ConocoPhillips
76 Broadway
Sacramento, California 95818

January 31, 2006

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

Re: **Report Transmittal**
Quarterly Report
Fourth Quarter – 2005
76 Service Station #1871
96 MacArthur Boulevard
Oakland, CA

Dear Mr. Hwang:

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

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

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

Sincerely,

Thomas K. Kosel

Thomas Kosel
Risk Management & Remediation

Attachment

TRC

Customer-Focused Solutions

January 31, 2006 TRC Project No. 42016103

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

RE: Quarterly Status Report - Fourth Quarter 2005
76 Service Station #1871, 96 MacArthur Boulevard, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Fourth Quarter 2005 Status Report for the subject site. The site is an operating service station located on the north corner of the intersection of MacArthur Boulevard and Harrison Street in Oakland, California.

PREVIOUS ASSESSMENTS

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 underground storage tank (UST) was replaced with a 550-gallon double-wall fiberglass UST. Conformation sampling was performed.

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

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

May 1998: John' s Excavating of Santa Rosa, California removed all underground and aboveground equipment and facilities. Facilities included two 12,000-gallon double-wall steel gasoline USTs, one 550-gallon double-wall steel waste oil UST, two hydraulic lifts, two dispenser islands and related single-wall product piping, and one service station building.

1590 Solano Way, Suite A • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

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.

SENSITIVE RECEPTORS

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

MONITORING AND SAMPLING

One onsite and six offsite wells are currently monitored quarterly. All wells were sampled this quarter.. Based on the well gauging results this quarter, groundwater flows to the west and south at calculated hydraulic gradients of 0.04 feet per foot (ft/ft) and 0.08 ft/ft, respectively.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in five of seven wells, at a maximum concentration of 10,000 micrograms per liter (µg/l) in onsite well MW-1.

Benzene was detected in three of seven wells at a concentration of 17 µg/l in onsite well MW-1. Methyl tertiary butyl ether (MTBE) was detected in six of seven wells, at a maximum concentration of 8,200 µg/l in offsite well MW-7.

Hydrocarbon impacts are not fully delineated offsite. Perimeter downgradient monitoring well MW-8 contained 86 µg/l MTBE. Perimeter downgradient monitoring well MW-9 contained 2,800 µg/l MTBE. Perimeter downgradient monitoring well MW-10 contained 0.57 µg/l MTBE. Perimeter downgradient monitoring MW-11 were non-detect for TPPH, benzene, and MTBE.

REMEDIATION STATUS

April 2002: GR installed an ozone sparging system utilizing 10 ozone sparge wells completed to maximum depths of 25 to 30 feet bgs. The system was activated on April 8, 2002. Since then approximately 160 pounds of ozone have been injected.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

December 20, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

October-December 2005: SECOR performed operations and maintenance activities on the ozone sparging system throughout the quarter. During the fourth quarter the system operated for a total of 319 hours (12% runtime) and approximately 13.86 pounds of ozone were injected. Several system components were replaced or repaired during the quarter, including the hour meter, the exhaust fan inside the panel, the ground fault circuit interrupter (GFCI), the circuit card in the ozone generator, the pressure gauge in the panel, and all the ozone piping to the wells. No waste was generated at the site.

CONCLUSIONS AND RECOMMENDATIONS

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends and continuing operation of the ozone sparging system to reduce hydrocarbon mass in the subsurface. TRC will work with the ozone system operations and maintenance contractor to improve overall system performance.

TRC recommends preparing a Site Conceptual Model, per Alameda County Health Care Services (ACHCS) guidelines, to summarize site conditions and to determine if data gaps exist.

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

Sincerely,
TRC

Keith Woodburne, P.G.
Senior Project Geologist

Attachments:
Quarterly Monitoring Report, October through December 2005 (TRC, January 12, 2006)
Quarterly Remedial Performance Summary – Fourth Quarter 2005 (SECOR, January 13, 2006)

cc: Shelby Lathrop, ConocoPhillips (via electronic upload, without attachments)

TRC

January 12, 2006

ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

Dear Ms. Lathrop:

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) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

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

Enclosures
20-0400/1871R09.QMS

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

TRC

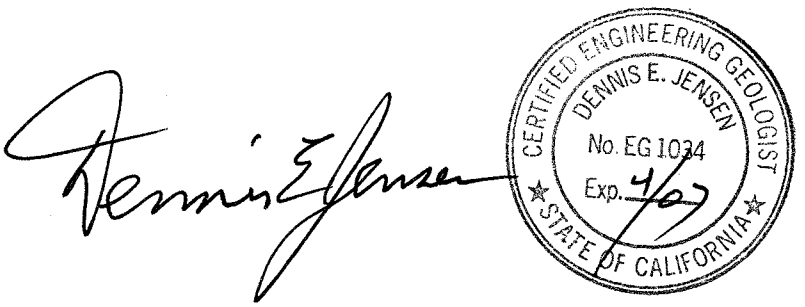
QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

76 STATION 1871
96 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
January 12, 2006

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

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

Summary of Gauging and Sampling Activities
October 2005 through December 2005
76 Station 1871
96 MacArthur
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **12/20/05**

Sample Points

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

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.04 feet** Maximum: **17.06 feet**
Average groundwater elevation (relative to available local datum): **70.40 feet**
Average change in groundwater elevation since previous event: **1.79 feet**
Interpreted groundwater gradient and flow direction:
Current event: ***see notes**
Previous event: **0.03 ft/ft, southwest (09/28/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **17 µg/l (MW-1)**

Wells with **TPPH 8260B** **5** Maximum: **10,000 µg/l (MW-1)**
Wells with **MTBE** **6** Maximum: **8,200 µg/l (MW-7)**

Notes:

*Groundwater gradient is 0.04 ft/ft west to 0.08 ft/ft south.

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1		**(Screen Interval in feet: 9.5-24.5)**												
12/20/05	86.99	11.42	0.00	75.57	3.21	--	10000	17	29	180	840	--	2400	
MW-6		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	79.67	7.82	0.00	71.85	1.74	--	640	0.79	ND<0.50	0.68	2.3	--	2400	
MW-7		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	80.67	6.31	0.00	74.36	3.06	--	1100	0.90	ND<0.50	24	37	--	8200	
MW-8		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	81.71	7.35	0.00	74.36	2.26	--	2700	ND<0.50	ND<0.50	78	82	--	86	
MW-9		**(Screen Interval in feet: DNA)**												
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	
MW-10		**(Screen Interval in feet: DNA)**												
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	
MW-11		**(Screen Interval in feet: DNA)**												
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 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	--	
07/10/00	86.24	13.97	0.00	72.27	1.08	67800	--	9910	4120	3330	16100	67400	54000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
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	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
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	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
07/29/04	80.67	9.40	0.00	71.27	-1.31	--	7400	ND<50	ND<50	ND<50	ND<100	--	11000	
11/24/04	80.67	9.65	0.00	71.02	-0.25	--	6200	ND<50	ND<50	ND<50	ND<100	--	6800	
01/24/05	80.67	7.92	0.00	72.75	1.73	--	ND<5000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13000	
06/23/05	80.67	8.56	0.00	72.11	-0.64	--	8700	ND<25	ND<25	ND<25	ND<50	--	12000	
09/28/05	80.67	9.37	0.00	71.30	-0.81	--	1200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5700	
12/20/05	80.67	6.31	0.00	74.36	3.06	--	1100	0.90	ND<0.50	24	37	--	8200	
MW-8	**(Screen Interval in feet: 5.0-25.0)**													
06/18/99	80.96	9.10	0.00	71.86	--	ND	--	ND	ND	ND	ND	290	160	
01/21/00	80.96	10.00	0.00	70.96	-0.90	ND	--	ND	ND	ND	1.09	224	221	
07/10/00	80.96	7.94	0.00	73.02	2.06	ND	--	ND	ND	ND	ND	234	223	
01/04/01	80.96	9.76	0.00	71.20	-1.82	3790	--	141	8.92	128	375	--	34200	
07/16/01	80.96	9.15	0.00	71.81	0.61	ND	--	ND	ND	ND	ND	66	70	
01/31/02	80.96	7.99	0.00	72.97	1.16	5900	--	86	ND<10	630	390	670	700	
04/11/02	81.71	9.00	0.00	72.71	-0.26	250	--	2.0	ND<0.50	38	2.2	410	--	
07/11/02	81.71	9.60	0.00	72.11	-0.60	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
10/15/02	81.71	10.60	0.00	71.11	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	
01/14/03	81.71	8.63	0.00	73.08	1.97	--	ND<250	2.6	ND<2.5	18	ND<5.0	--	430	
04/16/03	81.71	8.98	0.00	72.73	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	18	
07/16/03	81.71	9.63	0.00	72.08	-0.65	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
10/02/03	81.71	10.41	0.00	71.30	-0.78	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
01/07/04	81.71	8.21	0.00	73.50	2.20	--	ND<5000	ND<50	ND<50	ND<50	340	--	3700	
04/02/04	81.71	8.51	0.00	73.20	-0.30	--	3000	ND<20	ND<20	ND<20	ND<40	--	5200	
07/29/04	81.71	9.78	0.00	71.93	-1.27	--	3200	ND<25	ND<25	ND<25	ND<50	--	5500	
11/24/04	81.71	10.19	0.00	71.52	-0.41	--	2100	ND<10	ND<10	ND<10	ND<20	--	2400	

Table 2

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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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
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	
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	
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	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
07/11/02	74.98	8.91	0.00	66.07	-1.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
10/15/02	74.98	11.49	0.00	63.49	-2.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/14/03	74.98	8.47	0.00	66.51	3.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/16/03	74.98	7.92	0.00	67.06	0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/16/03	74.98	7.03	0.00	67.95	0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/02/03	74.98	7.63	0.00	67.35	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/07/04	74.98	6.22	0.00	68.76	1.41	--	54	ND<0.50	ND<0.50	1.3	4.5	--	ND<2.0	
04/02/04	74.98	7.49	0.00	67.49	-1.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
07/29/04	74.98	7.41	0.00	67.57	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/24/04	74.98	7.55	0.00	67.43	-0.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.5	
01/24/05	74.98	6.40	0.00	68.58	1.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.71	
06/23/05	74.98	6.46	0.00	68.52	-0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/28/05	74.98	7.52	0.00	67.46	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/20/05	74.98	6.04	0.00	68.94	1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.57	
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1992 Through December 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11	**continued**													
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	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	EDC	EDB	Post Purge DO	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	ORP	pH	Ethanol 8260B	Post Purge ORP
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(pH)	(µg/l)	(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<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	ND<500	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<25000	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--
11/24/04	--	--	--	--	3.08	--	--	--	--	-39	6.58	ND<2000	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--
06/23/05	--	--	--	--	6.19	--	--	--	--	-116	--	ND<50000	--
09/28/05	--	--	--	3.45	--	--	--	--	--	--	--	ND<1000	-94
12/20/05	--	--	--	4.16	--	--	--	--	--	--	--	ND<250	-328
MW-4													
04/18/96	110	--	--	--	--	--	--	--	--	--	--	--	--
07/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/24/96	ND	--	--	--	--	--	--	--	--	--	--	--	--
01/28/97	210	--	--	--	--	--	--	--	--	--	--	--	--
07/29/97	ND	--	--	--	--	--	--	--	--	--	--	--	--
01/14/98	ND	--	--	--	--	--	--	--	--	--	--	--	--
07/01/98	ND	--	--	--	--	--	--	--	--	--	--	--	--
MW-6													
06/18/99	--	ND	ND	--	--	ND	ND	ND	ND	--	--	ND	--
07/16/01	--	ND	ND	--	--	ND	ND	ND	ND	--	--	ND	--
07/11/02	--	ND<100	ND<100	--	--	ND<100	ND<1000	ND<200	ND<100	--	--	ND<5000	--
01/14/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	ND<500	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	EDC	EDB	Post Purge DO	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	ORP	pH	Ethanol 8260B	Post Purge ORP
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(pH)	(µg/l)	(mV)
MW-6 continued													
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--
11/24/04	--	--	--	--	2.81	--	--	--	--	-12	6.99	ND<50	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
06/23/05	--	--	--	--	1.80	--	--	--	--	72	--	ND<1000	--
09/28/05	--	--	--	2.63	--	--	--	--	--	--	--	ND<1000	-80
12/20/05	--	--	--	1.52	--	--	--	--	--	--	--	ND<250	-217
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<1000	ND<1000	--	--	ND<1000	ND<50000	ND<1000	ND<1000	--	--	ND<250000	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<250000	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<100000	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<200000	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
11/24/04	--	--	--	--	1.99	--	--	--	--	-24	6.60	ND<5000	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
06/23/05	--	--	--	--	1.54	--	--	--	--	-38	--	ND<50000	--
09/28/05	--	--	--	3.45	--	--	--	--	--	--	--	ND<1000	-85
12/20/05	--	--	--	2.04	--	--	--	--	--	--	--	ND<250	-256
MW-8													
06/18/99	--	ND	ND	--	--	ND	ND	ND	ND	--	--	ND	--

