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Alameda County
Environmental Health

June 23, 2008

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

Re: Quarterly Summary Report – First Quarter 2008

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



Dear Ms. Jakubs,

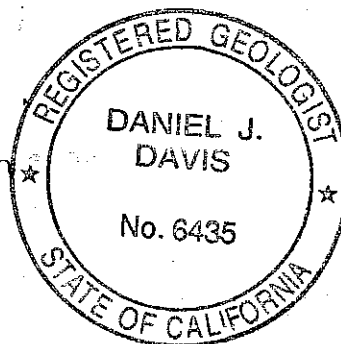
On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC's *Quarterly Monitoring Report January through March 2008*, dated April 16, 2008 for the above site. TRC has uploaded a copy of their report to the GeoTracker database.

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

Sincerely,
Delta Consultants

A handwritten signature in black ink, appearing to read "Daniel J. Davis".

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



Enclosure

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

QUARTERLY SUMMARY REPORT
First Quarter 2008

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

County: Alameda

SITE DESCRIPTION

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

SITE BACKGROUND AND ACTIVITY

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

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

January 1993 Quarterly groundwater sampling and monitoring began.

August 1994 A 280-gallon single-wall steel waste oil UST was replaced with a 550-gallon double-wall fiberglass UST. Confirmation 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 25, 2008, reported depth to groundwater ranged from 6.74 feet (MW-10) to 15.74 feet (MW-11) below top of casing (TOC).

The groundwater flow direction was reported southwest at a gradient of 0.02. This is inconsistent with a gradient of 0.03 west during the previous sampling event (December 17, 2007). Reported historical groundwater flow direction has been primarily to the southwest.

Dissolved groundwater concentrations are reported as follows.

TPH-G Detected in two of the seven sampled wells with a maximum concentration of 7,400 µg/L (MW-1). This is an increase from the maximum concentration of 4,700 µg/L, reported in the sample from well MW-1 during the previous sampling event.

Benzene Detected in one of the seven sampled wells with a maximum concentration of 28 µg/L in the sample from well MW-1. This is inconsistent with concentrations from the previous event. Historically, results are not reported above laboratory reporting limits in any sampled well.

MTBE Detected in six of the seven sampled wells with a maximum concentration of 340 µg/L (MW-9). This is a decrease from a maximum concentration of 480 µg/L in the sample from well MW-9 during the previous 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 149 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 7,400 µg/L (MW-1) and 340 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. However, within five quarters the TPH-G concentrations were comparable to the highest detected and ozone sparging appears to have little effect based on the analytical results of groundwater samples collected from MW-1.

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 from the onsite source. To date, groundwater samples from downgradient offsite monitoring well MW-10 have not shown similar MTBE concentrations as the other offsite wells. 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 first quarter 2008.

THIS QUARTER ACTIVITIES (First Quarter 2008)

- Delta prepared the *Quarterly Status Report, Fourth Quarter 2007, dated February 29, 2008.*
- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on March 25, 2008.

NEXT QUARTER ACTIVITIES (Second Quarter 2008)

- TRC prepared the Quarterly Monitoring report January through March 2008 dated April 16, 2008.
- TRC will perform the second quarter 2008 groundwater monitoring and sampling event and will prepare a quarterly monitoring report.

CONSULTANT: Delta Consultants



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

DATE: April 16, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008

Dear Mr. Borgh:

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

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan
Groundwater Program Operations Manager

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

Enclosures
20-0400/1871R18.QMS

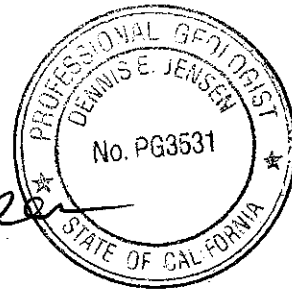
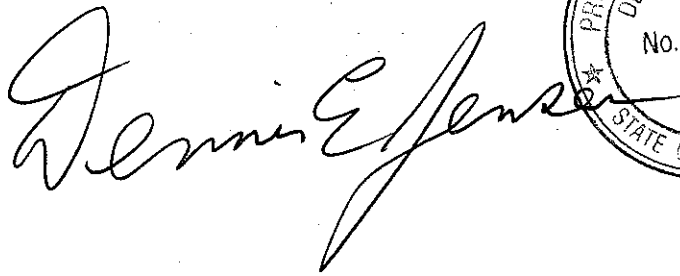
**QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008**

76 STATION 1871
96 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 4/15/08



LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	<p>Table Key</p> <p>Contents of Tables</p> <p>Table 1: Current Fluid Levels and Selected Analytical Results</p> <p>Table 1a: Additional Current Analytical Results</p> <p>Table 2: Historic Fluid Levels and Selected Analytical Results</p> <p>Table 2a: Additional Historic Analytical Results</p>
Figures	<p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map</p> <p>Figure 4: Dissolved-Phase Benzene Concentration Map</p> <p>Figure 5: Dissolved-Phase MTBE Concentration Map</p>
Graphs	<p>Groundwater Elevations vs. Time</p> <p>Benzene Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Field Monitoring Data Sheet - 03/25/08</p> <p>Groundwater Sampling Field Notes - 03/25/08</p> <p>Statement of Non-Completion - 03/25/08</p>
Laboratory Reports	<p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>
Statements	<p>Purge Water Disposal</p> <p>Limitations</p>

Summary of Gauging and Sampling Activities
January 2008 through March 2008
76 Station 1871
96 MacArthur Boulevard
Oakland, CA

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

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

Date(s) of Gauging/Sampling Event: **03/25/08**

Sample Points

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

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.74 feet** Maximum: **15.74 feet**
Average groundwater elevation (relative to available local datum): **69.57 feet**
Average change in groundwater elevation since previous event: **0.74 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, southwest**
 Previous event: **0.03 ft/ft, west (12/17/07)**

Selected Laboratory Results

Sample Points with detected **Benzene**: **1** Sample Points above MCL (1.0 µg/l): **1**
 Maximum reported benzene concentration: **28 µg/l (MW-1)**
Sample Points with **TPH-G by GC/MS** **2** Maximum: **7,400 µg/l (MW-1)**
Sample Points with **MTBE 8260B** **6** Maximum: **340 µg/l (MW-9)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 1871 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 1871

Current Event

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

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
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Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
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Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 25, 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		(Screen Interval in feet: 9.5-24.5)												
03/25/08	86.99	13.56	0.00	73.43	1.01	--	7400	28	ND<2.5	430	540	--	170	
MW-6		(Screen Interval in feet: 5.0-25.0)												
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	
MW-7		(Screen Interval in feet: 5.0-25.0)												
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	
MW-8		(Screen Interval in feet: 5.0-25.0)												
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	
MW-9		(Screen Interval in feet: DNA)												
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	
MW-10		(Screen Interval in feet: DNA)												
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	
MW-11		(Screen Interval in feet: DNA)												
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	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1871

Date Sampled	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 03/25/08	ND<1200	6.70	6.50	-60	-64
MW-6 03/25/08	ND<250	10.03	10.10	-20	-18
MW-7 03/25/08	ND<250	4.77	4.81	-30	-34
MW-8 03/25/08	ND<250	5.22	5.15	70	77
MW-9 03/25/08	ND<1200	6.55	6.67	-10	-14
MW-10 03/25/08	ND<250	4.35	4.40	-10	-12
MW-11 03/25/08	ND<250	8.41	8.40	45	44

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 (Screen Interval in feet: 9.5-24.5)														
11/03/92	--	--	--	--	--	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	
01/21/00	86.24	15.05	0.00	71.19	-1.12	63700	--	5520	2000	2640	13100	57100	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
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	
MW-2 (Screen Interval in feet: DNA)														
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	--	--	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
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: DNA)														
11/03/92	77.48	--	--	--	--	2100	--	120	15	38	200	--	--	
01/25/93	77.48	--	--	--	--	2300	--	80	1	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	--	--	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-3 continued														
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: DNA)														
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: DNA)														
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	--	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
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	
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
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76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7 continued														
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	
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-8 continued														
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	
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	
MW-9 (Screen Interval in feet: DNA)														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-9 continued														
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	
MW-10 (Screen Interval in feet: DNA)														
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-10 continued														
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	
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	
MW-11 (Screen Interval in feet: DNA)														
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-11 continued														
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	
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	

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)	Post-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	21.0
01/07/04	--	--	ND<20000	--	--	--	--	--	--	12.12	12.31	142	24
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.33	13.42	36	34
07/29/04	--	--	ND<2000	--	--	--	--	--	--	5.37	5.51	-2	-4
11/24/04	--	--	ND<2000	--	--	--	--	--	6.58	3.08	4.73	-43	-39
01/24/05	--	--	ND<2000	--	--	--	--	--	--	14.3	17.0	100	96
06/23/05	--	--	ND<50000	--	--	--	--	--	--	--	4.79	-103	--
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	4.73	-91	-94
12/20/05	--	--	ND<250	--	--	--	--	--	--	4.16	2.76	-210	-328
03/10/06	--	--	ND<2500	--	--	--	--	--	--	1.45	1.64	-511	-615
06/23/06	--	--	ND<2500	--	--	--	--	--	--	--	4.31	-030	--
09/27/06	--	--	ND<5000	--	--	--	--	--	--	4.50	4.72	-32	-25
12/22/06	--	--	ND<2500	--	--	--	--	--	--	6.80	2.35	-121	-72
03/23/07	--	--	ND<1200	--	--	--	--	--	--	3.22	3.45	-135	-141
06/29/07	--	--	ND<1200	--	--	--	--	--	--	6.64	7.11	-131	-65
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	7.84	-167	--
12/17/07	--	--	ND<2500	--	--	--	--	--	--	9.74	6.51	-63	-46
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.70	6.50	-60	-64
MW-4													
04/18/96	110	--	--	--	--	--	--	--	--	--	--	--	--
07/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--

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)	Post-purge ORP (mV)
MW-4 continued													
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	175
01/07/04	--	--	ND<1000	--	--	--	--	--	--	12.63	14.29	-12	24
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.63	12.72	9	23
07/29/04	--	--	ND<100	--	--	--	--	--	--	4.74	4.79	-19	-8
11/24/04	--	--	ND<50	--	--	--	--	--	6.99	2.81	5.54	-29	-12
01/24/05	--	--	ND<50	--	--	--	--	--	--	14.5	15.3	72	70
06/23/05	--	--	ND<1000	--	--	--	--	--	--	1.86	1.73	70	71
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.63	2.57	-74	-80
12/20/05	--	--	ND<250	--	--	--	--	--	--	1.52	2.30	-280	-217
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.25	0.80	173	224
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.39	-105	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	2.54	3.01	-109	-104
12/22/06	--	--	ND<5000	--	--	--	--	--	--	1.22	4.03	-46	-67
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.64	3.62	-101	-92
06/29/07	--	--	ND<250	--	--	--	--	--	--	8.49	6.78	171	84
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.36	8.40	167	154

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)	Post-purge ORP (mV)
MW-6 continued													
12/17/07	--	--	ND<250	--	--	--	--	--	--	10.19	9.38	-23	-14
03/25/08	--	--	ND<250	--	--	--	--	--	--	10.03	10.10	-20	-18
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	153
01/07/04	--	--	ND<200000	--	--	--	--	--	--	10.79	10.85	23	5
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.41	11.32	24	10
07/29/04	--	--	ND<5000	--	--	--	--	--	--	4.10	3.96	17	18
11/24/04	--	--	ND<5000	--	--	--	--	--	6.60	1.99	3.29	-43	-24
01/24/05	--	--	ND<5000	--	--	--	--	--	--	17.2	14.5	71	48
06/23/05	--	--	ND<50000	--	--	--	--	--	--	2.84	2.18	-37	-32
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	3.63	-81	-85
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.04	2.03	-263	-256
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.28	0.95	164	-179
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.95	-119	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	3.16	3.98	-107	-95
12/22/06	--	--	ND<25000	--	--	--	--	--	--	2.25	2.03	-86	-101
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.38	3.75	-49	-47
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.16	7.96	30	26
12/19/07	--	--	ND<250	--	--	--	--	--	--	6.70	6.72	-17	-13
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.77	4.81	-30	-34
MW-8													
06/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--

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)	Post-purge ORP (mV)
MW-8 continued													
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	197
01/07/04	--	--	ND<50000	--	--	--	--	--	--	9.94	13.13	-15	21
04/02/04	--	--	ND<2000	--	--	--	--	--	--	13.37	12.82	-10	16
07/29/04	--	--	ND<2500	--	--	--	--	--	--	3.68	3.73	18	30
11/24/04	--	--	ND<1000	--	--	--	--	--	6.67	3.97	2.71	-36	-20
01/24/05	--	--	ND<2500	--	--	--	--	--	--	41.6	41.2	56	60
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.05	2.13	58	56
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.12	1.98	-40	-26
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.02	3.72	-402	-326
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.51	0.99	-182	-181
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	2.81	-135	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	4.87	4.91	-155	-139
12/22/06	--	--	ND<250	--	--	--	--	--	--	1.80	2.40	16	12
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.52	3.90	25	22
06/29/07	--	--	ND<250	--	--	--	--	--	--	5.35	5.29	98	92
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.18	7.24	16	22
12/17/07	--	--	ND<250	--	--	--	--	--	--	6.95	5.26	26	24
03/25/08	--	--	ND<250	--	--	--	--	--	--	5.22	5.15	70	77
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	203

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

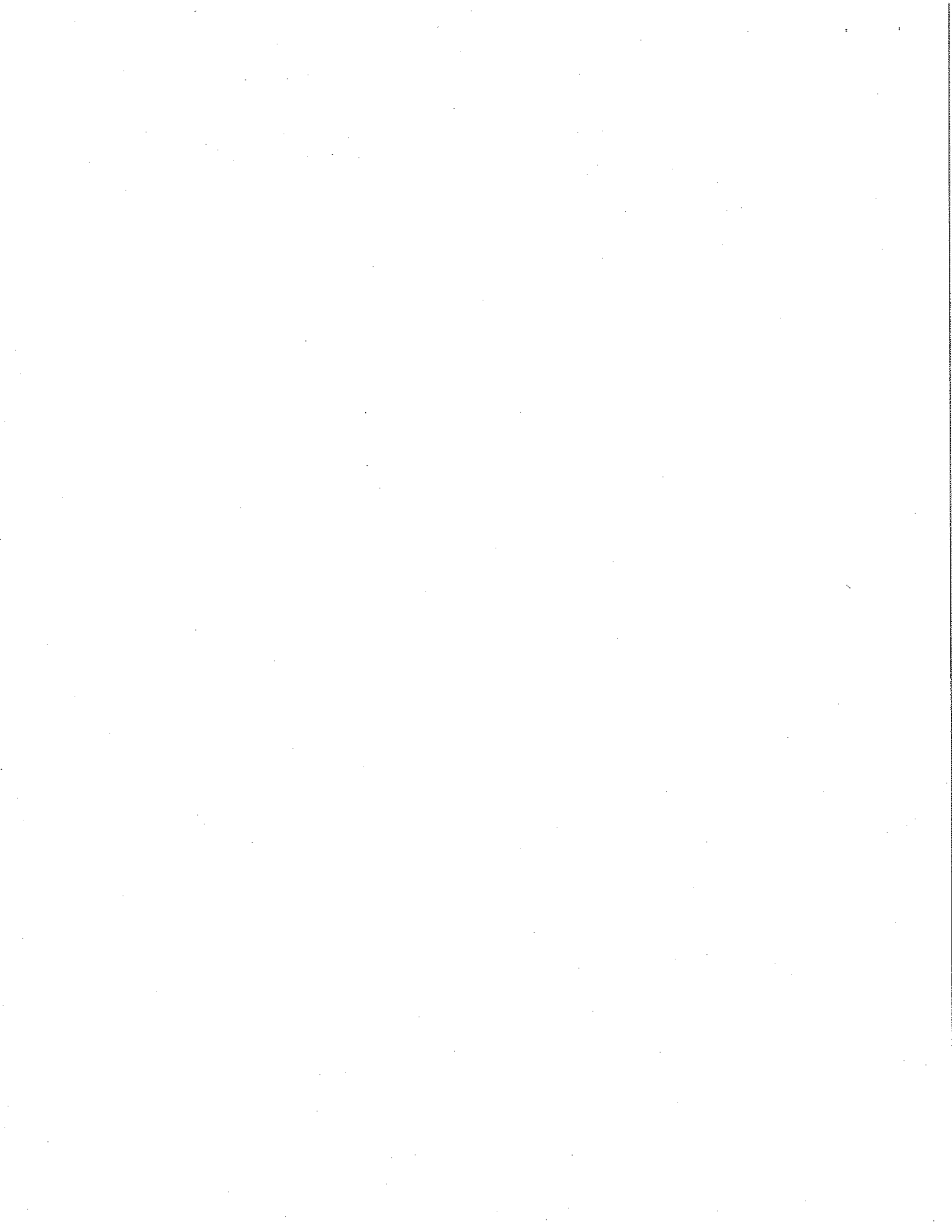
Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-9 continued													
01/07/04	--	--	ND<10000	--	--	--	--	--	--	10.45	12.00	9	27
04/02/04	--	--	ND<500	--	--	--	--	--	--	16.37	13.21	12	32
07/29/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<500	--	--	--	--	--	6.47	3.24	1.71	-68	-67
01/24/05	--	--	ND<1000	--	--	--	--	--	--	26.0	22.5	-45	-45
06/23/05	--	--	ND<10000	--	--	--	--	--	--	1.50	1.44	-136	-144
09/28/05	--	--	ND<50000	--	--	--	--	--	--	2.51	1.67	-94	-119
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.05	4.67	-102	-42
03/10/06	--	--	ND<2500	--	--	--	--	--	--	2.82	2.13	160	161
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	0.84	-65	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	0.68	0.75	-61	-43
12/22/06	--	--	ND<250	--	--	--	--	--	--	9.00	4.89	-44	-70
03/23/07	--	--	ND<250	--	--	--	--	--	--	6.85	5.33	-114	-82
06/29/07	--	--	ND<250	--	--	--	--	--	--	6.87	6.25	23	22
09/28/07	--	--	ND<1200	--	--	--	--	--	--	7.17	7.04	30	30
12/17/07	--	--	ND<250	--	--	--	--	--	--	5.05	4.81	-27	-35
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.55	6.67	-10	-14
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	213
01/07/04	--	--	ND<500	--	--	--	--	--	--	10.04	11.62	35	59
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.91	12.02	42	45
07/29/04	--	--	ND<50	--	--	--	--	--	--	4.81	4.83	83	102
11/24/04	--	--	ND<50	--	--	--	--	--	6.89	2.59	3.07	-39	-29

