ConocoPhillips
76 Broadway
Sacramento, California 95818

April 13, 2009

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

Re: ***Quarterly Summary Report—First Quarter 2009***
76 Service Station # 1871 RO # 0455
96 MacArthur Blvd
Oakland, CA

Dear Ms. Jakub:

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

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

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

April 13, 2009

Ms. Barbara J. Jakub
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Quarterly Summary Report – First Quarter 2009
76 Service Station No. 1871, RO#0455
96 MacArthur Boulevard
Oakland, California

DELTA

Dear Ms. Jakub,

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

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

Sincerely,

Delta Consultants

PROFESSIONAL GEOLOGIST
JOHN REAY
NO. 7716
STATE OF CALIFORNIA

John Reay, P.G.
Senior Project Manager

Enclosure

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

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

QUARTERLY SUMMARY REPORT
First Quarter 2009

76 Service Station No. 1871, RO#0455
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 one-quarter mile distance 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 March 24, 2009 reported depth to groundwater ranged from 6.41 feet (MW-10) to 15.58 feet (MW-11) below top of casing (TOC).

The groundwater flow direction was reported south at a gradient of 0.05. This is consistent with a gradient of 0.05 southwest during the previous sampling event (9/25/2008). Reported historical groundwater flow direction has been strongly to the southwest.

Dissolved groundwater concentrations are reported as follows.

TPH-G was detected in four of the seven sampled wells with a maximum concentration of 3,500 µg/L (MW-1). This is an increase from the maximum concentration of 3,200 µg/L, reported in the sample from well MW-1 during the previous sampling event. MW-

6, MW-7, and MW-9 showed concentrations of 73 µg/L, 98 µg/L, and 120 µg/L respectively during the current sampling event.

Benzene was detected in two of the seven sampled wells with a maximum concentration of 6.8 µg/L in the sample from well MW-1. This is a increase from the maximum concentration of 2.5 µg/L in MW-1 during the previous sampling event. Benzene concentrations have been decreasing steadily since the start of the ozone injection system in 2003, from a maximum detected concentration of 7,700 µg/L in 1997 to the currently detected concentration of 6.8 µg/L for this sampling event. MW-7 showed a concentration of 0.7 µg/L during the current sampling event.

Ethylbenzene was detected in one of the seven wells with a maximum concentration of 140 µg/L in MW-1. This is an increase from a maximum concentration of 100 µg/L in MW-1during the previous sampling event.

Total Xylenes were detected in one of the seven wells with a maximum concentration of 140 µg/L in MW-1. This is a decrease from a maximum concentration of 150 µg/L in MW-1 during the previous sampling event.

MTBE was detected in five of the seven sampled wells with a maximum concentration of 180 µg/L (MW-9). This is a decrease from a maximum concentration of 320 µg/L in the sample from well MW-9 during the previous sampling event. MTBE concentrations have shown steady decrease in all wells monitored with exception of MW-9 which has shown no clear trend and MW-10 which has shown low concentrations since 2006. MW-1, MW-6, MW-7, and MW-8 showed concentrations of 28 µg/L, 10 µg/L, 9.2 µg/L, and 4.4 µg/L respectively during the current sampling event.

TBA was detected in two of the seven wells at a maximum concentration of 390 µg/L in MW-1. This is a decrease from a maximum concentration of 400 µg/L in MW-1 during the previous sampling event. MW-9 showed a concentration of 24 µg/L during the current sampling event.

REMEDIATION STATUS

April 2002: GR installed an ozone sparge 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 209 pounds of ozone have been injected.

CHARACTERIZATION STATUS

Soil samples have shown maximum TPH-G, benzene, and MTBE concentrations of 7,400 mg/kg, 3.1 mg/kg and 1 mg/kg, respectively. During the most recent monitoring and sampling event, the maximum TPH-G and MTBE concentrations were 2200 µg/L (MW-1) and 320 µg/L (MW-9).

As noted, an ozone sparge was activated on April 8, 2002. At that time one monitoring well (MW-1) was onsite; monitoring wells MW-2 through MW-5 had been destroyed. Ozone sparging initially had some definite effect on lowering petroleum hydrocarbon concentrations in groundwater, especially evidenced in the TPH-G concentrations in

MW-1. Concentrations of TPH-G have been steady to decreasing in all wells monitored since activation of the ozone sparge system, Attachment A.

Downgradient offsite migration of MTBE is evident based on the historical analytical results of groundwater samples from monitoring wells MW-6, MW-7, and MW-8, located adjacent to the site, and MW-9, located more than 150 feet, and cross groundwater gradient, from the onsite source. With the exception of MW-9, MTBE concentrations are noted to be steadily decreasing in all wells monitored since the activation of the ozone sparge system, Attachment B. Assessment of downgradient migration of MTBE, e.g., rate of migration, has not yet been addressed.

RECENT CORRESPONDENCE

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

THIS QUARTER ACTIVITIES (First Quarter 2009)

- Delta prepared the *Quarterly Status Report, First Quarter 2009*, dated April 13, 2009.
- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on March 24, 2009.
- TRC prepared *Quarterly Monitoring Report, January through March 2009* on April 10, 2009.

NEXT QUARTER ACTIVITIES (Second Quarter 2009)

- TRC will perform the second quarter 2009 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: April 10, 2009

TO: Delta Consultants
1150 White Rock Road, Suite 110
Rancho Cordova, CA 95670

ATTN: MR. JOHN REAY

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2009

This Quarterly Monitoring Report for 76 Station 1871 is being sent to you for your review and comment. If no comments are received by **April 17, 2009** copies of this report will be sent to you for distribution.

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC

Christina Carrillo
Technical Writer

TRC

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: April 10, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. TERRY GRAYSON

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2009

Dear Mr. Grayson:

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. John Reay, Delta Consultants (3 copies)

Enclosures
20-0400/1871R22 QMS

QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2009

76 STATION 1871
96 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations

Date: 4/9/09

PROFESSIONAL GEOLOGIST
DENNIS E. JENSEN
No 3531
STATE OF CALIFORNIA

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time TPH-G Concentrations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 03/24/09 Groundwater Sampling Field Notes – 03/24/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2009 through March 2009
76 Station 1871
96 MacArthur Boulevard
Oakland, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **03/24/09**

Sample Points

Groundwater wells: **1** onsite, **6** offsite Points gauged: **7** Points sampled: **7**
Purging method: **Bailer/submersible pump**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.41 feet** Maximum: **15.58 feet**
Average groundwater elevation (relative to available local datum): **69.89 feet**
Average change in groundwater elevation since previous event: **0.91 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.05 ft/ft, south**
Previous event: **0.03 ft/ft, southwest (12/30/08)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **2** Sample Points above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **6.8 µg/l (MW-1)**

Sample Points with **TPH-G by GC/MS** **4** Maximum: **3,500 µg/l (MW-1)**
Sample Points with **MTBE 8260B** **5** Maximum: **180 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)
D	=	duplicate
P	=	no-purge sample

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.

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 8015 (Luft)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	TBA	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 8015 (Luft)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
Table 2b	Well/ Date	Post-purge ORP											

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 24, 2009

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 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 9.5-24.5)**											
03/24/09	86.99	12.76	0.00	74.23	1.40	--	3500	6.8	ND<0.50	140	140	--	28	
MW-6			**(Screen Interval in feet: 5.0-25.0)**											
03/24/09	79.67	8.02	0.00	71.65	0.94	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
MW-7			**(Screen Interval in feet: 5.0-25.0)**											
03/24/09	80.67	7.73	0.00	72.94	1.26	--	98	0.50	ND<0.50	ND<0.50	ND<1.0	--	9.2	
MW-8			**(Screen Interval in feet: 5.0-25.0)**											
03/24/09	81.71	8.43	0.00	73.28	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.4	
MW-9			**(Screen Interval in feet:--)**											
03/24/09	82.07	15.23	0.00	66.84	0.93	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	180	
MW-10			**(Screen Interval in feet:--)**											
03/24/09	74.98	6.41	0.00	68.57	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11			**(Screen Interval in feet:--)**											
03/24/09	77.31	15.58	0.00	61.73	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-1						
03/24/09	390	ND<250	1.60	1.31	-29	-32
MW-6						
03/24/09	ND<10	ND<250	1.79	1.87	104	91
MW-7						
03/24/09	ND<10	ND<250	2.70	2.39	159	138
MW-8						
03/24/09	ND<10	ND<250	2.07	1.87	103	109
MW-9						
03/24/09	24	ND<250	2.80	2.69	66	58
MW-10						
03/24/09	ND<10	ND<250	4.37	4.07	144	160
MW-11						
03/24/09	ND<10	ND<250	2.27	2.20	185	190

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 9.5-24.5)**											
11/03/92	--	--	--	--	--	260000	--	2300	4600	3700	17000	--	--	
01/25/93	81.18	--	0.00	--	--	120000	--	2100	4600	4900	22000	--	--	
04/29/93	81.18	13.71	0.00	67.47	--	100000	--	850	2000	4300	19000	--	--	
07/16/93	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	--	--	
01/20/94	81.18	15.17	0.00	66.01	0.03	92000	--	1200	3000	3400	17000	--	--	
04/13/94	81.18	14.44	0.00	66.74	0.73	51000	--	1000	2600	3200	15000	--	--	
07/13/94	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	--	--	
01/10/95	81.18	12.44	0.00	68.74	3.11	810	--	16	18	59	250	--	--	
04/17/95	81.18	12.68	0.00	68.50	-0.24	48000	--	880	530	2500	11000	--	--	
07/24/95	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	--	
01/18/96	81.18	14.21	0.00	66.97	0.64	30000	--	1500	500	3500	13000	2400	--	
04/18/96	86.24	13.40	0.00	72.84	5.87	66000	--	2700	2200	3100	13000	57000	--	
07/24/96	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	--	
01/28/97	86.24	11.25	0.00	74.99	3.60	94000	--	7700	19000	3100	15000	120000	--	
07/29/97	86.24	14.67	0.00	71.57	-3.42	ND	--	ND	ND	ND	ND	70000	--	
01/14/98	86.24	12.27	0.00	73.97	2.40	85000	--	6100	10000	3000	17000	110000	--	
07/01/98	86.24	14.32	0.00	71.92	-2.05	110000	--	8700	12000	2700	15000	110000	--	
06/18/99	86.24	13.93	0.00	72.31	0.39	49000	--	6900	6500	380	12000	72000	47000	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
01/21/00	86.24	15.05	0.00	71.19	-1.12	63700	--	5520	2000	2640	13100	57100	--	
07/10/00	86.24	13.97	0.00	72.27	1.08	67800	--	9910	4120	3330	16100	67400	54000	
01/04/01	86.24	14.92	0.00	71.32	-0.95	63900	--	6270	784	2670	12900	--	38100	
07/16/01	86.24	14.32	0.00	71.92	0.60	66000	--	7100	330	2300	9800	36000	41000	
01/31/02	86.99	13.54	0.00	73.45	1.53	42000	--	5800	1800	2000	8200	26000	26000	
04/11/02	86.99	13.64	0.00	73.35	-0.10	58000	--	2900	1200	1800	10000	19000	--	
07/11/02	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	
01/14/03	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	
04/16/03	86.99	13.18	0.00	73.81	-0.41	--	510	57	0.62	29	61	--	160	
07/16/03	86.99	14.26	0.00	72.73	-1.08	--	27000	260	23	730	3200	--	1200	
10/02/03	86.99	14.95	0.00	72.04	-0.69	--	45000	1400	32	2900	7600	--	3200	
01/07/04	86.99	12.30	0.00	74.69	2.65	--	34000	690	41	1600	5200	--	2600	
04/02/04	86.99	13.18	0.00	73.81	-0.88	--	350	1.8	ND<0.50	6.2	30	--	19	
07/29/04	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	
01/24/05	86.99	12.98	0.00	74.01	2.00	--	24000	240	ND<20	1100	3600	--	1800	
06/23/05	86.99	13.39	0.00	73.60	-0.41	--	24000	140	ND<25	1100	2900	--	600	
09/28/05	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	
03/10/06	86.99	10.98	0.00	76.01	0.44	--	10000	35	ND<5.0	470	1300	--	960	
06/23/06	86.99	11.85	0.00	75.14	-0.87	--	11000	110	ND<5.0	610	1600	--	780	
09/27/06	86.99	14.11	0.00	72.88	-2.26	--	8500	22	ND<10	270	740	--	460	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
12/22/06	86.99	13.66	0.00	73.33	0.45	--	7300	35	ND<5.0	370	850	--	210	
03/23/07	86.99	13.25	0.00	73.74	0.41	--	8800	28	ND<2.5	440	910	--	170	
06/29/07	86.99	13.47	0.00	73.52	-0.22	--	6300	16	ND<2.5	300	650	--	50	
09/28/07	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	
03/25/08	86.99	13.56	0.00	73.43	1.01	--	7400	28	ND<2.5	430	540	--	170	
06/12/08	86.99	14.07	0.00	72.92	-0.51	--	4900	6.4	ND<2.5	170	280	--	16	
09/25/08	86.99	14.55	0.00	72.44	-0.48	--	2200	2.1	ND<0.50	72	110	--	11	
12/30/08	86.99	14.16	0.00	72.83	0.39	--	3200	2.5	ND<0.50	100	150	--	8.3	
03/24/09	86.99	12.76	0.00	74.23	1.40	--	3500	6.8	ND<0.50	140	140	--	28	
MW-2			**(Screen Interval in feet: --)**											
11/03/92	76.61	--	--	--	--	140	--	2.2	ND	ND	2.0	--	--	
01/25/93	76.61	--	--	--	--	2100	--	56	1.1	90	140	--	--	
04/29/93	76.61	9.73	0.00	66.88	--	1500	--	290	ND	33	11	--	--	
07/16/93	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	--	--	
01/20/94	76.61	11.12	0.00	65.49	0.06	820	--	97	ND	12	ND	--	--	
04/13/94	76.61	10.12	0.00	66.49	1.00	550	--	71	ND	5.1	1.3	--	--	
07/13/94	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	--	--	
01/10/95	76.61	8.71	0.00	67.90	2.77	850	--	3.8	ND	8.5	1.3	--	--	
04/17/95	76.61	8.90	0.00	67.71	-0.19	1300	--	4.7	ND	8.3	1.2	--	--	
07/24/95	76.61	9.94	0.00	66.67	-1.04	960	--	20	ND	4.2	6.2	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
10/23/95	76.61	10.70	0.00	65.91	-0.76	ND	--	ND	ND	ND	ND	19	--	
01/18/96	76.61	10.11	0.00	66.50	0.59	900	--	300	86	7.6	18	4300	--	
04/18/96	81.66	9.27	0.00	72.39	5.89	18000	--	3600	680	890	4100	19000	--	
07/24/96	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	--	
01/28/97	81.66	7.70	0.00	73.96	3.08	45000	--	2400	2900	2000	7600	29000	--	
07/29/97	81.66	10.28	0.00	71.38	-2.58	ND	--	1.2	0.72	0.63	0.62	17000	--	
01/14/98	81.66	8.63	0.00	73.03	1.65	14000	--	1000	150	790	3300	23000	--	
07/01/98	81.66	9.53	0.00	72.13	-0.90	2700	--	100	ND	180	78	7100	--	
06/18/99	--	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-3			**(Screen Interval in feet: --)**											
11/03/92	77.48	--	--	--	--	2100	--	120	15	38	200	--	--	
01/25/93	77.48	--	--	--	--	2300	--	80	i	55	52	--	--	
04/29/93	77.48	11.37	0.00	66.11	--	4500	--	1700	ND	200	140	--	--	
07/16/93	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	--	--	
01/20/94	77.48	12.65	0.00	64.83	0.04	4200	--	11	ND	21	15	--	--	
04/13/94	77.48	12.02	0.00	65.46	0.63	4200	--	210	ND	36	53	--	--	
07/13/94	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	--	--	
01/10/95	77.48	10.42	0.00	67.06	2.56	310	--	4.6	ND	3.5	2.1	--	--	
04/17/95	77.48	10.42	0.00	67.06	0.00	7800	--	ND	4.6	300	450	--	--	
07/24/95	77.48	11.76	0.00	65.72	-1.34	3200	--	170	ND	22	16	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
10/23/95	77.48	12.50	0.00	64.98	-0.74	3900	--	55	ND	19	11	4500	--	
01/18/96	77.48	11.79	0.00	65.69	0.71	2200	--	270	33	26	18	5500	--	
04/18/96	82.55	11.30	0.00	71.25	5.56	6000	--	1800	ND	100	230	48000	--	
07/24/96	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	--	
01/28/97	82.55	9.50	0.00	73.05	3.15	4400	--	250	13	87	47	54000	--	
07/29/97	82.55	11.99	0.00	70.56	-2.49	ND	--	3500	ND	220	ND	75000	--	
01/14/98	82.55	10.30	0.00	72.25	1.69	ND	--	430	ND	100	380	37000	--	
07/01/98	82.55	11.70	0.00	70.85	-1.40	ND	--	430	ND	ND	ND	45000	--	
06/18/99	--	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-4			**(Screen Interval in feet: --)**											
04/18/96	82.04	9.83	0.00	72.21	--	ND	--	630	ND	ND	ND	18000	--	
07/24/96	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	--	
01/28/97	82.04	7.94	0.00	74.10	3.20	1200	--	490	ND	17	6.8	16000	--	
07/29/97	82.04	10.86	0.00	71.18	-2.92	50	--	1.5	0.61	0.73	0.78	15000	--	
01/14/98	82.04	8.73	0.00	73.31	2.13	ND	--	ND	ND	ND	ND	5200	--	
07/01/98	82.04	10.51	0.00	71.53	-1.78	ND	--	ND	ND	ND	ND	640	--	
06/18/99	82.04	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-5			**(Screen Interval in feet: --)**											
04/18/96	81.80	9.65	0.00	72.15	--	31000	--	5500	1400	1700	8100	66000	--	
07/24/96	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	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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-5 continued														
01/28/97	81.80	7.76	0.00	74.04	3.64	19000	--	6100	62	82	310	160000	--	
07/29/97	81.80	11.58	0.00	70.22	-3.82	ND	--	ND	ND	ND	ND	71000	--	
01/14/98	81.80	9.08	0.00	72.72	2.50	ND	--	3600	ND	ND	ND	80000	--	
07/01/98	81.80	11.25	0.00	70.55	-2.17	6400	--	2100	21	120	330	61000	--	
06/18/99	81.80	--	--	--	--	--	--	--	--	--	--	--	--	Well was destroyed
MW-6			**(Screen Interval in feet: 5.0-25.0)**											
06/18/99	78.91	9.30	0.00	69.61	--	2100	--	21	29	ND	47	97000	71000	
01/21/00	78.91	9.37	0.00	69.54	-0.07	1880	--	143	31.2	106	196	41200	48800	
07/10/00	78.91	8.94	0.00	69.97	0.43	5710	--	869	209	301	1430	22200	19500	
01/04/01	78.91	9.21	0.00	69.70	-0.27	ND	--	ND	ND	ND	ND	--	9510	
07/16/01	78.91	9.42	0.00	69.49	-0.21	4800	--	200	21	150	440	29000	34000	
01/31/02	78.91	8.50	0.00	70.41	0.92	12000	--	250	92	500	1500	26000	31000	
04/11/02	79.67	9.08	0.00	70.59	0.18	3600	--	42	32	39	280	120000	--	
07/11/02	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	
01/14/03	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	
04/16/03	79.67	8.21	0.00	71.46	0.10	--	270	ND<0.50	ND<0.50	ND<0.50	1.3	--	15	
07/16/03	79.67	9.43	0.00	70.24	-1.22	--	290	39	0.60	ND<0.50	15	--	150	
10/02/03	79.67	9.92	0.00	69.75	-0.49	--	200	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	220	
01/07/04	79.67	8.08	0.00	71.59	1.84	--	140	2.4	ND<1.0	8.6	13	--	86	
04/02/04	79.67	8.63	0.00	71.04	-0.55	--	3200	ND<20	ND<20	ND<20	ND<40	--	5900	
07/29/04	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	