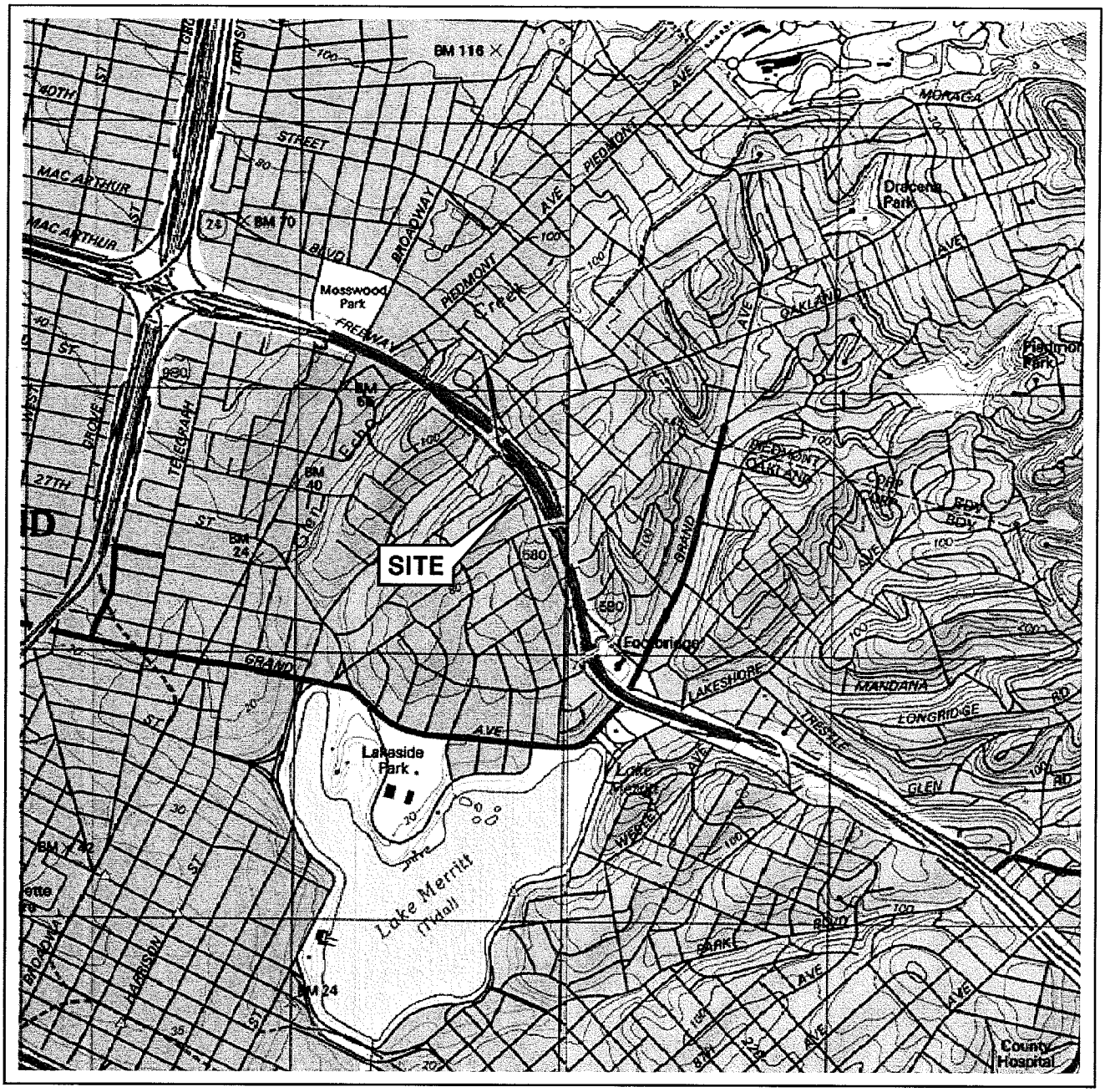
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	EDC	EDB	Post Purge DO	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	ORP	pH	Ethanol 8260B	Post Purge ORP
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(pH)	(µg/l)	(mV)
MW-8 continued													
07/16/01	--	ND	ND	--	--	ND	ND	ND	ND	--	--	ND	--
01/14/03	--	ND<10	ND<10	--	--	ND<10	ND<500	ND<10	ND<10	--	--	ND<2500	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<50000	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<2500	--
11/24/04	--	--	--	--	2.71	--	--	--	--	-36	6.67	ND<1000	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<2500	--
06/23/05	--	--	--	--	1.97	--	--	--	--	52	--	ND<1000	--
09/28/05	--	--	--	2.12	--	--	--	--	--	--	--	ND<1000	-26
12/20/05	--	--	--	2.02	--	--	--	--	--	--	--	ND<250	-326
MW-9													
01/31/02	--	ND<7.1	ND<7.1	--	--	ND<7.1	ND<140	ND<7.1	ND<7.1	--	--	ND<3600	--
01/14/03	--	ND<8.0	ND<8.0	--	--	ND<8.0	ND<400	ND<8.0	ND<8.0	--	--	ND<2000	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<25000	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
11/24/04	--	--	--	--	3.24	--	--	--	--	-67	6.47	ND<500	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
06/23/05	--	--	--	--	1.56	--	--	--	--	-142	--	ND<10000	--
09/28/05	--	--	--	2.51	--	--	--	--	--	--	--	ND<50000	-119
12/20/05	--	--	--	5.05	--	--	--	--	--	--	--	ND<250	-42
MW-10													

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1871

Date Sampled	TPH-D	EDC	EDB	Post Purge DO	DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	ORP	pH	Ethanol 8260B	Post Purge ORP
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(pH)	(µg/l)	(mV)
MW-10 continued													
01/31/02	--	ND<1.0	ND<1.0	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--	--	ND<500	--
01/14/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	ND<500	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
11/24/04	--	--	--	--	2.59	--	--	--	--	-29	6.89	ND<50	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
06/23/05	--	--	--	--	1.63	--	--	--	--	42	--	ND<1000	--
09/28/05	--	--	--	6.95	--	--	--	--	--	--	--	ND<1000	-64
12/20/05	--	--	--	3.85	--	--	--	--	--	--	--	ND<250	58
MW-11													
01/31/02	--	ND<1.0	ND<1.0	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--	--	ND<500	--
01/14/03	--	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	ND<500	--
07/16/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
10/02/03	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
01/07/04	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
04/02/04	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
07/29/04	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
11/24/04	--	--	--	--	3.85	--	--	--	--	143	6.75	ND<50	--
01/24/05	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
06/23/05	--	--	--	--	2.13	--	--	--	--	80	--	ND<1000	--
09/28/05	--	--	--	4.97	--	--	--	--	--	--	--	ND<1000	-1
12/20/05	--	--	--	5.16	--	--	--	--	--	--	--	ND<250	070

FIGURES



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

SCALE 1: 24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland West Quadrangle

VICINITY MAP

76 Station 1871
96 MacArthur Boulevard
Oakland, California

FIGURE 1

TRC

PS = 1:1

Graphics on lr1(i:)\VICINITY MAPS\1871vm.dwg 11/17/03 blw

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

PLANTER

MACARTHUR BOULEVARD

DRIVEWAY

SIDEWALK

QUICK STOP MARKET BUILDING

MW-9
67.46

MW-8
74.36

SP-H

DRIVEWAY

UST

UST

SP-G

MW-7
74.36

SP-DS

SP-F

DRIVEWAY

DISPENSER ISLANDS

SP-A

MW-6
71.85

SP-E

SP-DS
SP-DD

SP-C

SP-BS
SP-BD

MW-1
75.57

DRIVEWAY

SIDEWALK

MW-10
68.94

OVERHEAD RAMP

OVERHEAD FREEWAY STRUCTURE

HARRISON STREET

74.00

70.00

66.00

62.00

MW-11
60.25

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

SIDEWALK

N

LEGEND

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

SP-H ⊕ Ozone Sparge Well

74.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

NOTES:

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

SCALE (FEET)

0 40

PS=1:1 1871-003

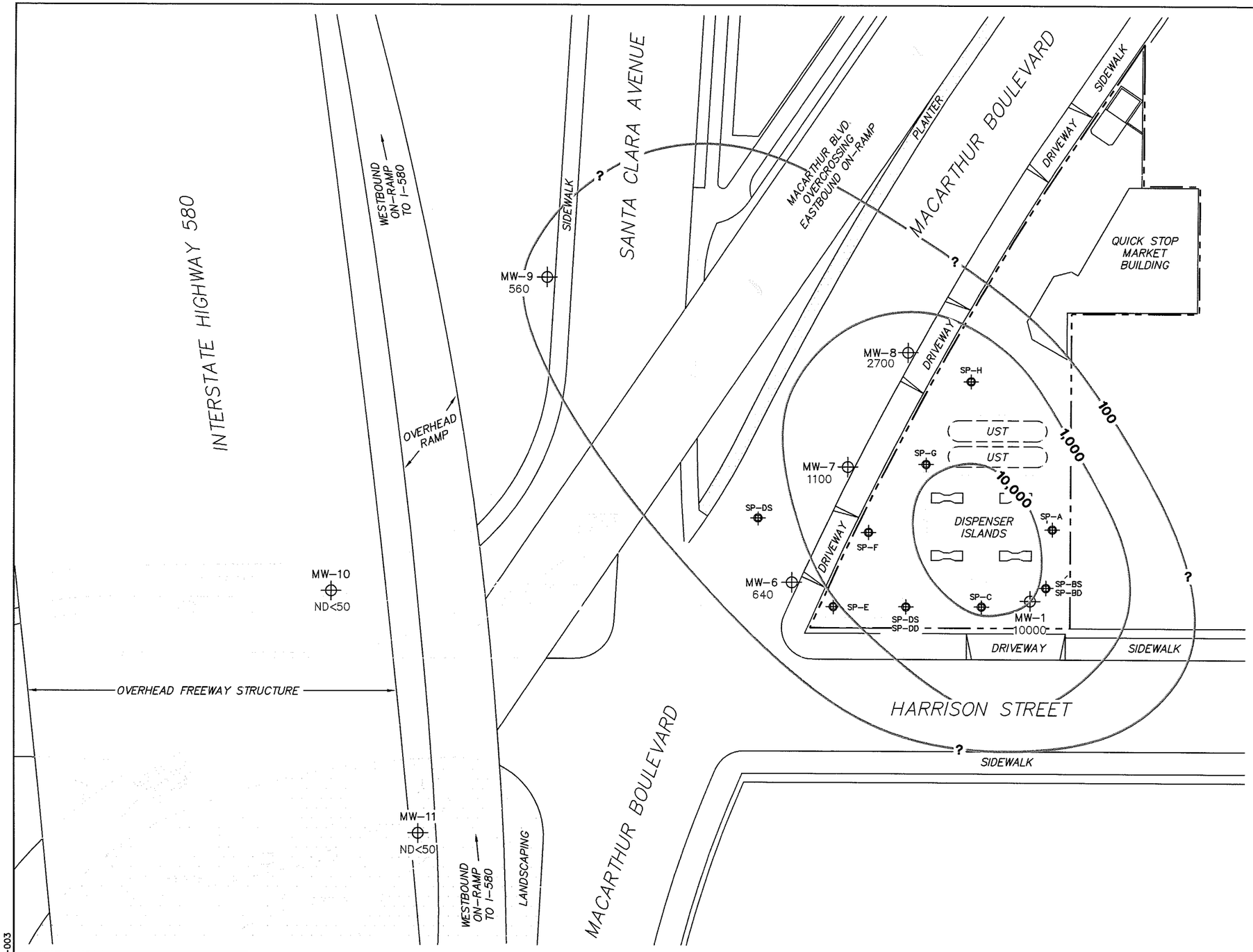
TRC

GROUNDWATER ELEVATION CONTOUR MAP
December 20, 2005

76 Station 1871
96 MacArthur Boulevard
Oakland, California

FIGURE 2

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-1000\1871+\1871QMS.DWG Jan 11, 2006 - 3:23pm rhughes