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)	Post-purge ORP (mV)
MW-10 continued													
01/24/05	--	--	ND<50	--	--	--	--	--	--	27.5	25.5	87	84
06/23/05	--	--	ND<1000	--	--	--	--	--	--	7.83	176	40	44
09/28/05	--	--	ND<1000	--	--	--	--	--	--	6.95	2.37	-66	-64
12/20/05	--	--	ND<250	--	--	--	--	--	--	3.85	3.45	59	58
03/10/06	--	--	ND<250	--	--	--	--	--	--	2.52	4.48	87	83
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	1.49	-68	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	1.79	1.55	-85	-65
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.20	3.00	107	85
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.09	5.01	-60	--
06/29/07	--	--	ND<250	--	--	--	--	--	--	9.12	6.27	165	172
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.34	8.21	124	126
12/17/07	--	--	ND<250	--	--	--	--	--	--	4.97	4.46	-15	-2
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.35	4.40	-10	-12
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	255
01/07/04	--	--	ND<500	--	--	--	--	--	--	11.69	13.82	99	103
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.94	14.08	-1	108
07/29/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<50	--	--	--	--	--	6.75	3.85	4.32	82	143
01/24/05	--	--	ND<50	--	--	--	--	--	--	30.01	32.6	79	83
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.17	2.16	76	82
09/28/05	--	--	ND<1000	--	--	--	--	--	--	4.97	4.59	-4	-1
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.16	4.77	35	070

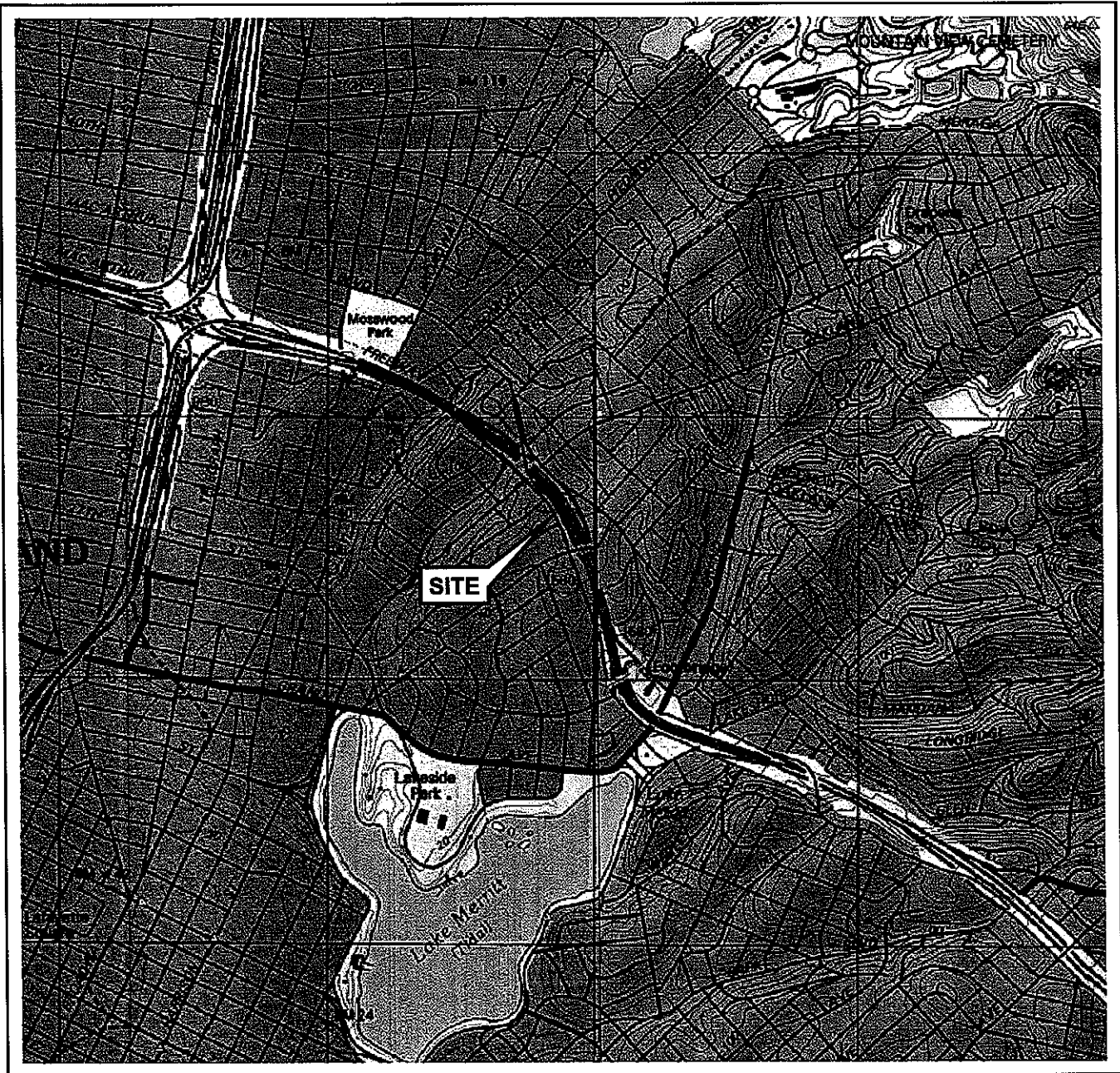
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

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)	Post-purge ORP (mV)
MW-11 continued													
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.11	9.99	68	97
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	7.74	-26	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	5.72	5.98	32	40
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.81	4.35	46	44
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.47	5.85	38	34
06/29/07	--	--	ND<250	--	--	--	--	--	--	7.87	7.80	242	223
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.24	7.30	280	244
12/17/07	--	--	ND<250	--	--	--	--	--	--	8.71	8.01	47	46
03/25/08	--	--	ND<250	--	--	--	--	--	--	8.41	8.40	45	44



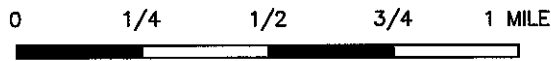
FIGURES

PS=1:1 L:\DQMS VICINITY MAP S01871vm.dwg Nov 15, 2007 - 11:15am cvlong



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland Quadrangle



SCALE 1:24,000



QUADRANGLE
LOCATION



PROJECT: 154771





FACILITY:

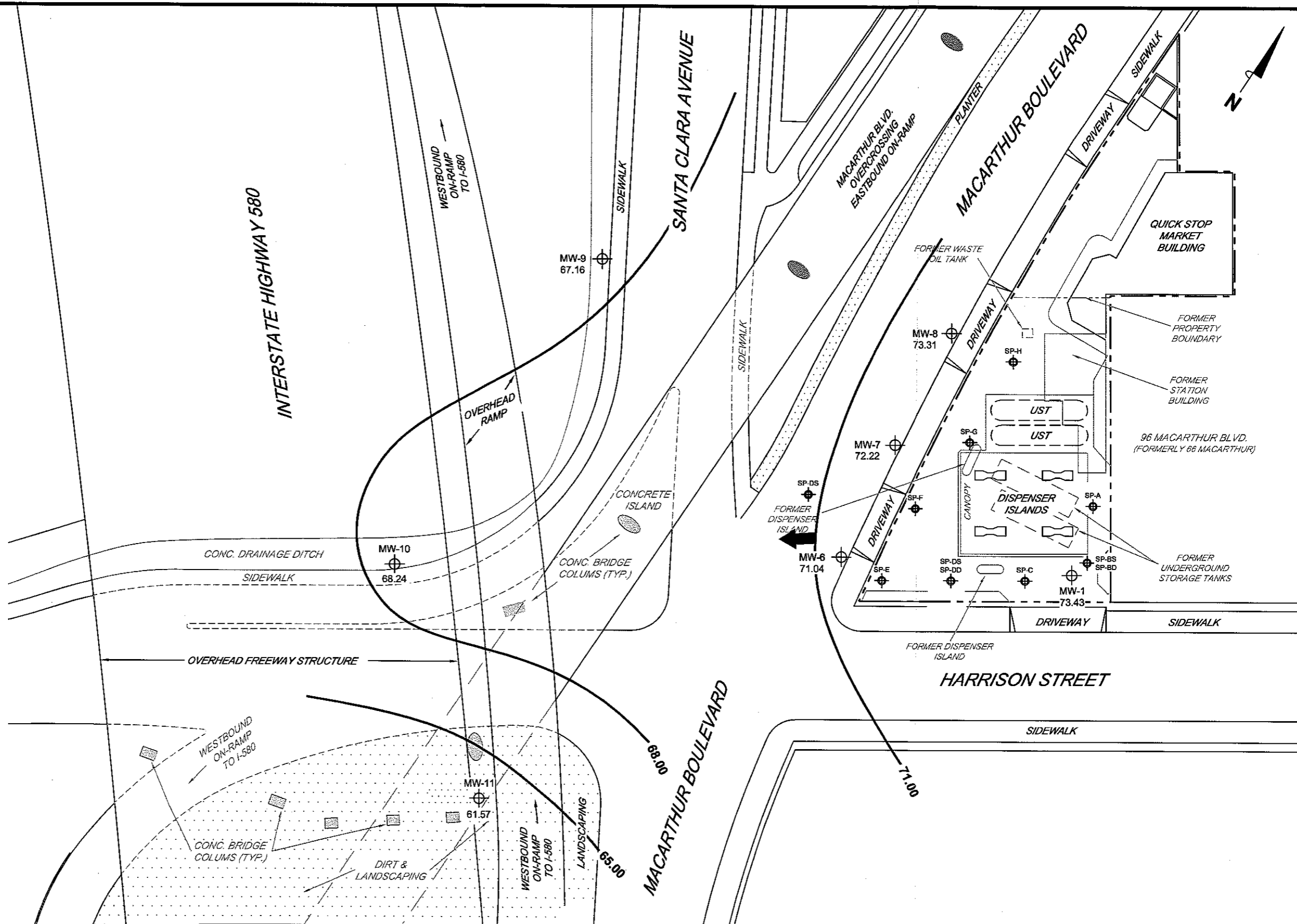
76 STATION 1871
96 MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

LEGEND

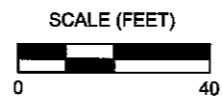
- MW-11  Monitoring Well with Groundwater Elevation (feet)
- SP-H  Ozone Sparge Well
- 71.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



MS=1:40 1871-003 L:\Graphics\CMS NORTH-SOUTH\1871-003\1871-QMS(NEW).DWG Apr 15, 2008 - 7:21am cvuong

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.



PROJECT: 154771
 FACILITY:
 76 STATION 1871
 96 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

**GROUNDWATER ELEVATION
 CONTOUR MAP**
 March 25, 2008

FIGURE 2

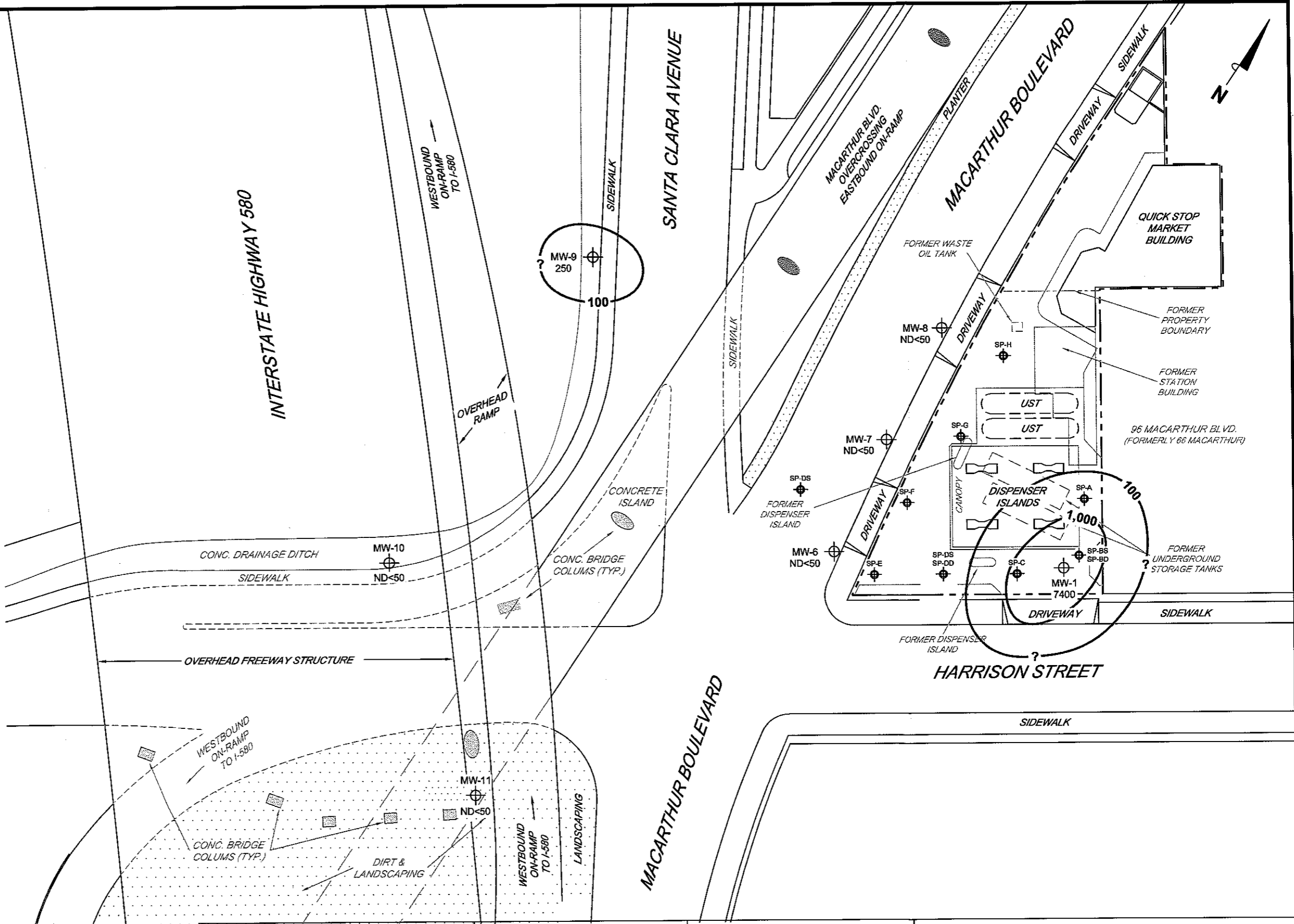
LEGEND

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

SP-H Ozone Sparge Well

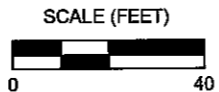
1,000 Dissolved-Phase TPH-G (GC/MS) Contour ($\mu\text{g/l}$)

MS=1:40 1871-003 L:\Graphics\GMS NORTH-SOUTH\1871-000\1871-003\1871-QMS(NEW).DWG Apr 14, 2008 - 2:37pm cduong



NOTES:

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



PROJECT: 154771




FACILITY:
 76 STATION 1871
 96 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

