	--	--	7.24	7.30	280	244

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-11 continued													
12/17/07	--	--	ND<250	--	--	--	--	--	--	8.71	8.01	47	46

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:
Oakland Quadrangle

TRC

PROJECT: 154771

FACILITY:

76 STATION 1871
96 MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAP S1871vm.dwg Nov 15, 2007 -- 11:15am cvuong

LEGEND

MW-11 ⊕ Monitoring Well with Groundwater Elevation (feet)

SP-H ⊕ Ozone Sparge Well

72.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

PLANTER

MACARTHUR BOULEVARD

SIDEWALK

DRIVEWAY

QUICK STOP MARKET BUILDING

FORMER WASTE OIL TANK

MW-9 66.35

MW-8 71.90

DRIVEWAY

SP-H

FORMER PROPERTY BOUNDARY

FORMER STATION BUILDING

UST

UST

96 MACARTHUR BLVD. (FORMERLY 66 MACARTHUR)

SP-G

MW-7 71.44*

SP-DS

FORMER DISPENSER ISLAND

DRIVEWAY

SP-F

CANOPY

DISPENSER ISLANDS

SP-A

MW-6 70.05

SP-E

SP-DS SP-DD

SP-C

SP-BS SP-BD

MW-1 72.42

FORMER UNDERGROUND STORAGE TANKS

DRIVEWAY

SIDEWALK

FORMER DISPENSER ISLAND

HARRISON STREET

SIDEWALK

72.00

OVERHEAD RAMP

CONCRETE ISLAND

CONC. DRAINAGE DITCH

SIDEWALK

MW-10 68.06

CONC. BRIDGE COLUMS (TYP.)

OVERHEAD FREEWAY STRUCTURE

WESTBOUND ON-RAMP TO I-580

MW-11 61.56

CONC. BRIDGE COLUMS (TYP.)

DIRT & LANDSCAPING

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

64.00

68.00

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. * = Gauged on 12/19/07.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
December 17, 2007

FIGURE 2

MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\Dx-1000\1871+\1871QMS(NEW).DWG Jan 10, 2008 - 9:57am cruong

LEGEND

MW-11 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

SP-H ⊕ Ozone Sparge Well

—1,000— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

OVERHEAD RAMP

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

MACARTHUR BOULEVARD

PLANTER

SIDEWALK

DRIVEWAY

QUICK STOP MARKET BUILDING

FORMER WASTE OIL TANK

FORMER PROPERTY BOUNDARY

FORMER STATION BUILDING

96 MACARTHUR BLVD. (FORMERLY 66 MACARTHUR)

MW-9 190

100

?

MW-8 ND<50

SP-H

UST

UST

SP-G

MW-7 ND<50*

SP-DS

FORMER DISPENSER ISLAND

DRIVEWAY

SP-F

CANOPY

DISPENSER ISLANDS

SP-A

CONCRETE ISLAND

CONC. DRAINAGE DITCH

MW-10 ND<50

SIDEWALK

CONC. BRIDGE COLUMS (TYP.)

MW-6 ND<50

SP-E

SP-C

SP-BS SP-BD

1,000

100

FORMER UNDERGROUND STORAGE TANKS

SP-DS SP-DD

MW-1 4700

DRIVEWAY

SIDEWALK

FORMER DISPENSER ISLAND

HARRISON STREET

OVERHEAD FREEWAY STRUCTURE

WESTBOUND ON-RAMP TO I-580

MW-11 ND<50

CONC. BRIDGE COLUMS (TYP.)

DIRT & LANDSCAPING

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

SIDEWALK

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. * = Sampled on 12/19/07.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:

76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
December 17, 2007

FIGURE 3

MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+\1871QMS(NEW).DWG Jan 10, 2008 - 9:56am cvuong

LEGEND

MW-11 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

SP-H ⊕ Ozone Sparge Well

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

PLANTER

MACARTHUR BOULEVARD

SIDEWALK

DRIVEWAY

QUICK STOP MARKET BUILDING

FORMER WASTE OIL TANK

MW-9 ND<0.50

MW-8 ND<0.50

DRIVEWAY

SP-H

FORMER PROPERTY BOUNDARY

FORMER STATION BUILDING

UST

UST

SP-G

96 MACARTHUR BLVD. (FORMERLY 66 MACARTHUR)

MW-7 ND<0.50*

SP-DS

FORMER DISPENSER ISLAND

CONCRETE ISLAND

DRIVEWAY

SP-F

CANOPY

DISPENSER ISLANDS

SP-A

OVERHEAD RAMP

CONC. DRAINAGE DITCH

MW-10 ND<0.50

SIDEWALK

CONC. BRIDGE COLUMS (TYP.)

MW-6 ND<0.50

SP-E

SP-C

SP-BS SP-BD

FORMER UNDERGROUND STORAGE TANKS

SP-DS SP-DD

MW-1 ND<5.0

OVERHEAD FREEWAY STRUCTURE

DRIVEWAY

SIDEWALK

FORMER DISPENSER ISLAND

HARRISON STREET

WESTBOUND ON-RAMP TO I-580

MW-11 ND<0.50

CONC. BRIDGE COLUMS (TYP.)

DIRT & LANDSCAPING

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

SIDEWALK

N

NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. * = Sampled on 12/19/07.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 17, 2007

FIGURE 4

MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+\18710MS(NEW).DWG Jan 10, 2008 - 9:57am cvuong

LEGEND

MW-11 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

SP-H ⊕ Ozone Sparge Well

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

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

MACARTHUR BOULEVARD

PLANTER

SIDEWALK

DRIVEWAY

QUICK STOP MARKET BUILDING

FORMER WASTE OIL TANK

MW-9 480

100

?

10

MW-8 16

SP-H

DRIVEWAY

FORMER PROPERTY BOUNDARY

FORMER STATION BUILDING

UST

UST

SP-G

96 MACARTHUR BLVD. (FORMERLY 66 MACARTHUR)

MW-7 5.2*

SP-DS

FORMER DISPENSER ISLAND

CONCRETE ISLAND

DISPENSER ISLANDS

SP-A

CANOPY

DRIVEWAY

SP-F

10

MW-6 21

SP-E

SP-C

SP-BS SP-BD

SP-DS SP-DD

MW-1 18

FORMER UNDERGROUND STORAGE TANKS

DRIVEWAY

SIDEWALK

FORMER DISPENSER ISLAND

HARRISON STREET

OVERHEAD RAMP

CONC. DRAINAGE DITCH

SIDEWALK

MW-10 5.6

CONC. BRIDGE COLUMS (TYP.)