NOTES:

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
December 20, 2005

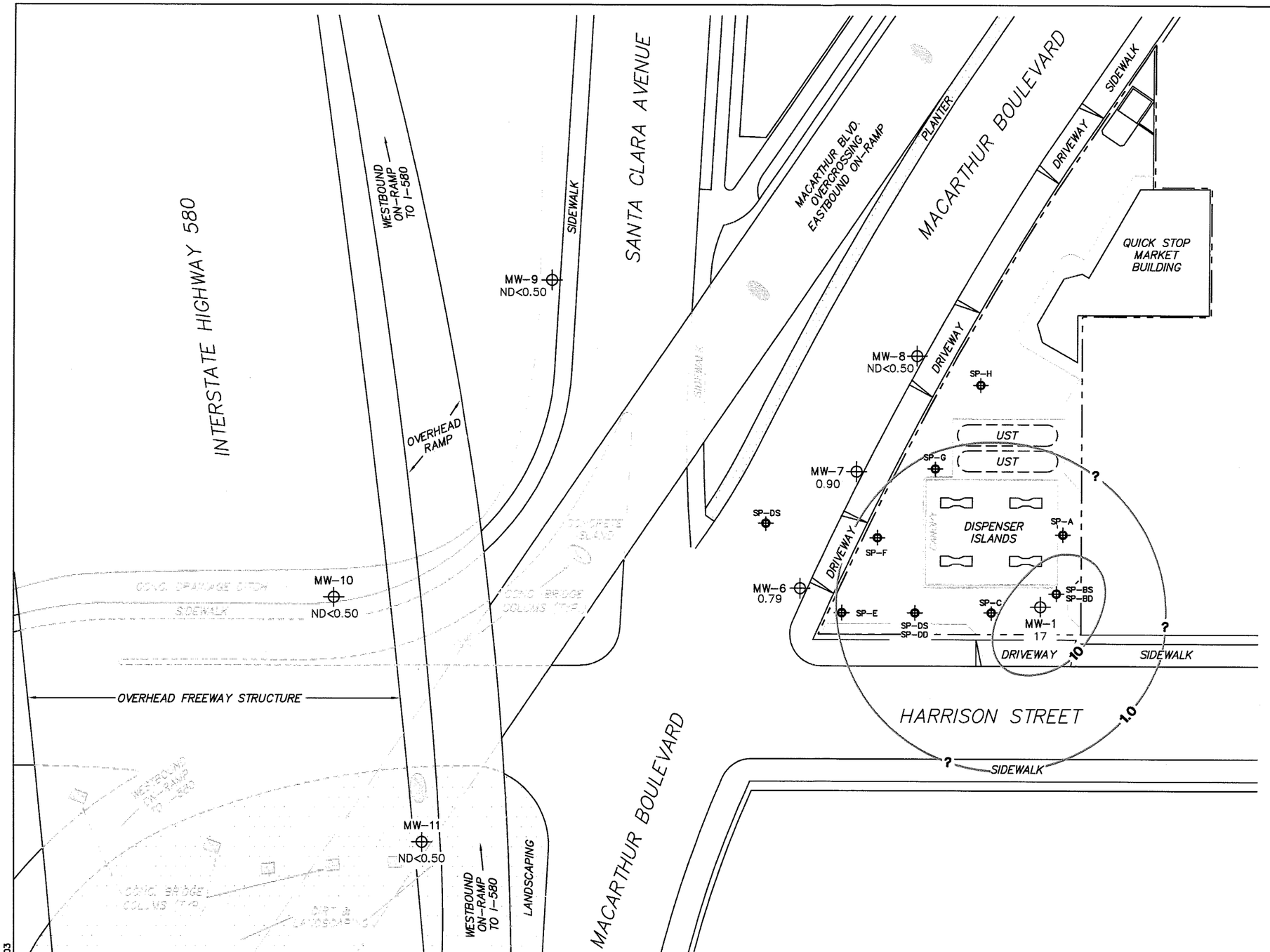
76 Station 1871
96 MacArthur Boulevard
Oakland, California

FIGURE 3

TRC

PS=1:1 1871-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-1000\1871+\1871QMS.DWG Jan 11, 2006 - 3:23pm rhughes



NOTES:

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 20, 2005

76 Station 1871
96 MacArthur Boulevard
Oakland, California

FIGURE 4

TRC

PS=1:1 1871-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-1000\1871+\1871QMS.DWG Jan 20, 2006 - 7:26am mesten

INTERSTATE HIGHWAY 580

WESTBOUND ON-RAMP TO I-580

SIDEWALK

SANTA CLARA AVENUE

MACARTHUR BLVD. OVERCROSSING EASTBOUND ON-RAMP

PLANTER

MACARTHUR BOULEVARD

SIDEWALK

DRIVEWAY

QUICK STOP MARKET BUILDING

OVERHEAD RAMP

MW-9
2800

MW-8
86

SP-H

DRIVEWAY

UST

UST

SP-G

MW-7
8200

SP-DS

SP-F

DISPENSER ISLANDS

SP-A

DRIVEWAY

MW-6
2400

SP-E

SP-DS
SP-DD

SP-C

SP-BS
SP-BD

MW-1
2400

DRIVEWAY

SIDEWALK

MW-10
0.57

OVERHEAD FREEWAY STRUCTURE

HARRISON STREET

SIDEWALK

MW-11
ND<0.50

WESTBOUND ON-RAMP TO I-580

LANDSCAPING

MACARTHUR BOULEVARD

?

1,000

100

10

N

LEGEND

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

SP-H ⊕ Ozone Sparge Well

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

NOTES:

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

SCALE (FEET)

0 40

PS=1:1 1871-003

TRC

DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 20, 2005

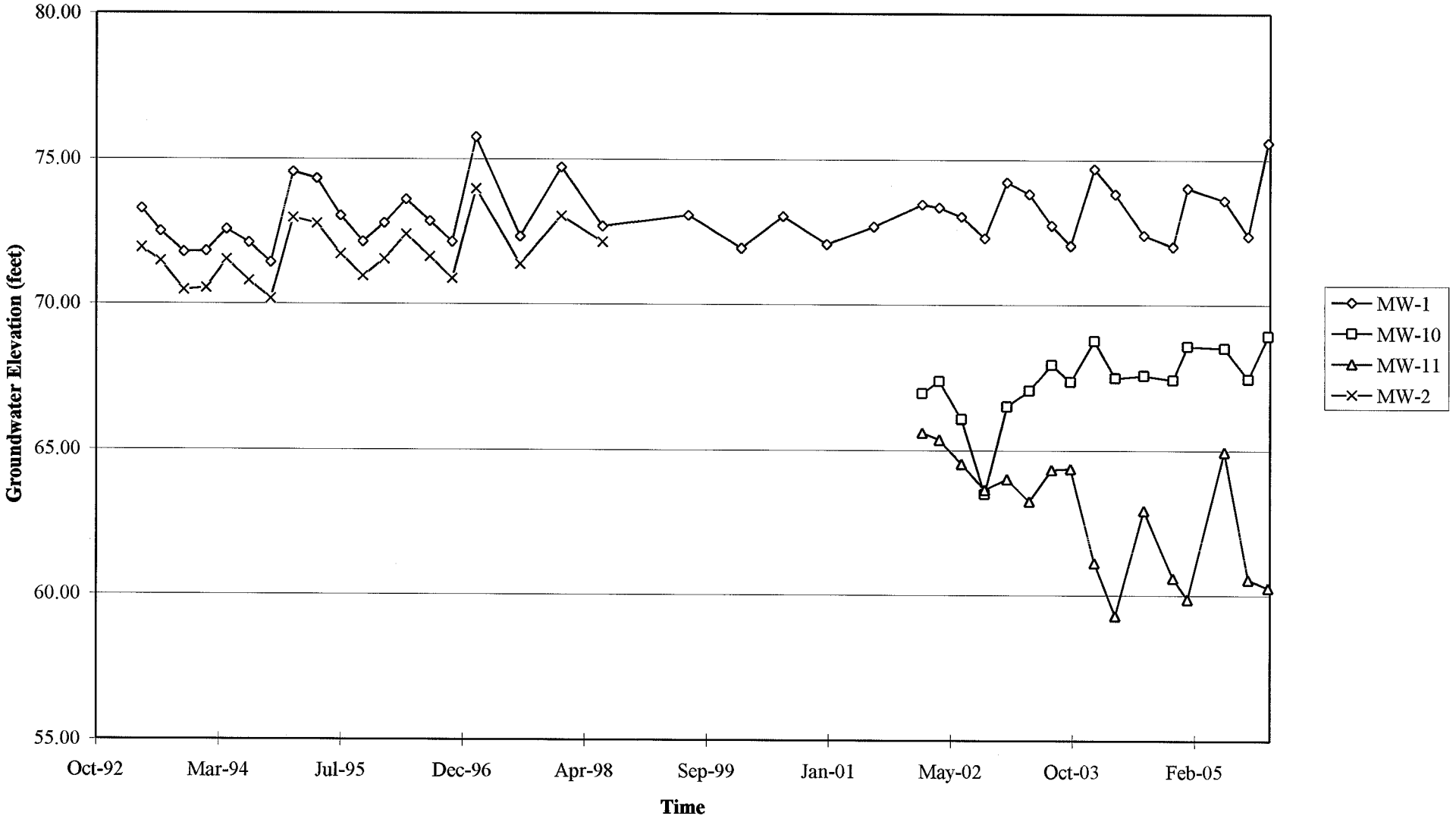
76 Station 1871
96 MacArthur Boulevard
Oakland, California

FIGURE 5

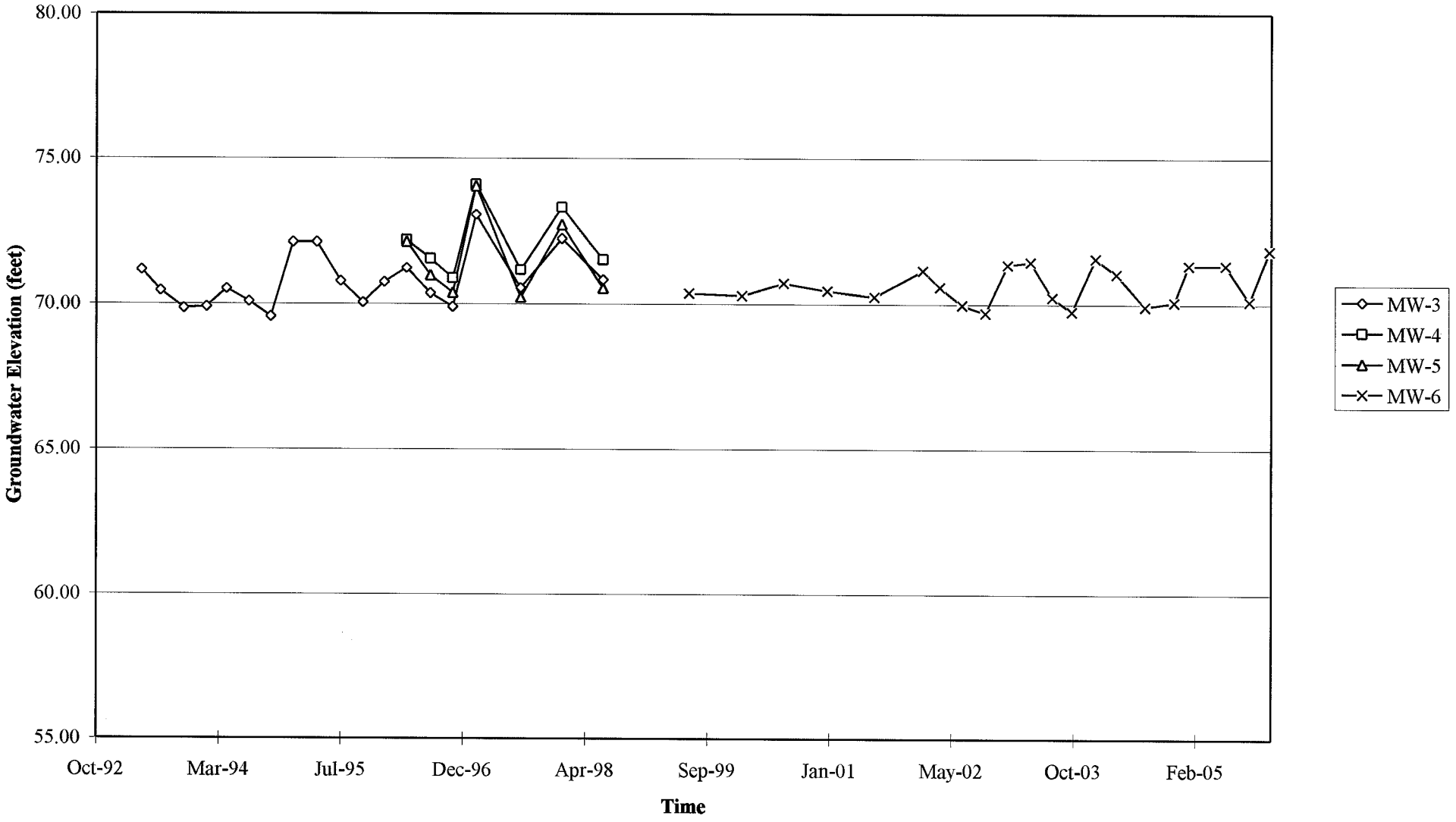
L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-1000\1871+\1871QMS.DWG Jan 11, 2006 - 3:23pm rhughes