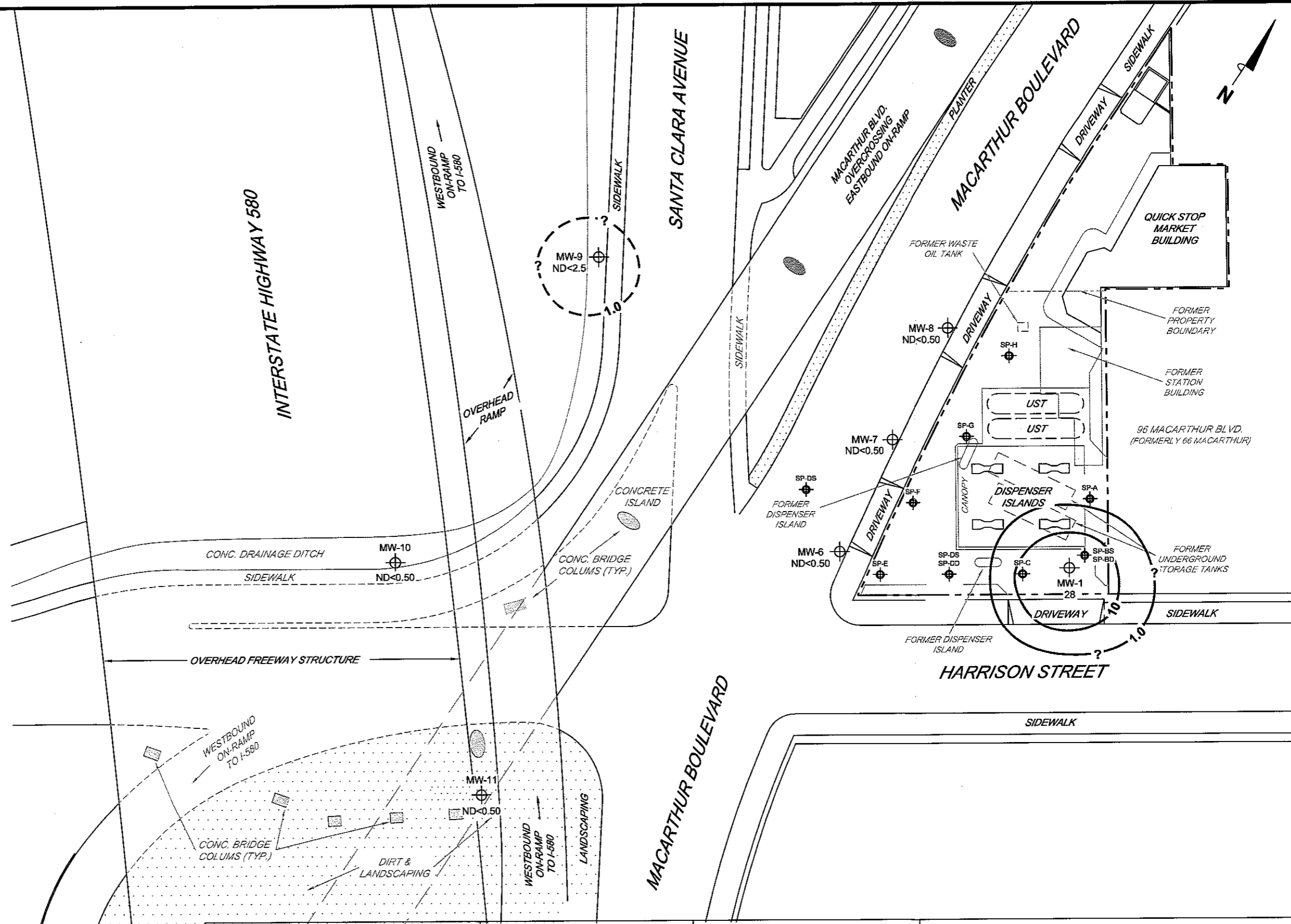
**DISSOLVED-PHASE TPH-G (GC/MS)
 CONCENTRATION MAP**
 March 25, 2008

FIGURE 3

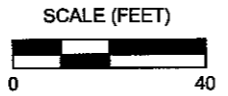
MS=1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\1871-000\1871-01871\QMS(NEW)\DWG Apr 14, 2008 - 2:37pm cvuong

LEGEND

- MW-11  Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- SP-H  Ozone Sparge Well
-  10 Dissolved-Phase Benzene Contour (µg/l)



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. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank.






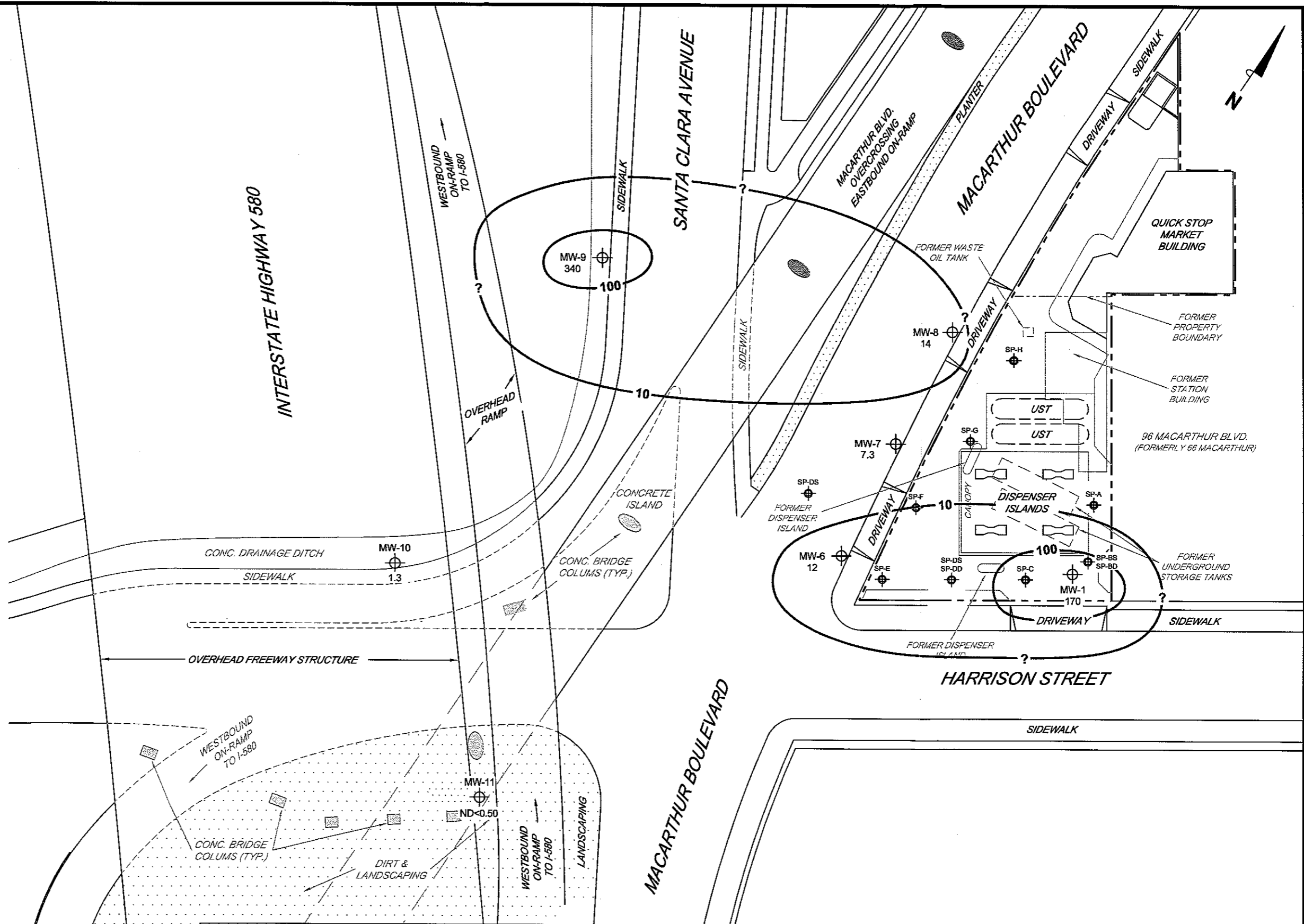
PROJECT: 154771
 FACILITY:
 76 STATION 1871
 96 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP**
 March 25, 2008

FIGURE 4

LEGEND

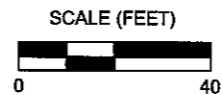
- MW-11  Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- SP-H  Ozone Sparge Well
- 100  Dissolved-Phase MTBE Contour (µg/l)



MS-1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\1871-1000\1871-1000\1871-003\1871-003.dwg Apr 15, 2008 - 7:27am cvuong

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.



PROJECT: 154771

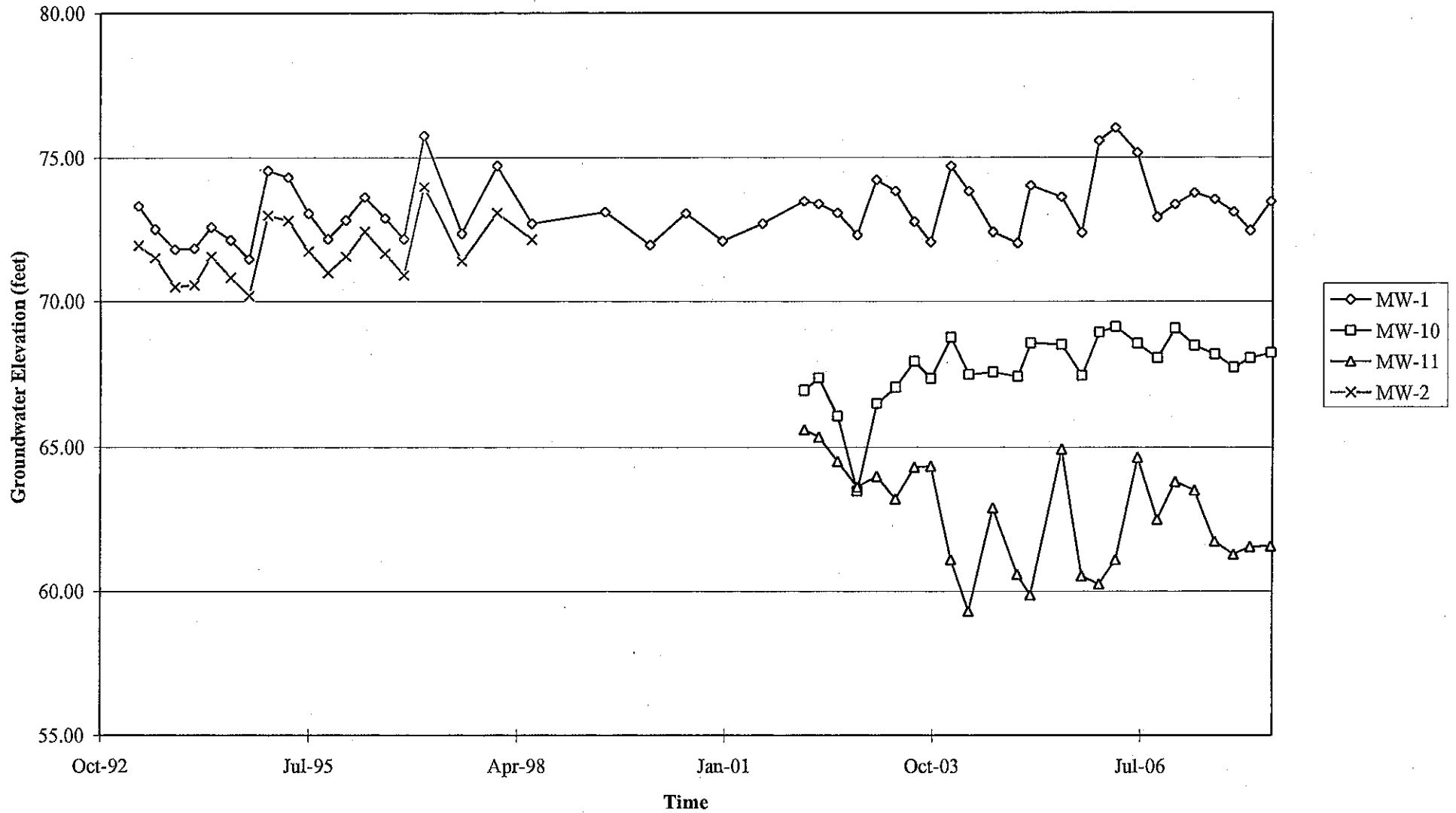
FACILITY:
76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE
CONCENTRATION MAP**
March 25, 2008

FIGURE 5

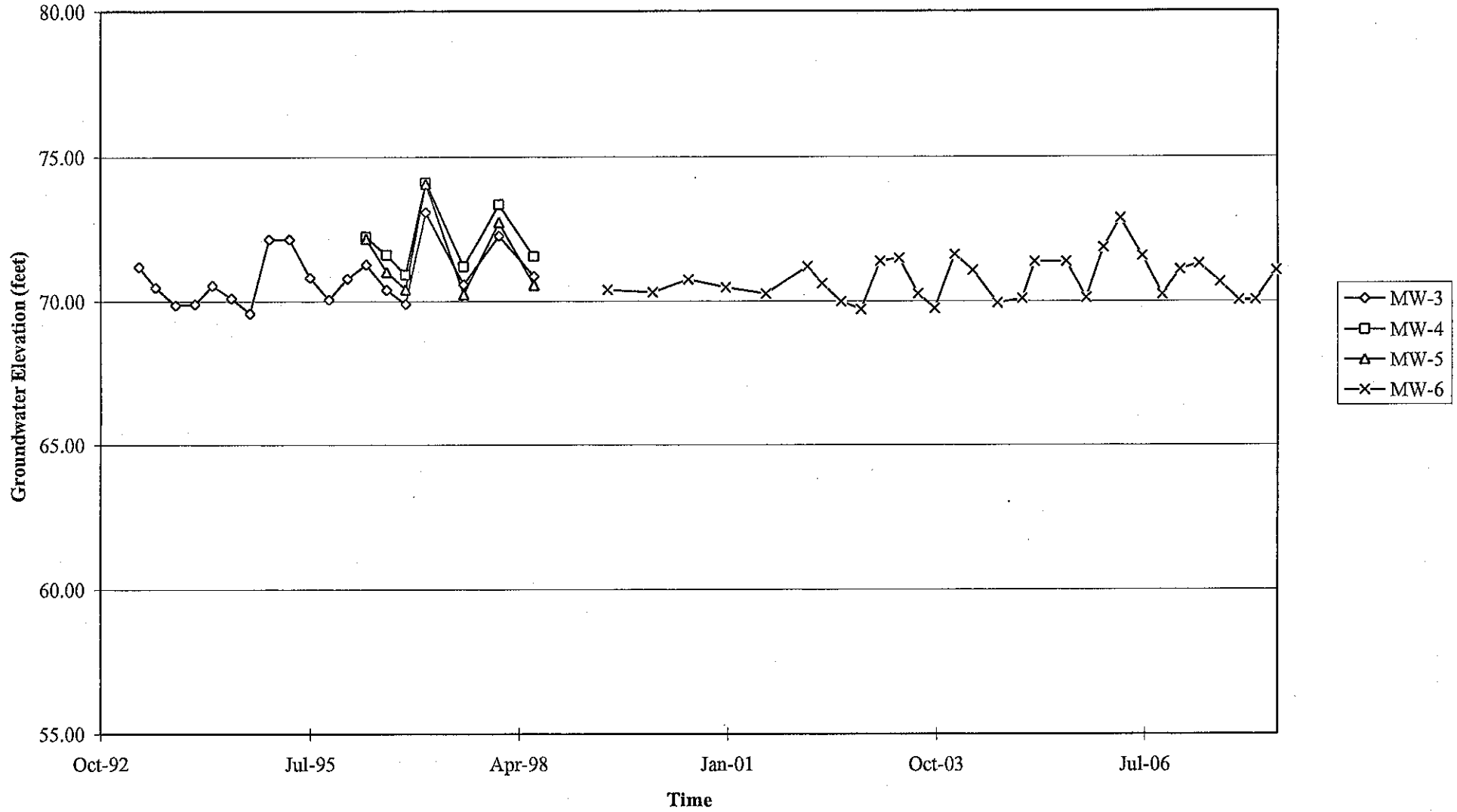
GRAPHS

Groundwater Elevations vs. Time
76 Station 1871



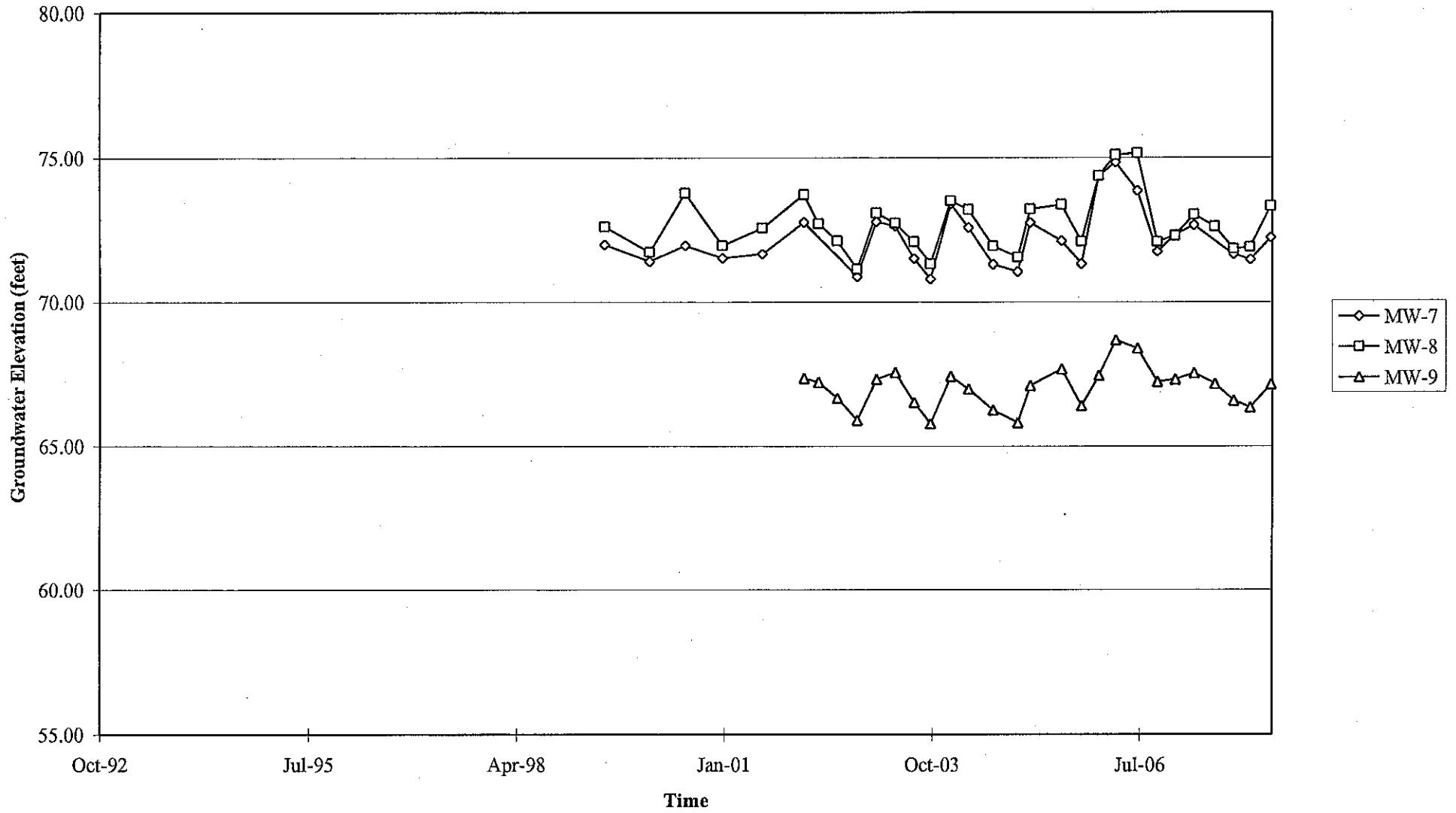
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1871