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Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2009
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 8015 (Luft) (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														
01/24/05	79.67	8.33	0.00	71.34	1.26	--	100	1.1	ND<0.50	0.60	1.1	--	40	
06/23/05	79.67	8.33	0.00	71.34	0.00	--	230	0.52	ND<0.50	3.6	9.6	--	200	
09/28/05	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	
03/10/06	79.67	6.83	0.00	72.84	0.99	--	970	1.2	ND<0.50	1.3	5.0	--	3600	
06/23/06	79.67	8.13	0.00	71.54	-1.30	--	1700	ND<12	ND<12	ND<12	ND<25	--	1100	
09/27/06	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	
03/23/07	79.67	8.39	0.00	71.28	0.21	--	330	ND<0.50	ND<0.50	0.82	ND<0.50	--	680	
06/29/07	79.67	9.02	0.00	70.65	-0.63	--	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	290	
09/28/07	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	
03/25/08	79.67	8.63	0.00	71.04	0.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
06/12/08	79.67	9.47	0.00	70.20	-0.84	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
09/25/08	79.67	9.95	0.00	69.72	-0.48	--	66	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15	
12/30/08	79.67	8.96	0.00	70.71	0.99	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
03/24/09	79.67	8.02	0.00	71.65	0.94	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
MW-7			**(Screen Interval in feet: 5.0-25.0)**											
06/18/99	79.92	8.70	0.00	71.22	--	ND	--	ND	ND	ND	ND	16000	13000	
01/21/00	79.92	9.30	0.00	70.62	-0.60	ND	--	ND	ND	ND	ND	12300	18200	
07/10/00	79.92	8.72	0.00	71.20	0.58	ND	--	ND	ND	ND	ND	16900	13800	
01/04/01	79.92	9.17	0.00	70.75	-0.45	ND	--	ND	ND	ND	0.719	--	37.3	
07/16/01	79.92	9.02	0.00	70.90	0.15	ND	--	ND	ND	ND	ND	7200	4700	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (Luft) (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														
01/31/02	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	
04/11/02	80.67	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
07/11/02	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	
01/14/03	80.67	7.89	0.00	72.78	1.92	--	ND<25000	ND<250	ND<250	ND<250	ND<500	--	33000	
04/16/03	80.67	8.04	0.00	72.63	-0.15	--	ND<25000	ND<250	ND<250	ND<250	ND<500	--	37000	
07/16/03	80.67	9.19	0.00	71.48	-1.15	--	25000	ND<250	ND<250	ND<250	ND<500	--	38000	
10/02/03	80.67	9.89	0.00	70.78	-0.70	--	17000	ND<100	ND<100	ND<100	ND<200	--	22000	
01/07/04	80.67	7.27	0.00	73.40	2.62	--	ND<20000	ND<200	460	ND<200	540	--	19000	
04/02/04	80.67	8.09	0.00	72.58	-0.82	--	3400	ND<20	ND<20	ND<20	ND<40	--	5100	
07/29/04	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	
01/24/05	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	
06/23/05	80.67	8.56	0.00	72.11	-0.64	--	8700	ND<25	ND<25	ND<25	ND<50	--	12000	
09/28/05	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	
03/10/06	80.67	5.84	0.00	74.83	0.47	--	1200	24	ND<0.50	3.6	ND<1.0	--	4700	
06/23/06	80.67	6.83	0.00	73.84	-0.99	--	1800	21	ND<12	ND<12	ND<25	--	1500	
09/27/06	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	
03/23/07	80.67	8.01	0.00	72.66	0.34	--	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	92	
06/29/07	80.67	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
09/28/07	80.67	9.05	0.00	71.62	--	--	50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	37	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
12/19/07	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	
03/25/08	80.67	8.45	0.00	72.22	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.3	
06/12/08	80.67	8.92	0.00	71.75	-0.47	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
09/25/08	80.67	9.55	0.00	71.12	-0.63	--	65	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/30/08	80.67	8.99	0.00	71.68	0.56	--	130	ND<0.50	ND<0.50	ND<0.50	1.1	--	5.7	
03/24/09	80.67	7.73	0.00	72.94	1.26	--	98	0.50	ND<0.50	ND<0.50	ND<1.0	--	9.2	
MW-8			**(Screen Interval in feet: 5.0-25.0)**											
06/18/99	80.96	9.10	0.00	71.86	--	ND	--	ND	ND	ND	ND	290	160	
01/21/00	80.96	10.00	0.00	70.96	-0.90	ND	--	ND	ND	ND	1.09	224	221	
07/10/00	80.96	7.94	0.00	73.02	2.06	ND	--	ND	ND	ND	ND	234	223	
01/04/01	80.96	9.76	0.00	71.20	-1.82	3790	--	141	8.92	128	375	--	34200	
07/16/01	80.96	9.15	0.00	71.81	0.61	ND	--	ND	ND	ND	ND	66	70	
01/31/02	80.96	7.99	0.00	72.97	1.16	5900	--	86	ND<10	630	390	670	700	
04/11/02	81.71	9.00	0.00	72.71	-0.26	250	--	2.0	ND<0.50	38	2.2	410	--	
07/11/02	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	
01/14/03	81.71	8.63	0.00	73.08	1.97	--	ND<250	2.6	ND<2.5	18	ND<5.0	--	430	
04/16/03	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	
07/16/03	81.71	9.63	0.00	72.08	-0.65	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
10/02/03	81.71	10.41	0.00	71.30	-0.78	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
01/07/04	81.71	8.21	0.00	73.50	2.20	--	ND<5000	ND<50	ND<50	ND<50	340	--	3700	
04/02/04	81.71	8.51	0.00	73.20	-0.30	--	3000	ND<20	ND<20	ND<20	ND<40	--	5200	
07/29/04	81.71	9.78	0.00	71.93	-1.27	--	3200	ND<25	ND<25	ND<25	ND<50	--	5500	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
11/24/04	81.71	10.19	0.00	71.52	-0.41	--	2100	ND<10	ND<10	ND<10	ND<20	--	2400	
01/24/05	81.71	8.49	0.00	73.22	1.70	--	ND<2500	4.0	0.52	ND<0.50	29	--	1800	
06/23/05	81.71	8.34	0.00	73.37	0.15	--	490	ND<0.50	ND<0.50	1.5	ND<1.0	--	980	
09/28/05	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	
03/10/06	81.71	6.63	0.00	75.08	0.72	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
06/23/06	81.71	6.56	0.00	75.15	0.07	--	3600	ND<0.50	ND<0.50	100	57	--	ND<0.50	
09/27/06	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	
03/23/07	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	
06/29/07	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	
09/28/07	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	
03/25/08	81.71	8.40	0.00	73.31	1.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
06/12/08	81.71	9.53	0.00	72.18	-1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
09/25/08	81.71	10.24	0.00	71.47	-0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/30/08	81.71	9.72	0.00	71.99	0.52	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7	
03/24/09	81.71	8.43	0.00	73.28	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.4	
MW-9			**(Screen Interval in feet: --)**											
01/31/02	82.07	14.72	0.00	67.35	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	680	910	
04/11/02	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	--	
07/11/02	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	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
01/14/03	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	
04/16/03	82.07	14.51	0.00	67.56	0.24	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	860	
07/16/03	82.07	15.54	0.00	66.53	-1.03	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	1300	
10/02/03	82.07	16.28	0.00	65.79	-0.74	--	820	ND<5.0	ND<5.0	ND<5.0	ND<10	--	990	
01/07/04	82.07	14.65	0.00	67.42	1.63	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1200	
04/02/04	82.07	15.08	0.00	66.99	-0.43	--	510	ND<5.0	ND<5.0	ND<5.0	ND<10	--	850	
07/29/04	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	
01/24/05	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	
06/23/05	82.07	14.40	0.00	67.67	0.56	--	1500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	2000	
09/28/05	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	
03/10/06	82.07	13.39	0.00	68.68	1.22	--	1100	ND<5.0	ND<5.0	ND<5.0	ND<10	--	2100	
06/23/06	82.07	13.68	0.00	68.39	-0.29	--	1700	ND<12	ND<12	ND<12	ND<25	--	1700	
09/27/06	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	
03/23/07	82.07	14.52	0.00	67.55	0.23	--	240	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	660	
06/29/07	82.07	14.89	0.00	67.18	-0.37	--	210	ND<0.50	ND<0.50	ND<0.50	0.52	--	410	
09/28/07	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	
03/25/08	82.07	14.91	0.00	67.16	0.81	--	250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	340	
06/12/08	82.07	15.70	0.00	66.37	-0.79	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	270	
09/25/08	82.07	16.48	0.00	65.59	-0.78	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	320	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through March 2009

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 8015 (Luft) (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														
12/30/08	82.07	16.16	0.00	65.91	0.32	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	230	
03/24/09	82.07	15.23	0.00	66.84	0.93	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	180	
MW-10			**(Screen Interval in feet: --)**											
01/31/02	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	
04/11/02	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	--	
07/11/02	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	
01/14/03	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	
04/16/03	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	
07/16/03	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	
10/02/03	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	
01/07/04	74.98	6.22	0.00	68.76	1.41	--	54	ND<0.50	ND<0.50	1.3	4.5	--	ND<2.0	
04/02/04	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	
07/29/04	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	
01/24/05	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	
06/23/05	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	
09/28/05	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	
03/10/06	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	
06/23/06	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	
09/27/06	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	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2009
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 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
03/23/07	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	
06/29/07	74.98	6.78	0.00	68.20	-0.30	--	ND<50	ND<0.50	ND<0.50	0.76	1.6	--	5.6	
09/28/07	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	
03/25/08	74.98	6.74	0.00	68.24	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
06/12/08	74.98	7.11	0.00	67.87	-0.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
09/25/08	74.98	7.70	0.00	67.28	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.8	
12/30/08	74.98	6.73	0.00	68.25	0.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.80	
03/24/09	74.98	6.41	0.00	68.57	0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11			**(Screen Interval in feet: --)**											
01/31/02	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	
04/11/02	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	--	
07/11/02	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	
01/14/03	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	
04/16/03	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	
07/16/03	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	
10/02/03	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	
01/07/04	77.31	16.20	0.00	61.11	-3.24	--	63	ND<0.50	ND<0.50	0.68	2.2	--	ND<2.0	
04/02/04	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	
07/29/04	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	
01/24/05	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	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2009
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 8015 (Luft) (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-11	**continued**													
06/23/05	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	
09/28/05	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	
03/10/06	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	
06/23/06	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	
09/27/06	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	
03/23/07	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	
06/29/07	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	
09/28/07	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	
03/25/08	77.31	15.74	0.00	61.57	0.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/12/08	77.31	13.87	0.00	63.44	1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/08	77.31	16.30	0.00	61.01	-2.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/08	77.31	15.82	0.00	61.49	0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/24/09	77.31	15.58	0.00	61.73	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-1												
06/18/99	--	ND	ND	ND	--	ND	ND	ND	--	--	--	--
07/16/01	--	ND	ND	ND	--	ND	ND	ND	--	--	--	--
01/14/03	--	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
07/16/03	--	--	ND<10000	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<25000	--	--	--	--	--	--	25.1	45.7	80.1
01/07/04	--	--	ND<20000	--	--	--	--	--	--	12.12	12.31	142
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.33	13.42	36
07/29/04	--	--	ND<2000	--	--	--	--	--	--	5.37	5.51	-2
11/24/04	--	--	ND<2000	--	--	--	--	--	6.58	3.08	4.73	-43
01/24/05	--	--	ND<2000	--	--	--	--	--	--	14.3	17.0	100
06/23/05	--	--	ND<50000	--	--	--	--	--	--	--	4.79	-103
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	4.73	-91
12/20/05	--	--	ND<250	--	--	--	--	--	--	4.16	2.76	-210
03/10/06	--	--	ND<2500	--	--	--	--	--	--	1.45	1.64	-511
06/23/06	--	--	ND<2500	--	--	--	--	--	--	--	4.31	-030
09/27/06	--	--	ND<5000	--	--	--	--	--	--	4.50	4.72	-32
12/22/06	--	--	ND<2500	--	--	--	--	--	--	6.80	2.35	-121
03/23/07	--	--	ND<1200	--	--	--	--	--	--	3.22	3.45	-135
06/29/07	--	--	ND<1200	--	--	--	--	--	--	6.64	7.11	-131
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	7.84	-167
12/17/07	--	--	ND<2500	--	--	--	--	--	--	9.74	6.51	-63
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.70	6.50	-60
06/12/08	--	330	ND<1200	--	--	--	--	--	--	--	4.33	65
09/25/08	--	740	ND<250	--	--	--	--	--	--	--	1.16	105
12/30/08	--	400	ND<250	--	--	--	--	--	--	2.44	0.91	0