OVERHEAD FREEWAY STRUCTURE

WESTBOUND ON-RAMP TO I-580

MW-11 ND<0.50

CONC. BRIDGE COLUMS (TYP.)

DIRT & LANDSCAPING

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

SIDEWALK

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B. * = Sampled on 12/19/07.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:

76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

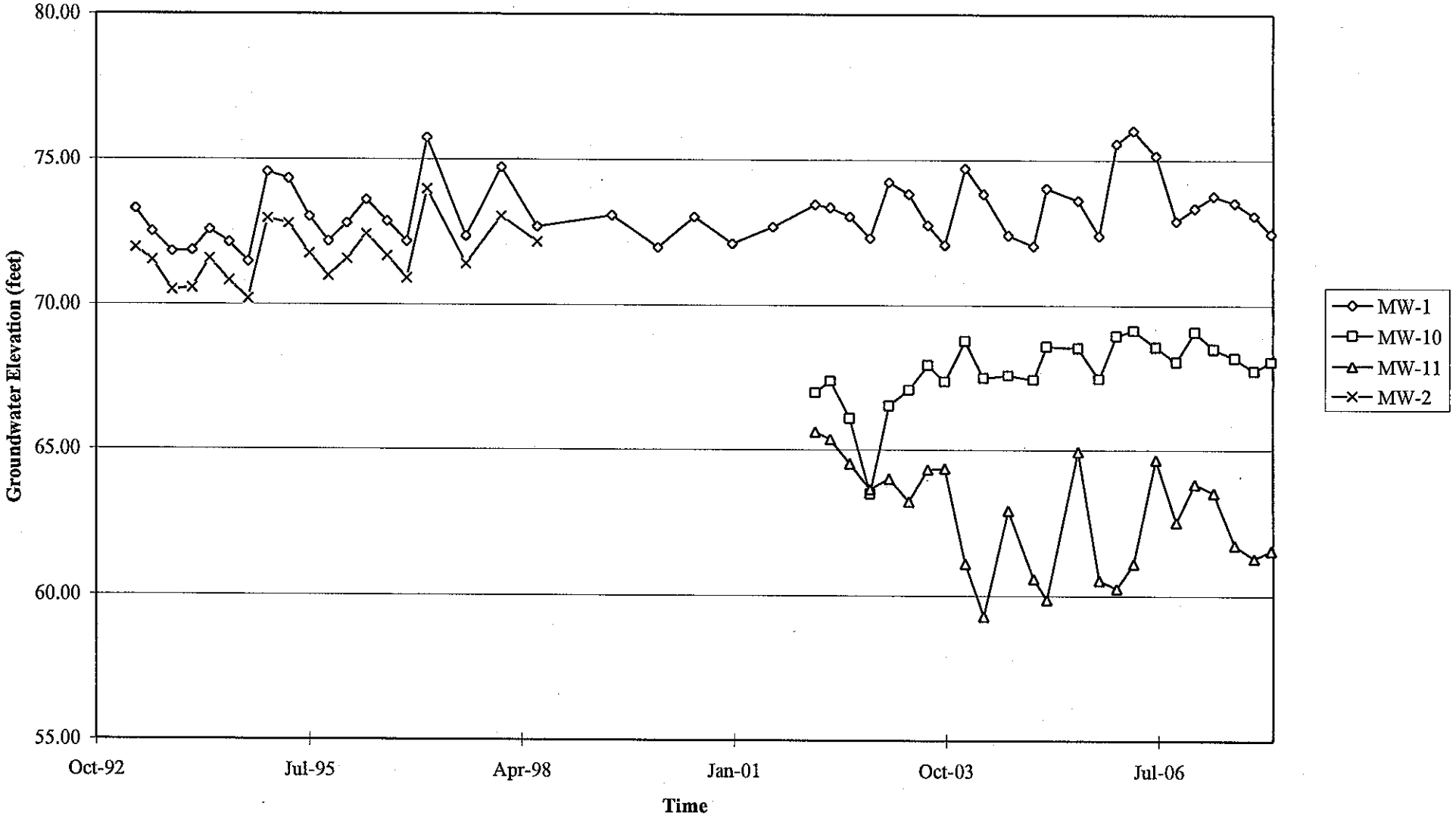
DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 17, 2007

FIGURE 5

MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+\1871QMS(NEW).DWG Jan 10, 2008 - 9:58am cvuong