Elevations may have been corrected for apparent changes due to resurvey

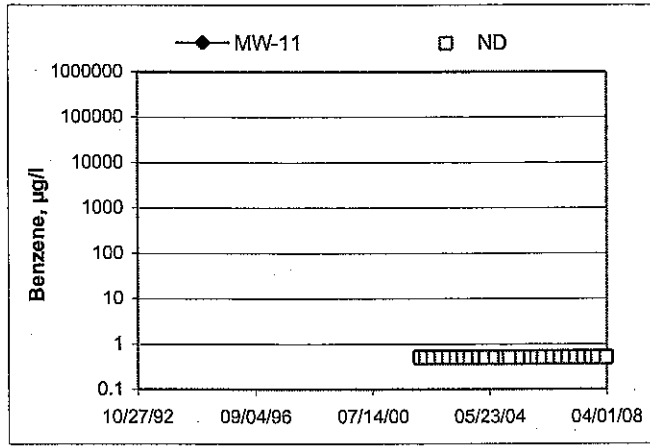
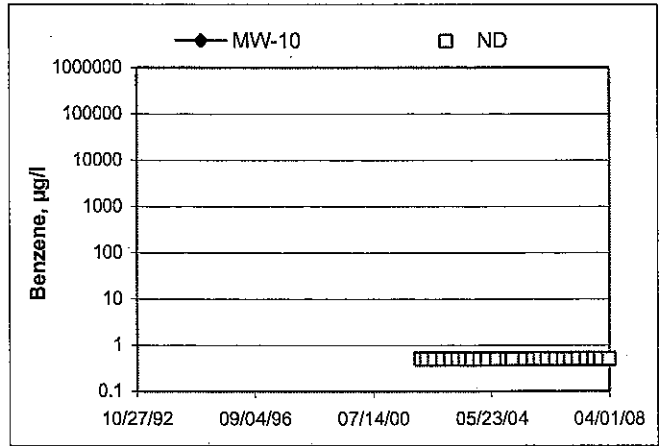
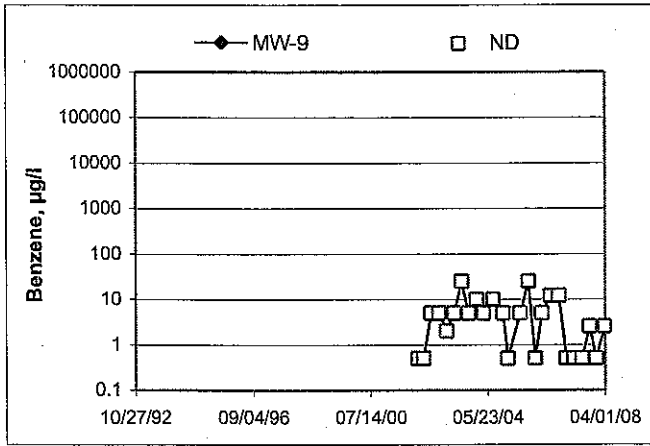
Groundwater Elevations vs. Time
76 Station 1871



Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time

76 Station 1871



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-11

Purge Method: HB

Depth to Water (feet): 15.74

Depth to Product (feet):

Total Depth (feet): 30.07

LPH & Water Recovered (gallons):

Water Column (feet): 14.33

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.60

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0800</u>			<u>2</u>	<u>2736</u>	<u>16.6</u>	<u>8.31</u>	<u>8.40</u>	<u>45</u>	
			<u>4</u>	<u>2749</u>	<u>15.9</u>	<u>8.21</u>	<u>8.36</u>	<u>45</u>	
	<u>0807</u>		<u>6</u>	<u>2758</u>	<u>15.7</u>	<u>8.11</u>	<u>8.41</u>	<u>44</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>17.2F</u>			<u>6</u>		<u>1020</u>				
Comments:									

Well No. MW-7

Purge Method: SUB

Depth to Water (feet): 8.45

Depth to Product (feet):

Total Depth (feet): 24.30

LPH & Water Recovered (gallons):

Water Column (feet): 15.85

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.62

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0851</u>			<u>2</u>	<u>609.7</u>	<u>16.1</u>	<u>7.71</u>	<u>4.81</u>	<u>-30</u>	
			<u>4</u>	<u>598.1</u>	<u>16.3</u>	<u>7.71</u>	<u>4.80</u>	<u>-34</u>	
	<u>0856</u>		<u>6</u>	<u>593.1</u>	<u>16.6</u>	<u>7.63</u>	<u>4.77</u>	<u>-34</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>8.55</u>			<u>6</u>		<u>1055</u>				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1821

Project No.: 15471

Date: 3/25/08

Well No. MW-10

Purge Method: HB

Depth to Water (feet): 6.74

Depth to Product (feet):

Total Depth (feet): 19.99

LPH & Water Recovered (gallons):

Water Column (feet): 13.25

Casing Diameter (Inches): 2'

80% Recharge Depth(feet): 9.39

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0825</u>			<u>2</u>	<u>471.1</u>	<u>14.1</u>	<u>8.32</u>	<u>4.40</u>	<u>-10</u>	
			<u>4</u>	<u>464.6</u>	<u>14.1</u>	<u>8.22</u>	<u>4.38</u>	<u>-11</u>	
	<u>0833</u>		<u>6</u>	<u>462.1</u>	<u>14.3</u>	<u>8.17</u>	<u>4.35</u>	<u>-12</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>7.00</u>			<u>6</u>		<u>1040</u>				
Comments:									

Well No. MW-8

Purge Method: SUB

Depth to Water (feet): 8.40

Depth to Product (feet):

Total Depth (feet): 24.55

LPH & Water Recovered (gallons):

Water Column (feet): 16.15

Casing Diameter (Inches): 2'

80% Recharge Depth(feet): 11.63

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0900			<u>3</u>	<u>694.7</u>	<u>16.2</u>	<u>7.67</u>	<u>5.15</u>	<u>70</u>	
			<u>6</u>	<u>697.5</u>	<u>16.4</u>	<u>7.61</u>	<u>5.20</u>	<u>77</u>	
	<u>0904</u>		<u>9</u>	<u>705.0</u>	<u>17.0</u>	<u>7.54</u>	<u>5.22</u>	<u>77</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>10.58</u>			<u>9</u>		<u>1100</u>				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-1

Purge Method: SUB

Depth to Water (feet): 13.56

Depth to Product (feet): —

Total Depth (feet): 24.00

LPH & Water Recovered (gallons): —

Water Column (feet): 10.44

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 15.64

1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0918</u>			<u>7</u>	<u>443.4</u>	<u>17.0</u>	<u>8.00</u>	<u>6.50</u>	<u>-60</u>	
	<u>0923</u>		<u>14</u>	<u>448.4</u>	<u>18.2</u>	<u>7.86</u>	<u>6.67</u>	<u>-64</u>	
			<u>21</u>				<u>6.70</u>	<u>-64</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16.45</u>			<u>17</u>			<u>1105</u>			
Comments: <u>Well went dry @ 17 gallons.</u>									

Well No. MW-6

Purge Method: SUB

Depth to Water (feet): 8.63

Depth to Product (feet): —

Total Depth (feet): 24.76

LPH & Water Recovered (gallons): —

Water Column (feet): 15.93

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.01

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0842</u>			<u>3</u>	<u>790.6</u>	<u>16.2</u>	<u>7.88</u>	<u>10.10</u>	<u>-20</u>	
			<u>6</u>	<u>829.9</u>	<u>16.7</u>	<u>7.70</u>	<u>10.02</u>	<u>-19</u>	
	<u>0848</u>		<u>9</u>	<u>814.0</u>	<u>17.4</u>	<u>7.60</u>	<u>10.03</u>	<u>-19</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>9.50</u>			<u>9</u>			<u>1050</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-9

Purge Method: HB

Depth to Water (feet): 14.91

Depth to Product (feet): —

Total Depth (feet): 19.91

LPH & Water Recovered (gallons): —

Water Column (feet): 5.00

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 15.91

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0815</u>			<u>1</u>	<u>781.1</u>	<u>16.0</u>	<u>8.51</u>	<u>6.67</u>	<u>-10</u>	
			<u>2</u>	<u>700.3</u>	<u>16.1</u>	<u>8.42</u>	<u>6.59</u>	<u>-12</u>	
	<u>0821</u>		<u>3</u>	<u>719.0</u>	<u>16.0</u>	<u>8.27</u>	<u>6.55</u>	<u>-14</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>14.92</u>			<u>3</u>			<u>1030</u>			
Comments:									

Well No. _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____

1 Well Volume (gallons): _____

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



Date of Report: 04/02/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 1871
BC Work Order: 0803917

Enclosed are the results of analyses for samples received by the laboratory on 03/25/2008 20:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Molly Meyers". The signature is written in black ink and is positioned above a horizontal line.

Contact Person: Molly Meyers
Client Service Rep

A handwritten signature in cursive script, which is mostly illegible but appears to be a name. The signature is written in black ink and is positioned above a horizontal line.

Authorized Signature



TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0803917-01	COC Number:	---		03/25/2008 20:30	03/25/2008 10:20	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-11										
	Sampling Point:	MW-11										
	Sampled By:	TRCI										
0803917-02	COC Number:	---		03/25/2008 20:30	03/25/2008 10:55	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-7										
	Sampling Point:	MW-7										
	Sampled By:	TRCI										
0803917-03	COC Number:	---		03/25/2008 20:30	03/25/2008 10:40	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-10										
	Sampling Point:	MW-10										
	Sampled By:	TRCI										
0803917-04	COC Number:	---		03/25/2008 20:30	03/25/2008 11:00	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-8										
	Sampling Point:	MW-8										
	Sampled By:	TRCI										
0803917-05	COC Number:	---		03/25/2008 20:30	03/25/2008 11:05	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-1										
	Sampling Point:	MW-1										
	Sampled By:	TRCI										

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:
0803917-06	COC Number:	---	03/25/2008 20:30	03/25/2008 10:50	---	Water	Global ID: T0600101493
	Project Number:	1871					Matrix: W
	Sampling Location:	MW-6					Sample QC Type (SACode): CS
	Sampling Point:	MW-6					Cooler ID:
	Sampled By:	TRCI					
0803917-07	COC Number:	---	03/25/2008 20:30	03/25/2008 10:30	---	Water	Global ID: T0600101493
	Project Number:	1871					Matrix: W
	Sampling Location:	MW-9					Sample QC Type (SACode): CS
	Sampling Point:	MW-9					Cooler ID:
	Sampled By:	TRCI					

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-01		Client Sample Name: 1871, MW-11, MW-11, 3/25/2008 10:20:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-02		Client Sample Name: 1871, MW-7, MW-7, 3/25/2008 10:55:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep	Run		Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time	Batch ID				Bias	Quals	
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	7.3	ug/L	0.50		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	97.8	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08	23:02	ken	MS-V12	1	BRC1842		

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-03		Client Sample Name: 1871, MW-10, MW-10, 3/25/2008 10:40:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	1.3	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		

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Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-04		Client Sample Name: 1871, MW-8, MW-8, 3/25/2008 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	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	14	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		

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 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0803917-05		Client Sample Name:	1871, MW-1, MW-1, 3/25/2008 11:05:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	28	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Ethylbenzene	430	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Methyl t-butyl ether	170	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Total Xylenes	540	ug/L	5.0		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Total Purgeable Petroleum Hydrocarbons	7400	ug/L	250		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			

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Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-06		Client Sample Name: 1871, MW-6, MW-6, 3/25/2008 10:50:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	12	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		

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 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-07		Client Sample Name: 1871, MW-9, MW-9, 3/25/2008 10:30:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Ethylbenzene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Methyl t-butyl ether	340	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Total Xylenes	ND	ug/L	5.0		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Total Purgeable Petroleum Hydrocarbons	250	ug/L	250		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01,A90	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			

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

Reported: 04/02/2008 13:02

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	Percent Recovery Lab Quals
Benzene	BRC1842	Matrix Spike	0804107-01	0	22.160	25.000	ug/L		88.6		70 - 130
		Matrix Spike Duplicate	0804107-01	0	24.680	25.000	ug/L	10.8	98.7	20	70 - 130
Toluene	BRC1842	Matrix Spike	0804107-01	0	23.900	25.000	ug/L		95.6		70 - 130
		Matrix Spike Duplicate	0804107-01	0	24.550	25.000	ug/L	2.7	98.2	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	9.9500	10.000	ug/L		99.5		76 - 114
		Matrix Spike Duplicate	0804107-01	ND	10.250	10.000	ug/L		102		76 - 114
Toluene-d8 (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	10.050	10.000	ug/L		100		88 - 110
		Matrix Spike Duplicate	0804107-01	ND	9.9500	10.000	ug/L		99.5		88 - 110
4-Bromofluorobenzene (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	10.280	10.000	ug/L		103		86 - 115
		Matrix Spike Duplicate	0804107-01	ND	9.6500	10.000	ug/L		96.5		86 - 115

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRC1842	BRC1842-BS1	LCS	25.830	25.000	0.50	ug/L	103		70 - 130		
Toluene	BRC1842	BRC1842-BS1	LCS	26.260	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	BRC1842-BS1	LCS	10.250	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRC1842	BRC1842-BS1	LCS	9.9800	10.000		ug/L	99.8		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRC1842	BRC1842-BS1	LCS	9.8300	10.000		ug/L	98.3		86 - 115		

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Irvine, CA 92618

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

Reported: 04/02/2008 13:02

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	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Toluene	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Total Xylenes	BRC1842	BRC1842-BLK1	ND	ug/L	1.0		
Ethanol	BRC1842	BRC1842-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BRC1842	BRC1842-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	BRC1842-BLK1	113	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC1842	BRC1842-BLK1	97.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC1842	BRC1842-BLK1	98.6	%	86 - 115 (LCL - UCL)		



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

Reported: 04/02/2008 13:02

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.

Submission #: 0803917

Project Code:

TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

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

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

COC Received YES NO

Ice Chest ID Temperature: 1.9 °C Thermometer ID: 48

Emissivity 97 Container QJA

Date/Time 3-25-08 Analyst Init [Signature]

Table with columns for Sample Containers and Sample Numbers (1-10). Rows include various sample types like QT GENERAL MINERAL, PT PE UNPRESERVED, etc. Handwritten 'A3' is present in the Sample Numbers columns for several rows.

Comments: Sample Numbering Completed By: [Signature]

Date/Time: 3/26/08 1150

BC LABORATORIES, INC.