GRAPHS

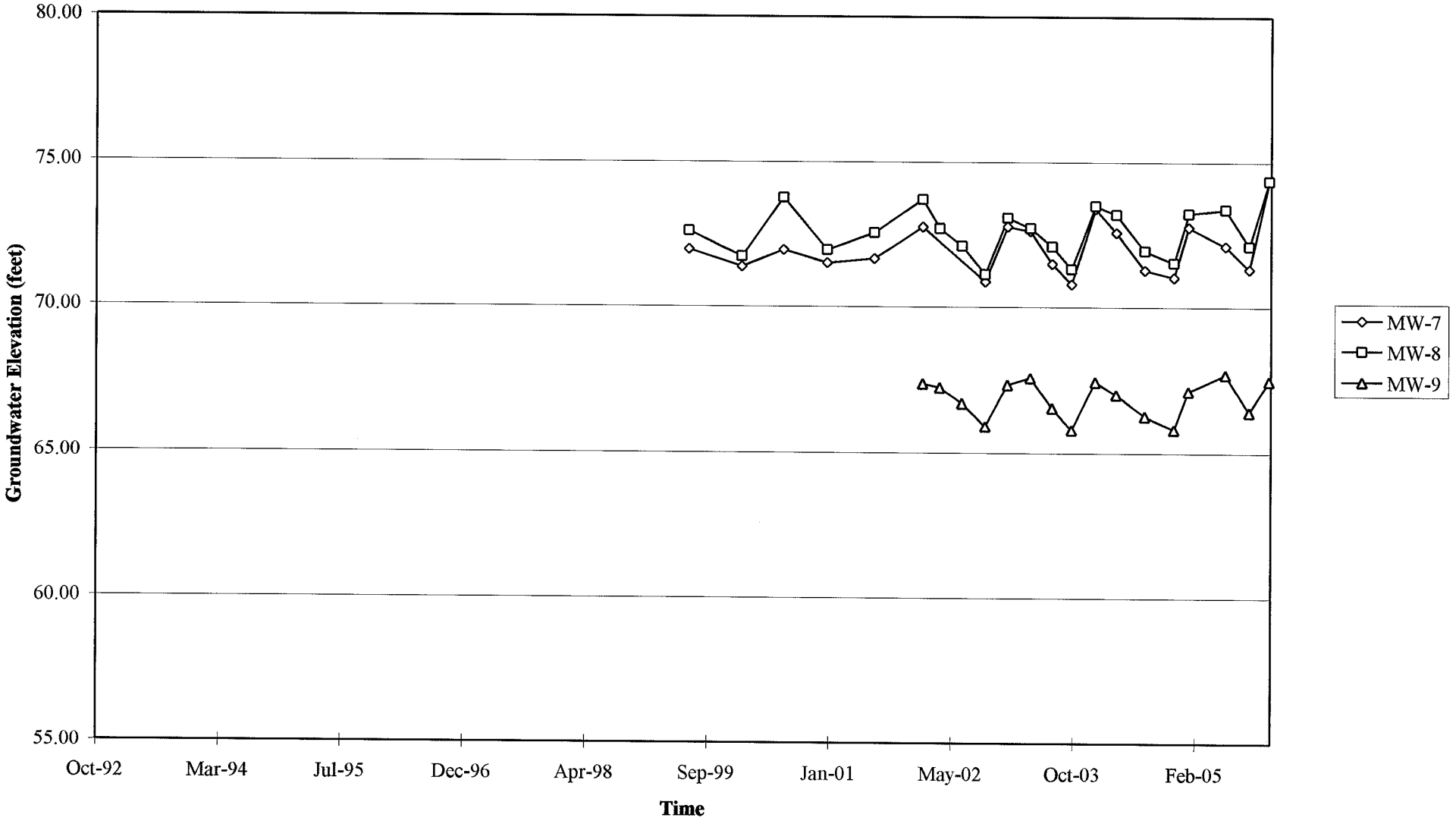
Groundwater Elevations vs. Time
76 Station 1871



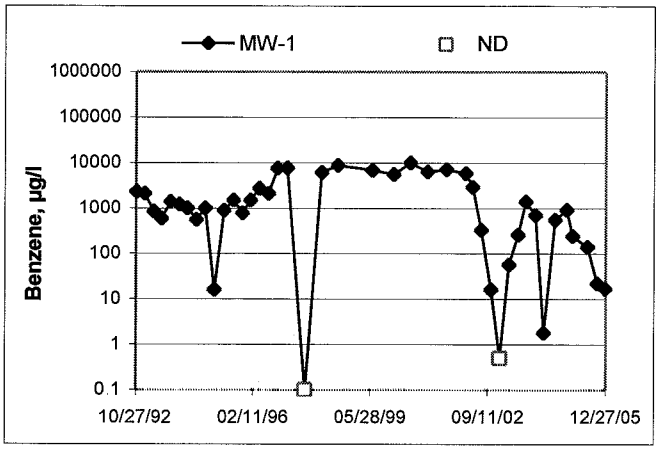
Groundwater Elevations vs. Time
76 Station 1871

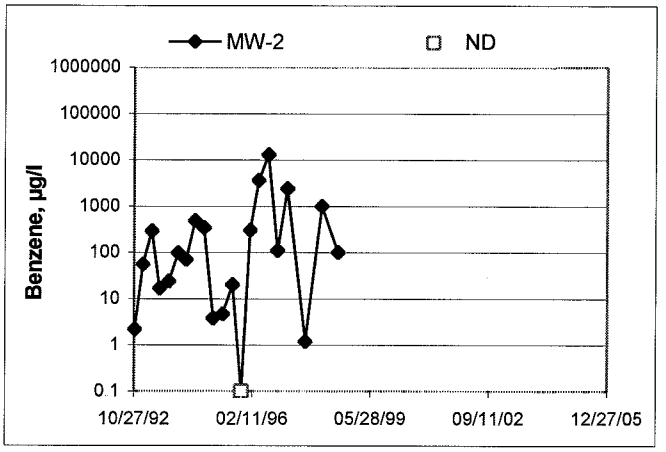


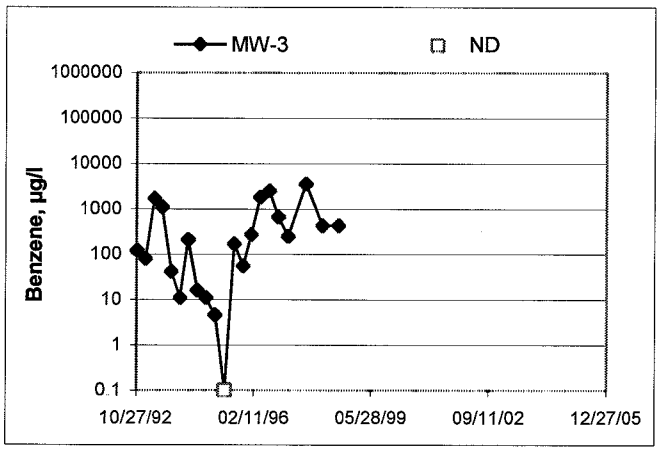
Groundwater Elevations vs. Time
76 Station 1871

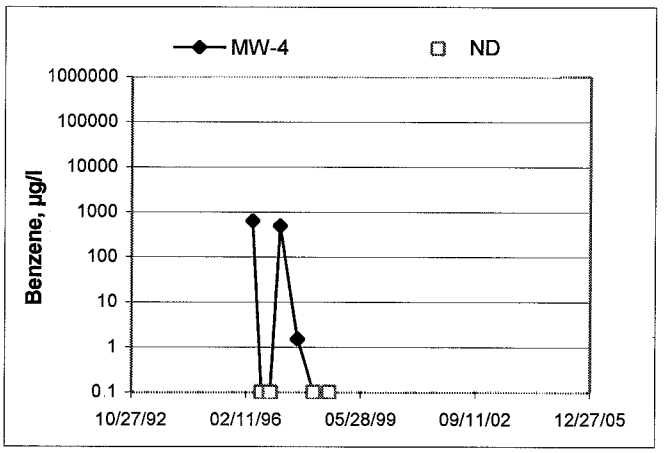


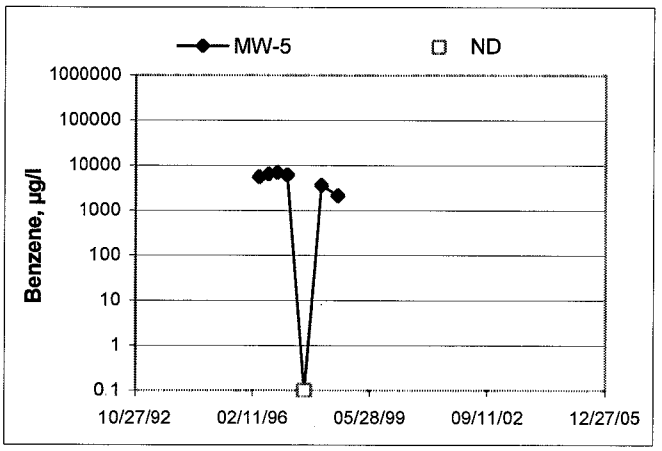
Benzene Concentrations vs Time
76 Station 1871