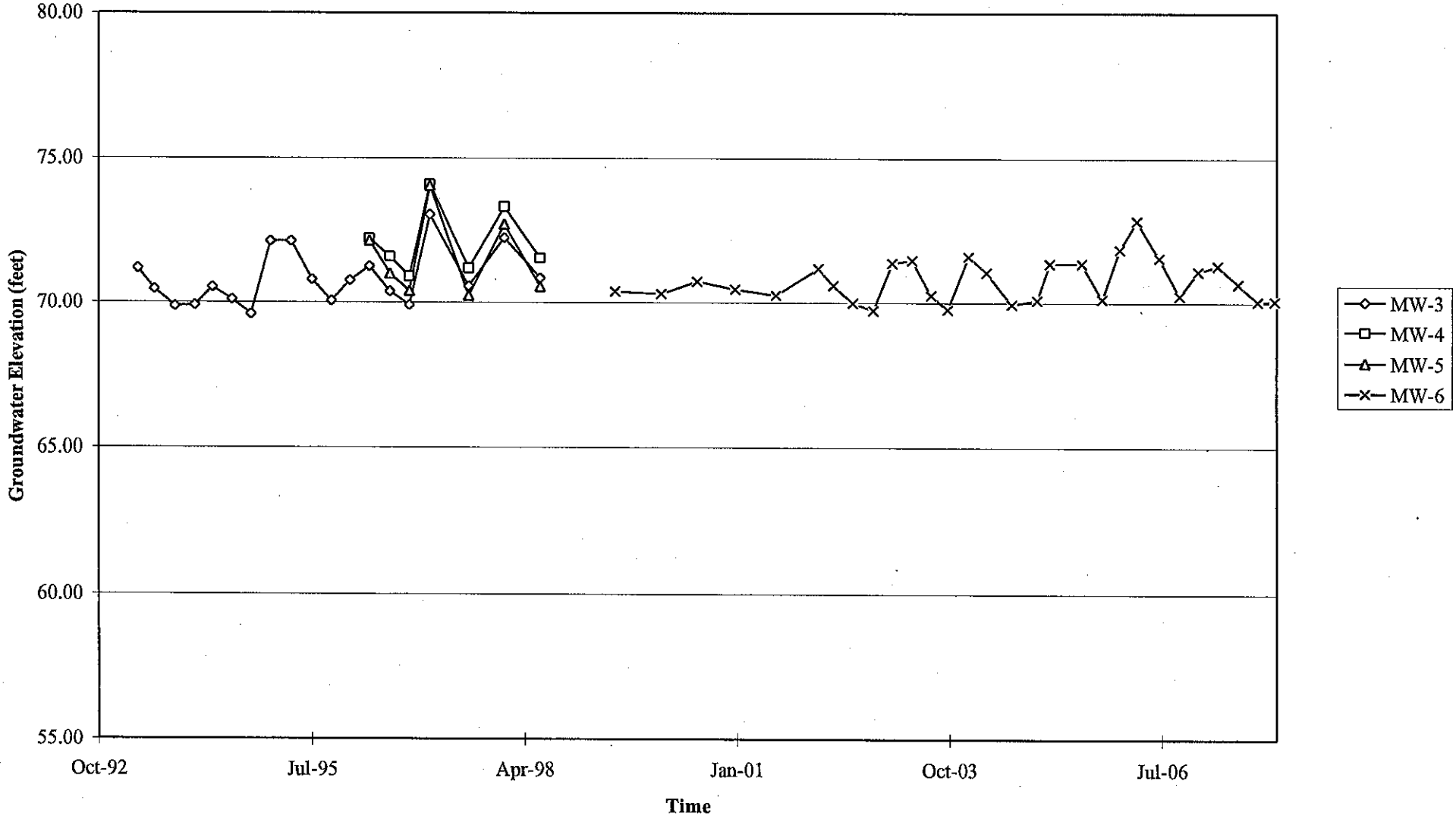
GRAPHS

Groundwater Elevations vs. Time
76 Station 1871



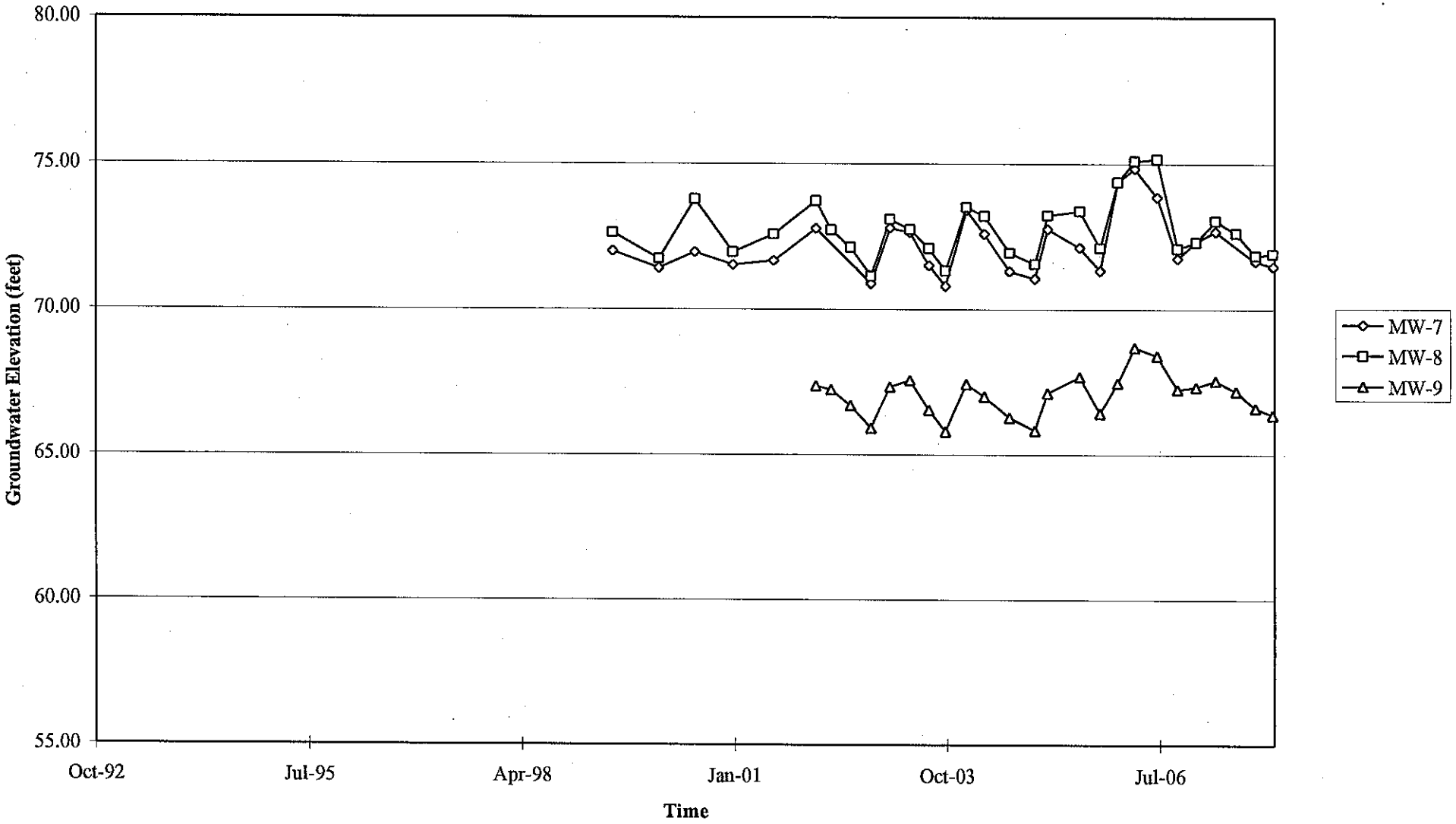
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1871