0803917

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

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<i>[Signature]</i>
CHAIN OF CUSTODY	

Analysis Requested

Circle one: Phillips 66 / Unocal		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, TPH-g by 8015	TPH -g by 8015M	TPH -D by 8015	TPH-g by GC/MS	BTEX/MTBE/GAS BY 8260B	EDB/EDC by 8260B	ETHANOL by 8260B	Turnaround Time Requested
Address: 96 MacArthur Blvd		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City: Oakland		4-digit site#: 1871										
State: CA Zip:		Work Order# 01120-4509117982										
COP Manager:		Project #: 154771										
		Sampler Name: Alex										

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, TPH-g by 8015	TPH -g by 8015M	TPH -D by 8015	TPH-g by GC/MS	BTEX/MTBE/GAS BY 8260B	EDB/EDC by 8260B	ETHANOL by 8260B	Turnaround Time Requested
	-1	MW-11	3/28/08 1020	GW				X	X		X	STD
	-2	MW-7	1055									
	-3	MW-10	1040									
	-4	MW-8	1100									
	-5	MW-1	1108									
	-6	MW-6	1050									
	-7	MW-9	1030									

Comments: Global ID: T0600101493	Relinquished by:	Received by:	Date & Time:
	<i>[Signature]</i>	FRIDGE	3/25/08 1300
	Relinquished by (Signature):	Received by:	Date & Time:
<i>[Signature]</i>	Ross Dickey	3/25/08 1575	
Relinquished by (Signature):	Received by:	Date & Time:	
<i>[Signature]</i> 3/25/08	RR Ruynd	3-25-08 1700	

(A) = ANALYSIS

(C) = CONTAINER

(P) = PRESERVATIVE

Reviewed 3-25-08 2015 Army 3-25-8 2030

STATEMENTS

Purge Water Disposal

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

Limitations

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



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

DATE: April 16, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008

Dear Mr. Borgh:

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

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan
Groundwater Program Operations Manager

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

Enclosures
20-0400/1871R18.QMS

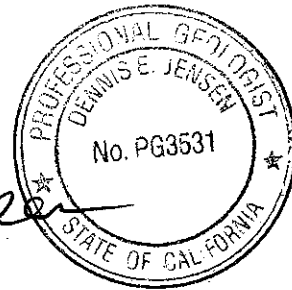
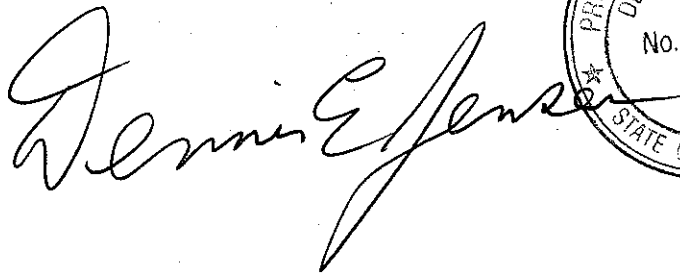
**QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008**

76 STATION 1871
96 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 4/15/08



LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	<p>Table Key</p> <p>Contents of Tables</p> <p>Table 1: Current Fluid Levels and Selected Analytical Results</p> <p>Table 1a: Additional Current Analytical Results</p> <p>Table 2: Historic Fluid Levels and Selected Analytical Results</p> <p>Table 2a: Additional Historic Analytical Results</p>
Figures	<p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map</p> <p>Figure 4: Dissolved-Phase Benzene Concentration Map</p> <p>Figure 5: Dissolved-Phase MTBE Concentration Map</p>
Graphs	<p>Groundwater Elevations vs. Time</p> <p>Benzene Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Field Monitoring Data Sheet - 03/25/08</p> <p>Groundwater Sampling Field Notes - 03/25/08</p> <p>Statement of Non-Completion - 03/25/08</p>
Laboratory Reports	<p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>
Statements	<p>Purge Water Disposal</p> <p>Limitations</p>

Summary of Gauging and Sampling Activities
January 2008 through March 2008
76 Station 1871
96 MacArthur Boulevard
Oakland, CA

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

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

Date(s) of Gauging/Sampling Event: **03/25/08**

Sample Points

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

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.74 feet** Maximum: **15.74 feet**
Average groundwater elevation (relative to available local datum): **69.57 feet**
Average change in groundwater elevation since previous event: **0.74 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, southwest**
 Previous event: **0.03 ft/ft, west (12/17/07)**

Selected Laboratory Results

Sample Points with detected **Benzene**: **1** Sample Points above MCL (1.0 µg/l): **1**
 Maximum reported benzene concentration: **28 µg/l (MW-1)**
Sample Points with **TPH-G by GC/MS** **2** Maximum: **7,400 µg/l (MW-1)**
Sample Points with **MTBE 8260B** **6** Maximum: **340 µg/l (MW-9)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 1871 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 1871

Current Event

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

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
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Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
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Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 25, 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		(Screen Interval in feet: 9.5-24.5)												
03/25/08	86.99	13.56	0.00	73.43	1.01	--	7400	28	ND<2.5	430	540	--	170	
MW-6		(Screen Interval in feet: 5.0-25.0)												
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	
MW-7		(Screen Interval in feet: 5.0-25.0)												
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	
MW-8		(Screen Interval in feet: 5.0-25.0)												
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	
MW-9		(Screen Interval in feet: DNA)												
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	
MW-10		(Screen Interval in feet: DNA)												
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	
MW-11		(Screen Interval in feet: DNA)												
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	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1871

Date Sampled	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 03/25/08	ND<1200	6.70	6.50	-60	-64
MW-6 03/25/08	ND<250	10.03	10.10	-20	-18
MW-7 03/25/08	ND<250	4.77	4.81	-30	-34
MW-8 03/25/08	ND<250	5.22	5.15	70	77
MW-9 03/25/08	ND<1200	6.55	6.67	-10	-14
MW-10 03/25/08	ND<250	4.35	4.40	-10	-12
MW-11 03/25/08	ND<250	8.41	8.40	45	44

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 (Screen Interval in feet: 9.5-24.5)														
11/03/92	--	--	--	--	--	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	
01/21/00	86.24	15.05	0.00	71.19	-1.12	63700	--	5520	2000	2640	13100	57100	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
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	
MW-2 (Screen Interval in feet: DNA)														
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	--	--	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
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: DNA)														
11/03/92	77.48	--	--	--	--	2100	--	120	15	38	200	--	--	
01/25/93	77.48	--	--	--	--	2300	--	80	1	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	--	--	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
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: DNA)														
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: DNA)														
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	--	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6 continued														
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	
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	

Table 2
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6 continued														
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	
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	
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	

Table 2
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(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7 continued														
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	
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	
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	

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(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-8 continued														
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	
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	
MW-9 (Screen Interval in feet: DNA)														
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	
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	

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(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-9 continued														
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	
MW-10 (Screen Interval in feet: DNA)														
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
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	
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	
MW-11	(Screen Interval in feet: DNA)													
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 1992 Through March 2008
76 Station 1871

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-11 continued														
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	
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	

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)	Post-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	21.0
01/07/04	--	--	ND<20000	--	--	--	--	--	--	12.12	12.31	142	24
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.33	13.42	36	34
07/29/04	--	--	ND<2000	--	--	--	--	--	--	5.37	5.51	-2	-4
11/24/04	--	--	ND<2000	--	--	--	--	--	6.58	3.08	4.73	-43	-39
01/24/05	--	--	ND<2000	--	--	--	--	--	--	14.3	17.0	100	96
06/23/05	--	--	ND<50000	--	--	--	--	--	--	--	4.79	-103	--
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	4.73	-91	-94
12/20/05	--	--	ND<250	--	--	--	--	--	--	4.16	2.76	-210	-328
03/10/06	--	--	ND<2500	--	--	--	--	--	--	1.45	1.64	-511	-615
06/23/06	--	--	ND<2500	--	--	--	--	--	--	--	4.31	-030	--
09/27/06	--	--	ND<5000	--	--	--	--	--	--	4.50	4.72	-32	-25
12/22/06	--	--	ND<2500	--	--	--	--	--	--	6.80	2.35	-121	-72
03/23/07	--	--	ND<1200	--	--	--	--	--	--	3.22	3.45	-135	-141
06/29/07	--	--	ND<1200	--	--	--	--	--	--	6.64	7.11	-131	-65
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	7.84	-167	--
12/17/07	--	--	ND<2500	--	--	--	--	--	--	9.74	6.51	-63	-46
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.70	6.50	-60	-64
MW-4													
04/18/96	110	--	--	--	--	--	--	--	--	--	--	--	--
07/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--

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)	Post-purge ORP (mV)
MW-4 continued													
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	175
01/07/04	--	--	ND<1000	--	--	--	--	--	--	12.63	14.29	-12	24
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.63	12.72	9	23
07/29/04	--	--	ND<100	--	--	--	--	--	--	4.74	4.79	-19	-8
11/24/04	--	--	ND<50	--	--	--	--	--	6.99	2.81	5.54	-29	-12
01/24/05	--	--	ND<50	--	--	--	--	--	--	14.5	15.3	72	70
06/23/05	--	--	ND<1000	--	--	--	--	--	--	1.86	1.73	70	71
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.63	2.57	-74	-80
12/20/05	--	--	ND<250	--	--	--	--	--	--	1.52	2.30	-280	-217
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.25	0.80	173	224
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.39	-105	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	2.54	3.01	-109	-104
12/22/06	--	--	ND<5000	--	--	--	--	--	--	1.22	4.03	-46	-67
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.64	3.62	-101	-92
06/29/07	--	--	ND<250	--	--	--	--	--	--	8.49	6.78	171	84
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.36	8.40	167	154

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)	Post-purge ORP (mV)
MW-6 continued													
12/17/07	--	--	ND<250	--	--	--	--	--	--	10.19	9.38	-23	-14
03/25/08	--	--	ND<250	--	--	--	--	--	--	10.03	10.10	-20	-18
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	153
01/07/04	--	--	ND<200000	--	--	--	--	--	--	10.79	10.85	23	5
04/02/04	--	--	ND<2000	--	--	--	--	--	--	12.41	11.32	24	10
07/29/04	--	--	ND<5000	--	--	--	--	--	--	4.10	3.96	17	18
11/24/04	--	--	ND<5000	--	--	--	--	--	6.60	1.99	3.29	-43	-24
01/24/05	--	--	ND<5000	--	--	--	--	--	--	17.2	14.5	71	48
06/23/05	--	--	ND<50000	--	--	--	--	--	--	2.84	2.18	-37	-32
09/28/05	--	--	ND<1000	--	--	--	--	--	--	3.45	3.63	-81	-85
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.04	2.03	-263	-256
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.28	0.95	164	-179
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	3.95	-119	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	3.16	3.98	-107	-95
12/22/06	--	--	ND<25000	--	--	--	--	--	--	2.25	2.03	-86	-101
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.38	3.75	-49	-47
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.16	7.96	30	26
12/19/07	--	--	ND<250	--	--	--	--	--	--	6.70	6.72	-17	-13
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.77	4.81	-30	-34
MW-8													
06/18/99	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--

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)	Post-purge ORP (mV)
MW-8 continued													
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	197
01/07/04	--	--	ND<50000	--	--	--	--	--	--	9.94	13.13	-15	21
04/02/04	--	--	ND<2000	--	--	--	--	--	--	13.37	12.82	-10	16
07/29/04	--	--	ND<2500	--	--	--	--	--	--	3.68	3.73	18	30
11/24/04	--	--	ND<1000	--	--	--	--	--	6.67	3.97	2.71	-36	-20
01/24/05	--	--	ND<2500	--	--	--	--	--	--	41.6	41.2	56	60
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.05	2.13	58	56
09/28/05	--	--	ND<1000	--	--	--	--	--	--	2.12	1.98	-40	-26
12/20/05	--	--	ND<250	--	--	--	--	--	--	2.02	3.72	-402	-326
03/10/06	--	--	ND<250	--	--	--	--	--	--	1.51	0.99	-182	-181
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	2.81	-135	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	4.87	4.91	-155	-139
12/22/06	--	--	ND<250	--	--	--	--	--	--	1.80	2.40	16	12
03/23/07	--	--	ND<250	--	--	--	--	--	--	3.52	3.90	25	22
06/29/07	--	--	ND<250	--	--	--	--	--	--	5.35	5.29	98	92
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.18	7.24	16	22
12/17/07	--	--	ND<250	--	--	--	--	--	--	6.95	5.26	26	24
03/25/08	--	--	ND<250	--	--	--	--	--	--	5.22	5.15	70	77
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	203

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	pH (lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(pH)	(mg/l)	(mg/l)	(mV)	(mV)
MW-9 continued													
01/07/04	--	--	ND<10000	--	--	--	--	--	--	10.45	12.00	9	27
04/02/04	--	--	ND<500	--	--	--	--	--	--	16.37	13.21	12	32
07/29/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<500	--	--	--	--	--	6.47	3.24	1.71	-68	-67
01/24/05	--	--	ND<1000	--	--	--	--	--	--	26.0	22.5	-45	-45
06/23/05	--	--	ND<10000	--	--	--	--	--	--	1.50	1.44	-136	-144
09/28/05	--	--	ND<50000	--	--	--	--	--	--	2.51	1.67	-94	-119
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.05	4.67	-102	-42
03/10/06	--	--	ND<2500	--	--	--	--	--	--	2.82	2.13	160	161
06/23/06	--	--	ND<6200	--	--	--	--	--	--	--	0.84	-65	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	0.68	0.75	-61	-43
12/22/06	--	--	ND<250	--	--	--	--	--	--	9.00	4.89	-44	-70
03/23/07	--	--	ND<250	--	--	--	--	--	--	6.85	5.33	-114	-82
06/29/07	--	--	ND<250	--	--	--	--	--	--	6.87	6.25	23	22
09/28/07	--	--	ND<1200	--	--	--	--	--	--	7.17	7.04	30	30
12/17/07	--	--	ND<250	--	--	--	--	--	--	5.05	4.81	-27	-35
03/25/08	--	--	ND<1200	--	--	--	--	--	--	6.55	6.67	-10	-14
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	213
01/07/04	--	--	ND<500	--	--	--	--	--	--	10.04	11.62	35	59
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.91	12.02	42	45
07/29/04	--	--	ND<50	--	--	--	--	--	--	4.81	4.83	83	102
11/24/04	--	--	ND<50	--	--	--	--	--	6.89	2.59	3.07	-39	-29

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1871

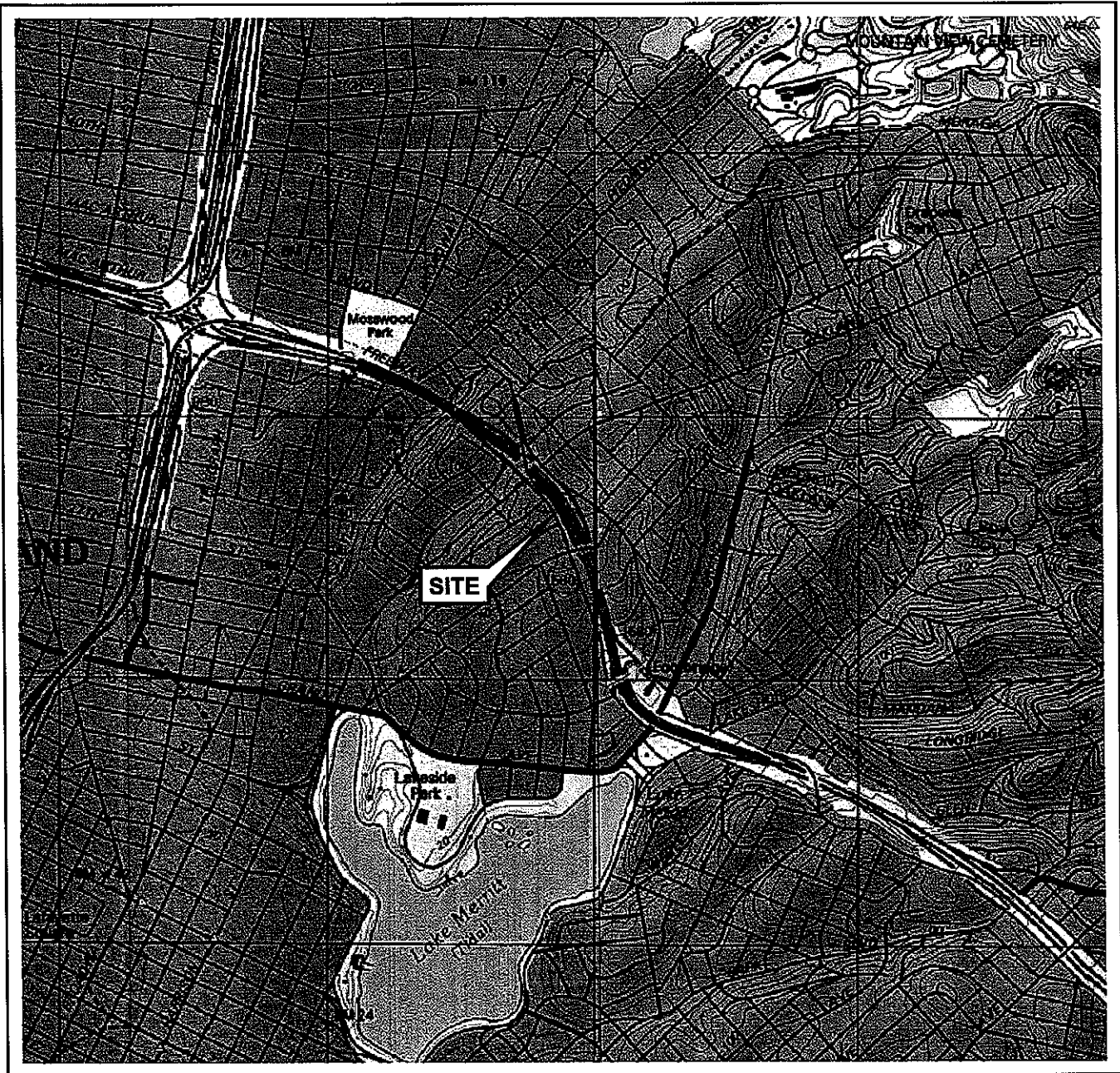
Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	pH (lab) (pH)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-10 continued													
01/24/05	--	--	ND<50	--	--	--	--	--	--	27.5	25.5	87	84
06/23/05	--	--	ND<1000	--	--	--	--	--	--	7.83	176	40	44
09/28/05	--	--	ND<1000	--	--	--	--	--	--	6.95	2.37	-66	-64
12/20/05	--	--	ND<250	--	--	--	--	--	--	3.85	3.45	59	58
03/10/06	--	--	ND<250	--	--	--	--	--	--	2.52	4.48	87	83
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	1.49	-68	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	1.79	1.55	-85	-65
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.20	3.00	107	85
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.09	5.01	-60	--
06/29/07	--	--	ND<250	--	--	--	--	--	--	9.12	6.27	165	172
09/28/07	--	--	ND<250	--	--	--	--	--	--	8.34	8.21	124	126
12/17/07	--	--	ND<250	--	--	--	--	--	--	4.97	4.46	-15	-2
03/25/08	--	--	ND<250	--	--	--	--	--	--	4.35	4.40	-10	-12
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	255
01/07/04	--	--	ND<500	--	--	--	--	--	--	11.69	13.82	99	103
04/02/04	--	--	ND<50	--	--	--	--	--	--	11.94	14.08	-1	108
07/29/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
11/24/04	--	--	ND<50	--	--	--	--	--	6.75	3.85	4.32	82	143
01/24/05	--	--	ND<50	--	--	--	--	--	--	30.01	32.6	79	83
06/23/05	--	--	ND<1000	--	--	--	--	--	--	2.17	2.16	76	82
09/28/05	--	--	ND<1000	--	--	--	--	--	--	4.97	4.59	-4	-1
12/20/05	--	--	ND<250	--	--	--	--	--	--	5.16	4.77	35	070