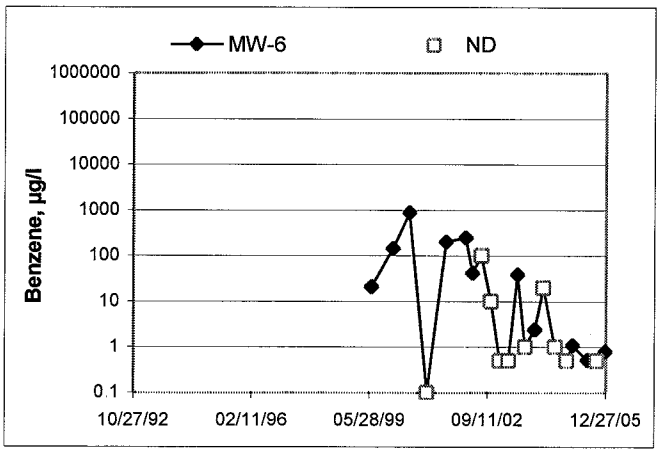


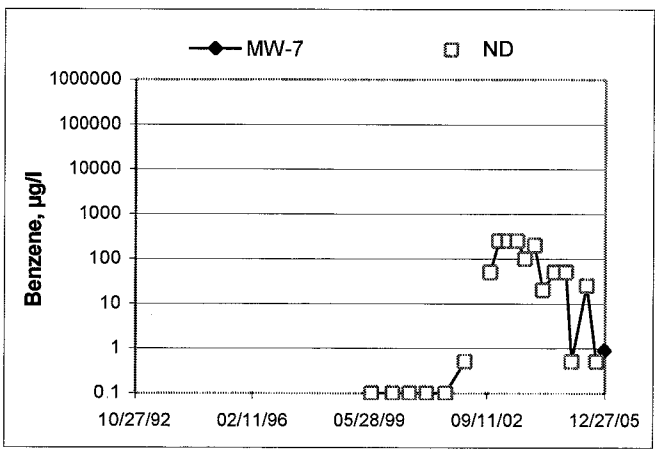


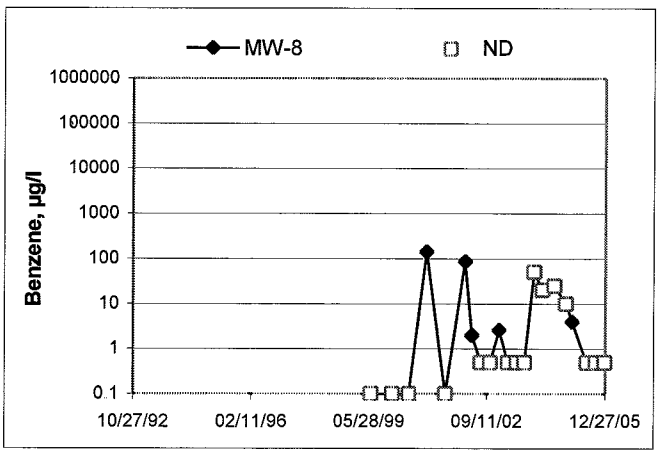




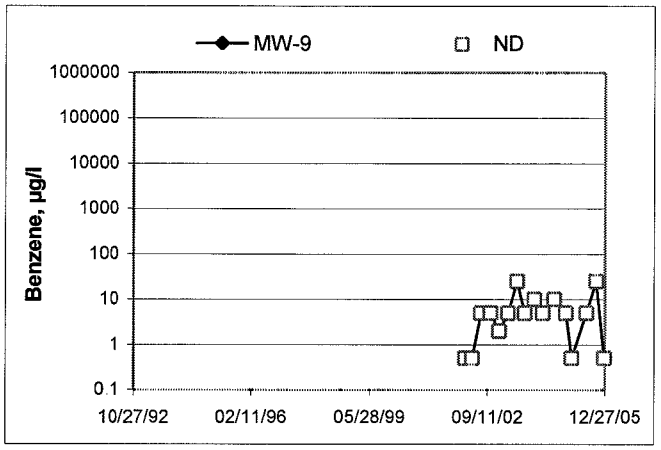


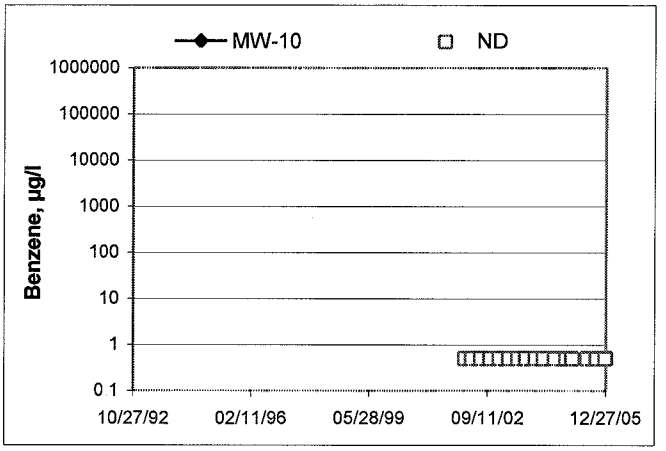


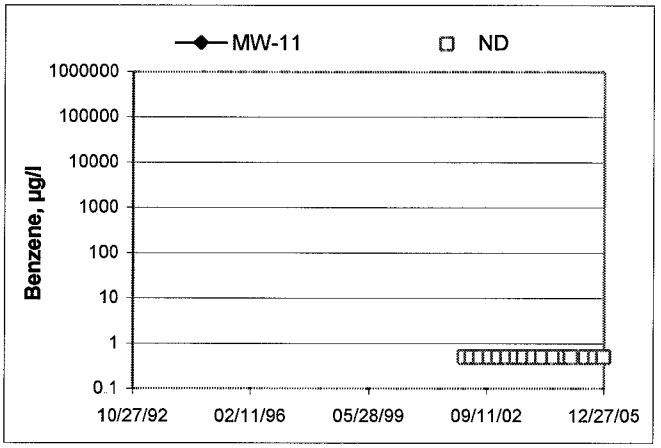




Benzene Concentrations vs Time
76 Station 1871







GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: ALEX / JESUS Job #/Task #: 410006.1 / FA20 Date: 12-20-05

Site # 1871 Project Manager KEITH WOODBURNE Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-10	1012	-	19.98	6.04	e	e	1255	2"
MW-11	1017	-	30.14	17.06	e	e	1257	2"
MW-8	1031	-	24.24	7.35	e	e	1321	2"
MW-6	1038	-	24.50	7.82	e	e	1314	2"
MW-9	1023	-	19.85	14.61	e	e	1310	2"
MW-7	1040	-	24.32	6.31	e	e	1321	2"
MW-1	1045	-	25.04	11.42	e	e	1340	4"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 1871 Project No.: 41050001 Date: 12/20/05

Well No.: MW-10 Purge Method: ~~D~~ H.B.

Depth to Water (feet): 6.04 Depth to Product (feet): 0

Total Depth (feet): 19.98 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.94 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.82 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	~~Turbidity~~ ORP	D.O.
11:30			2	502	19.7	7.24	59	3.45
			4	509	19.7	7.03	62	4.30
			6	524	19.9	6.98	58	3.85
	11:42						035	800

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.80	6	1255

Comments:

Well No.: MW-11 Purge Method: ~~D~~ H.B

Depth to Water (feet): 17.06 Depth to Product (feet): 0

Total Depth (feet): 30.14 LPH & Water Recovered (gallons): 0

Water Column (feet) 13.08 Casing Diameter (Inches) 2"

80% Recharge Depth (feet): 19.67 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	~~Turbidity~~ ORP	D.O.
11:46			2	1373	20.2	7.0	035	4.77
			4	1405	20.4	6.96	074	5.15
	11:56		6	1411	20.5	6.96	070	5.16

Static at Time Sampled	Total Gallons Purged	Time Sampled
17.95	6	1257

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 1871 Project No.: 41050001 Date: 12/20/05

Well No.: MW-8 Purge Method: Dig

Depth to Water (feet): 7.35 Depth to Product (feet): 0

Total Depth (feet): 24.29 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.94 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.73 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity ORP	D.O.
1202			3	317	24.1	7.54	-402	3.72
			6	321	23.9	7.00	-240	1.98
	1206		9	302	24.2	7.04	-326	202

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.15	9	1321

Comments:

Well No.: MW-6 Purge Method: Dig

Depth to Water (feet): 7.82 Depth to Product (feet): 0

Total Depth (feet): 24.50 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.68 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.15 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity ORP	D.O
1212			3	775	25.6	6.88	-280	2.32
			6	784	24.1	6.81	-289	1.46
	1216		9	773	24.5	6.82	-217	1.52

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.18	9	13:14

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 1871 Project No.: 410500 01 Date: 12-20-05

Well No.: mw-9 Purge Method: H.B.

Depth to Water (feet): 14.61 Depth to Product (feet): 0

Total Depth (feet): 19.85 LPH & Water Recovered (gallons): 0

Water Column (feet): 5.24 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.65 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O
1115			1	813	23.2	6.69	-102	4.67
			2	697	25.2	6.76	-68	4.98
	1125		3	647	23.2	6.65	-42	5.05

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.73	3	13.10

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	Turbidity	D.O

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 1871 Project No.: 41050001 Date: 12/20/05

Well No.: mw-1 Purge Method: D.9

Depth to Water (feet): 11.42 Depth to Product (feet): 0

Total Depth (feet): 25.04 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.62 Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 14.14 1 Well Volume (gallons): 9

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity ORP	D.O.
1233			9	757	24.8	7.20	-210	2.76
	1238		18	593	24.4	6.93	-328	4.16
			27	-	-	-	-	-

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.10	20	1340

Comments: DRY @ 20 GAL. DID NOT RECOVER @ 45 min.

STATIC 15.85

Well No.: mw-7 Purge Method: PIA

Depth to Water (feet): 6.31 Depth to Product (feet): 0

Total Depth (feet): 24.32 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.01 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.91 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity ORP	D.O.
1222			3	651	24.0	6.87	-263	2.03
			6	647	24.5	6.90	-322	2.23
	1226		9	644	24.6	6.82	-256	2.04

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.24	9	1321

Comments:

BC Laboratories, Inc

Date of Report: 01/04/2006

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 1871
BC Lab Number: 0512637

Enclosed are the results of analyses for samples received by the laboratory on 12/22/05 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

4100 Atlas Court • Bakersfield, CA 93308 • (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

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

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

Reported: 01/04/06 10:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512637-01	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 12:55	Global ID: T0600101493
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-10	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:
0512637-02	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 12:57	Global ID: T0600101493
	Sampling Location:	MW-11	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-11	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:
0512637-03	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 13:21	Global ID: T0600101493
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:
0512637-04	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 13:14	Global ID: T0600101493
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:
0512637-05	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 13:10	Global ID: T0600101493
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:

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

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

Reported: 01/04/06 10:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512637-06	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 13:21	Global ID: T0600101493
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:
0512637-07	**COC Number:**	---	**Receive Date:**	12/22/05 22:30	Delivery Work Order (LabW:
	Project Number:	1871	**Sampling Date:**	12/20/05 13:40	Global ID: T0600101493
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Alex/Jesus of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-01 | **Client Sample Name:** 1871, MW-10, MW-10, 12/20/2005 12:55:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	0.57	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150		
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	95.1	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:12	MCF	MS-V10	1	BOL1150		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-02 | **Client Sample Name:** 1871, MW-11, MW-11, 12/20/2005 12:57:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	92.8	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:35	MCF	MS-V10	1	BOL1150		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-03 | **Client Sample Name:** 1871, MW-8, MW-8, 12/20/2005 1:21:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	78	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	86	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	82	ug/L	1.0		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	2700	ug/L	500		EPA-8260	12/28/05	12/31/05 08:42	MCF	MS-V10	10	BOL1150	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/31/05 08:42	MCF	MS-V10	10	BOL1150		
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/31/05 08:42	MCF	MS-V10	10	BOL1150		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/31/05 08:42	MCF	MS-V10	10	BOL1150		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 12:57	MCF	MS-V10	1	BOL1150		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-04 | **Client Sample Name:** 1871, MW-6, MW-6, 12/20/2005 1:14:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.79	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	0.68	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	2400	ug/L	100		EPA-8260	12/28/05	12/30/05 13:13	MCF	MS-V10	200	BOL1150	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	2.3	ug/L	1.0		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	640	ug/L	50		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:13	MCF	MS-V10	200	BOL1150		
Toluene-d8 (Surrogate)	97.4	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:13	MCF	MS-V10	200	BOL1150		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:19	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	92.3	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:13	MCF	MS-V10	200	BOL1150		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-05 | **Client Sample Name:** 1871, MW-9, MW-9, 12/20/2005 1:10:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	2800	ug/L	100		EPA-8260	12/28/05	12/30/05 13:35	MCF	MS-V10	200	BOL1150	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	560	ug/L	50		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150		
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:35	MCF	MS-V10	200	BOL1150		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:35	MCF	MS-V10	200	BOL1150		
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	98.2	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 13:42	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	93.5	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:35	MCF	MS-V10	200	BOL1150		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-06 | **Client Sample Name:** 1871, MW-7, MW-7, 12/20/2005 1:21:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.90	ug/L	0.50		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	24	ug/L	0.50		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
Methyl t-butyl ether	8200	ug/L	120		EPA-8260	12/28/05	12/30/05 13:58	MCF	MS-V10	250	BOL1150	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	37	ug/L	1.0		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	1100	ug/L	50		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150		
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:58	MCF	MS-V10	250	BOL1150		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:58	MCF	MS-V10	250	BOL1150		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	98.0	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:04	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	96.1	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 13:58	MCF	MS-V10	250	BOL1150		