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-1 continued												
03/24/09	--	390	ND<250	--	--	--	--	--	--	1.60	1.31	-29
MW-4												
04/18/96	110	--	--	--	--	--	--	--	--	--	--	--
07/24/96	ND	--	--	--	--	--	--	--	--	--	--	--
10/24/96	ND	--	--	--	--	--	--	--	--	--	--	--
01/28/97	210	--	--	--	--	--	--	--	--	--	--	--
07/29/97	ND	--	--	--	--	--	--	--	--	--	--	--
01/14/98	ND	--	--	--	--	--	--	--	--	--	--	--
07/01/98	ND	--	--	--	--	--	--	--	--	--	--	--
MW-6												
06/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
07/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
07/11/02	--	ND<1000	ND<5000	ND<100	ND<100	ND<200	ND<100	ND<100	--	--	--	--
01/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
07/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<1000	--	--	--	--	--	--	15.5	26.2	139
01/07/04	--	--	ND<1000	--	--	--	--	--	--	12.63	14.29	-12
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.63	12.72	9
07/29/04	--	--	ND<100	--	--	--	--	--	--	4.74	4.79	-19
11/24/04	--	--	ND<50	--	--	--	--	--	6.99	2.81	5.54	-29
01/24/05	--	--	ND<50	--	--	--	--	--	--	14.5	15.3	72
06/23/05	--	--	ND<1000	--	--	--	--	--	--	1.86	1.73	70
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.63	2.57	-74
12/20/05	--	--	ND<250	--	--	--	--	--	--	1.52	2.30	-280
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.25	0.80	173

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-6 continued												
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.39	-105
09/27/06	--	--	ND<6200	--	--	--	--	--	--	2.54	3.01	-109
12/22/06	--	--	ND<5000	--	--	--	--	--	--	1.22	4.03	-46
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.64	3.62	-101
06/29/07	--	--	ND<250	--	--	--	--	--	--	8.49	6.78	171
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.36	8.40	167
12/17/07	--	--	ND<250	--	--	--	--	--	--	10.19	9.38	-23
03/25/08	--	--	ND<250	--	--	--	--	--	--	10.03	10.10	-20
06/12/08	--	ND<10	ND<250	--	--	--	--	--	--	--	0.80	30
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	1.05	118
12/30/08	--	ND<10	ND<250	--	--	--	--	--	--	4.50	1.62	14
03/24/09	--	ND<10	ND<250	--	--	--	--	--	--	1.79	1.87	104
MW-7												
06/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
07/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
01/14/03	--	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--	--
07/16/03	--	--	ND<250000	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<100000	--	--	--	--	--	--	24.3	28.2	109
01/07/04	--	--	ND<200000	--	--	--	--	--	--	10.79	10.85	23
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.41	11.32	24
07/29/04	--	--	ND<5000	--	--	--	--	--	--	4.10	3.96	17
11/24/04	--	--	ND<5000	--	--	--	--	--	6.60	1.99	3.29	-43
01/24/05	--	--	ND<5000	--	--	--	--	--	--	17.2	14.5	71
06/23/05	--	--	ND<50000	--	--	--	--	--	--	2.84	2.18	-37
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	3.63	-81

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-7 continued												
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.04	2.03	-263
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.28	0.95	164
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.95	-119
09/27/06	--	--	ND<6200	--	--	--	--	--	--	3.16	3.98	-107
12/22/06	--	--	ND<25000	--	--	--	--	--	--	2.25	2.03	-86
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.38	3.75	-49
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.16	7.96	30
12/19/07	--	--	ND<250	--	--	--	--	--	--	6.70	6.72	-17
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.77	4.81	-30
06/12/08	--	30	ND<250	--	--	--	--	--	--	--	3.96	55
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	1.11	115
12/30/08	--	ND<10	ND<250	--	--	--	--	--	--	4.13	1.81	-14
03/24/09	--	ND<10	ND<250	--	--	--	--	--	--	2.70	2.39	159
MW-8												
06/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
07/16/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
01/14/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--
07/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<500	--	--	--	--	--	--	23.6	28.5	188
01/07/04	--	--	ND<50000	--	--	--	--	--	--	9.94	13.13	-15
04/02/04	--	--	ND<2000	--	--	--	--	--	--	13.37	12.82	-10
07/29/04	--	--	ND<2500	--	--	--	--	--	--	3.68	3.73	18
11/24/04	--	--	ND<1000	--	--	--	--	--	6.67	3.97	2.71	-36
01/24/05	--	--	ND<2500	--	--	--	--	--	--	41.6	41.2	56
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.05	2.13	58

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-8 continued												
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.12	1.98	-40
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.02	3.72	-402
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.51	0.99	-182
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	2.81	-135
09/27/06	--	--	ND<250	--	--	--	--	--	--	4.87	4.91	-155
12/22/06	--	--	ND<250	--	--	--	--	--	--	1.80	2.40	16
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.52	3.90	25
06/29/07	--	--	ND<250	--	--	--	--	--	--	5.35	5.29	98
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.18	7.24	16
12/17/07	--	--	ND<250	--	--	--	--	--	--	6.95	5.26	26
03/25/08	--	--	ND<250	--	--	--	--	--	--	5.22	5.15	70
06/12/08	--	ND<10	ND<250	--	--	--	--	--	--	--	9.40	38
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	1.33	98
12/30/08	--	ND<10	ND<250	--	--	--	--	--	--	1.78	2.19	11
03/24/09	--	ND<10	ND<250	--	--	--	--	--	--	2.07	1.87	103
MW-9												
01/31/02	--	ND<140	ND<3600	ND<7.1	ND<7.1	ND<7.1	ND<7.1	ND<7.1	--	--	--	--
01/14/03	--	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	--	--	--
07/16/03	--	--	ND<25000	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<5000	--	--	--	--	--	--	29.5	28.4	201
01/07/04	--	--	ND<10000	--	--	--	--	--	--	10.45	12.00	9
04/02/04	--	--	ND<500	--	--	--	--	--	--	16.37	13.21	12
07/29/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<500	--	--	--	--	--	6.47	3.24	1.71	-68
01/24/05	--	--	ND<1000	--	--	--	--	--	--	26.0	22.5	-45

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-9 continued												
06/23/05	--	--	ND<10000	--	--	--	--	--	--	1.50	1.44	-136
09/28/05	--	--	ND<50000	--	--	--	--	--	--	2.51	1.67	-94
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.05	4.67	-102
03/10/06	--	--	ND<2500	--	--	--	--	--	--	2.82	2.13	160
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	0.84	-65
09/27/06	--	--	ND<6200	--	--	--	--	--	--	0.68	0.75	-61
12/22/06	--	--	ND<250	--	--	--	--	--	--	9.00	4.89	-44
03/23/07	--	--	ND<250	--	--	--	--	--	--	6.85	5.33	-114
06/29/07	--	--	ND<250	--	--	--	--	--	--	6.87	6.25	23
09/28/07	--	--	ND<1200	--	--	--	--	--	--	7.17	7.04	30
12/17/07	--	--	ND<250	--	--	--	--	--	--	5.05	4.81	-27
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.55	6.67	-10
06/12/08	--	250	ND<250	--	--	--	--	--	--	--	2.55	86
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	1.44	26
12/30/08	--	21	ND<250	--	--	--	--	--	--	5.47	5.43	52
03/24/09	--	24	ND<250	--	--	--	--	--	--	2.80	2.69	66
MW-10												
01/31/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
01/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
07/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<500	--	--	--	--	--	--	24.8	25.7	192
01/07/04	--	--	ND<500	--	--	--	--	--	--	10.04	11.62	35
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.91	12.02	42
07/29/04	--	--	ND<50	--	--	--	--	--	--	4.81	4.83	83
11/24/04	--	--	ND<50	--	--	--	--	--	6.89	2.59	3.07	-39

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-10 continued												
01/24/05	--	--	ND<50	--	--	--	--	--	--	27.5	25.5	87
06/23/05	--	--	ND<1000	--	--	--	--	--	--	7.83	176	40
09/28/05	--	--	ND<1000	--	--	--	--	--	--	6.95	2.37	-66
12/20/05	--	--	ND<250	--	--	--	--	--	--	3.85	3.45	59
03/10/06	--	--	ND<250	--	--	--	--	--	--	2.52	4.48	87
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	1.49	-68
09/27/06	--	--	ND<250	--	--	--	--	--	--	1.79	1.55	-85
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.20	3.00	107
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.09	5.01	-60
06/29/07	--	--	ND<250	--	--	--	--	--	--	9.12	6.27	165
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.34	8.21	124
12/17/07	--	--	ND<250	--	--	--	--	--	--	4.97	4.46	-15
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.35	4.40	-10
06/12/08	--	ND<10	ND<250	--	--	--	--	--	--	--	1.42	75
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	52.15	94
12/30/08	--	ND<10	ND<250	--	--	--	--	--	--	5.89	3.18	181
03/24/09	--	ND<10	ND<250	--	--	--	--	--	--	4.37	4.07	144
MW-11												
01/31/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
01/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
07/16/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
10/02/03	--	--	ND<500	--	--	--	--	--	--	33.7	23.2	202
01/07/04	--	--	ND<500	--	--	--	--	--	--	11.69	13.82	99
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.94	14.08	-1
07/29/04	--	--	ND<50	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-11	**continued**											
11/24/04	--	--	ND<50	--	--	--	--	--	6.75	3.85	4.32	82
01/24/05	--	--	ND<50	--	--	--	--	--	--	30.01	32.6	79
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.17	2.16	76
09/28/05	--	--	ND<1000	--	--	--	--	--	--	4.97	4.59	-4
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.16	4.77	35
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.11	9.99	68
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	7.74	-26
09/27/06	--	--	ND<250	--	--	--	--	--	--	5.72	5.98	32
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.81	4.35	46
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.47	5.85	38
06/29/07	--	--	ND<250	--	--	--	--	--	--	7.87	7.80	242
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.24	7.30	280
12/17/07	--	--	ND<250	--	--	--	--	--	--	8.71	8.01	47
03/25/08	--	--	ND<250	--	--	--	--	--	--	8.41	8.40	45
06/12/08	--	ND<10	ND<250	--	--	--	--	--	--	--	3.33	160
09/25/08	--	ND<10	ND<250	--	--	--	--	--	--	--	4.28	115
12/30/08	--	ND<10	ND<250	--	--	--	--	--	--	2.74	2.67	195
03/24/09	--	ND<10	ND<250	--	--	--	--	--	--	2.27	2.20	185

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-1	
10/02/03	21.0
01/07/04	24
04/02/04	34
07/29/04	-4
11/24/04	-39
01/24/05	96
09/28/05	-94
12/20/05	-328
03/10/06	-615
09/27/06	-25
12/22/06	-72
03/23/07	-141
06/29/07	-65
12/17/07	-46
03/25/08	-64
12/30/08	-2
03/24/09	-32
MW-6	
10/02/03	175
01/07/04	24
04/02/04	23
07/29/04	-8
11/24/04	-12
01/24/05	70
06/23/05	71

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-6 continued	
09/28/05	-80
12/20/05	-217
03/10/06	224
09/27/06	-104
12/22/06	-67
03/23/07	-92
06/29/07	84
09/28/07	154
12/17/07	-14
03/25/08	-18
12/30/08	8
03/24/09	91
MW-7	
10/02/03	153
01/07/04	5
04/02/04	10
07/29/04	18
11/24/04	-24
01/24/05	48
06/23/05	-32
09/28/05	-85
12/20/05	-256
03/10/06	-179
09/27/06	-95
12/22/06	-101

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-7 continued	
03/23/07	-47
09/28/07	26
12/19/07	-13
03/25/08	-34
12/30/08	-19
03/24/09	138
MW-8	
10/02/03	197
01/07/04	21
04/02/04	16
07/29/04	30
11/24/04	-20
01/24/05	60
06/23/05	56
09/28/05	-26
12/20/05	-326
03/10/06	-181
09/27/06	-139
12/22/06	12
03/23/07	22
06/29/07	92
09/28/07	22
12/17/07	24
03/25/08	77
12/30/08	14

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-8 continued	
03/24/09	109
MW-9	
10/02/03	203
01/07/04	27
04/02/04	32
11/24/04	-67
01/24/05	-45
06/23/05	-144
09/28/05	-119
12/20/05	-42
03/10/06	161
09/27/06	-43
12/22/06	-70
03/23/07	-82
06/29/07	22
09/28/07	30
12/17/07	-35
03/25/08	-14
12/30/08	38
03/24/09	58
MW-10	
10/02/03	213
01/07/04	59
04/02/04	45
07/29/04	102