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)	Post-purge ORP (mV)
MW-11 continued													
03/10/06	--	--	ND<250	--	--	--	--	--	--	5.11	9.99	68	97
06/23/06	--	--	ND<250	--	--	--	--	--	--	--	7.74	-26	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	5.72	5.98	32	40
12/22/06	--	--	ND<250	--	--	--	--	--	--	3.81	4.35	46	44
03/23/07	--	--	ND<250	--	--	--	--	--	--	5.47	5.85	38	34
06/29/07	--	--	ND<250	--	--	--	--	--	--	7.87	7.80	242	223
09/28/07	--	--	ND<250	--	--	--	--	--	--	7.24	7.30	280	244
12/17/07	--	--	ND<250	--	--	--	--	--	--	8.71	8.01	47	46
03/25/08	--	--	ND<250	--	--	--	--	--	--	8.41	8.40	45	44

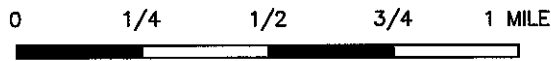
FIGURES

PS=1:1 L:\DQMS VICINITY MAP S01871vm.dwg Nov 15, 2007 - 11:15am cvlong



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland Quadrangle



SCALE 1:24,000



QUADRANGLE
LOCATION



PROJECT: 154771





FACILITY:

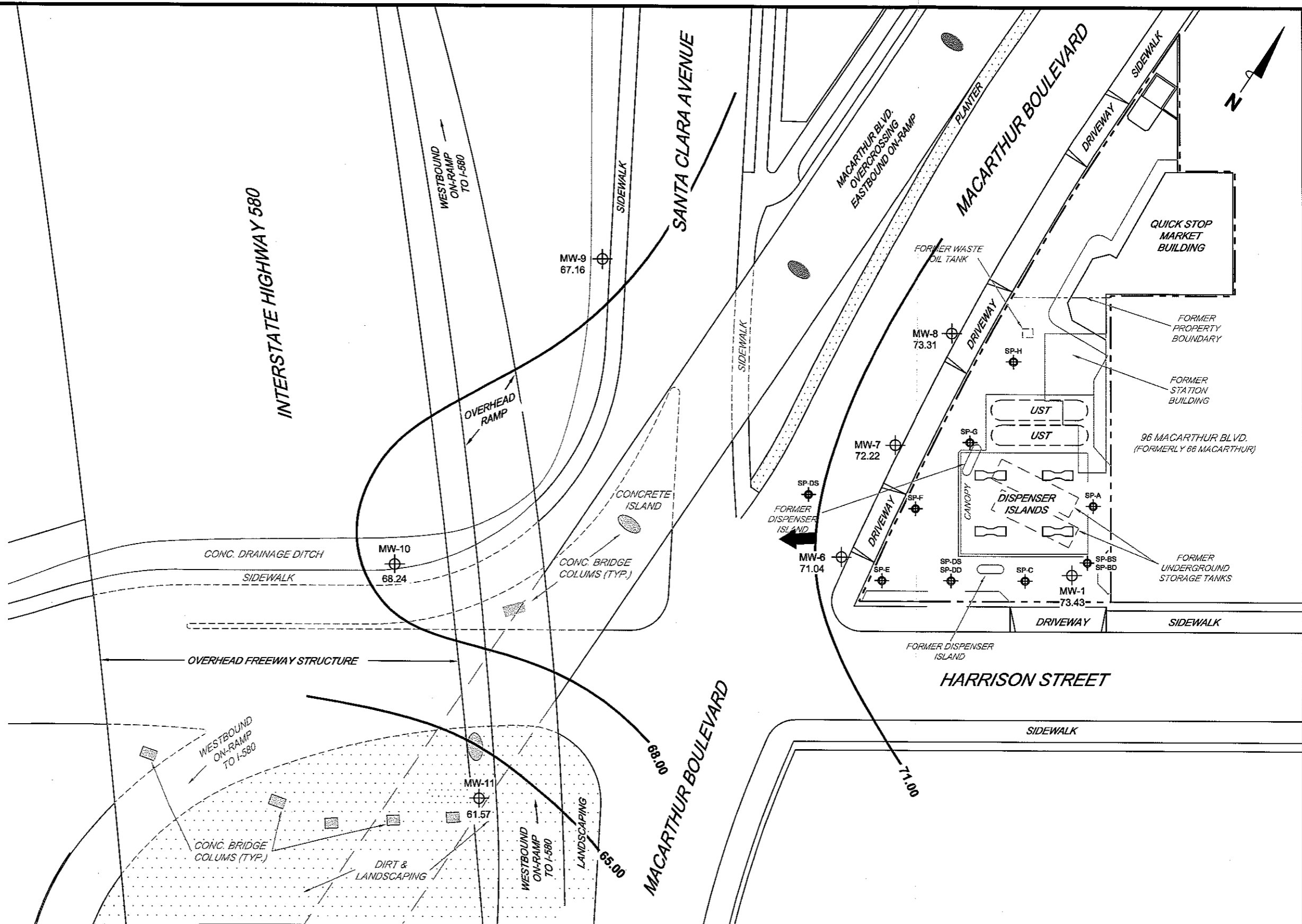
76 STATION 1871
96 MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

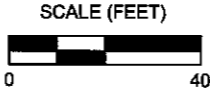
LEGEND

- MW-11  Monitoring Well with Groundwater Elevation (feet)
- SP-H  Ozone Sparge Well
- 71.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



MS=1:40 1871-003 L:\Graphics\CMS NORTH-SOUTH\10000\1871\1871-QMS(NEW).DWG Apr 15, 2008 - 7:21am cvuong

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.



PROJECT: 154771
 FACILITY:
 76 STATION 1871
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 OAKLAND, CALIFORNIA

**GROUNDWATER ELEVATION
 CONTOUR MAP**
 March 25, 2008

FIGURE 2

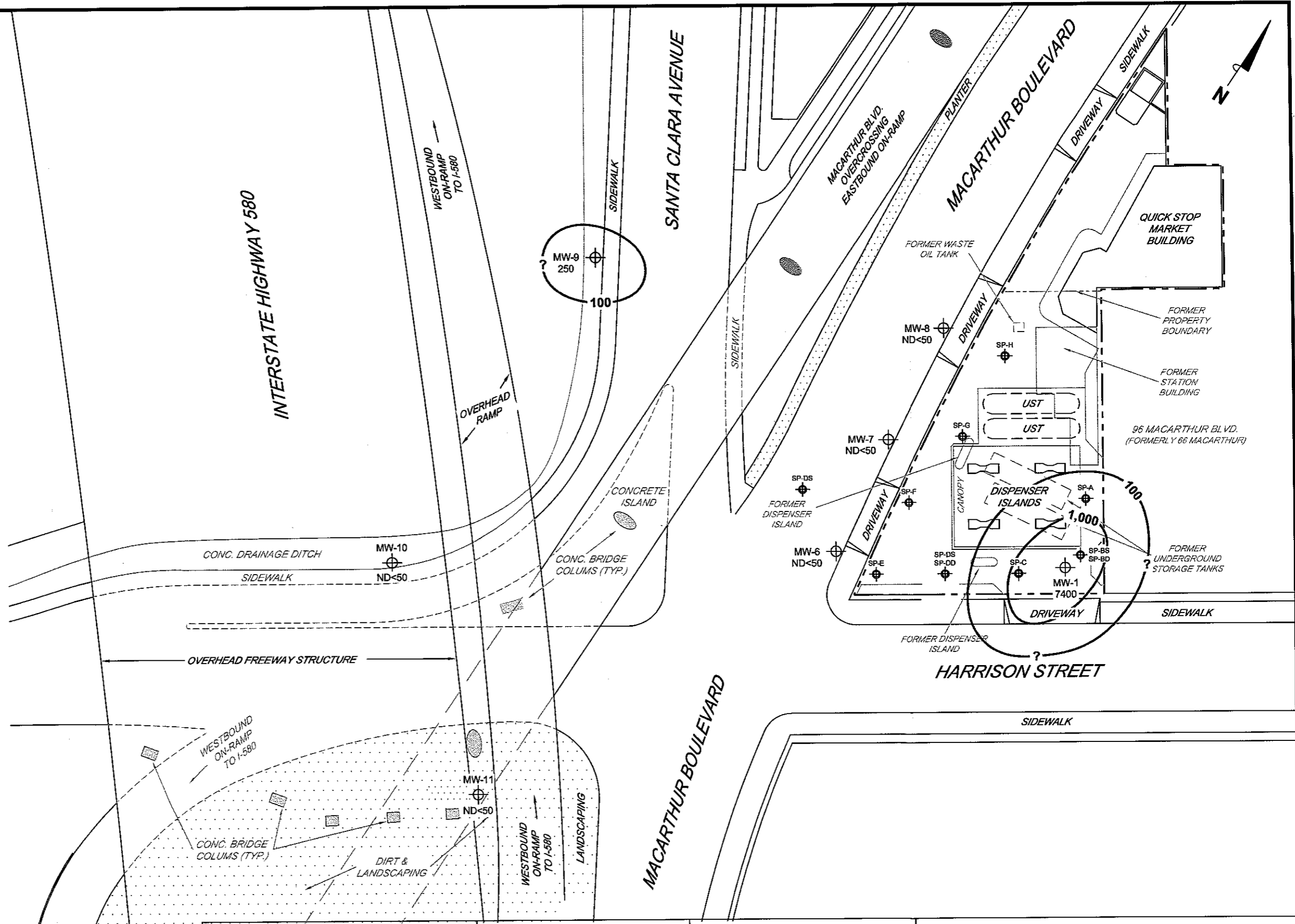
LEGEND

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

SP-H Ozone Sparge Well

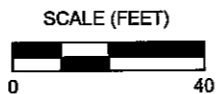
1,000 Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

MS=1:40 1871-003 L:\Graphics\GMS NORTH-SOUTH\1871-000\1871-003\1871-QMS(NEW).DWG Apr 14, 2008 - 2:37pm cwlorg



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.



PROJECT: 154771




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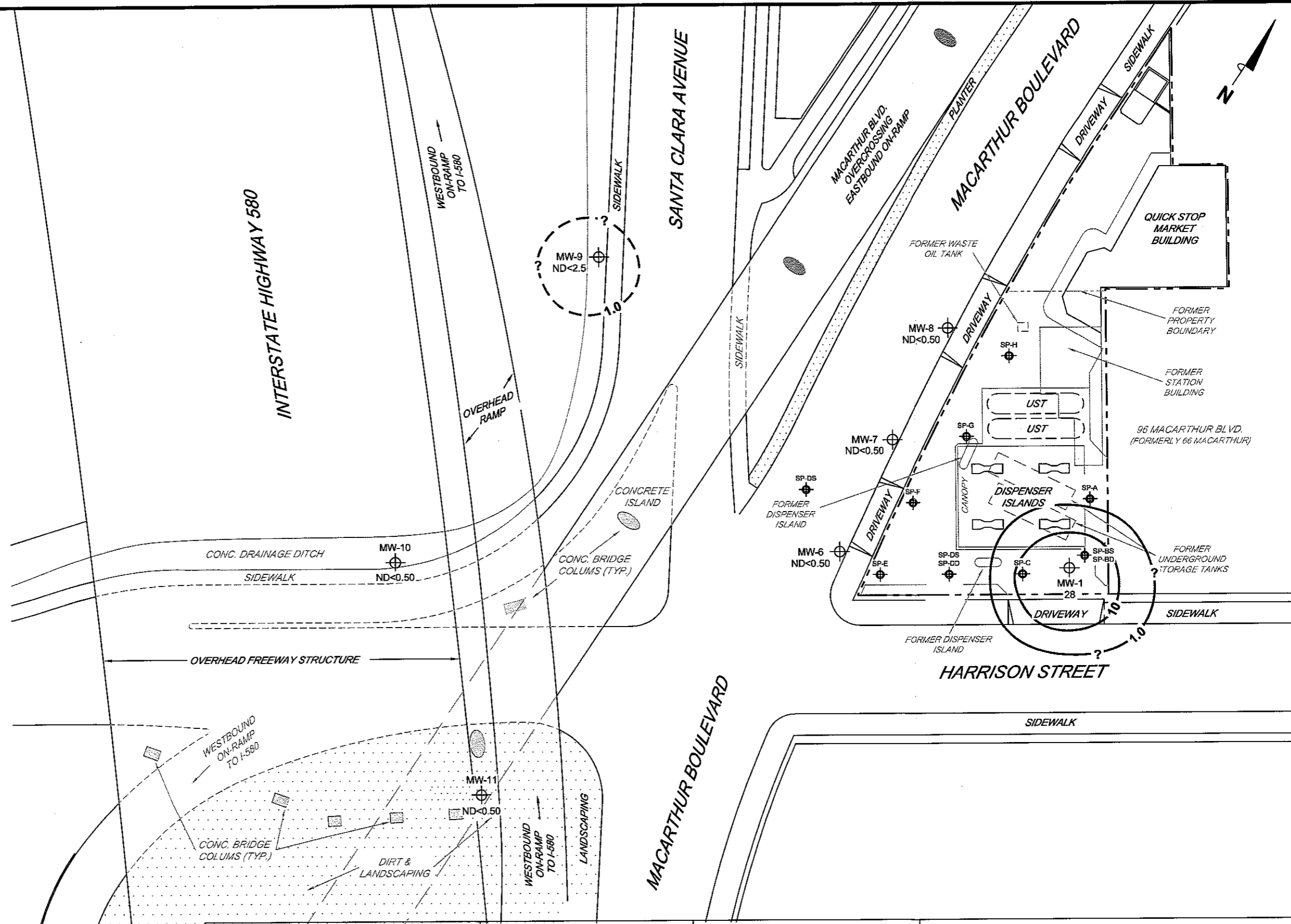
**DISSOLVED-PHASE TPH-G (GC/MS)
 CONCENTRATION MAP
 March 25, 2008**

FIGURE 3

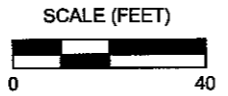
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LEGEND

- MW-11  Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- SP-H  Ozone Sparge Well
-  10 Dissolved-Phase Benzene Contour (µg/l)



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. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank.






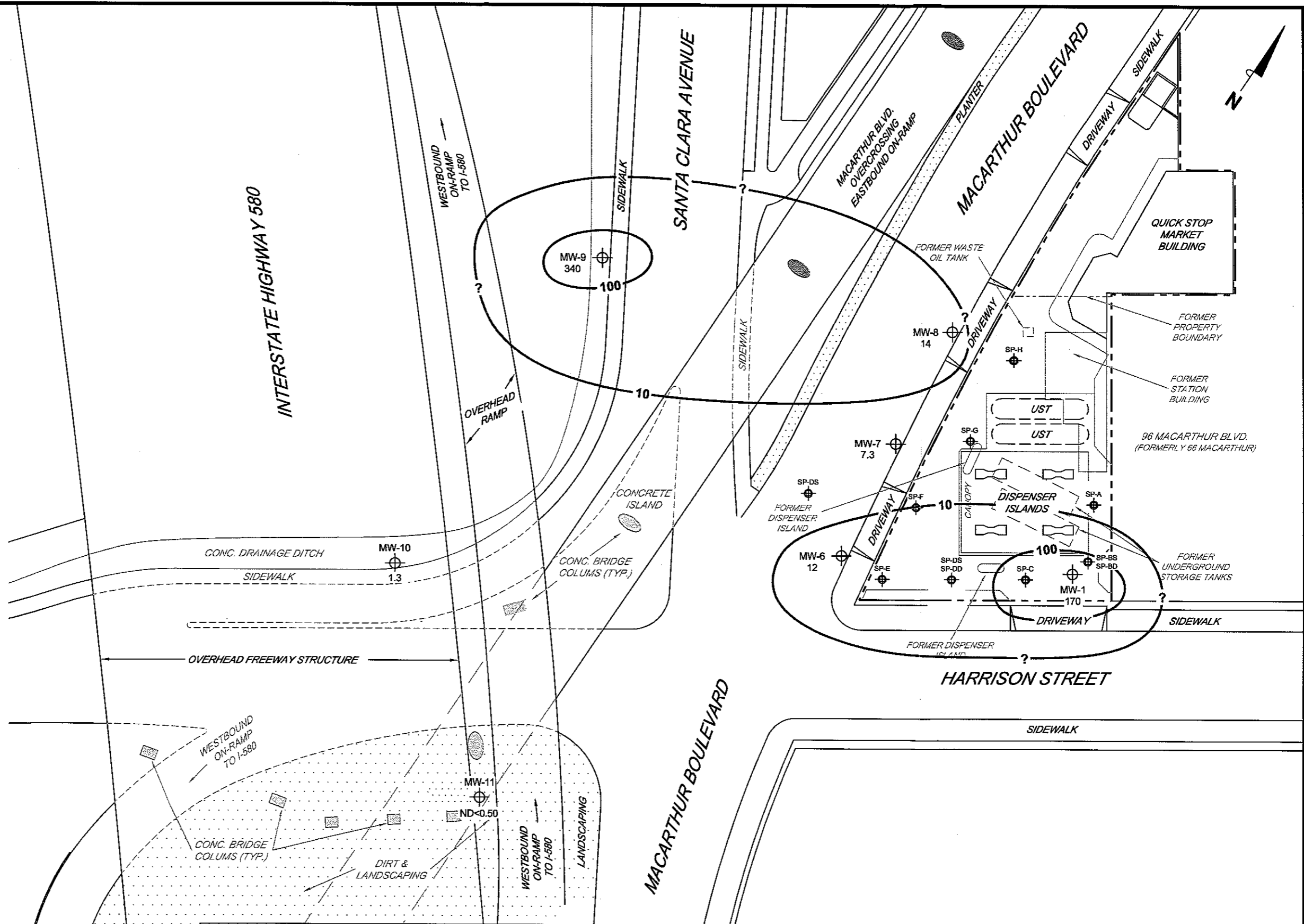
PROJECT: 154771
 FACILITY:
 76 STATION 1871
 96 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP**
 March 25, 2008

FIGURE 4

LEGEND

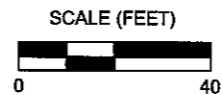
- MW-11  Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- SP-H  Ozone Sparge Well
-  100 Dissolved-Phase MTBE Contour (µg/l)



MS-1:40 1871-003 L:\Graphics\QMS NORTH-SOUTH\1871-1\1871-QMS(NEW).DWG Apr 15, 2008 - 7:27am cvuong

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.