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

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

Reported: 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512637-07 | **Client Sample Name:** 1871, MW-1, MW-1, 12/20/2005 1:40:00PM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	17	ug/L	0.50		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150	ND	
Ethylbenzene	180	ug/L	100		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150	ND	A01
Methyl t-butyl ether	2400	ug/L	100		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150	ND	A01
Toluene	29	ug/L	0.50		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150	ND	
Total Xylenes	840	ug/L	200		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150	ND	A01
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150	ND	
Total Purgeable Petroleum Hydrocarbons	10000	ug/L	10000		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150		
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 14:20	MCF	MS-V10	200	BOL1150		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/29/05 14:26	MCF	MS-V10	1	BOL1150		

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

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

Reported: 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL1150	BOL1150-MS1	Matrix Spike	ND	28.070	25.000	ug/L		112		70 - 130	
		BOL1150-MSD1	Matrix Spike Duplicate	ND	28.130	25.000	ug/L	0.889	113	20	70 - 130	
Toluene	BOL1150	BOL1150-MS1	Matrix Spike	ND	27.370	25.000	ug/L		109		70 - 130	
		BOL1150-MSD1	Matrix Spike Duplicate	ND	27.790	25.000	ug/L	1.82	111	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL1150	BOL1150-MS1	Matrix Spike	ND	11.180	10.000	ug/L		112		76 - 114	
		BOL1150-MSD1	Matrix Spike Duplicate	ND	10.800	10.000	ug/L		108		76 - 114	
Toluene-d8 (Surrogate)	BOL1150	BOL1150-MS1	Matrix Spike	ND	9.9600	10.000	ug/L		99.6		88 - 110	
		BOL1150-MSD1	Matrix Spike Duplicate	ND	10.020	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOL1150	BOL1150-MS1	Matrix Spike	ND	9.9000	10.000	ug/L		99.0		86 - 115	
		BOL1150-MSD1	Matrix Spike Duplicate	ND	9.9200	10.000	ug/L		99.2		86 - 115	

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL1150	BOL1150-BS1	LCS	27.770	25.000	1.0	ug/L	111		70 - 130		
Toluene	BOL1150	BOL1150-BS1	LCS	27.730	25.000	1.0	ug/L	111		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL1150	BOL1150-BS1	LCS	10.460	10.000		ug/L	105		76 - 114		
Toluene-d8 (Surrogate)	BOL1150	BOL1150-BS1	LCS	9.8900	10.000		ug/L	98.9		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOL1150	BOL1150-BS1	LCS	10.000	10.000		ug/L	100		86 - 115		

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

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

Reported: 01/04/06 10:10

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	BOL1150	BOL1150-BLK1	ND	ug/L	1.0	0.12	
Ethylbenzene	BOL1150	BOL1150-BLK1	ND	ug/L	1.0	0.12	
Methyl t-butyl ether	BOL1150	BOL1150-BLK1	ND	ug/L	2.0	0.12	
Toluene	BOL1150	BOL1150-BLK1	ND	ug/L	1.0	0.15	
Total Xylenes	BOL1150	BOL1150-BLK1	ND	ug/L	1.0	0.37	
Ethanol	BOL1150	BOL1150-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BOL1150	BOL1150-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOL1150	BOL1150-BLK1	113	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL1150	BOL1150-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL1150	BOL1150-BLK1	93.2	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience	Project: 1871	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/04/06 10:10

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Submission #: 05-12637 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID RM Emissivity 1.0
Temperature: 3.1 °C Container QtA
Thermometer ID: 48

Date/Time 12/22/05
Analyst Init ARM

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

Comments:_____
Sample Numbering Completed By: ARM Date/Time: 12/23 2045

mw

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE:
BCL QUOTE ID:

36578

Page 1 of 1

Report To: Client: TRC	Project #: 410500001
Attn: ANJU FARFAN	Project Name: CONOCO PHILIPS
Street Address: 1590 SOLANO WAY	Project Code: 1871
City, State, Zip: CONCORD	Sampler(s): ALEX, JESUS
Phone: Fax:	LAB WO # 1120TRC501
Email Address:	GLOBAL ID# T0600101493
Submittal #: 05-12637	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Sample #	Description	Date Sampled	Time Sampled	TPH by 8260B	BTEX by 8260B	MTBE by 8260B	Ethanol by 8260B	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	MW-10	12/20/05	1255	X	X	X	X				X				3 VOAs w/ HCl
-2	MW-11		1257												
-3	MW-8		1321												
-4	MW-6		1314												
-5	MW-9		1310												
-6	MW-7		1321												
-7	MW-1		1340												

CHK BY DISTRIBUTION
SUB-OUT

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Comments:

Billing ☐ Same as above

Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Alex Manalili	12-20-05	1520	REFRIGERATOR	12-20-05	1500
2.	[illegible]	12/22/05	1235	Ross Wadley	12/22/05	1235
3.	Ross Wadley	12/22/05	1955	Clear Lee Coffee	12-22-05	1955

Northern CA

Clear Lee Coffee 12-22-05 2230

12/22/05 2230

STATEMENTS

Purge Water Disposal

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

Limitations

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

SECOR
INTERNATIONAL
INCORPORATED

www.secor.com
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
916-861-0430 FAX

January 13, 2006

Mr. Thomas Kosel
ConocoPhillips
76 Broadway
Sacramento, CA 95818

RE: **Quarterly Remedial Performance Summary-Fourth Quarter 2005**
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, CA
SECOR Project No.: 77CP.60004.04.1871

Dear Mr. Kosel:

This letter, prepared by SECOR International Incorporated (SECOR) on behalf of ConocoPhillips, presents a remedial action performance summary for the ozone injection system operating at the site referenced above. Included in this report are tables and figures summarizing the system operation during the current quarter. Field data sheets and laboratory reports are included as Attachments A and B, respectively. A brief site background and the status of recent remedial activities are presented below.

SITE BACKGROUND

The site is located on MacArthur Boulevard to the southeast of Oakland Avenue in Oakland, California (Figure 1). The site is currently an operating service station. In April 2002 an ozone injection system was installed at the site. SECOR took over operation of the remedial system in September 2003.

REMEDIAL PERFORMANCE SUMMARY

The ozone injection system consists of a panel mounted KVA C-Sparge™ System that produces up to 4 grams per hour (0.009 pounds per hour) of ozone. The system injects to ten sparge wells: SP-A, SP-BS/BD, SP-C, SP-DS/DD, SP-E, SP-F, SP-G, and SP-H. During the current quarter several system elements were replaced or repaired. The hourmeter, exhaust fan inside the panel, and ground fault circuit interrupter (GFCI) were replaced on November 11, 2005. All ozone piping to the wells was replaced on November 15, 2005, along with the circuit card in the ozone generator and the pressure gauge in the panel. The system operated for 319 hours during the current quarter, resulting in 12% runtime.

Monthly groundwater samples were collected from monitoring wells MW-1 and MW-7 on October 23, 2005. All samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tert-butyl ether (MtBE). Results of monthly groundwater sampling events are summarized in Table 2. Concentration versus time graphs for dissolved TPHg, benzene, and MtBE in monitoring

wells MW-1 and MW-7 are provided in Figures 2 and 3. Groundwater sampling was discontinued in the fourth quarter at the request of ConocoPhillips.

Field data sheets are provided in Attachment A. Certified laboratory analytical reports and chain-of-custody documentation are provided in Attachment B.

If you have any questions, please contact us at (916) 861-0400.

Sincerely,
SECOR International Incorporated

Amy Draffan
Project Engineer

Rusty Benkosky, P.E.
Principal Engineer

Attachments: Figure 1 – Site Plan
Figure 2 – MW-1 TPHg, Benzene, and MtBE Groundwater Concentrations
Figure 3 – MW-7 TPHg, Benzene, and MtBE Groundwater Concentrations

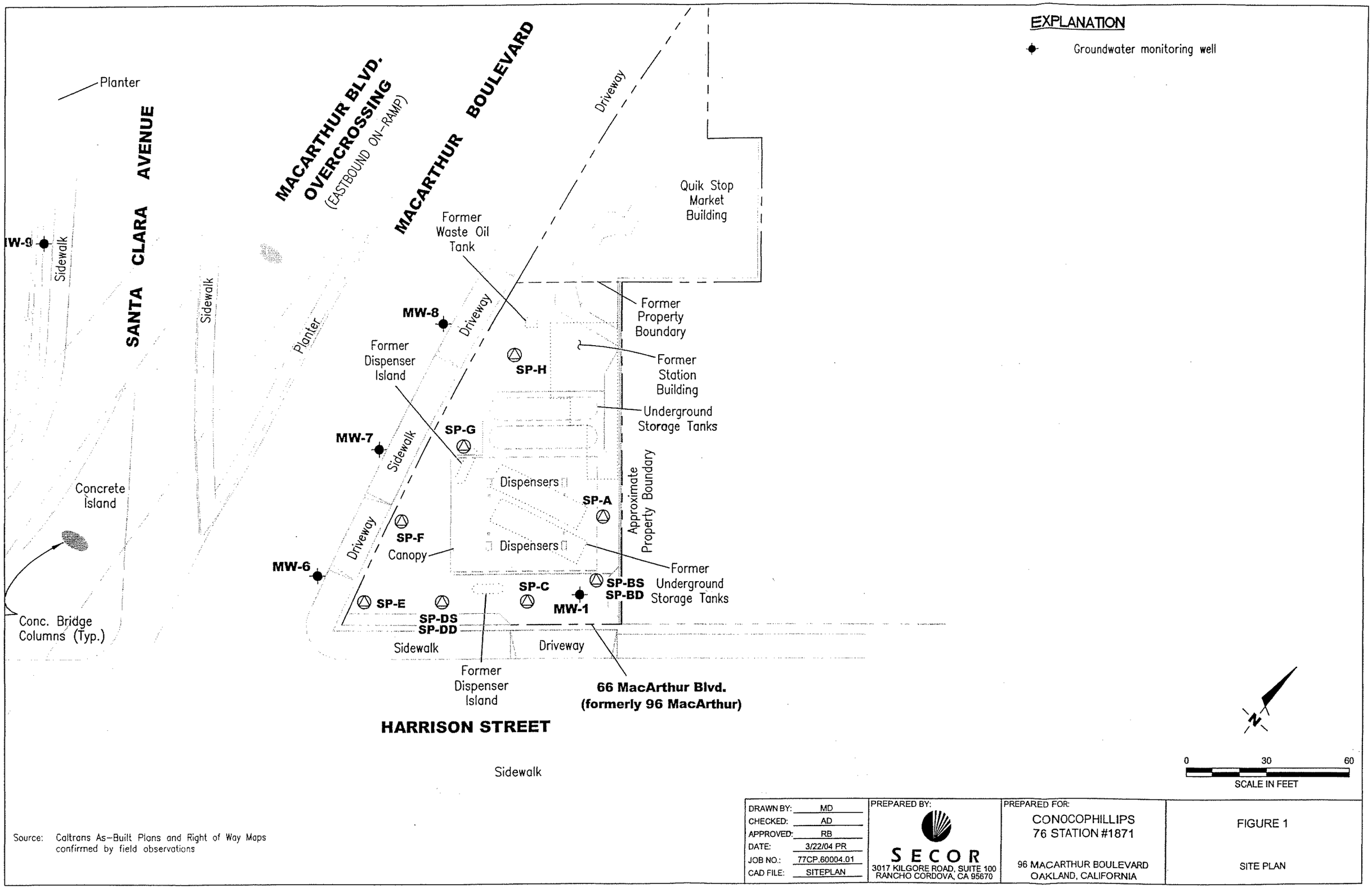
Table 1 – System Operation Data
Table 2 – Groundwater Analytical Data

Attachment A – Field Data Sheets
Attachment B – Certified Laboratory Analytical Reports and Chain of Custody Documentation

cc: Mr. Roger Batra, TRC (3 copies)
Mr. Dan Truzzolino, ConocoPhillips

RB/ad

FIGURES



Source: Caltrans As-Built Plans and Right of Way Maps confirmed by field observations

DRAWN BY:	MD
CHECKED:	AD
APPROVED:	RB
DATE:	3/22/04 PR
JOB NO.:	77CP.60004.01
CAD FILE:	SITEPLAN

PREPARED BY:
SECOR
3017 KILGORE ROAD, SUITE 100
RANCHO CORDOVA, CA 95670

PREPARED FOR:
CONOCOPHILLIPS
76 STATION #1871
96 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