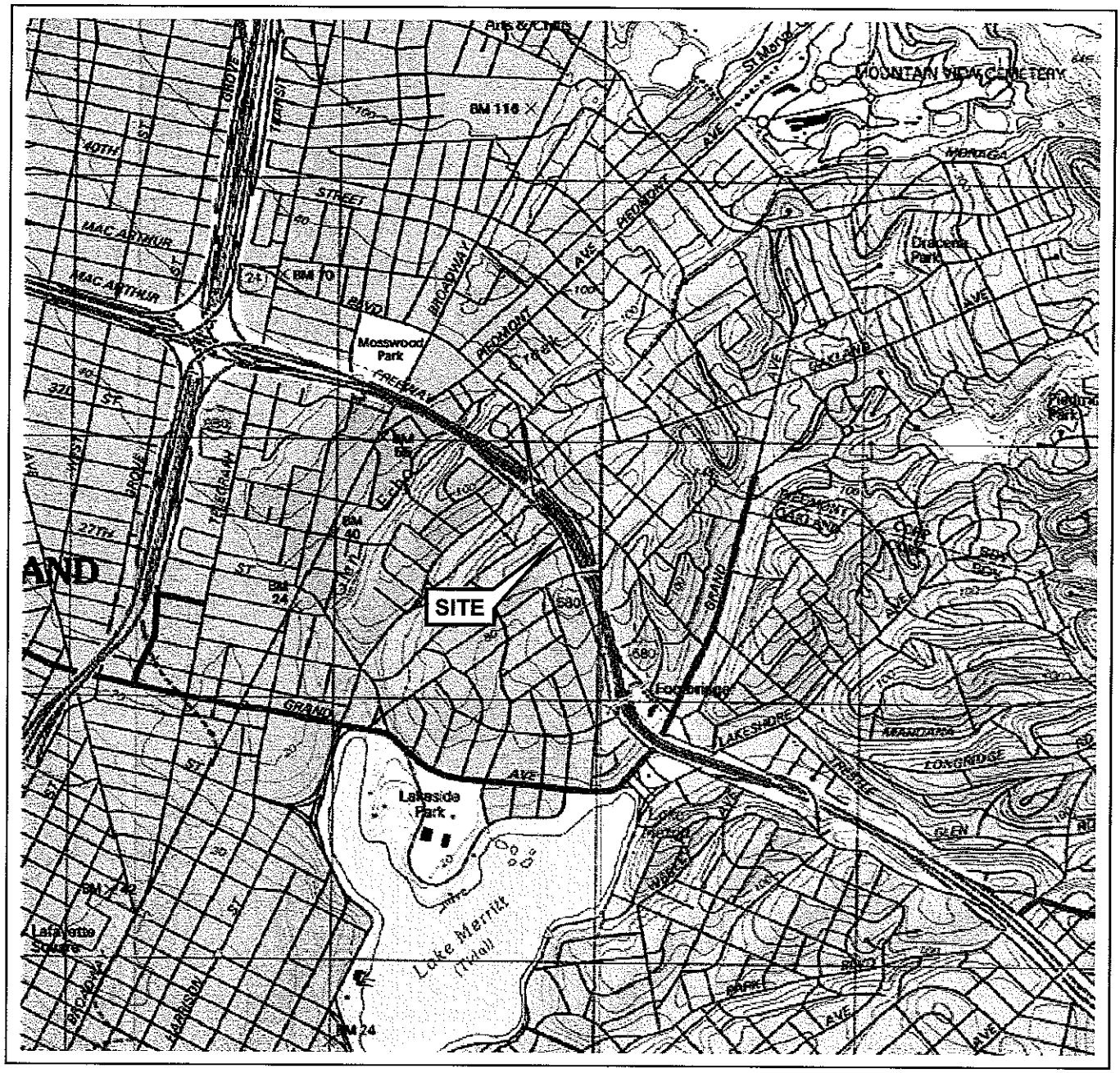
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-10	**continued**
11/24/04	-29
01/24/05	84
06/23/05	44
09/28/05	-64
12/20/05	58
03/10/06	83
09/27/06	-65
12/22/06	85
06/29/07	172
09/28/07	126
12/17/07	-2
03/25/08	-12
12/30/08	184
03/24/09	160
MW-11	
10/02/03	255
01/07/04	103
04/02/04	108
11/24/04	143
01/24/05	83
06/23/05	82
09/28/05	-1
12/20/05	070
03/10/06	97
09/27/06	40

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	Post-purge ORP (mV)
MW-11	**continued**
12/22/06	44
03/23/07	34
06/29/07	223
09/28/07	244
12/17/07	46
03/25/08	44
12/30/08	195
03/24/09	190

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

FACILITY:

76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\1871vm.dwg Jan 20, 2009 - 10:46am aakers

LEGEND

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

SP-H ⊕ Ozone Sparge Well

74.00 — 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

DRIVEWAY

SIDEWALK

QUICK STOP MARKET BUILDING

FORMER PROPERTY BOUNDARY

FORMER STATION BUILDING

66.00

70.00

74.00

MW-9
66.84

MW-8
73.28

MW-7
72.94

MW-6
71.65

MW-10
68.57

MW-11
61.73

MW-1
74.23

SP-H

SP-G

SP-DS

SP-F

SP-A

SP-E

SP-DD

SP-C

SP-BS

SP-BD

UST

UST

CANOPY

DISPENSER ISLANDS

FORMER UNDERGROUND STORAGE TANKS

FORMER DISPENSER ISLAND

DRIVEWAY

SIDEWALK

OVERHEAD RAMP

CONCRETE ISLAND

CONC. BRIDGE COLUMNS (TYP.)

CONC. DRAINAGE DITCH

SIDEWALK

OVERHEAD FREEWAY STRUCTURE

62.00

WESTBOUND ON-RAMP TO I-580

CONC. BRIDGE COLUMNS (TYP.)

DIRT & LANDSCAPING

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

HARRISON STREET

SIDEWALK

N

NOTES:

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

SCALE (FEET)

0 40

PROJECT:	165521
FACILITY:	76 STATION 1871 96 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP March 24, 2009	
TRC	**FIGURE 2**

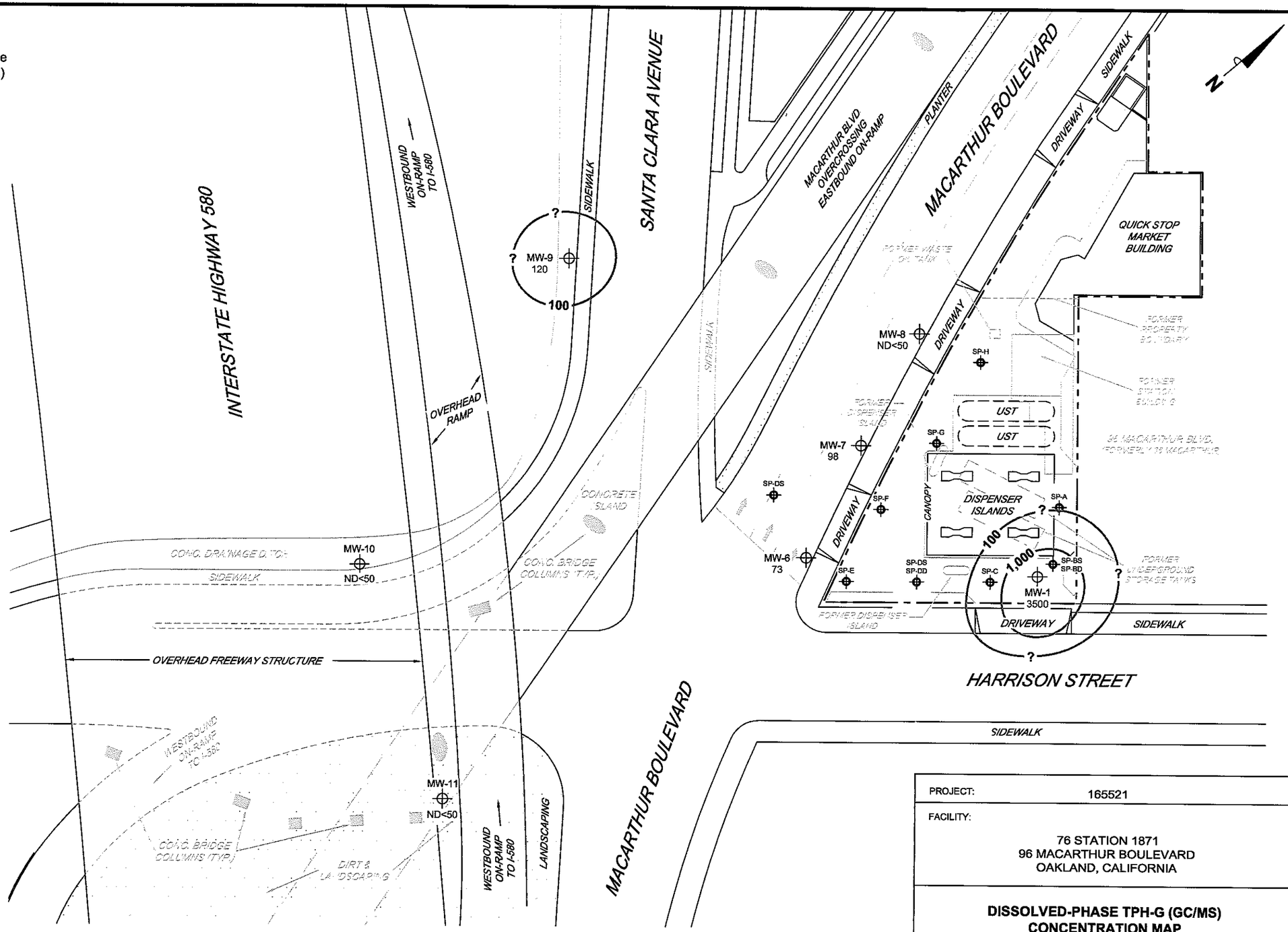
MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+1871-QMS.DWG Apr 08, 2009 - 4:38pm Rollins

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)



NOTES:

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

SCALE (FEET)
0 40

PROJECT:	165521
FACILITY:	76 STATION 1871 96 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA
DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP March 24, 2009	
TRC	**FIGURE 3**

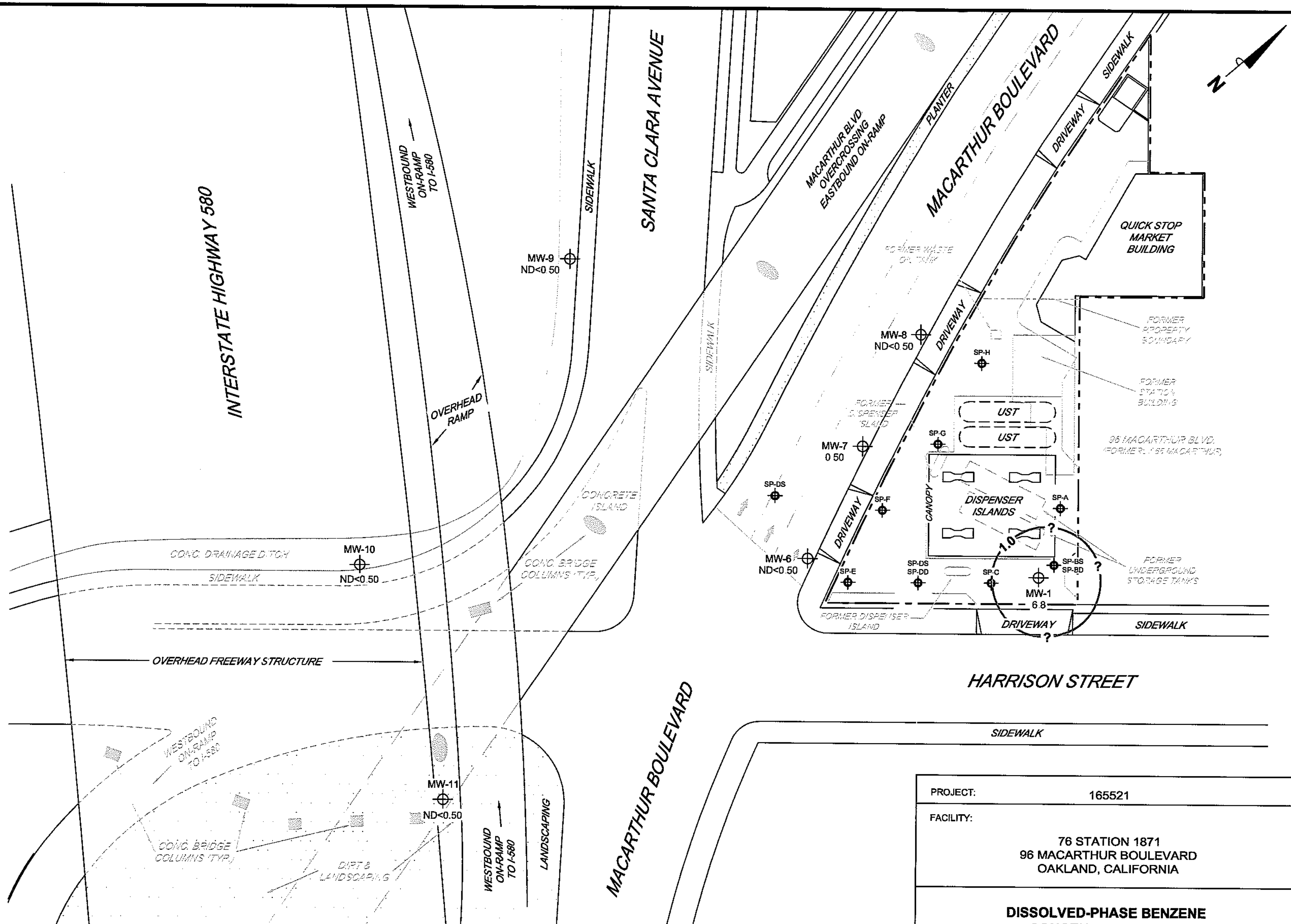
MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+1871-QMS.DWG Apr 08, 2009 - 4:39pm Rollins

LEGEND

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

SP-H ⊕ Ozone Sparge Well

—1.0— Dissolved-Phase Benzene Contour (µg/l)



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
MW-9
ND<0.50
OVERHEAD RAMP
MW-8
ND<0.50
DRIVEWAY
SP-H
FORMER PROPERTY BOUNDARY
FORMER STATION BUILDING
UST
UST
96 MACARTHUR BLVD.
MW-7
0.50
SP-G
SP-DS
CONCRETE ISLAND
DRIVEWAY
SP-F
CANOPY
DISPENSER ISLANDS
SP-A
1.0
MW-10
CONC. DRAINAGE DITCH
SIDEWALK
ND<0.50
CONC. BRIDGE COLUMNS (TYP.)
MW-6
ND<0.50
SP-E
SP-DS
SP-DD
SP-C
SP-BS
SP-BD
MW-1
6.8
FORMER UNDERGROUND STORAGE TANKS
FORMER DISPENSER ISLAND
DRIVEWAY
SIDEWALK
OVERHEAD FREEWAY STRUCTURE
HARRISON STREET
SIDEWALK
MACARTHUR BOULEVARD
MW-11
ND<0.50
CONC. BRIDGE COLUMNS (TYP.)
DIRT & LANDSCAPING
WESTBOUND ON-RAMP TO I-580
LANDSCAPING

SCALE (FEET)
0 40

PROJECT:	165521
FACILITY:	76 STATION 1871 96 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 24, 2009

TRC

FIGURE 4

NOTES:

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

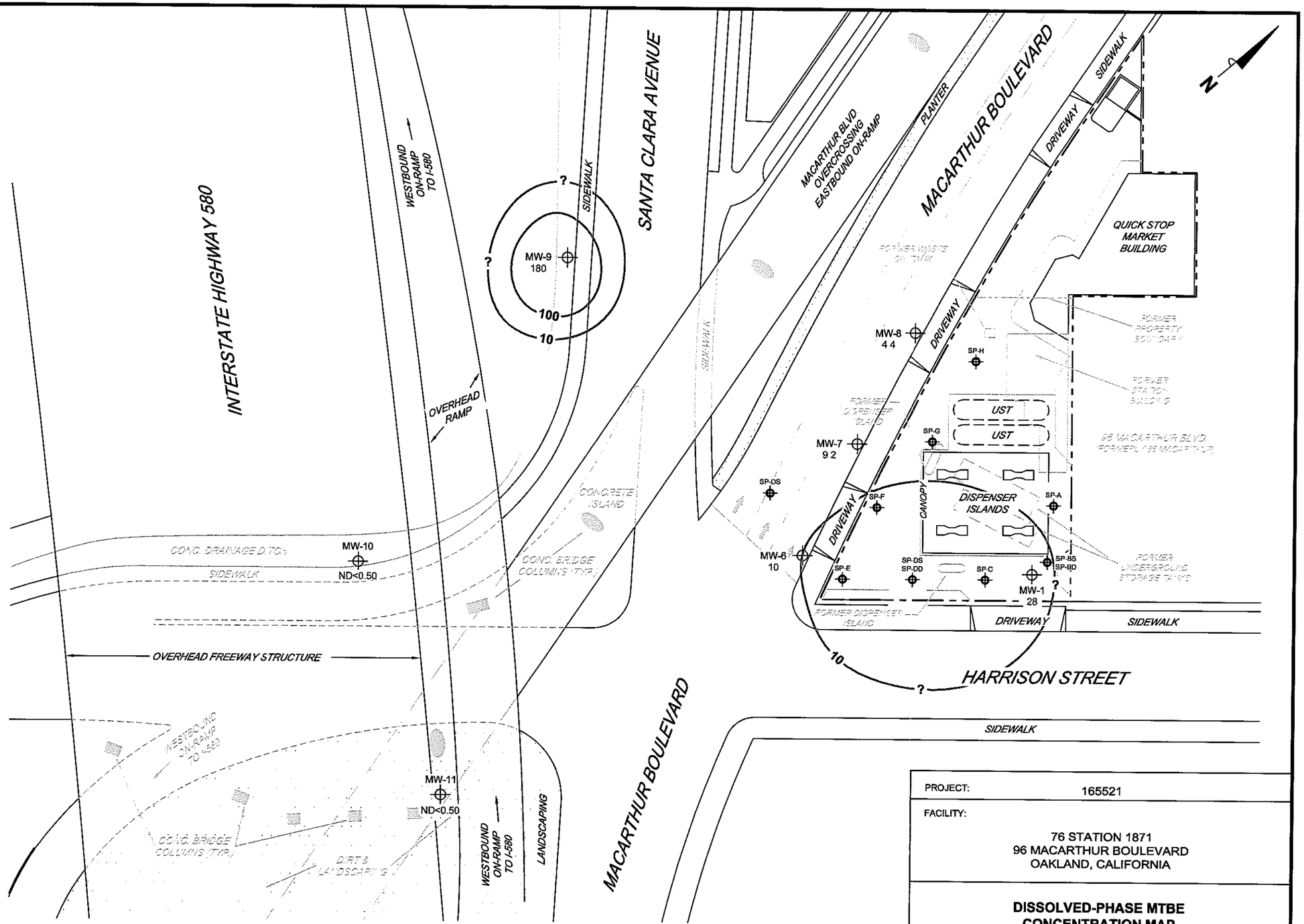
MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871\1871-QMS.DWG Apr 08, 2009 - 4:46pm Rcollins

LEGEND

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

SP-H ⊕ Ozone Sparge Well

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



NOTES:

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

SCALE (FEET)

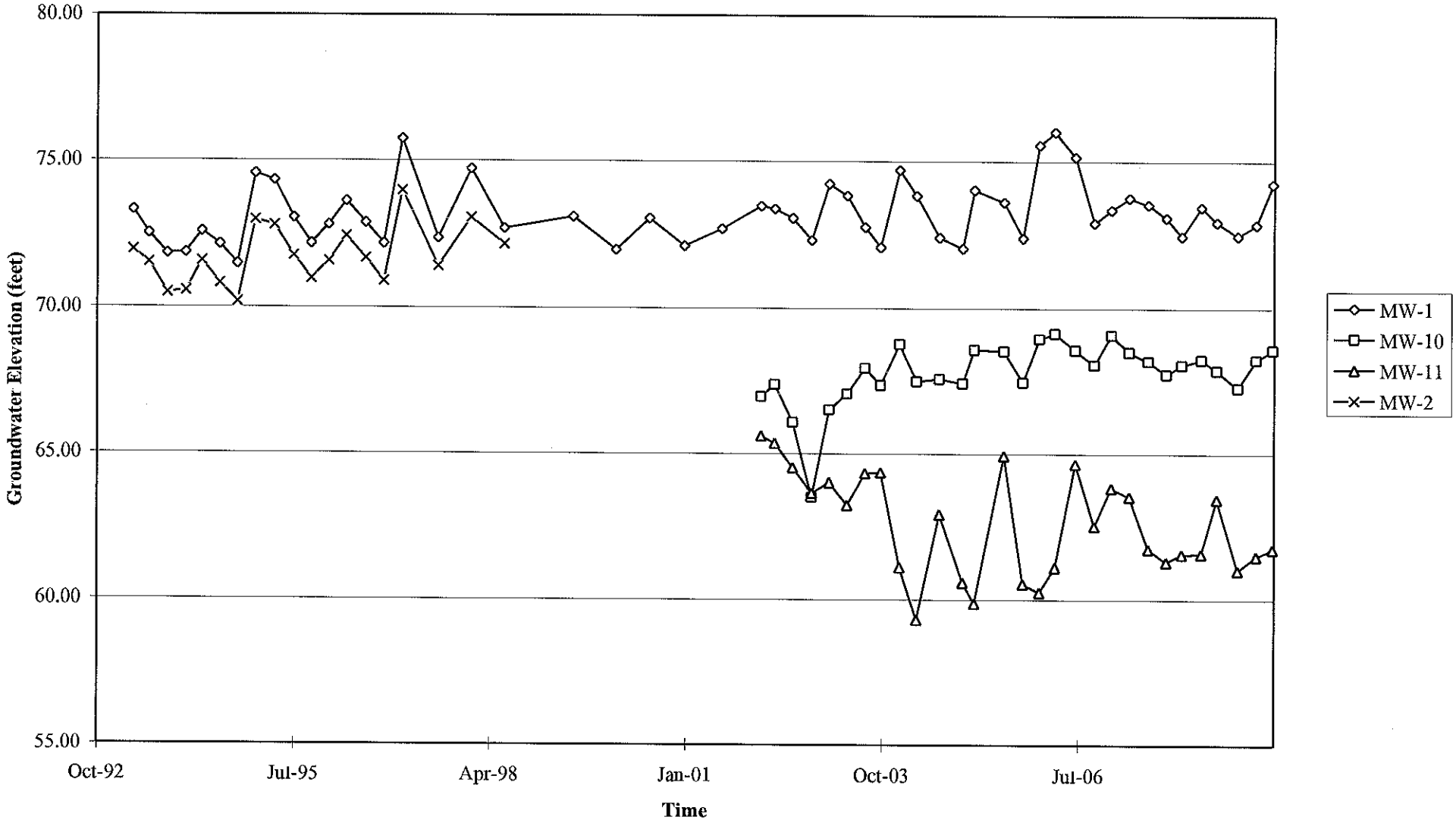
0 40

PROJECT:	165521
FACILITY:	76 STATION 1871 96 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA
DISSOLVED-PHASE MTBE CONCENTRATION MAP March 24, 2009	
TRC	**FIGURE 5**

MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1871+\1871-QMS.DWG Apr 08, 2009 - 4:39pm Rcollins

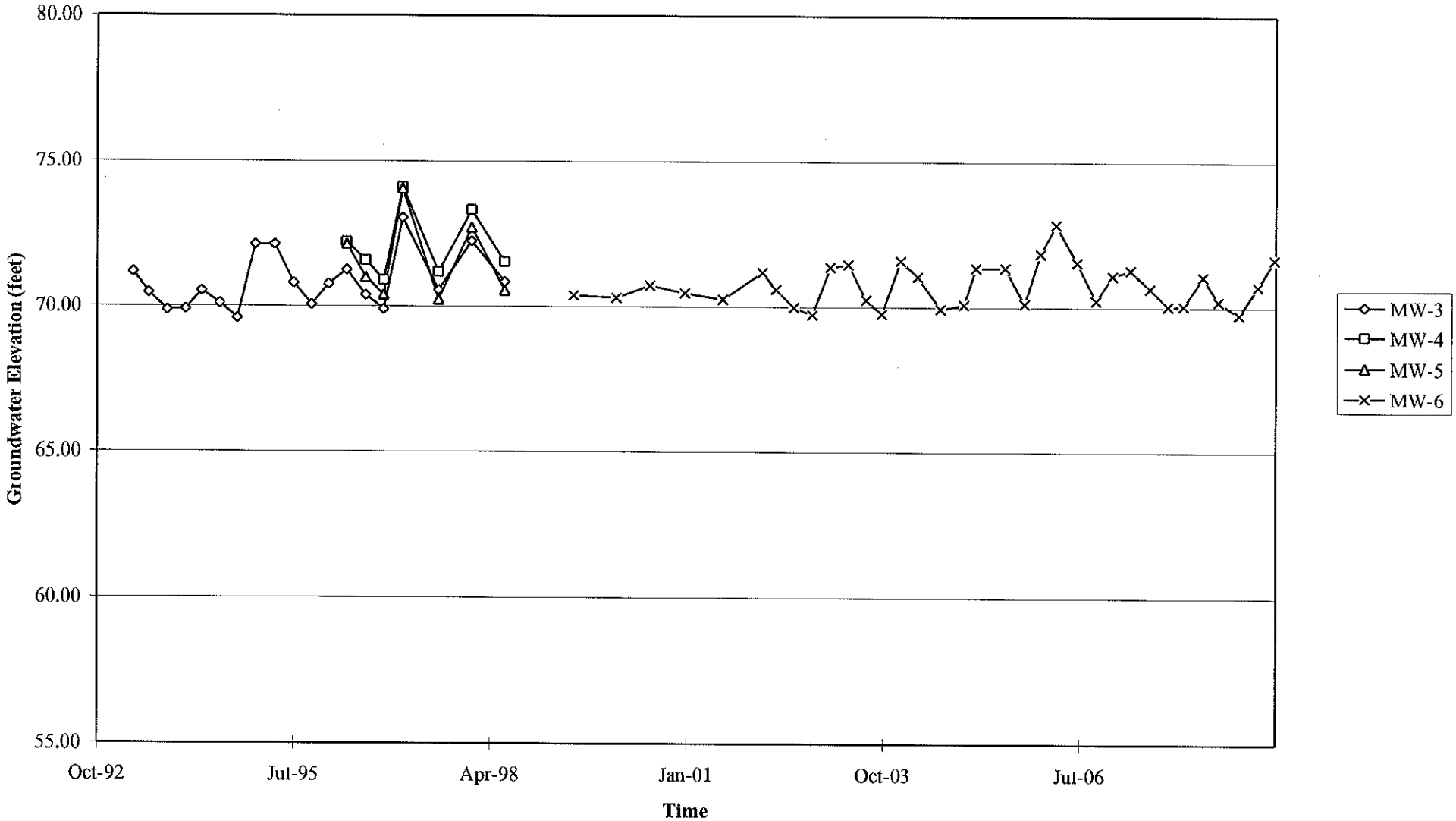
GRAPHS

Groundwater Elevations vs. Time
76 Station 1871



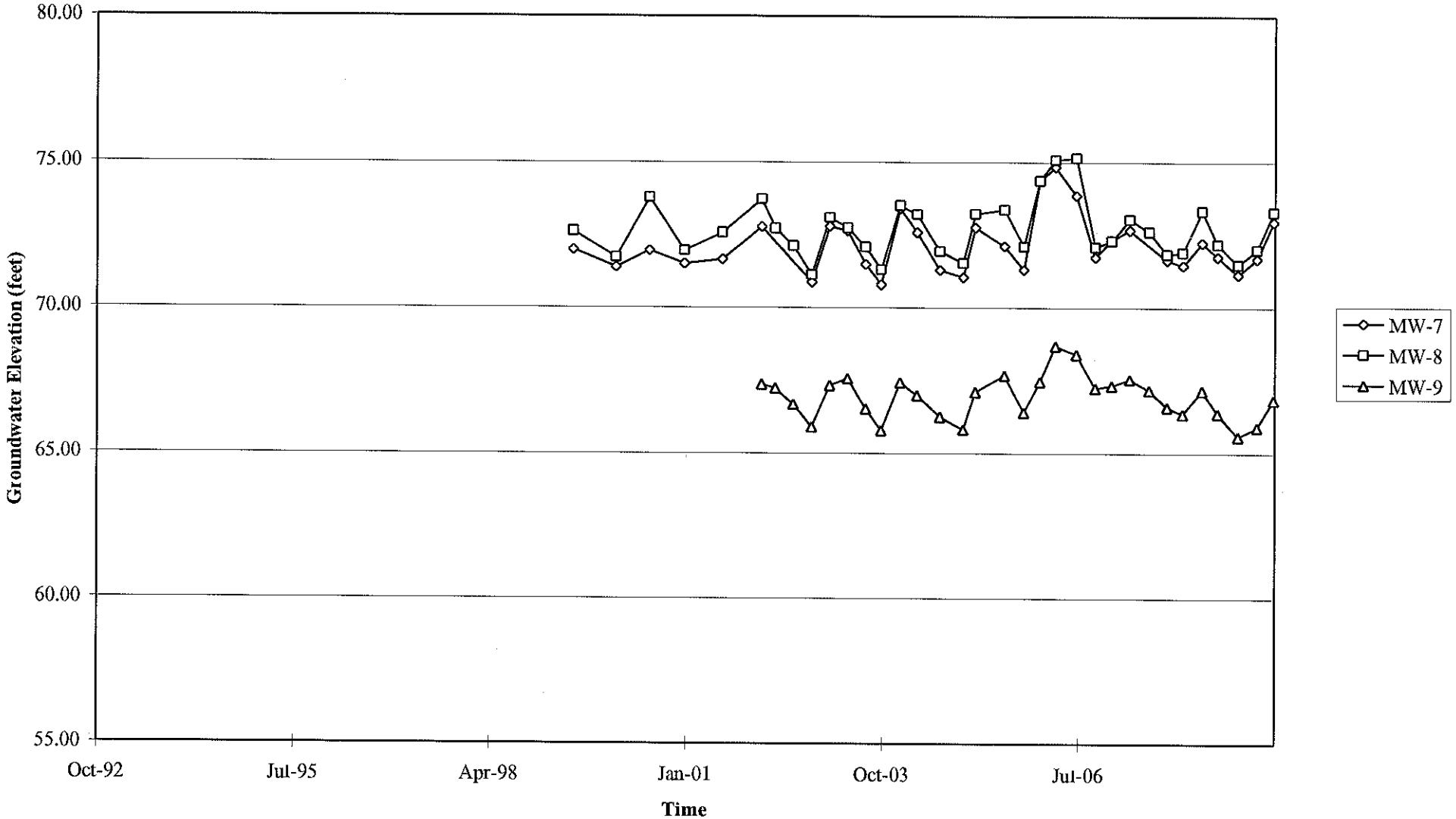
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1871



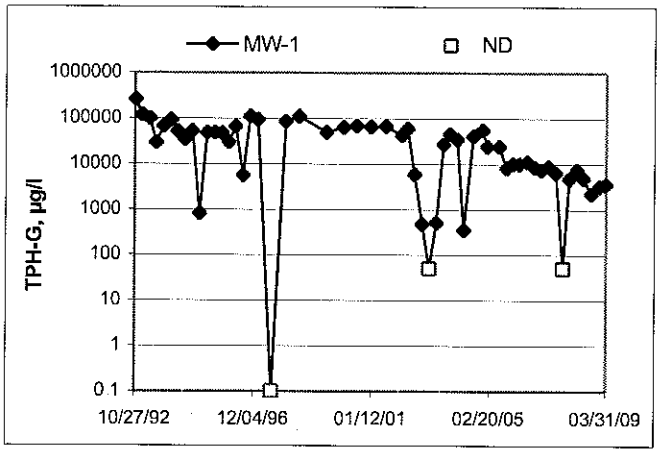
Elevations may have been corrected for apparent changes due to resurvey