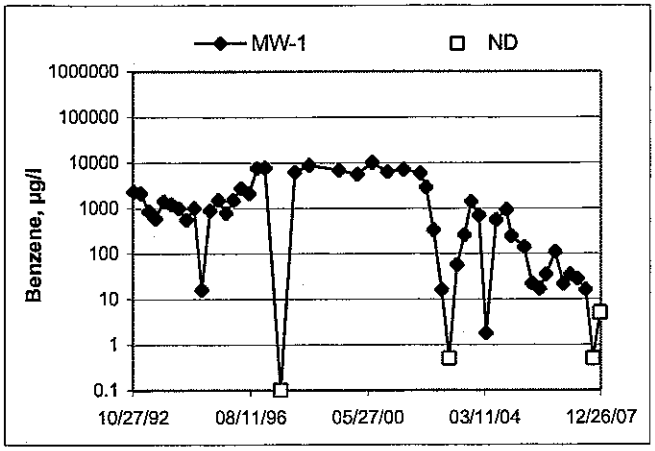
Elevations may have been corrected for apparent changes due to resurvey

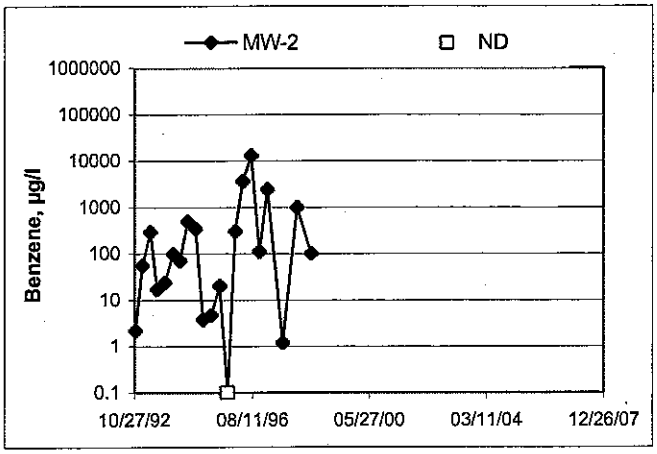
Groundwater Elevations vs. Time
76 Station 1871

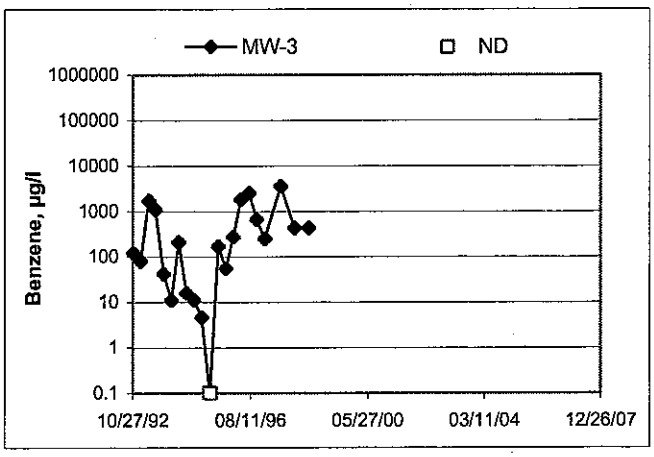


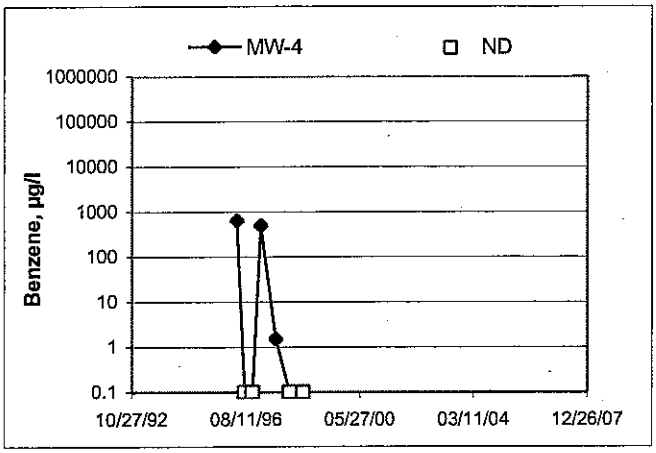
Elevations may have been corrected for apparent changes due to resurvey

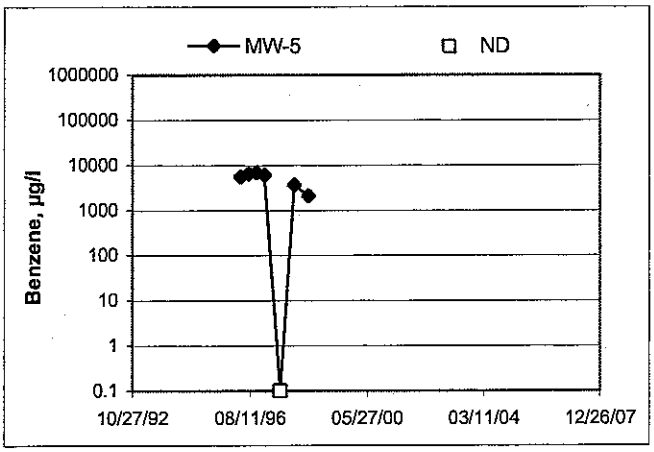
Benzene Concentrations vs Time
76 Station 1871