FIGURE 1
SITE PLAN

M:\ConocoPhillips\1871\CP 1871 SITEPLAN.dwg, 9/28/2004 2:47:13 PM

Figure 2
MW-1 TPHg, Benzene, and MtBE Groundwater Concentrations
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California

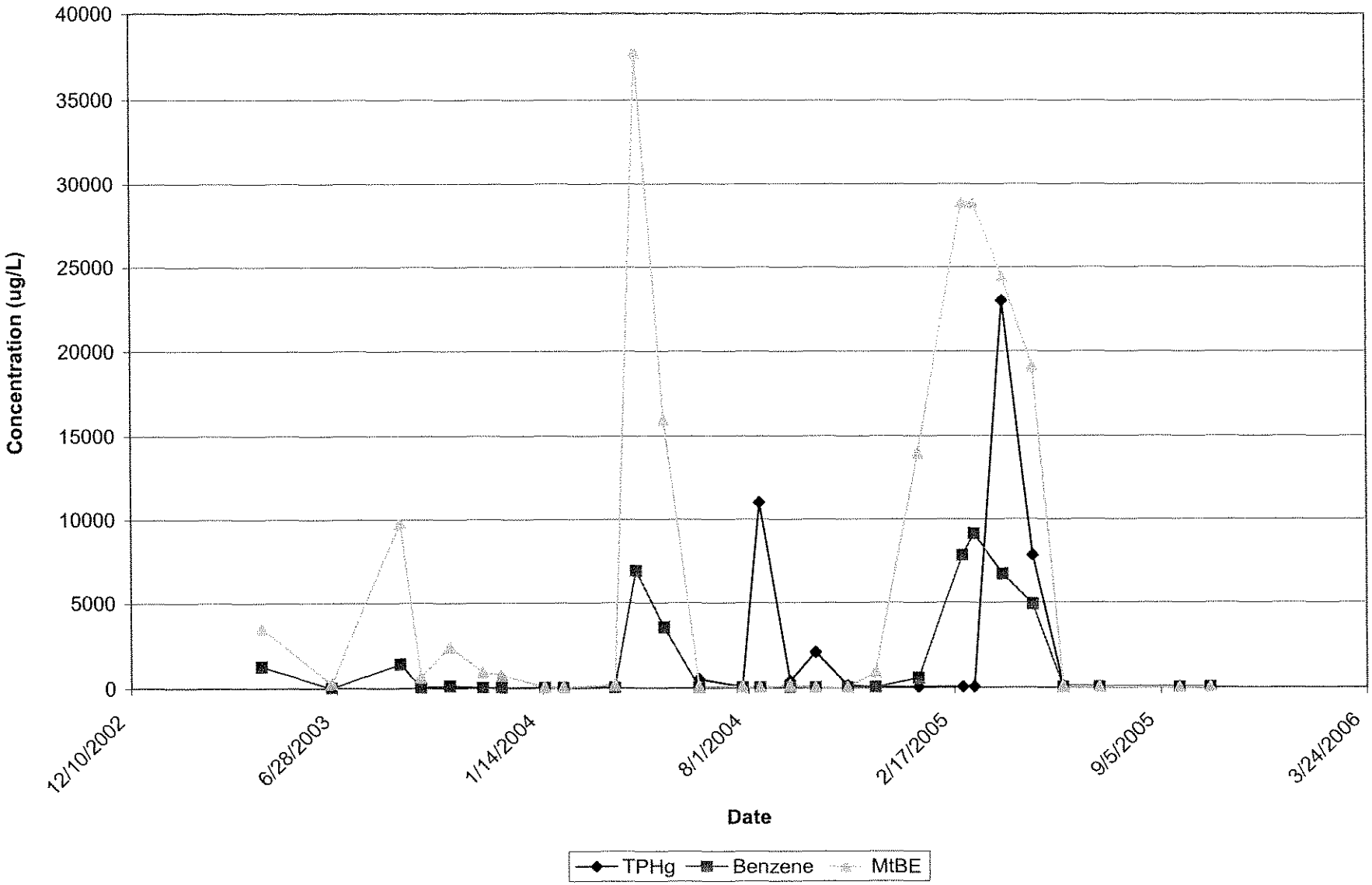
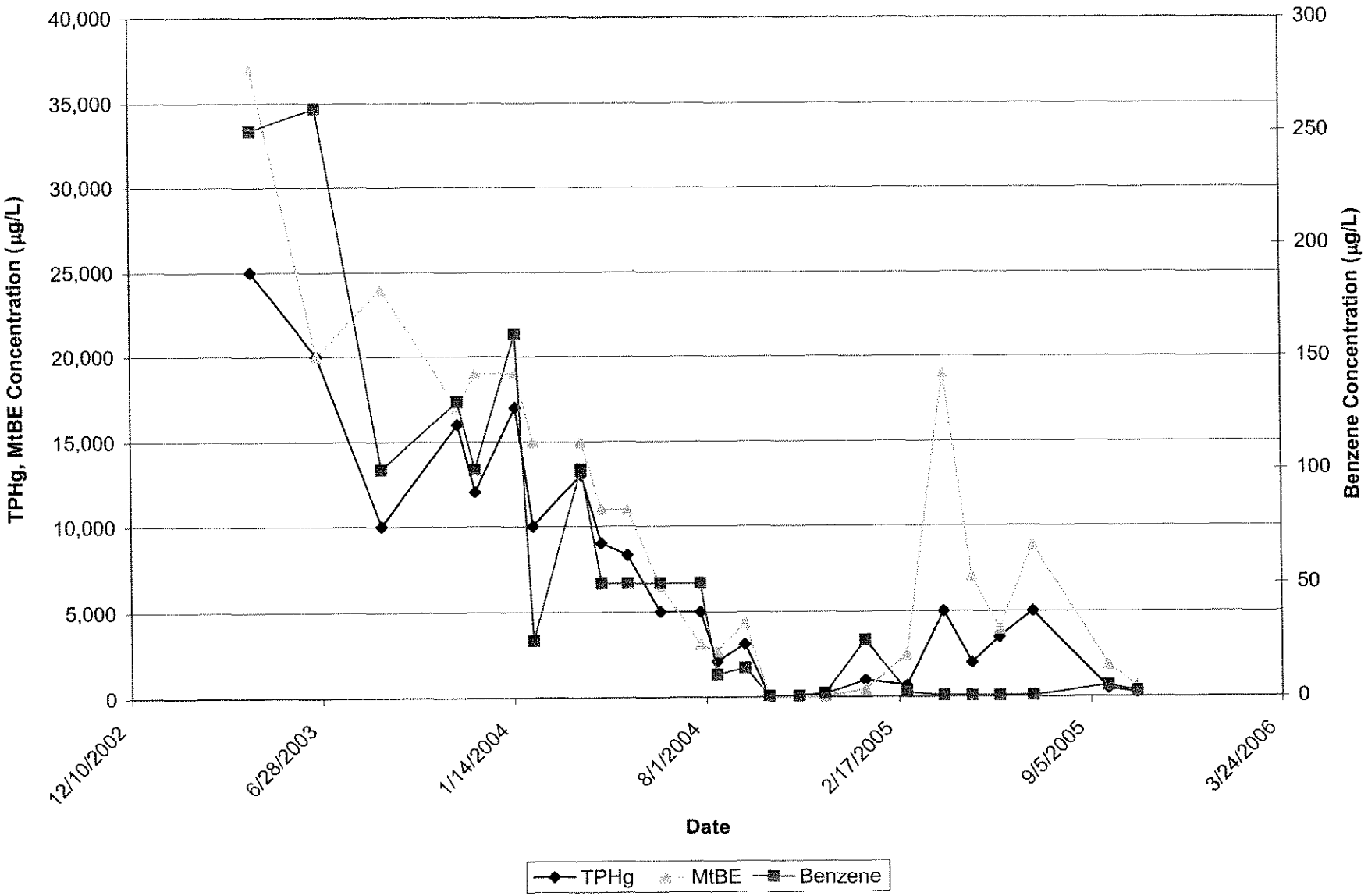


Figure 3
MW-7 TPHg, Benzene, and MtBE Groundwater Concentrations
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California



TABLES

Table 1
Ozone Injection - System Operation Data
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California

Date	Notes	OZONE SPARGE SYSTEM						OZ-1	OZ-2	OZ-3	OZ-4	OZ-5	OZ-6	OZ-7	OZ-8	OZ-9	OZ-10
		System Status (On/Off)		Hourmeter	Period Online	Cumulative	Ozone Injected	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure
		Arrival	Departure	Reading	Factor	Online Factor	(lbs)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)
6/23/03		On	On	8807.26	--	0.95	--	20	18	19	20	21	23	20	26	14	26
7/16/03		**Off**	On	8850.46	0.09	0.91	0.39	27	18	31	40	28	29	31	38	24	25
8/30/03		On	On	9180.61	0.35	0.86	2.97	17	15	17	19	19	19	20	26	19	26
9/18/03		On	On	9327.43	0.37	0.84	1.32	13.5	14.7	17.0	16.3	16.0	19.7	16.8	19.8	15.7	20
10/16/03		On	On	--	--	0.84	--	27.0	19.5	40.8	39.0	40.8	38.5	34.2	46.4	24.2	39.8
11/17/03		On	On	9696.55	0.29	0.81	--	11.0	20.0	17.0	18.0	17.5	17.0	16.0	21.0	51.0	22.0
12/5/03		On	On	9804.98	0.29	0.80	0.98	33.0	21.0	44.0	40.0	43.0	39.0	33.5	44.0	26.0	33.0
1/16/04		On	On	10471.28	0.76	0.79	6.00	12.5	11.0	18.5	16.5	17.5	17.0	16.0	20.0	16.0	20.0
2/3/04		On	On	10727.69	0.68	0.79	2.31	12.3	11.5	18.2	16.5	18.2	17.3	16.0	19.0	16.0	18.2
3/24/04		On	On	11424.95	0.66	0.78	6.28	31.0	18.3	37.5	26.0	34.0	33.2	32.3	41.5	23.0	31.0
4/14/04		On	On	11676.10	0.57	0.77	2.26	32.0	19.0	38.7	26.0	37.7	37.1	32.8	41.8	23.8	29.5
4/15/04	a	On	On	11685.29	0.44	0.77	0.08	--	--	--	--	--	--	--	--	--	--
4/16/04	a	On	On	11693.80	0.41	0.77	0.08	--	--	--	--	--	--	--	--	--	--
4/19/04	a	On	On	11742.90	0.78	0.77	0.44	--	--	--	--	--	--	--	--	--	--
4/23/04	a	On	On	11773.10	0.36	0.77	0.27	--	--	--	--	--	--	--	--	--	--
5/4/04		**Off**	On	11837.70	0.28	0.76	0.58	32.2	20.5	39.4	36.2	38.1	32.0	33.5	60.0	25.8	33.1
5/11/04		On	On	11950.51	0.77	0.76	1.02	32.5	20.0	38.5	29.8	38.8	39.5	34.8	60.0	23.5	35.9
6/14/04	b,c	On	On	12464.64	0.72	0.76	4.63	20.0	21.0	38.8	27.2	37.0	38.2	35.2	60.0	24.0	32.1
7/29/04	d	On	On	844.62	0.99	0.77	7.60	22	15	--	26	35	34	35	--	25	33
8/12/04	e	On	On	1075.97	0.98	0.78	2.08	--	--	--	--	--	--	--	--	--	--
9/10/04		On	On	1490.23	0.85	0.78	3.73	32	32	33	33	21	24	30	20	26	30
10/5/04		On	On	1868.83	0.90	0.78	3.41	31	32	33	31	22	23	31	21	26	28
11/5/04		On	On	2360.90	0.93	0.79	4.43	22	26	12	18	12	22	30	32	26	22
12/2/04	f	**Off**	**Off**	2802.02	0.97	0.79	3.97	--	--	--	--	--	--	--	--	--	--
1/13/05		**Off**	On	2802.07	0.00	0.76	0.00	23	27	15	20	15	23	31	34	28	25
2/25/05	g	**Off**	**Off**	2802.42	0.00	0.73	0.00	--	--	--	--	--	--	--	--	--	--
3/8/05	h,i	**Off**	**Off**	2802.42	0.00	0.72	0.00	--	--	--	--	--	--	--	--	--	--
4/5/05	i	**Off**	**Off**	2802.42	0.00	0.70	0.00	--	--	--	--	--	--	--	--	--	--
5/4/05	j	**Off**	On	2802.49	0.00	0.69	0.00	14	11	16	12	20	27	25	29	25	31
6/2/05	k	On	On	3407.97	1.00	0.69	5.45	35	25	**Off**	40	41	36	35	34	27	25
7/7/05	k,l,m	On	On	4067.42	1.29	0.71	5.94	31	23	**Off**	30	**Off**	26	32	28	25	**Off**
8/26/05	n	On	On	4665.98	0.81	0.72	5.39	13	13	**Off**	14	**Off**	13	12	12	13	**Off**
9/23/05	o	On	On	4947.97	0.69	0.71	2.54	16	15	**Off**	**Off**	**Off**	16	16	16	16	**Off**
10/23/05	p	On	On	5264.28	0.72	0.71	2.85	16	16	**Off**	**Off**	**Off**	16	16	16	16	**Off**
11/11/05	q,r	On	**Off**	0.90	--	0.71	--	--	--	--	--	--	--	--	--	--	--
11/15/05	s	**Off**	On	0.90	0.00	0.71	0.00	35	16	16	22	23	18	23	23	23	24
12/6/06	t	**Off**	On	2.49	0.00	0.55	0.01	22	20	19	24	24	22	26	23	24	25
							Sparge time per cycle (min)	7	7	7	7	7	7	7	7	7	7