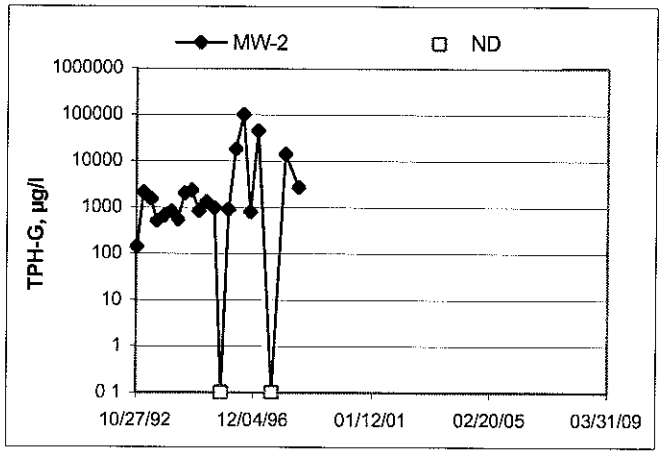
Groundwater Elevations vs. Time
76 Station 1871

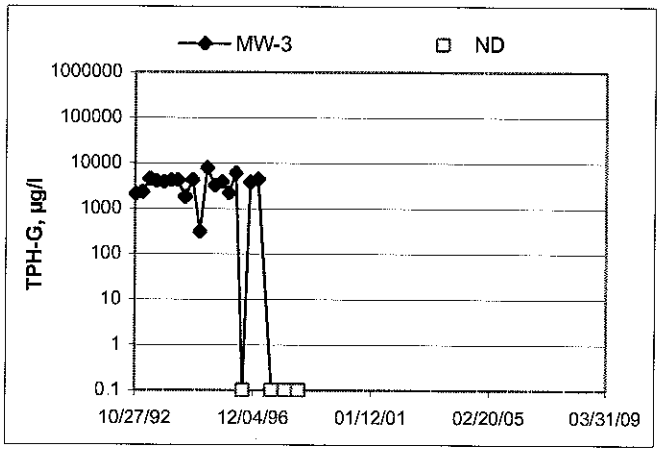


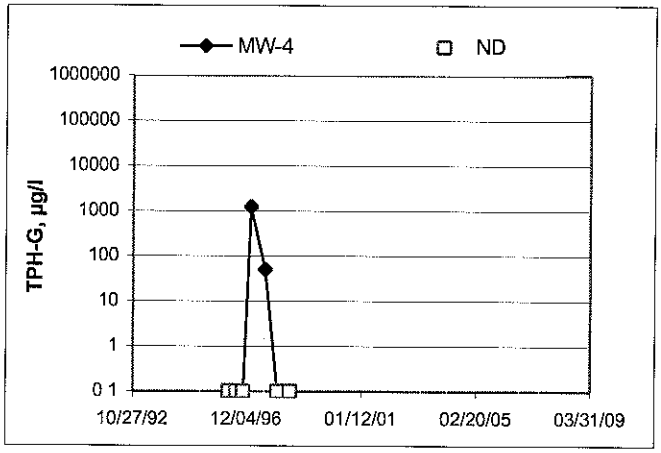
Elevations may have been corrected for apparent changes due to resurvey

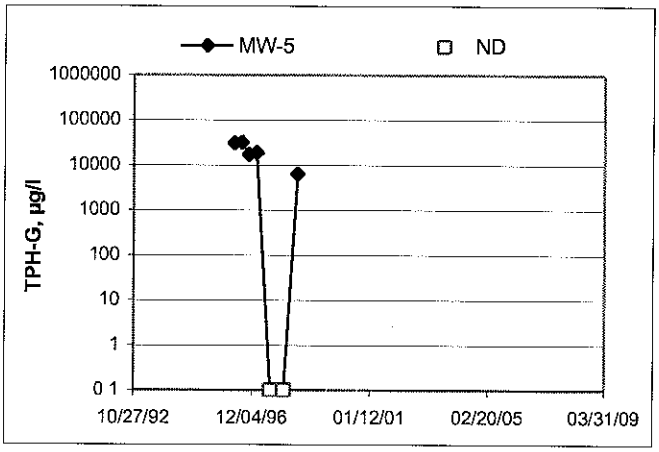
TPH-G Concentrations vs Time
76 Station 1871

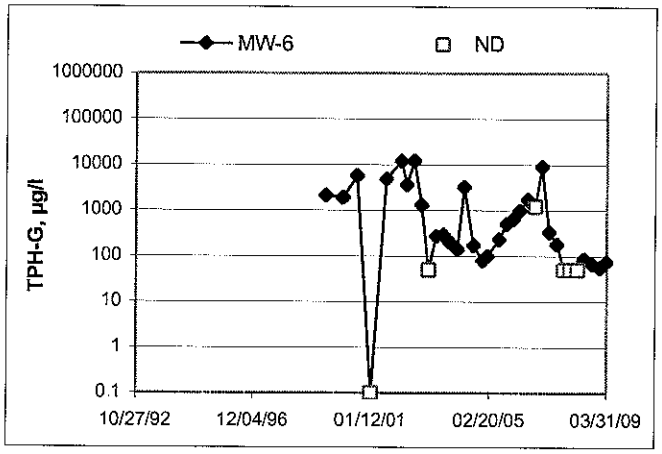


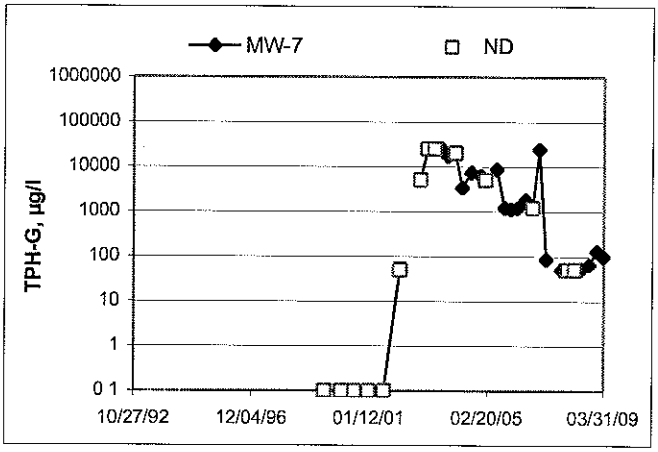


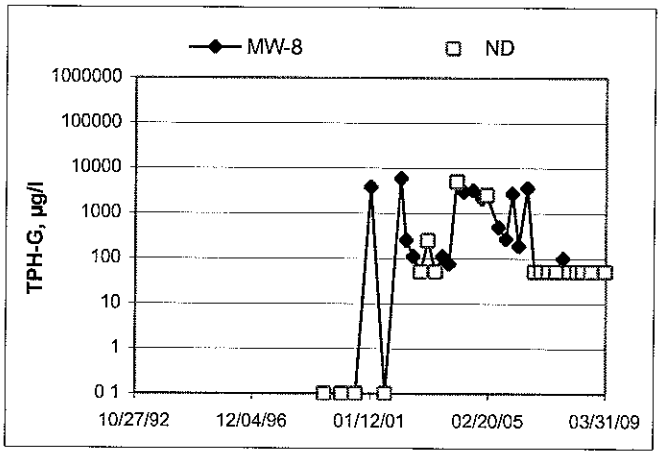




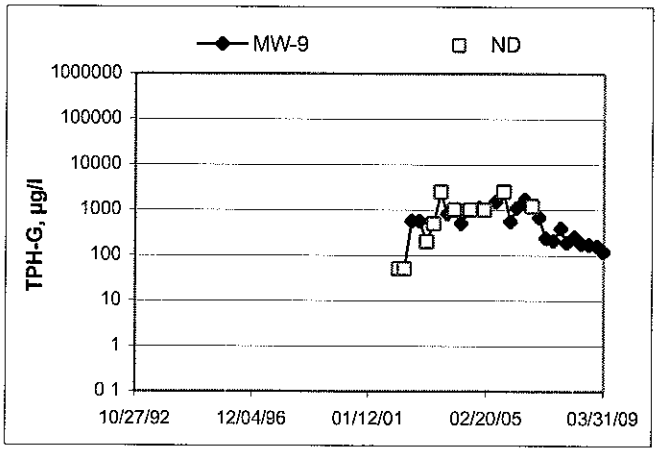


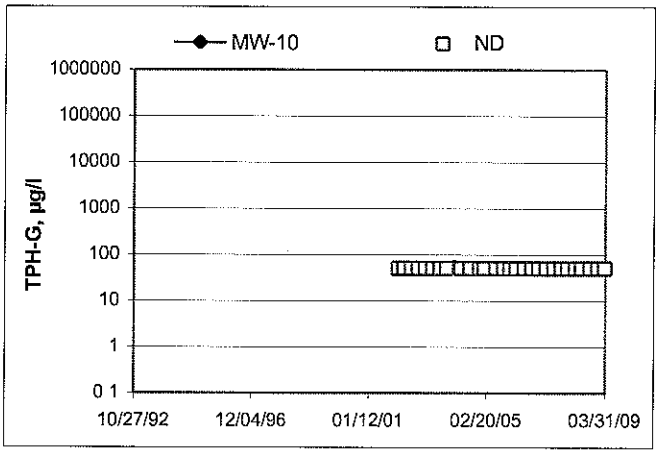


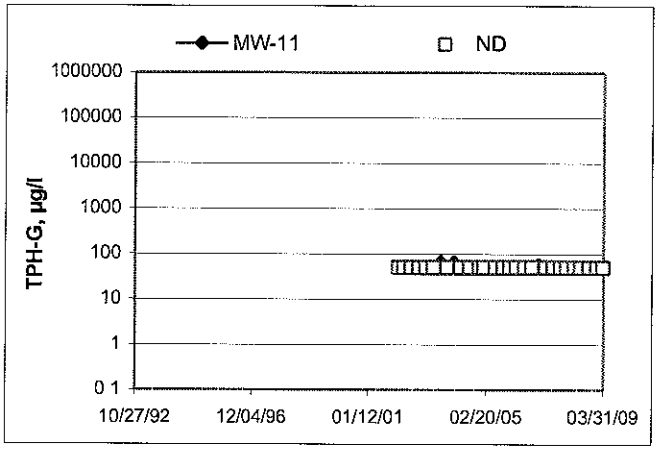




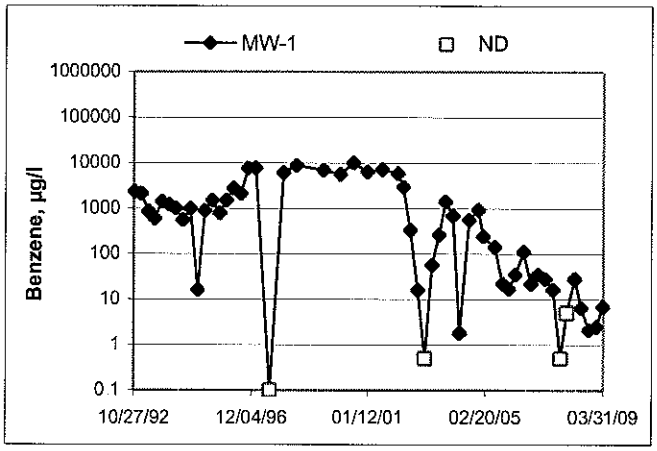
TPH-G Concentrations vs Time
76 Station 1871

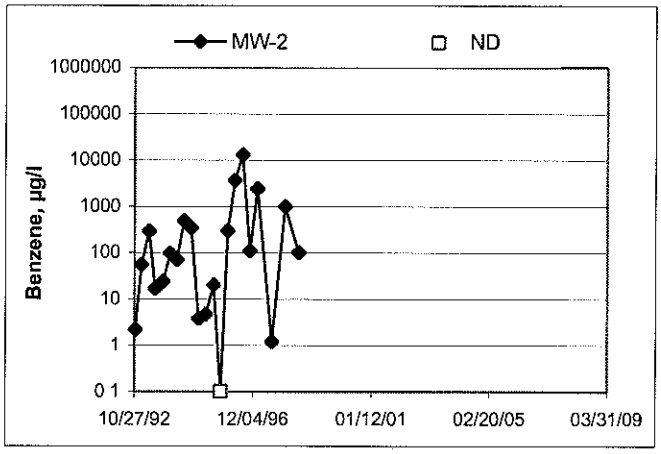


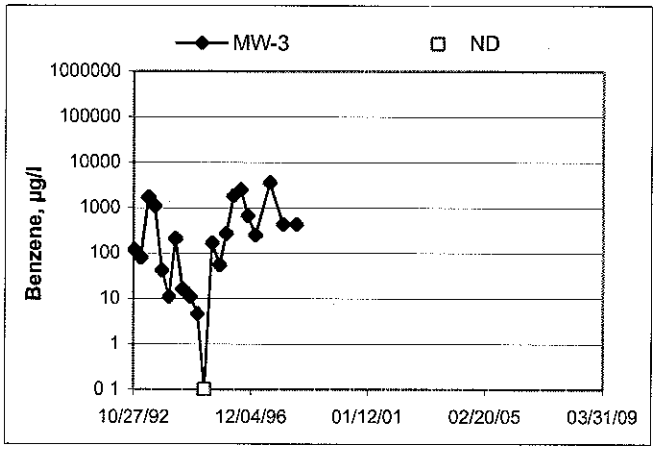


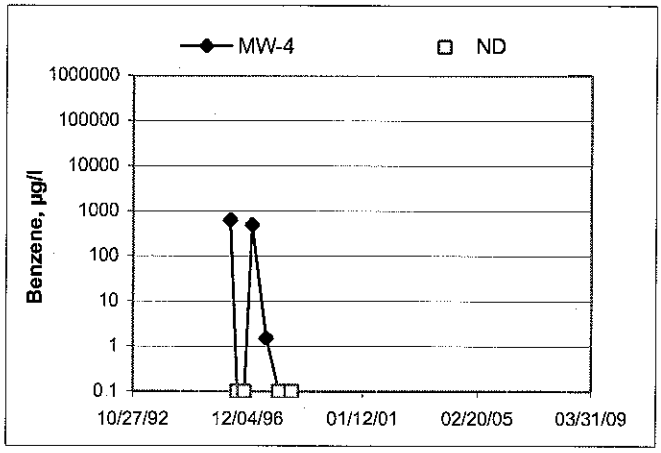


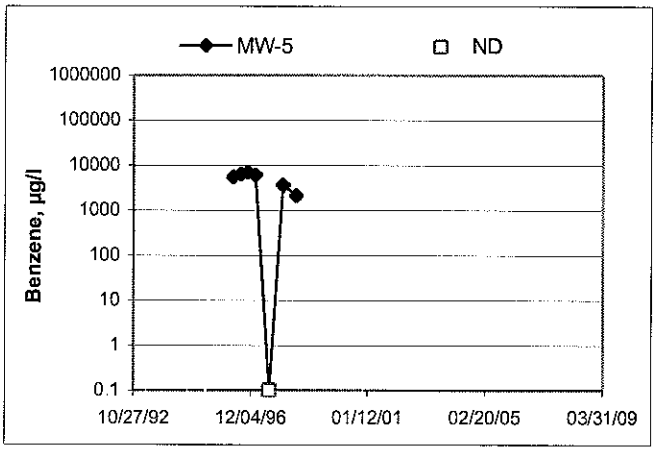
Benzene Concentrations vs Time
76 Station 1871