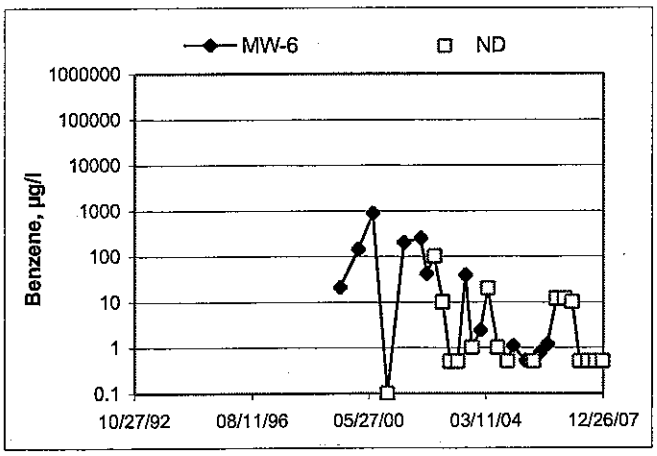


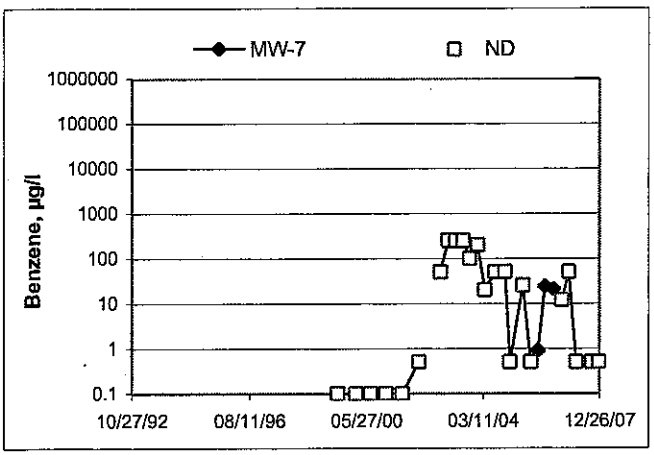


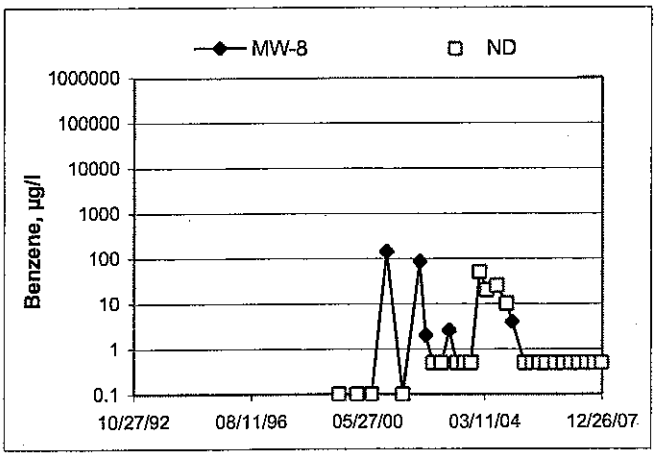




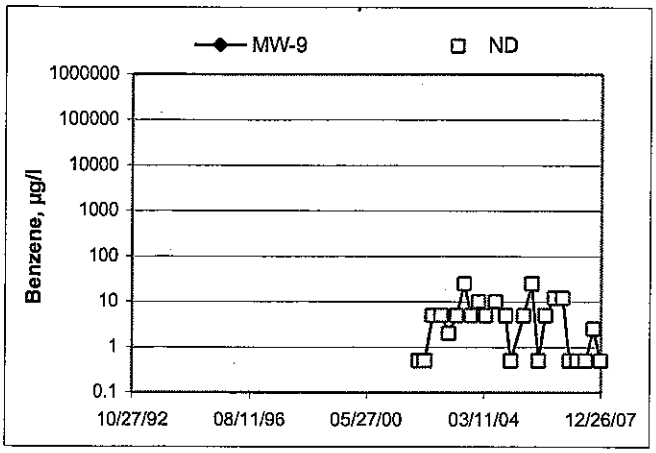


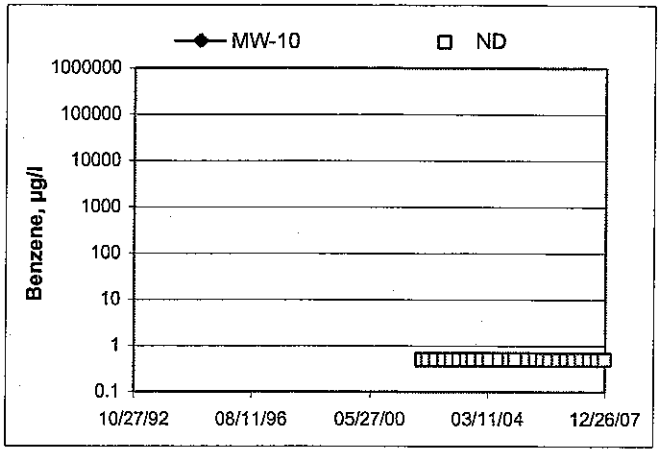


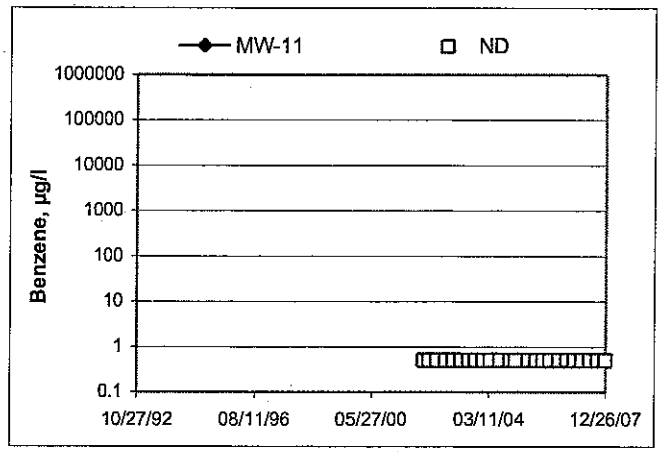




Benzene Concentrations vs Time
76 Station 1871







GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Rick R. Job #/Task #: 154771/FA20 Date: 12/17/07