PROJECT: 154771

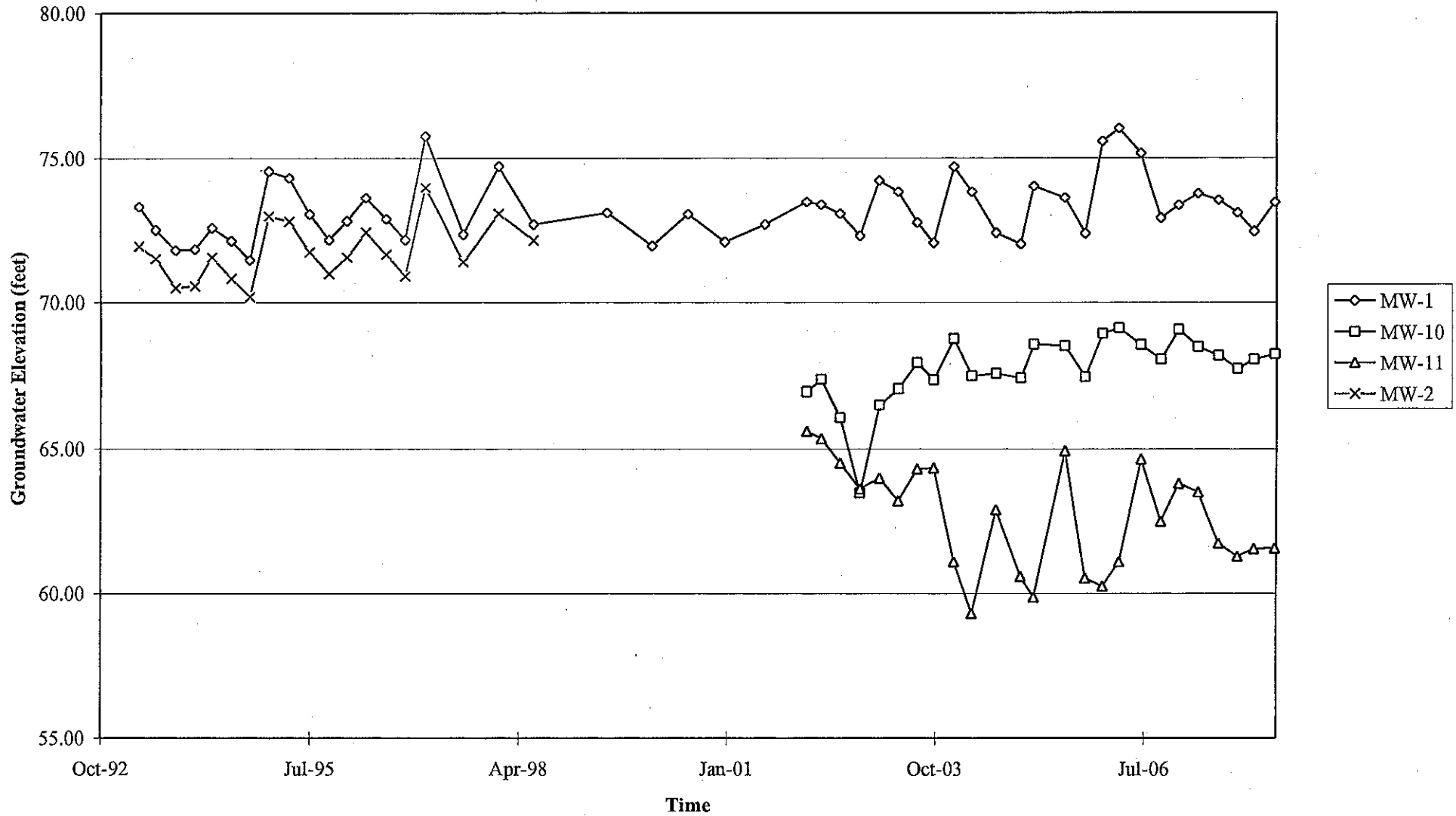
FACILITY:
76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE
CONCENTRATION MAP**
March 25, 2008

FIGURE 5

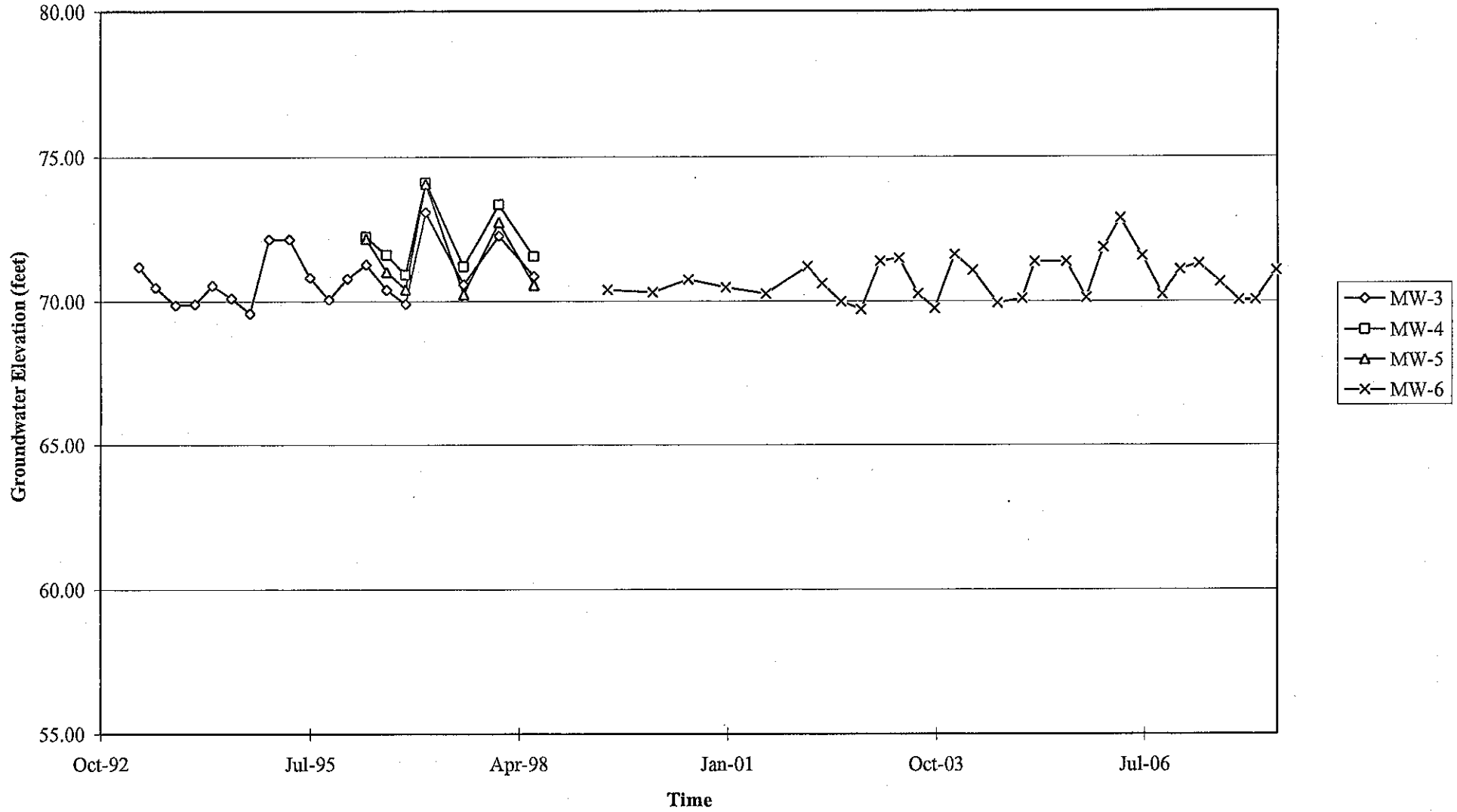
GRAPHS

Groundwater Elevations vs. Time
76 Station 1871

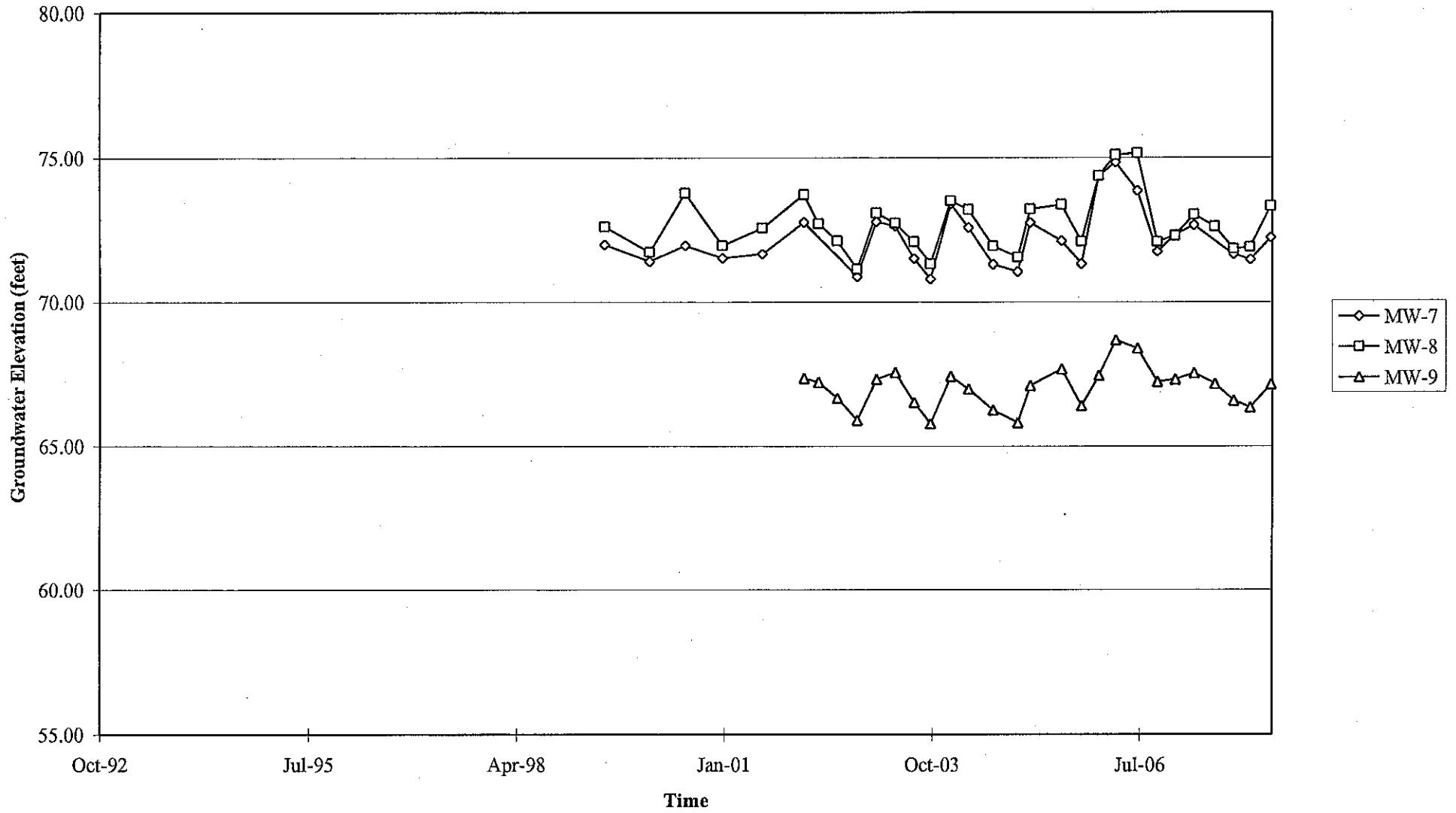


Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1871

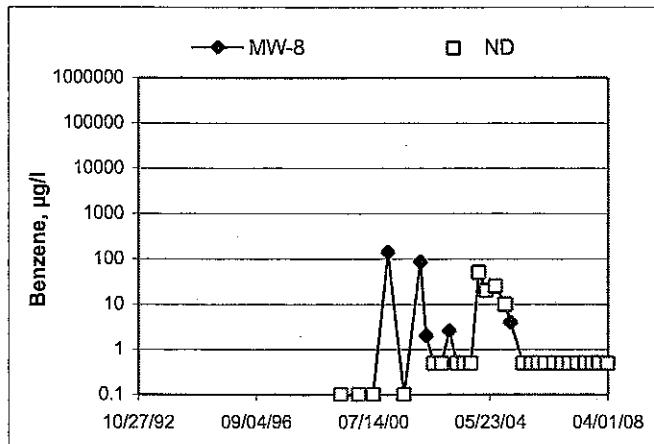
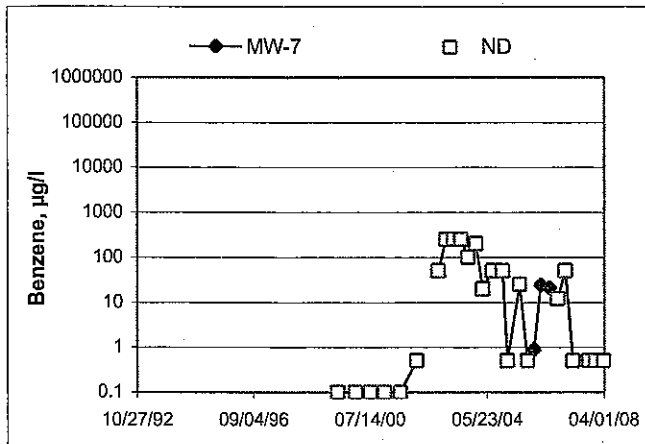
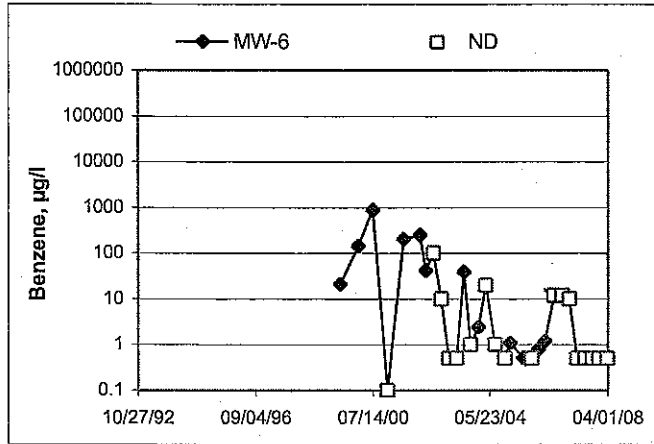
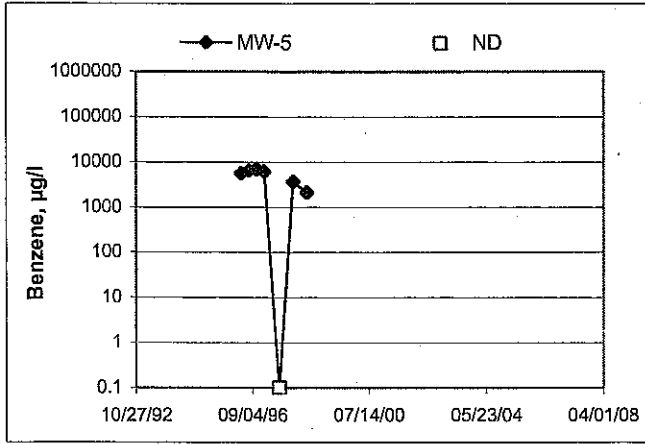
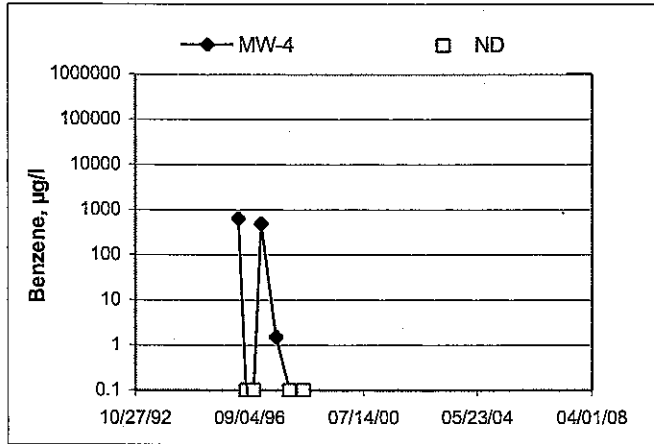
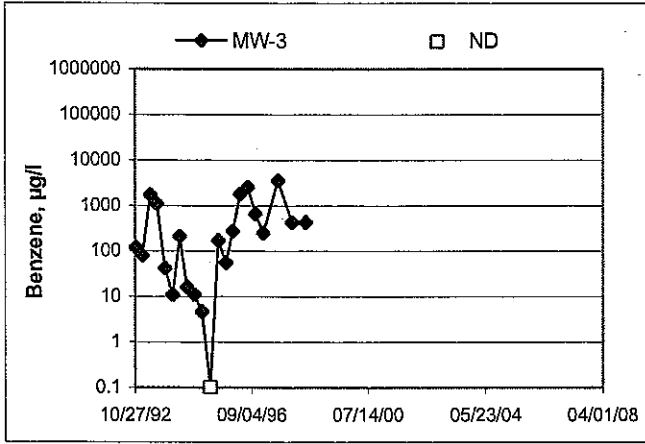
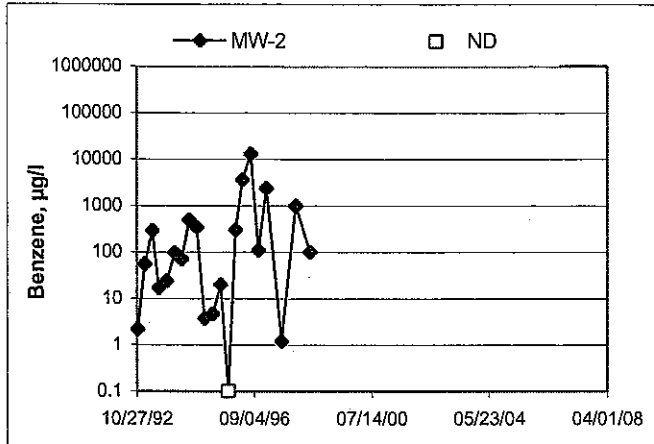
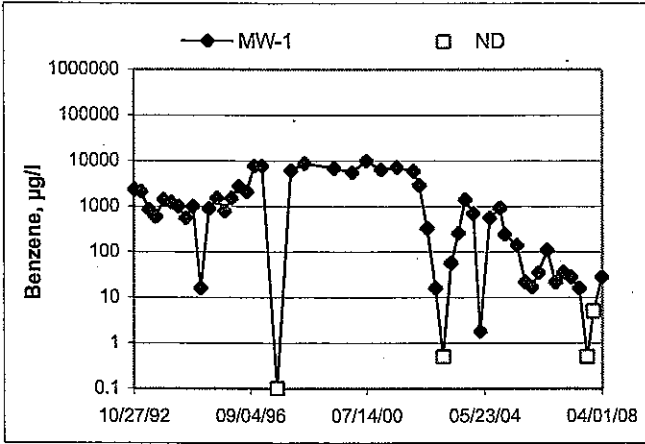