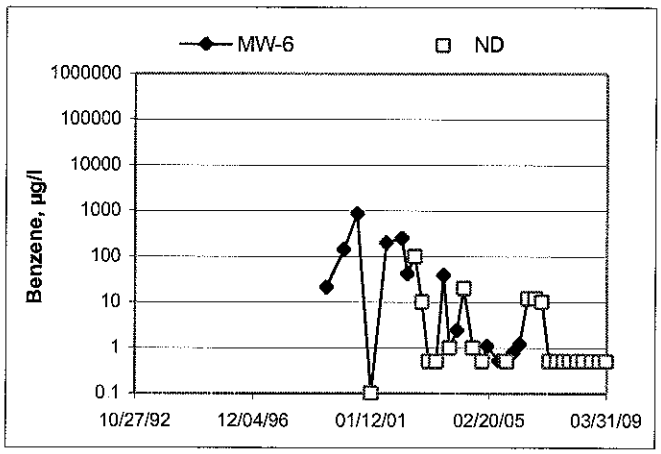


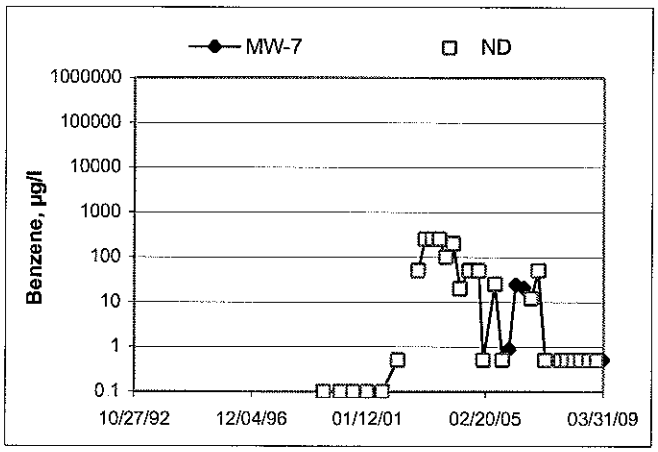


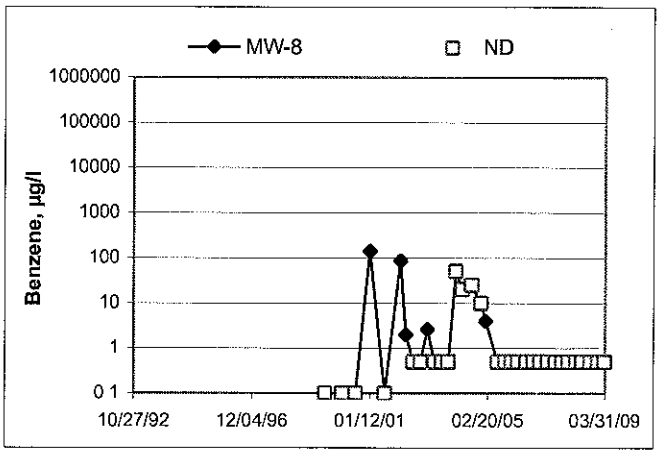




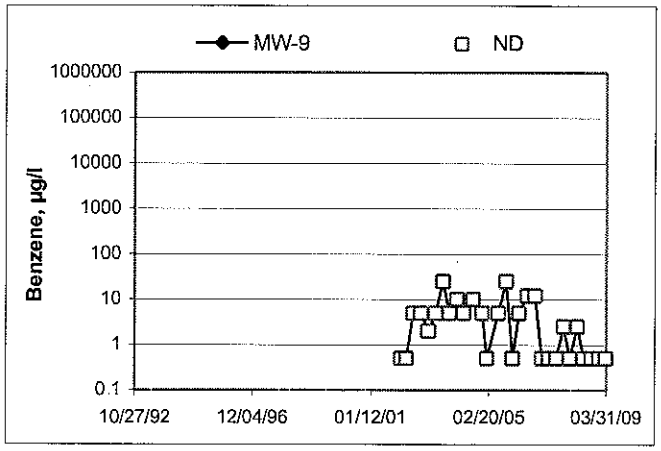


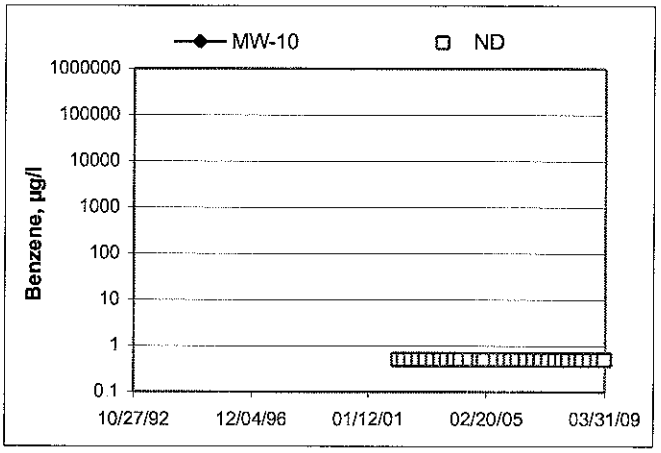


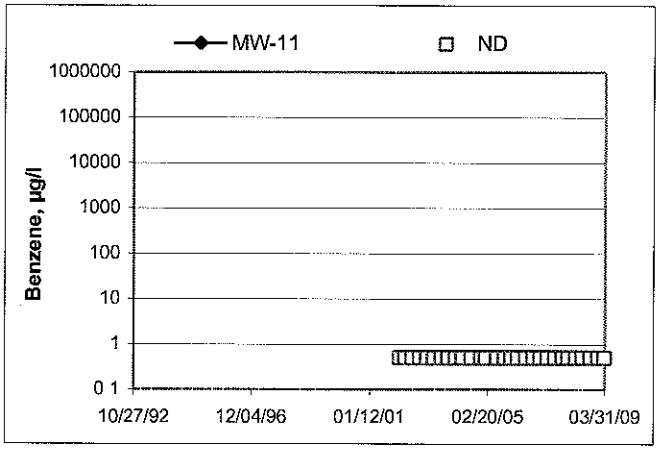




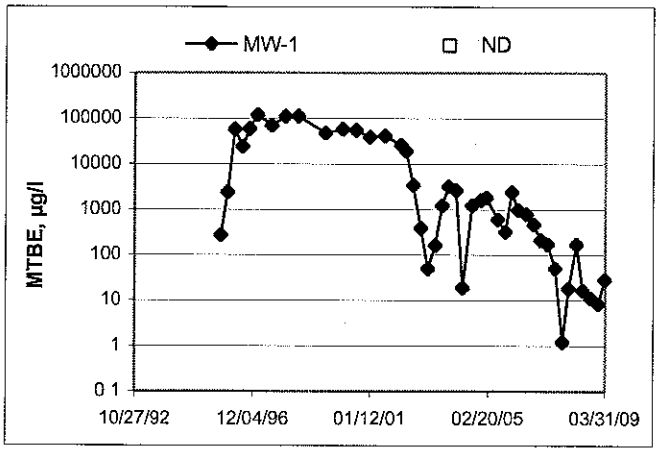
Benzene Concentrations vs Time
76 Station 1871

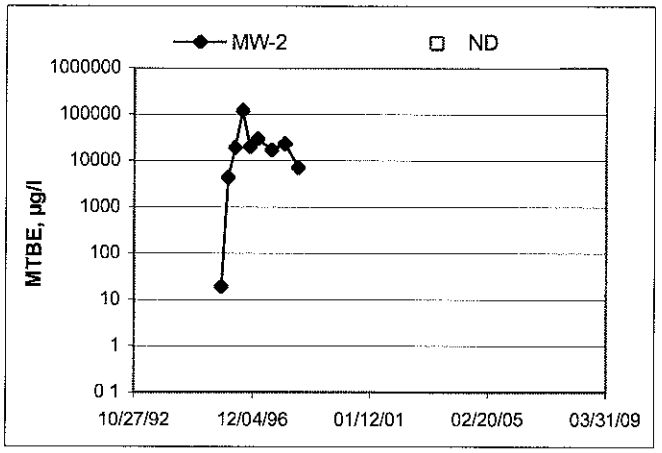


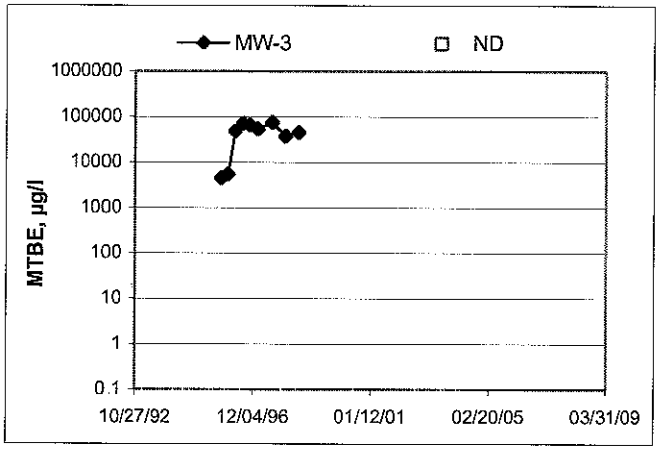


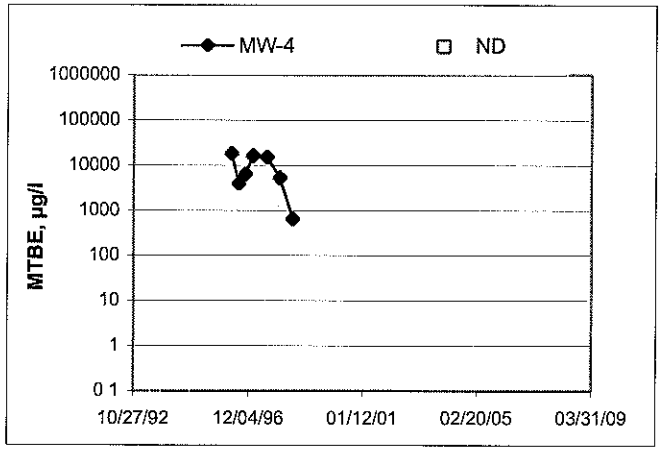


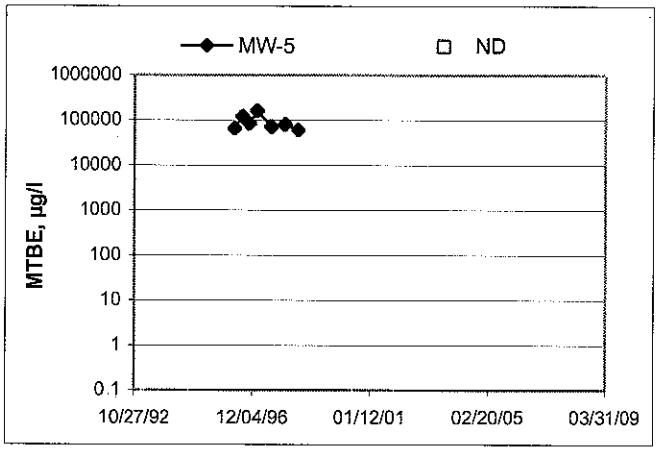
MTBE Concentrations vs Time
76 Station 1871

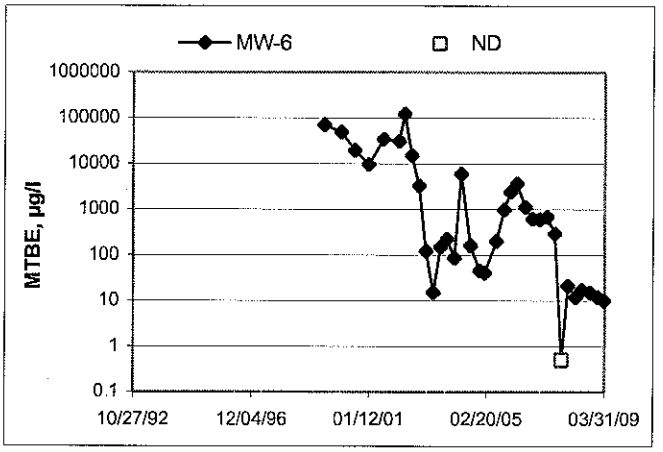


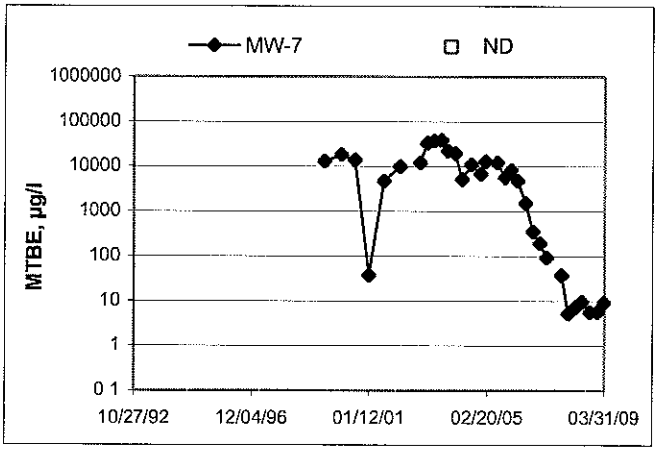


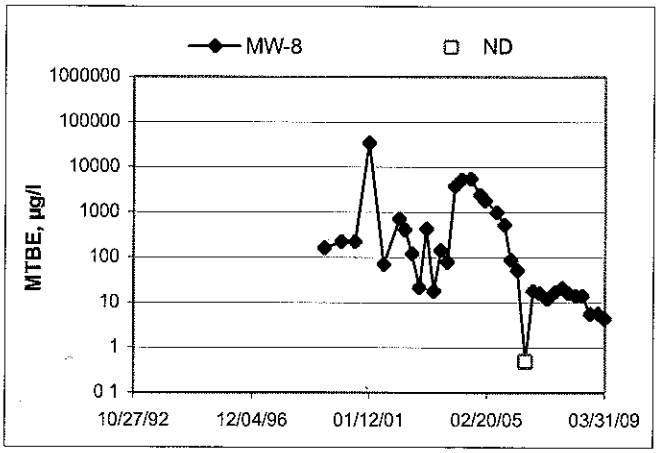




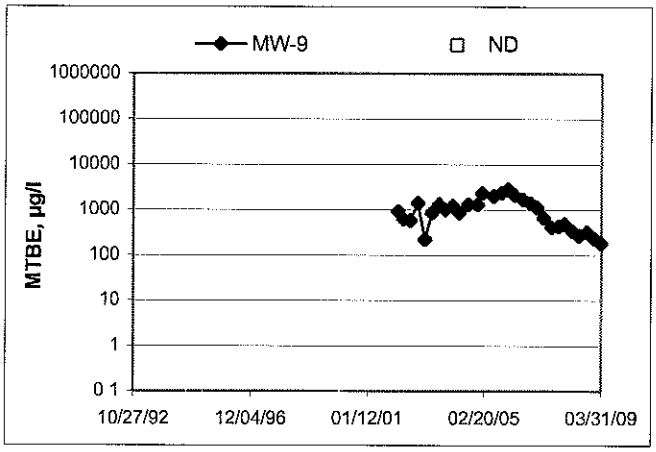


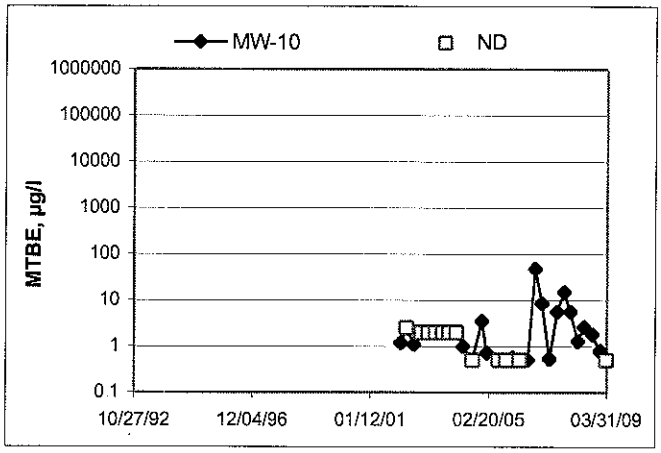


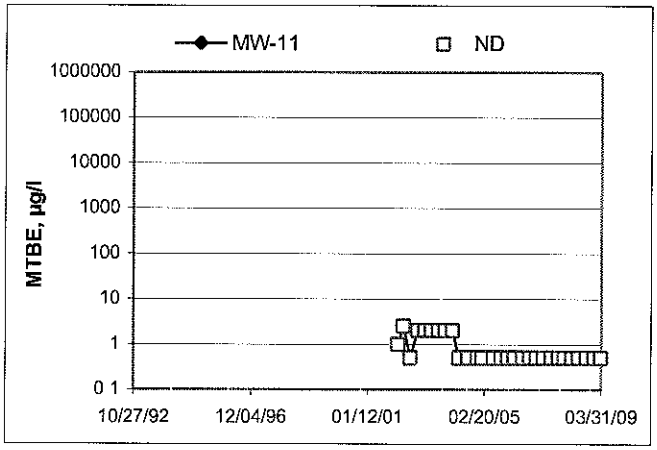




MTBE Concentrations vs Time
76 Station 1871







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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Rick R. Job #/Task #: 165521/FA20 Date: 3/24/09