Site # 1871 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-6	0637	✓	21.50	9.62	—	—	1025	2"
MW-11	0750	✓	29.80	15.75	—	—	1050	2"
MW-1	0646	✓	21.00	14.57	—	—	1040	4"
MW-10	0657	✓	19.97	6.92	—	—	1128	2"
MW-8	0707	✓	24.27	9.81	—	—	1145	2"
MW-7	—	—	—	—	—	—	N/S	INACCESSIBLE
MW-9	0717	✓	19.82	15.72	—	—	1105	2"

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

FIELD MONITORING DATA SHEET

Technician: Rick L. Job #/Task #: 154771/1120 Date: 12/19/07

Site # 1871 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-7	0940	✓	24.30	9.23	—	—		2"

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No.: 154771 Date: 12/17/07

Well No. MW-6 Purge Method: DIA

Depth to Water (feet): 9.62 Depth to Product (feet): —

Total Depth (feet) 24.50 LPH & Water Recovered (gallons): —

Water Column (feet): 14.88 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.30 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0853			2	1062.9	18.0	7.16	9.38	-23	
			4	1039.9	18.5	7.13	10.01	-19	
	0836		6	1066.4	19.0	7.08	10.19	-14	

Static at Time Sampled	Total Gallons Purged	Sample Time
9.82	6	1025

Comments: FUEL TRUCK ON SITE.

Well No. MW-11 Purge Method: DIA

Depth to Water (feet): 15.75 Depth to Product (feet): —

Total Depth (feet) 29.80 LPH & Water Recovered (gallons): —

Water Column (feet): 14.05 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.56 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0848			2	2652	15.1	6.95	8.01	47	
			4	2606	15.3	6.96	8.68	46	
	0850		6	2642	15.7	6.95	8.71	46	

Static at Time Sampled	Total Gallons Purged	Sample Time
18.90	6	1050

Comments: TOO MUCH TRAFFIC TO ACCESS WELL SAFELY. DID NOT RECOVER IN 2 HRS.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No.: 154771 Date: 12/17/07

Well No. MW-1 Purge Method: DIA

Depth to Water (feet): 14.57 Depth to Product (feet): —

Total Depth (feet) 24.00 LPH & Water Recovered (gallons): —

Water Column (feet): 9.43 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.46 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0814			~~2~~ 6	500.3	17.8	7.68	6.51	-63	
			~~4~~ 12	473.5	19.1	7.08	6.28	-60	
	0822		~~6~~ 18	455.2	19.2	6.88	9.74	-46	

Static at Time Sampled	Total Gallons Purged	Sample Time
17.59	18	1040

Comments: WELL WENT DRY @ 18 GALS. DID NOT RECOVER IN 2HRS.

Well No. MW-10 Purge Method: DIA

Depth to Water (feet): 6.93 Depth to Product (feet): —

Total Depth (feet) 19.97 LPH & Water Recovered (gallons): —

Water Column (feet): 13.05 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 9.53 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0926			2	646.9	14.8	7.33	4.46	-75	
			4	661.5	15.3	7.22	4.39	-11	
	0928		6	648.4	15.6	7.15	4.97	-2	

Static at Time Sampled	Total Gallons Purged	Sample Time
12.70	6	1128

Comments: WELL DRY @ 6 GALS. DID NOT RECOVER IN 2 HRS.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R

Site: 1871 Project No.: 154771 Date: 12/17/07

Well No. MW-8 Purge Method: DIA

Depth to Water (feet): 9.81 Depth to Product (feet): —

Total Depth (feet) 24.27 LPH & Water Recovered (gallons): —

Water Column (feet): 14.46 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.70 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0942			2	560.3	17.1	7.21	5.26	26	
			4	555.5	18.2	7.03	5.17	25	
	0944		6	547.3	18.7	6.99	5.12	24	

Static at Time Sampled	Total Gallons Purged	Sample Time
10.38	6	1145

Comments:

Well No. MW-7 Purge Method: —

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

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

Water Column (feet): — Casing Diameter (Inches): —

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time
—	—	N/S

Comments: INACCESSIBLE

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No.: 154771 Date: 12/17/07

Well No. MW-9 Purge Method: ~~DTA~~ RR HB

Depth to Water (feet): 15.72 Depth to Product (feet): —

Total Depth (feet) 19.82 LPH & Water Recovered (gallons): —

Water Column (feet): 4.10 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.54 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0908			1	589.2	15.0	7.65	4.81	-27	
			2	581.5	15.7	7.39	4.96	-29	
	0915		3	579.3	16.0	7.10	5.05	-35	

Static at Time Sampled	Total Gallons Purged	Sample Time
15.81	3	1105

Comments: WELL DRY AT 3 GALS.

Well No. _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet) _____ LPH & Water Recovered (gallons): _____

Water Column (feet): _____ Casing Diameter (Inches): _____

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No.: 154771 Date: 12/19/07

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 9.23 Depth to Product (feet): —

Total Depth (feet) 24.30 LPH & Water Recovered (gallons): —

Water Column (feet): 15.07 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.24 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0551			2	594.9	19.1	7.02	6.72	-17	
			4	588.8	19.7	6.80	6.68	-16	
	0600		6	591.1	19.7	6.70	6.70	-13	

Static at Time Sampled	Total Gallons Purged	Sample Time
11.78	6	0610

Comments:

Well No. _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet) _____ LPH & Water Recovered (gallons): _____

Water Column (feet): _____ Casing Diameter (Inches): _____

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 12/17/07 STATION NUMBER: 1871

NAME OF TECH: Rick R. CALLED GORDON: _____

CALLED PM: X NAME OF PM CALLED: A. Collins

WELL NUMBER: MW-7 STATEMENT FROM PM _____ OR TECH X

CAR PARKED OVER WELL.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

PAGE _____

BC LABORATORIES, INC.