Groundwater Elevations vs. Time
76 Station 1871



Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time
76 Station 1871



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-11

Purge Method: HB

Depth to Water (feet): 15.74

Depth to Product (feet):

Total Depth (feet): 30.07

LPH & Water Recovered (gallons):

Water Column (feet): 14.33

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.60

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0800</u>			<u>2</u>	<u>2736</u>	<u>16.6</u>	<u>8.31</u>	<u>8.40</u>	<u>45</u>	
			<u>4</u>	<u>2749</u>	<u>15.9</u>	<u>8.21</u>	<u>8.36</u>	<u>45</u>	
	<u>0807</u>		<u>6</u>	<u>2758</u>	<u>15.7</u>	<u>8.11</u>	<u>8.41</u>	<u>44</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>17.2F</u>			<u>6</u>			<u>1020</u>			
Comments:									

Well No. MW-7

Purge Method: SUB

Depth to Water (feet): 8.45

Depth to Product (feet):

Total Depth (feet): 24.30

LPH & Water Recovered (gallons):

Water Column (feet): 15.85

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.62

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0851</u>			<u>2</u>	<u>609.7</u>	<u>16.1</u>	<u>7.71</u>	<u>4.71</u>	<u>-30</u>	
			<u>4</u>	<u>598.1</u>	<u>16.3</u>	<u>7.71</u>	<u>4.80</u>	<u>-34</u>	
	<u>0856</u>		<u>6</u>	<u>593.1</u>	<u>16.6</u>	<u>7.63</u>	<u>4.77</u>	<u>-34</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>8.55</u>			<u>6</u>			<u>1055</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1821

Project No.: 15471

Date: 3/25/08

Well No. MW-10

Purge Method: HB

Depth to Water (feet): 6.74

Depth to Product (feet):

Total Depth (feet): 19.99

LPH & Water Recovered (gallons):

Water Column (feet): 13.25

Casing Diameter (Inches): 2'

80% Recharge Depth(feet): 9.39

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0825</u>			<u>2</u>	<u>471.1</u>	<u>14.1</u>	<u>8.32</u>	<u>4.40</u>	<u>-10</u>	
			<u>4</u>	<u>464.6</u>	<u>14.1</u>	<u>8.22</u>	<u>4.38</u>	<u>-11</u>	
	<u>0833</u>		<u>6</u>	<u>462.1</u>	<u>14.3</u>	<u>8.17</u>	<u>4.35</u>	<u>-12</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>7.00</u>			<u>6</u>		<u>1040</u>				
Comments:									

Well No. MW-8

Purge Method: SUB

Depth to Water (feet): 8.40

Depth to Product (feet):

Total Depth (feet): 24.55

LPH & Water Recovered (gallons):

Water Column (feet): 16.15

Casing Diameter (Inches): 2'

80% Recharge Depth(feet): 11.63

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0900			<u>3</u>	<u>694.7</u>	<u>16.2</u>	<u>7.67</u>	<u>5.15</u>	<u>70</u>	
			<u>6</u>	<u>697.5</u>	<u>16.4</u>	<u>7.61</u>	<u>5.20</u>	<u>77</u>	
	<u>0904</u>		<u>9</u>	<u>705.0</u>	<u>17.0</u>	<u>7.54</u>	<u>5.22</u>	<u>77</u>	
Static at Time Sampled			Total Gallons Purged		Sample Time				
<u>10.58</u>			<u>9</u>		<u>1100</u>				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-1

Purge Method: SUB

Depth to Water (feet): 13.56

Depth to Product (feet): —

Total Depth (feet): 24.00

LPH & Water Recovered (gallons): —

Water Column (feet): 10.44

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 15.64

1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0918</u>			<u>7</u>	<u>443.4</u>	<u>17.0</u>	<u>8.00</u>	<u>6.50</u>	<u>-60</u>	
	<u>0923</u>		<u>14</u>	<u>448.4</u>	<u>18.2</u>	<u>7.86</u>	<u>6.67</u>	<u>-64</u>	
			<u>21</u>				<u>6.70</u>	<u>-64</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16.45</u>			<u>17</u>			<u>1105</u>			
Comments: <u>Well went dry @ 17 gallons.</u>									

Well No. MW-6

Purge Method: SUB

Depth to Water (feet): 8.63

Depth to Product (feet): —

Total Depth (feet): 24.76

LPH & Water Recovered (gallons): —

Water Column (feet): 15.93

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.01

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0842</u>			<u>3</u>	<u>790.6</u>	<u>16.2</u>	<u>7.88</u>	<u>10.10</u>	<u>-20</u>	
			<u>6</u>	<u>829.9</u>	<u>16.7</u>	<u>7.70</u>	<u>10.02</u>	<u>-19</u>	
	<u>0848</u>		<u>9</u>	<u>814.0</u>	<u>17.4</u>	<u>7.60</u>	<u>10.03</u>	<u>-19</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>9.50</u>			<u>9</u>			<u>1050</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 1871

Project No.: 154771

Date: 3/25/08

Well No. MW-9

Purge Method: HB

Depth to Water (feet): 14.91

Depth to Product (feet): —

Total Depth (feet): 19.91

LPH & Water Recovered (gallons): —

Water Column (feet): 5.00

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 15.91

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>0815</u>			<u>1</u>	<u>781.1</u>	<u>16.0</u>	<u>8.51</u>	<u>6.67</u>	<u>-10</u>	
			<u>2</u>	<u>700.3</u>	<u>16.1</u>	<u>8.42</u>	<u>6.59</u>	<u>-12</u>	
	<u>0821</u>		<u>3</u>	<u>719.0</u>	<u>16.0</u>	<u>8.27</u>	<u>6.55</u>	<u>-14</u>	
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>14.92</u>			<u>3</u>			<u>1030</u>			
Comments:									

Well No. _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____

1 Well Volume (gallons): _____

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



Date of Report: 04/02/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 1871
BC Work Order: 0803917

Enclosed are the results of analyses for samples received by the laboratory on 03/25/2008 20:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Molly Meyers". The signature is written in a cursive style and is positioned above a horizontal line.

Contact Person: Molly Meyers
Client Service Rep

A handwritten signature in black ink, which is mostly illegible due to its cursive style. It is positioned above a horizontal line.

Authorized Signature



TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0803917-01	COC Number:	---		03/25/2008 20:30	03/25/2008 10:20	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-11										
	Sampling Point:	MW-11										
	Sampled By:	TRCI										
0803917-02	COC Number:	---		03/25/2008 20:30	03/25/2008 10:55	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-7										
	Sampling Point:	MW-7										
	Sampled By:	TRCI										
0803917-03	COC Number:	---		03/25/2008 20:30	03/25/2008 10:40	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-10										
	Sampling Point:	MW-10										
	Sampled By:	TRCI										
0803917-04	COC Number:	---		03/25/2008 20:30	03/25/2008 11:00	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-8										
	Sampling Point:	MW-8										
	Sampled By:	TRCI										
0803917-05	COC Number:	---		03/25/2008 20:30	03/25/2008 11:05	---	Water		T0600101493	W	CS	
	Project Number:	1871										
	Sampling Location:	MW-1										
	Sampling Point:	MW-1										
	Sampled By:	TRCI										

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:
0803917-06	COC Number:	---		03/25/2008 20:30	03/25/2008 10:50	---	Water	Global ID: T0600101493
	Project Number:	1871						Matrix: W
	Sampling Location:	MW-6						Sample QC Type (SACode): CS
	Sampling Point:	MW-6						Cooler ID:
	Sampled By:	TRCI						
0803917-07	COC Number:	---		03/25/2008 20:30	03/25/2008 10:30	---	Water	Global ID: T0600101493
	Project Number:	1871						Matrix: W
	Sampling Location:	MW-9						Sample QC Type (SACode): CS
	Sampling Point:	MW-9						Cooler ID:
	Sampled By:	TRCI						

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-01		Client Sample Name: 1871, MW-11, MW-11, 3/25/2008 10:20:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:32	ken	MS-V12	1	BRC1842		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-02		Client Sample Name: 1871, MW-7, MW-7, 3/25/2008 10:55:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	7.3	ug/L	0.50		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	97.8	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 23:02	ken	MS-V12	1	BRC1842		

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0803917-03												
Client Sample Name:	1871, MW-10, MW-10, 3/25/2008 10:40:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	1.3	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 05:08	ken	MS-V12	1	BRC1842		

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 1871, MW-8, MW-8, 3/25/2008 11:00:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	14	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 04:44	ken	MS-V12	1	BRC1842		

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0803917-05													
Client Sample Name:	1871, MW-1, MW-1, 3/25/2008 11:05:00AM													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab	Quals
Benzene	28	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Ethylbenzene	430	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Methyl t-butyl ether	170	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Total Xylenes	540	ug/L	5.0		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
Total Purgeable Petroleum Hydrocarbons	7400	ug/L	250		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 02:20	ken	MS-V12	5	BRC1842			

TRC
 21 Technology Drive
 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-06		Client Sample Name: 1871, MW-6, MW-6, 3/25/2008 10:50:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Methyl t-butyl ether	12	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 22:38	ken	MS-V12	1	BRC1842		

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 Irvine, CA 92618

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

Reported: 04/02/2008 13:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0803917-07		Client Sample Name: 1871, MW-9, MW-9, 3/25/2008 10:30:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Ethylbenzene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Methyl t-butyl ether	340	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Total Xylenes	ND	ug/L	5.0		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01	
Total Purgeable Petroleum Hydrocarbons	250	ug/L	250		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842	ND	A01,A90	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/08	04/01/08 01:31	ken	MS-V12	5	BRC1842			

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

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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	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quas
Benzene	BRC1842	Matrix Spike	0804107-01	0	22.160	25.000	ug/L		88.6		70 - 130
		Matrix Spike Duplicate	0804107-01	0	24.680	25.000	ug/L	10.8	98.7	20	70 - 130
Toluene	BRC1842	Matrix Spike	0804107-01	0	23.900	25.000	ug/L		95.6		70 - 130
		Matrix Spike Duplicate	0804107-01	0	24.550	25.000	ug/L	2.7	98.2	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	9.9500	10.000	ug/L		99.5		76 - 114
		Matrix Spike Duplicate	0804107-01	ND	10.250	10.000	ug/L		102		76 - 114
Toluene-d8 (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	10.050	10.000	ug/L		100		88 - 110
		Matrix Spike Duplicate	0804107-01	ND	9.9500	10.000	ug/L		99.5		88 - 110
4-Bromofluorobenzene (Surrogate)	BRC1842	Matrix Spike	0804107-01	ND	10.280	10.000	ug/L		103		86 - 115
		Matrix Spike Duplicate	0804107-01	ND	9.6500	10.000	ug/L		96.5		86 - 115

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Project: 1871
 Project Number: [none]
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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		Lab Quals
										Percent Recovery	RPD	
Benzene	BRC1842	BRC1842-BS1	LCS	25.830	25.000	0.50	ug/L	103		70 - 130		
Toluene	BRC1842	BRC1842-BS1	LCS	26.260	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	BRC1842-BS1	LCS	10.250	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRC1842	BRC1842-BS1	LCS	9.9800	10.000		ug/L	99.8		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRC1842	BRC1842-BS1	LCS	9.8300	10.000		ug/L	98.3		86 - 115		

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Reported: 04/02/2008 13:02

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	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Toluene	BRC1842	BRC1842-BLK1	ND	ug/L	0.50		
Total Xylenes	BRC1842	BRC1842-BLK1	ND	ug/L	1.0		
Ethanol	BRC1842	BRC1842-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BRC1842	BRC1842-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRC1842	BRC1842-BLK1	113	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC1842	BRC1842-BLK1	97.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC1842	BRC1842-BLK1	98.6	%	86 - 115 (LCL - UCL)		



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Project: 1871
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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.

Submission #: 0803917

Project Code:

TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

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

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

COC Received YES NO

Ice Chest ID Temperature: 1.9 °C Thermometer ID: 48

Emissivity 97 Container QJA

Date/Time 3-25-08 Analyst Init [Signature]

Table with columns for Sample Containers and Sample Numbers (1-10). Rows include various sample types like QT GENERAL MINERAL, PT PE UNPRESERVED, etc. Handwritten 'A3' is present in several cells.

Comments: Sample Numbering Completed By: [Signature]

Date/Time: 3/26/08 1150

BC LABORATORIES, INC.

0803917

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

CHK BY	DISTRIBUTION
<i>[Signature]</i>	<i>[Signature]</i>
CHAIN OF CUSTODY	

Analysis Requested

Circle one: Phillips 66 / Unocal		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, TPH-g by 8015	TPH -g by 8015M	TPH -D by 8015	TPH-g by GC/MS	BTEX/MTBE/GAAs BY 8260B	EDB/EDC by 8260B	ETHANOL by 8260B	Turnaround Time Requested
Address: 96 MacArthur Blvd		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City: Oakland		4-digit site#: 1871										
State: CA Zip:		Work Order# 01120-4509117982										
COP Manager:		Project #: 154771										
		Sampler Name: Alex										

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, TPH-g by 8015	TPH -g by 8015M	TPH -D by 8015	TPH-g by GC/MS	BTEX/MTBE/GAAs BY 8260B	EDB/EDC by 8260B	ETHANOL by 8260B	Turnaround Time Requested
	-1	MW-11	3/28/08 1020	GW				X	X		X	STD
	-2	MW-7	1055									
	-3	MW-10	1040									
	-4	MW-8	1100									
	-5	MW-1	1108									
	-6	MW-6	1050									
	-7	MW-9	1030									

Comments: Global ID: T0600101493	Relinquished by:	Received by:	Date & Time:
	<i>[Signature]</i>	FRIDGE	3/25/08 1300
	Relinquished by (Signature):	Received by:	Date & Time:
<i>[Signature]</i>	Ross Dickey	3/25/08 1575	
Relinquished by (Signature):	Received by:	Date & Time:	
<i>[Signature]</i> 3/25/08	RR Ruynd	3-25-08 1700	

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

Reviewed 3-25-08 2015 Army 3-25-8 2030

STATEMENTS

Purge Water Disposal

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

Limitations

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