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

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-11	✓	0555	30.07	15.58	—	—	1005	2"
MW-10	✓	0601	19.98	6.41	—	—	1020	2"
MW-7	✓	0605	24.30	7.73	—	—	1040	2"
MW-8	✓	0610	24.55	8.43	—	—	1048	2"
MW-6	✓	0616	24.43	8.02	—	—	1100	2"
MW-9	✓	0625	19.88	15.23	—	—	1110	2"
MW-1	✓	0630	24.00	12.76	—	—	1115	4"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No: 165521 Date: 3/24/09

Well No. MW-11 Purge Method: Sub

Depth to Water (feet): 15.58 Depth to Product (feet): —

Total Depth (feet) 30.07 LPH & Water Recovered (gallons): —

Water Column (feet): 14.49 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.48 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0731			3	3035	13.4	6.40	2.20	185	
			6	2947	14.6	6.38	2.31	191	
	0734		9	3005	15.3	6.38	2.27	190	

Static at Time Sampled	Total Gallons Purged	Sample Time
20.16	9	1005

Comments: DID NOT RECOVER IN 2 HRS.

Well No. MW-10 Purge Method: Sub

Depth to Water (feet): 6.41 Depth to Product (feet): —

Total Depth (feet) 19.98 LPH & Water Recovered (gallons): —

Water Column (feet): 13.57 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 9.12 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0748			3	420.5	13.5	7.55	4.07	144	
			6	400.8	13.9	7.21	4.19	153	
	0751		9	432.5	14.6	6.99	4.37	160	

Static at Time Sampled	Total Gallons Purged	Sample Time
10.73	9	1020

Comments: DRY at 9 GALS. DID NOT RECOVER IN 2 HRS.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No: 165521 Date: 3/24/09

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 7.73 Depth to Product (feet): —

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

Water Column (feet): 16.57 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.04 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0803			3	549.3	15.7	6.77	2.39	159	
			6	569.7	16.5	6.68	2.67	153	
	0807		9	588.5	17.3	6.68	2.70	138	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.92	9	1040

Comments:

Well No. MW-8 Purge Method: Sub

Depth to Water (feet): 8.43 Depth to Product (feet): —

Total Depth (feet) 24.55 LPH & Water Recovered (gallons): —

Water Column (feet): 16.12 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.65 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0816			3	442.1	16.1	7.01	1.87	103	
			6	441.4	16.9	6.74	1.93	108	
	0820		9	469.6	17.3	6.63	2.07	109	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.52	9	1048

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No.: 165521 Date: 3/24/09

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 8.02 Depth to Product (feet): —

Total Depth (feet) 24.43 LPH & Water Recovered (gallons): —

Water Column (feet): 16.41 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.30 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0830			3	786.5	16.7	6.53	1.87	104	
			6	772.5	17.3	6.53	1.92	95	
	0833		9	792.0	18.0	6.52	1.79	91	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.15	9	1100

Comments:

Well No. MW-9 Purge Method: Sub RP HB

Depth to Water (feet): 15.23 Depth to Product (feet): —

Total Depth (feet) 19.88 LPH & Water Recovered (gallons): —

Water Column (feet): 4.65 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.16 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0850			1	755.3	14.9	6.81	2.69	66	
			2	724.5	16.1	6.64	2.73	59	
	0855		3	743.0	16.2	6.53	2.80	58	

Static at Time Sampled	Total Gallons Purged	Sample Time
15.33	3	1110

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 1871 Project No : 165521 Date: 3/24/09

Well No. MW-1 Purge Method: Sub

Depth to Water (feet): 12.76 Depth to Product (feet): ———

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

Water Column (feet): 11.24 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 15.01 1 Well Volume (gallons): 8

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0913			8	612.6	16.8	7.00	1.31	-39	
	0920		16	617.6	18.4	6.74	1.60	-32	
			24						

Static at Time Sampled	Total Gallons Purged	Sample Time
14.99	19	1115

Comments: DRY AT 19 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 (µS/cm)	Temperature (F , C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 04/01/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 1871
BC Work Order: 0903913
Invoice ID: B059710

Enclosed are the results of analyses for samples received by the laboratory on 3/24/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC
21 Technology Drive
Irvine, CA 92618

Project: 1871
Project Number: 4510932415
Project Manager: Anju Farfan

Reported: 04/01/2009 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0903913-01	COC Number:	---	Receive Date:	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	03/24/2009 10:05	Global ID: T0600101493
	Sampling Location:	---	Sample Depth:	---	Location ID (FieldPoint): MW-11
	Sampling Point:	MW-11	Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0903913-02	COC Number:	---	Receive Date:	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	03/24/2009 10:20	Global ID: T0600101493
	Sampling Location:	---	Sample Depth:	---	Location ID (FieldPoint): MW-10
	Sampling Point:	MW-10	Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0903913-03	COC Number:	---	Receive Date:	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	03/24/2009 10:40	Global ID: T0600101493
	Sampling Location:	---	Sample Depth:	---	Location ID (FieldPoint): MW-7
	Sampling Point:	MW-7	Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0903913-04	COC Number:	---	Receive Date:	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	Sampling Date:	03/24/2009 10:48	Global ID: T0600101493
	Sampling Location:	---	Sample Depth:	---	Location ID (FieldPoint): MW-8
	Sampling Point:	MW-8	Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 1871 Project Number: 4510932415 Project Manager: Anju Farfan	**Reported:** 04/01/2009 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0903913-05	**COC Number:**	---	**Receive Date:**	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	**Sampling Date:**	03/24/2009 11:00	Global ID: T0600101493
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-6
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0903913-06	**COC Number:**	---	**Receive Date:**	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	**Sampling Date:**	03/24/2009 11:10	Global ID: T0600101493
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-9
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0903913-07	**COC Number:**	---	**Receive Date:**	03/24/2009 21:20	Delivery Work Order:
	Project Number:	1871	**Sampling Date:**	03/24/2009 11:15	Global ID: T0600101493
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-1
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 1871
Project Number: 4510932415
Project Manager: Anju Farfan

Reported: 04/01/2009 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-01 | **Client Sample Name:** 1871, MW-11, 3/24/2009 10:05:00AM

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	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.5	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	96.2	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 02:59	SVM	MS-V9	1	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-02 | **Client Sample Name:** 1871, MW-10, 3/24/2009 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:25	SVM	MS-V9	1	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-03 | **Client Sample Name:** 1871, MW-7, 3/24/2009 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	**0.50**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 03:51**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	**9.2**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 03:51**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	**98**	**ug/L**	**50**		**Luft-GC/MS**	**03/27/09**	**03/28/09 03:51**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	99.1	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 03:51	SVM	MS-V9	1	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-04 | **Client Sample Name:** 1871, MW-8, 3/24/2009 10:48:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	**4.4**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 04:17**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 04:17	SVM	MS-V9	1	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-05 | **Client Sample Name:** 1871, MW-6, 3/24/2009 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	**10**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 16:28**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	**73**	**ug/L**	**50**		**Luft-GC/MS**	**03/27/09**	**03/28/09 16:28**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	97.3	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:28	SVM	MS-V9	1	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-06 | **Client Sample Name:** 1871, MW-9, 3/24/2009 11:10:00AM

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	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847	ND	
Methyl t-butyl ether	**180**	**ug/L**	**5.0**		**EPA-8260**	**03/27/09**	**03/30/09 15:00**	**SVM**	**MS-V9**	**10**	**BSC1847**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847	ND	
t-Butyl alcohol	**24**	**ug/L**	**10**		**EPA-8260**	**03/27/09**	**03/28/09 16:54**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	**120**	**ug/L**	**50**		**Luft-GC/MS**	**03/27/09**	**03/28/09 16:54**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847		
1,2-Dichloroethane-d4 (Surrogate)	92.2	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:00	SVM	MS-V9	10	BSC1847		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:00	SVM	MS-V9	10	BSC1847		
4-Bromofluorobenzene (Surrogate)	96.7	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 16:54	SVM	MS-V9	1	BSC1847		
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:00	SVM	MS-V9	10	BSC1847		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0903913-07 | **Client Sample Name:** 1871, MW-1, 3/24/2009 11:15:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**6.8**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 17:20**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Ethylbenzene	**140**	**ug/L**	**5.0**		**EPA-8260**	**03/27/09**	**03/30/09 15:27**	**SVM**	**MS-V9**	**10**	**BSC1847**	**ND**	**A01**
Methyl t-butyl ether	**28**	**ug/L**	**0.50**		**EPA-8260**	**03/27/09**	**03/28/09 17:20**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	03/27/09	03/28/09 17:20	SVM	MS-V9	1	BSC1847	ND	
Total Xylenes	**140**	**ug/L**	**1.0**		**EPA-8260**	**03/27/09**	**03/28/09 17:20**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
t-Butyl alcohol	**390**	**ug/L**	**10**		**EPA-8260**	**03/27/09**	**03/28/09 17:20**	**SVM**	**MS-V9**	**1**	**BSC1847**	**ND**	
Ethanol	ND	ug/L	250		EPA-8260	03/27/09	03/28/09 17:20	SVM	MS-V9	1	BSC1847	ND	
Total Purgeable Petroleum Hydrocarbons	**3500**	**ug/L**	**500**		**Luft-GC/MS**	**03/27/09**	**03/30/09 15:27**	**SVM**	**MS-V9**	**10**	**BSC1847**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 17:20	SVM	MS-V9	1	BSC1847		
1,2-Dichloroethane-d4 (Surrogate)	97.6	%	76 - 114 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:27	SVM	MS-V9	10	BSC1847		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 17:20	SVM	MS-V9	1	BSC1847		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:27	SVM	MS-V9	10	BSC1847		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/30/09 15:27	SVM	MS-V9	10	BSC1847		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/27/09	03/28/09 17:20	SVM	MS-V9	1	BSC1847		

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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	BSC1847	Matrix Spike	0903906-01	0	30.629	25.000	ug/L		123		70 - 130	
		Matrix Spike Duplicate	0903906-01	0	30.413	25.000	ug/L	0.8	122	20	70 - 130	
Toluene	BSC1847	Matrix Spike	0903906-01	0	26.048	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0903906-01	0	26.038	25.000	ug/L	0	104	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSC1847	Matrix Spike	0903906-01	ND	10.378	10.000	ug/L		104		76 - 114	
		Matrix Spike Duplicate	0903906-01	ND	10.437	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BSC1847	Matrix Spike	0903906-01	ND	9.9418	10.000	ug/L		99.4		88 - 110	
		Matrix Spike Duplicate	0903906-01	ND	9.9885	10.000	ug/L		99.9		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSC1847	Matrix Spike	0903906-01	ND	9.8513	10.000	ug/L		98.5		86 - 115	
		Matrix Spike Duplicate	0903906-01	ND	9.6426	10.000	ug/L		96.4		86 - 115	

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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	BSC1847	BSC1847-BS1	LCS	30.543	25.000	0.50	ug/L	122		70 - 130		
Toluene	BSC1847	BSC1847-BS1	LCS	26.596	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSC1847	BSC1847-BS1	LCS	10.018	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BSC1847	BSC1847-BS1	LCS	10.041	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSC1847	BSC1847-BS1	LCS	9.9032	10.000		ug/L	99.0		86 - 115		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BSC1847	BSC1847-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSC1847	BSC1847-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSC1847	BSC1847-BLK1	ND	ug/L	0.50		
Toluene	BSC1847	BSC1847-BLK1	ND	ug/L	0.50		
Total Xylenes	BSC1847	BSC1847-BLK1	ND	ug/L	1.0		
t-Butyl alcohol	BSC1847	BSC1847-BLK1	ND	ug/L	10		
Ethanol	BSC1847	BSC1847-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSC1847	BSC1847-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSC1847	BSC1847-BLK1	98.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSC1847	BSC1847-BLK1	98.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSC1847	BSC1847-BLK1	95.0	%	86 - 115 (LCL - UCL)		

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Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

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Submission #: 09-03913

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

☒ COC Received ☒ YES ☐ NO

Emissivity: .98 Container: GA Thermometer ID: TH163

Temperature: A 1.0 °C / C 1.0 °C

2131 Date/Time 03-24-09

Analyst Init AM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE/NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
P/A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	A3	~~A1~~		
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: AMD Date/Time: 3/25/09-1100

A = Actual / C = Corrected

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

CHK BY [signature] DISTRIBUTION

SUB-OUT ☐

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

0903913

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 # 01120-4510932415
State: CA Zip:	Project #: 165521
Conoco Phillips Mgr: TERRY GRAYSON	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/~~OXYS~~ TBA BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS				Turnaround Time Requested
1		MW-11	3/24/09-1005	GW					X	X	X				STD
2		MW-10	1020	↓					↓	↓	↓				↓
3		MW-7	1040	↓					↓	↓	↓				↓
4		MW-8	1048	↓					↓	↓	↓				↓
5		MW-6	1100	↓					↓	↓	↓				↓
6		MW-9	1110	↓					↓	↓	↓				↓
7		MW-1	1115	↓					↓	↓	↓				↓

Comments:	Relinquished by: (Signature)	Received by:	Date & Time
	[signature]	REFRIGERATED	3/24/09 - 1245
GLOBAL ID: T0600101493	Relinquished by: (Signature) [signature]	Received by: [signature]	Date & Time 3/24/09 1515
	Relinquished by: (Signature) [signature] 3/24/09	Received by: [signature]	Date & Time 3-24-09 1805
	[signature] 3-24-09 2115	[signature]	3-24-09 2220

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.