Date of Report: 12/27/2007

Anju Farfan

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

RE: 1871
BC Work Order: 0714988

Enclosed are the results of analyses for samples received by the laboratory on 12/17/2007 21:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers
Contact Person: Molly Meyers
Client Service Rep

Steven Bennett
Authorized Signature

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0714988-01	COC Number:	---	Receive Date:	12/17/2007 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	12/17/2007 10:25	Global ID: T0600101493
	Sampling Location:	MW-6	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-6	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0714988-02	COC Number:	---	Receive Date:	12/17/2007 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	12/17/2007 10:50	Global ID: T0600101493
	Sampling Location:	MW-11	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-11	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0714988-03	COC Number:	---	Receive Date:	12/17/2007 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	12/17/2007 10:40	Global ID: T0600101493
	Sampling Location:	MW-1	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-1	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0714988-04	COC Number:	---	Receive Date:	12/17/2007 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	12/17/2007 11:28	Global ID: T0600101493
	Sampling Location:	MW-10	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-10	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0714988-05	COC Number:	---	Receive Date:	12/17/2007 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	12/17/2007 11:45	Global ID: T0600101493
	Sampling Location:	MW-8	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-8	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0714988-06	**COC Number:**	---	**Receive Date:**	12/17/2007 21:20	Delivery Work Order:	
	Project Number:	1871	**Sampling Date:**	12/17/2007 11:05	Global ID: T0600101493	
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Samle QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	

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21 Technology Drive
Irvine, CA 92618-2302

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-01 | **Client Sample Name:** 1871, MW-6, MW-6, 12/17/2007 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Methyl t-butyl ether	21	ug/L	0.50		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117		
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:05	MWB	HPCHEM	1	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-02 | **Client Sample Name:** 1871, MW-11, MW-11, 12/17/2007 10:50:00AM

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	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Total Xylenes	1.0	ug/L	1.0		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	76 - 114	(LCL - UCL)	EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117		
Toluene-d8 (Surrogate)	101	%	88 - 110	(LCL - UCL)	EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117		
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115	(LCL - UCL)	EPA-8260	12/20/07	12/20/07 19:53	MWB	MS-V13	1	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-03 | **Client Sample Name:** 1871, MW-1, MW-1, 12/17/2007 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	ND	ug/L	5.0		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Ethylbenzene	71	ug/L	5.0		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Methyl t-butyl ether	18	ug/L	5.0		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Total Xylenes	160	ug/L	10		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Ethanol	ND	ug/L	2500		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
Total Purgeable Petroleum Hydrocarbons	4700	ug/L	500		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:40	MWB	HPCHEM	10	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-04 | **Client Sample Name:** 1871, MW-10, MW-10, 12/17/2007 11:28:00AM

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	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Methyl t-butyl ether	5.6	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117		
Toluene-d8 (Surrogate)	98.3	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117		
4-Bromofluorobenzene (Surrogate)	114	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:11	MWB	MS-V13	1	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-05 | **Client Sample Name:** 1871, MW-8, MW-8, 12/17/2007 11:45:00AM

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	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Methyl t-butyl ether	16	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/20/07 20:29	MWB	MS-V13	1	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0714988-06 | **Client Sample Name:** 1871, MW-9, MW-9, 12/17/2007 11:05:00AM

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	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	
Methyl t-butyl ether	480	ug/L	5.0		EPA-8260	12/20/07	12/21/07 11:58	MWB	HPCHEM	10	BQL1117	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	
Total Purgeable Petroleum Hydrocarbons	190	ug/L	50		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117	ND	A90
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117		
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:58	MWB	HPCHEM	10	BQL1117		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:58	MWB	HPCHEM	10	BQL1117		
4-Bromofluorobenzene (Surrogate)	114	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 11:58	MWB	HPCHEM	10	BQL1117		
4-Bromofluorobenzene (Surrogate)	111	%	86 - 115 (LCL - UCL)		EPA-8260	12/20/07	12/21/07 12:33	MWB	HPCHEM	1	BQL1117		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

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	BQL1117	Matrix Spike	0714775-16	0	27.760	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0714775-16	0	28.690	25.000	ug/L	3.5	115	20	70 - 130	
Toluene	BQL1117	Matrix Spike	0714775-16	0	27.260	25.000	ug/L		109		70 - 130	
		Matrix Spike Duplicate	0714775-16	0	27.990	25.000	ug/L	2.7	112	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQL1117	Matrix Spike	0714775-16	ND	10.600	10.000	ug/L		106		76 - 114	
		Matrix Spike Duplicate	0714775-16	ND	10.940	10.000	ug/L		109		76 - 114	
Toluene-d8 (Surrogate)	BQL1117	Matrix Spike	0714775-16	ND	10.380	10.000	ug/L		104		88 - 110	
		Matrix Spike Duplicate	0714775-16	ND	10.390	10.000	ug/L		104		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQL1117	Matrix Spike	0714775-16	ND	9.4800	10.000	ug/L		94.8		86 - 115	
		Matrix Spike Duplicate	0714775-16	ND	9.4300	10.000	ug/L		94.3		86 - 115	

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

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	BQL1117	BQL1117-BS1	LCS	28.350	25.000	1.0	ug/L	113		70 - 130		
Toluene	BQL1117	BQL1117-BS1	LCS	27.630	25.000	1.0	ug/L	111		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQL1117	BQL1117-BS1	LCS	11.120	10.000		ug/L	111		76 - 114		
Toluene-d8 (Surrogate)	BQL1117	BQL1117-BS1	LCS	10.540	10.000		ug/L	105		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQL1117	BQL1117-BS1	LCS	9.2500	10.000		ug/L	92.5		86 - 115		

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Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/27/2007 14:37

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	BQL1117	BQL1117-BLK1	ND	ug/L	1.0		
Ethylbenzene	BQL1117	BQL1117-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BQL1117	BQL1117-BLK1	ND	ug/L	2.0		
Toluene	BQL1117	BQL1117-BLK1	ND	ug/L	1.0		
Total Xylenes	BQL1117	BQL1117-BLK1	ND	ug/L	1.0		
Ethanol	BQL1117	BQL1117-BLK1	ND	ug/L	1000		
Total Purgeable Petroleum Hydrocarbons	BQL1117	BQL1117-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQL1117	BQL1117-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQL1117	BQL1117-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQL1117	BQL1117-BLK1	108	%	86 - 115 (LCL - UCL)		

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TRC Alton Geoscience	Project: 1871	**Reported:** 12/27/2007 14:37
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	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.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

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BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 1 Of 1

Submission #: 0714988 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID RV Emissivity 0.98
Temperature: 3.1 °C Container VOA
Thermometer ID: IR98

Date/Time 12/18/02 2000
Analyst Init ALM

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

mments:_____

mple Numbering Completed By: CRL Date/Time: 12/18/02 1827

07-14988

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 96 MACARTHUR BLVD	**21 Technology Drive** **Irvine, CA 92618-2302** **Attn: Anju Farfan**
City: OAKLAND	**4-digit site#:** 1871 **Workorder #**
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: Bill Borgh	**Sampler Name:** Rick R.

MATRIX
(GW) Groundwater
(S) Soil
(WW) Wastewater
(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				Turnaround Time Requested
-1		MW-6	12/7/07-1025	GW					X	X	X				STD
-2		MW-11	1050												
-3		MW-1	1040												
-4		MW-10	1128												
-5		MW-8	1145												
-6		MW-9	1105												

CHK BY ALN DISTRIBUTION SHIP-OUT

Comments:

GLOBAL ID: T0600101493

Relinquished by: (Signature)	Received by: REFRIGERATED	Date & Time 12/7/07 – 1230
Relinquished by: (Signature)	Received by: Ross Dickey	Date & Time 12/7/07 1620
Relinquished by: (Signature) Ross Dickey 12/7/07	Received by: R Reynolds	Date & Time 12-7-07 1815

D Reynolds 12-7-07 2120 12/8/07 0120

BC LABORATORIES, INC.

Date of Report: 01/03/2008

Anju Farfan

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

RE: 1871
BC Work Order: 0715259

Enclosed are the results of analyses for samples received by the laboratory on 12/19/2007 20:45. 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

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 1871 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 01/03/2008 16:11

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0715259-01	**COC Number:**	---	**Receive Date:**	12/19/2007 20:45	Delivery Work Order:
	Project Number:	1871	**Sampling Date:**	12/19/2007 06:10	Global ID: T0600101493
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/03/2008 16:11

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0715259-01 | **Client Sample Name:** 1871, MW-7, MW-7, 12/19/2007 6:10:00AM

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	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Methyl t-butyl ether	5.2	ug/L	0.50		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.0	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516		
4-Bromofluorobenzene (Surrogate)	96.7	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/07	12/28/07 14:26	ANO	MS-V4	1	BQL1516		

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/03/2008 16:11

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	BQL1516	Matrix Spike	0715259-01	0	23.280	25.000	ug/L		93.1		70 - 130	
		Matrix Spike Duplicate	0715259-01	0	24.510	25.000	ug/L	5.1	98.0	20	70 - 130	
Toluene	BQL1516	Matrix Spike	0715259-01	0.19000	22.780	25.000	ug/L		90.4		70 - 130	
		Matrix Spike Duplicate	0715259-01	0.19000	23.470	25.000	ug/L	2.9	93.1	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQL1516	Matrix Spike	0715259-01	ND	11.080	10.000	ug/L		111		76 - 114	
		Matrix Spike Duplicate	0715259-01	ND	11.100	10.000	ug/L		111		76 - 114	
Toluene-d8 (Surrogate)	BQL1516	Matrix Spike	0715259-01	ND	10.240	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0715259-01	ND	10.320	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQL1516	Matrix Spike	0715259-01	ND	9.9600	10.000	ug/L		99.6		86 - 115	
		Matrix Spike Duplicate	0715259-01	ND	10.130	10.000	ug/L		101		86 - 115	

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/03/2008 16:11

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	BQL1516	BQL1516-BS1	LCS	22.320	25.000	0.50	ug/L	89.3		70 - 130		
Toluene	BQL1516	BQL1516-BS1	LCS	21.710	25.000	0.50	ug/L	86.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQL1516	BQL1516-BS1	LCS	10.840	10.000		ug/L	108		76 - 114		
Toluene-d8 (Surrogate)	BQL1516	BQL1516-BS1	LCS	10.310	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQL1516	BQL1516-BS1	LCS	10.150	10.000		ug/L	102		86 - 115		

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/03/2008 16:11

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	BQL1516	BQL1516-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQL1516	BQL1516-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQL1516	BQL1516-BLK1	ND	ug/L	0.50		
Toluene	BQL1516	BQL1516-BLK1	ND	ug/L	0.50		
Total Xylenes	BQL1516	BQL1516-BLK1	ND	ug/L	1.0		
Ethanol	BQL1516	BQL1516-BLK1	ND	ug/L	1000		
Total Purgeable Petroleum Hydrocarbons	BQL1516	BQL1516-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQL1516	BQL1516-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQL1516	BQL1516-BLK1	104	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQL1516	BQL1516-BLK1	99.1	%	86 - 115 (LCL - UCL)		

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

Project: 1871
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/03/2008 16:11

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

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 1 Of 2

Submission #: 0715259 Project Code: Batch #:

SHIPPING INFORMATION
Federal Express ☐ UPS ☑ Hand Delivery ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID: [illegible] Temperature: 3.7 °C Thermometer ID: 46

Emissivity 1.0 Container [illegible]

Date/Time 12/18/7 Analyst Init [illegible]

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

Comments:_____

Sample Numbering Completed By: [illegible] Date/Time: 12/24 07 123

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

CHAIN OF CUSTODY

0715259

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 96 MACARTHUR BLVD.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: OAKLAND	**4-digit site#:** 1871 **Workorder #**
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: Bill Borght	**Sampler Name:** Rick R.

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE by 8260B	ETHANOL by 8260B	TPH –G by GC/MS				Turnaround Time Requested
		-1 MW-7	12/19/07-0610	GW					X	X	X				STD

CHK BY MW

DISTRIBUTION STATE SUB-OUT

Comments:

GLOBAL ID: T0600101493

Relinquished by: (Signature)	Received by: REFRIGERATOR	Date & Time 12/19/07-1230
Relinquished by: (Signature)	Received by: Ross Dickey	Date & Time 12/19/07 1410
Relinquished by: (Signature) Ross Dickey 12/19/07	Received by: R Reynolds	Date & Time 12-19-07 1740

R Reynolds 12-19-07 2045 Clarus 12/19/7 2045

STATEMENTS

Purge Water Disposal

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

Limitations

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