Table 1
Ozone Injection - System Operation Data
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California

Reporting Period: Fourth Quarter 2005 (09/23/05 to 12/06/05)
Total Hours Operational: 17,731
Total Pounds Ozone Injected: 160
Period Hours Operational: 319
Period Percent Operational: 12%
Period Pounds Ozone Injected: 13.86

Definitions:

psi	Pounds per square inch
--	Data not available
NA	Not applicable
lbs	Pounds

Notes:

	System cycles through program 18 times per day, for 53% utilization
a	Troubleshooting time counter
b	Hourmeter replaced
c	Solenoid 8 has high pressure, taken offline
d	Solenoid 3 leaking, taken off line
e	Pressures not properly recorded
f	Ozone generator hose ruptured on effluent side to solenoid manifold. No Readings.
g	System down due to bad GFI
h	New GFI was installed.
i	Fan in compressor broken and tubing from compressor to manifold needs to be replaced. System left off until repairs made.
j	Installed new motor fan and manifold fittings, restarted system.
k	OZ-3 turned off due to high pressure of over 60 psi.
l	OZ-5 too brittle. Left off until lines are replaced.
m	OZ-10 turned off due to leak in secondary containment
n	Hourmeter reading not correct, will check next visit
o	Hourmeter not working properly.
p	Pressure gauge stuck at 16 psi.
q	New hourmeter, panel fan, and GFCI installed
r	Fuse blown in ozone generator, system left off
s	Replaced tubing to all wells and replaced ozone generator circuit board and pressure gauge
t	System down due to tripped GFI; foam on door may have been pressing reset button. Foam removed.

Table 2
Ozone Injection - Groundwater Monitoring Data
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California

		Monitoring Well: MW-1								Monitoring Well: MW-7							
Date	Notes	ORP (mV)	DO (mg/l)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (total) (µg/L)	MtBE (µg/L)	ORP (mV)	DO (mg/l)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (total) (µg/L)	MtBE (µg/L)
4/16/2003	a	NM	NM	510	57	0.62	29	61	160	NM	NM	<25,000	<250	<250	<250	<500	37,000
6/23/2003	a	NM	NM	75	<0.50	<0.50	<0.50	5.3	12	NM	NM	20,000	260	<0.50	<0.50	<1.0	20,000
8/29/2003	a	NM	NM	11,000	64	<10	330	1,400	440	NM	NM	<10,000	<100	<100	<100	<200	24,000
9/18/2003		NM	NM	390	2.3	<0.50	3.6	31	30	NM	NM	--	--	--	--	--	--
10/16/2003		NM	NM	2,100	6.0	<0.50	24.0	120	110	NM	NM	--	--	--	--	--	--
11/17/2003		NM	NM	130	0.51	<0.50	2.1	7.9	43	NM	NM	16,000	<130	<130	<130	<250	17,000
12/5/2003		NM	NM	<50	<0.50	<0.50	<0.50	<1.0	36	NM	NM	12,000	<100	<100	<100	<200	19,000
1/16/2004	b	NM	NM	<50	<0.50	<0.50	<0.50	<1.0	<2.0	NM	NM	17,000	160	270	<130	<250	19,000
2/3/2004		238	NM	<50	<0.50	<0.50	<0.50	<1.0	<2.0	72	NM	10,000	<25	<25	<25	<50	15,000
3/24/2004	b	169	NM	**55**	<0.50	<0.50	**0.80**	**2.9**	**7.8**	56	NM	**13,000**	<100	<100	<100	<200	**15,000**
4/14/2004	b	0.4	NM	**23,000**	**310**	**10**	**590**	**2400**	**1700**	42	NM	**9,000**	<50	<50	<50	<100	**11,000**
5/11/2004		c	NM	**7,800**	**160**	<10	**170**	**700**	**720**	-3	NM	**8,300**	<50	<50	<50	<100	**11,000**
6/14/2004		20	5.25	**110**	<0.50	<0.50	**1.0**	**6.4**	**3.4**	35	1.45	<5,000	<50	<50	<50	<100	**6,500**
7/26/2004		NM	NM	<50	<0.50	<0.50	<0.50	<1.0	**3.2**	NM	NM	<5,000	<50	<50	<50	<100	**3,100**
8/12/2004		171	0.07	<50	<0.50	<0.50	<0.50	<1.0	**0.80**	117	0.06	**2,100**	<10	<10	<10	<20	**2,700**
9/10/2004		180	0.08	<50	<0.50	<0.50	<0.50	<1.0	**5.7**	122	0.07	**3,100**	<13	<13	<13	<25	**4,400**
10/5/2004		175	0.09	<50	<0.50	<0.50	<0.50	<1.0	<0.50	117	0.08	<50	<0.50	<0.50	<0.50	<1.0	**7.1**
11/5/2004	d	117	0.05	<50	<0.50	<0.50	<0.50	<1.0	**0.89**	210	0.06	**50**	<0.50	<0.50	<0.50	<1.0	**1.1**
12/2/2004		109	0.03	**83**	**0.83**	<0.50	<0.50	**1.2**	**44**	214	0.03	**180**	**1.6**	<0.50	**66**	**4.5**	**51**
1/13/2005		105	0.04	**1,100**	**26**	**1.2**	**2.10**	**70**	**630**	201	0.05	**1,000**	**25**	**1**	**1.9**	**68**	**460**
2/25/2005	c,f	--	2.67	**24,000**	**350**	**10**	**820**	**2,200**	**1,300**	21	2.05	**680**	<2.0	<2.0	**2.3**	**58**	**2,500**
3/8/2005	g	-35	4.43	**23,000**	**410**	<10	**1,100**	**2,300**	**1,300**	NR	NR	--	--	--	--	--	--
4/5/2005		-30	4.56	**34,000**	**300**	<10	**910**	**2,000**	**1,100**	135	6.53	<5,000	<.50	<.50	<.50	<1.00	**19,000**
5/4/2005		-59	2.40	**26,000**	**220**	**7.4**	**790**	**2,100**	**860**	-24	1.13	<2,000	<0.50	<0.50	<0.50	<1.0	**7,100**
6/2/2005		-20	7.34	<50	<0.50	<0.50	<0.50	<1.0	**3.5**	-12	1.01	**3500**	<0.50	<0.50	<0.50	<1.0	**4,000**
7/7/2005	i,j	142	7.42	<50	<0.50	<0.50	<0.50	<1.0	**0.61**	154	1.40	**5000**	<0.50	<0.50	<0.50	<1.0	**8,900**
9/23/2005		16	7.77	<50	<0.50	<0.50	<0.50	<1.0	<0.50	56	1.39	<500	<5.0	<5.0	<5.0	<10	**1,900**
10/23/2005		154	7.13	<50	<0.50	<0.50	<0.50	<1.0	**0.56**	191	1.59	<250	<2.5	<2.5	<2.5	<5	**680**
11/1/2005	k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Definitions:

TPHg = Total petroleum hydrocarbons as gasoline
MtBE = Methyl tert-butyl ether
µg/L = Micrograms per liter

ORP = Oxidation Reduction Potential
DO = Dissolved Oxygen
mV = Millivolts
mg/l = Milligrams per liter

Notes:

--	Data not available
NM	Not Measured
a	Sampled by Gettler-Ryan, Inc.
b	Hydrocarbon in gasoline range does not match laboratory gasoline standard.
c	ORP reading under the range
d	Quantity of unknown hydrocarbon(s) in sample based on gasoline.
e	Data not available at time of reporting
f	MW-7 Estimated value of MtBE; concentration exceeded the calibration of analysis
g	Car parked on MW-7.
h	Data not available at time of reporting
i	Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, the concentration would be 58 ug/L. (MW-1).
j	The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern. (MW-1)
k	Sampling discontinued at the request of ConocoPhillips

ATTACHMENT A
FIELD DATA SHEETS

Quarterly Remedial Performance Summary
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, CA
SECOR Project No.: 77CP.60004.04.1871

SITE VISITATION REPORT

Project: Conoco Phillips Date: 9/23/05 Project No: 77CP000904187
Name of Technicians(s) Brian Shoemaker Rate Sch/Bill Code:
Arrival Time: 0555 Departure Time: 0700 Did you call in? (Yes) No
Who did you call? Amy Ewton
Weather Notations: SUN (CLOUDY) RAIN SNOW 1871 Temperature: 60 F

System Running upon arrival
Lubed O2 Compressor with dri Film Silicone
hour meter - 4947.97 Compressor Amps 9.0

1	2	3	4	5	6	7
16 .03	15 .03	off	off	off	16 .03	16 .03

8	9	10
16 .03	16 .03	off

	DO	ORP	Time
MW-1	7.77	+16	0635
MW-7	1.39	+56	0645

ENTERED 9-29-05

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1871
96 MacArthur Blvd
Oakland, California

Requested By: Amy Draffan
Lab: STL

Initials	Date	Time In	System Status on Arrival On/Off	Electrical Meter Reading	Ozone Meter Brand	Ozone Meter Range	Hourmeter	Ozone Readings Outside Compound (ppm)	Ozone Readings Inside Compound (ppm)	Ozone Readings Inside Shed/Panel (ppm)	Ozone Readings Secondary Containment (ppm)
~~BJS~~	~~10/28/05~~ 5538	BJS	ON	—	ECO	.01-.10	5264.28	.02	.02	.02	.02

Pressure Gauge Stuck on 16 PSI

Initials	Date	OZ-1 Press	OZ-1 O_3	OZ-2 Press	OZ-2 O_3	OZ-3 Press	OZ-3 O_3	OZ-4 Press	OZ-4 O_3	OZ-5 Press	OZ-5 O_3	OZ-6 Press	OZ-6 O_3	OZ-7 Press	OZ-7 O_3	OZ-8 Press	OZ-8 O_3	OZ-9 Press	OZ-9 O_3	OZ-10 Press	OZ-10 O_3
		Well Data																			
BJS	~~10/28/05~~	16	.03	16	.03	off		off		off		16	.03	16	.03	16	.03	16	.03	off	
Units:		psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm

Initials	Date	Weather Conditions (estimated) Wind Dir.	Weather Conditions (estimated) Wind Speed	Temp in Ozone Panel	Monthly Sampling MW-1 ORP (mV)	Monthly Sampling MW-1 DO (ug/l)	Monthly Sampling MW-7 ORP (mV)	Monthly Sampling MW-7 DO (ug/l)	Time Out	System Status on Departure On/Off	Ozone Badge Color (White/Tan/ Brown)
BJS	~~10/28/05~~	O	O	LO	+154	7.13	+191	1.59	0655	ON	W

ENTERED
11-2-05

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1871
96 MacArthur Blvd
Oakland, California

Requested By: Amy Draffan
Lab: STL

Frequency	Item to Inspect or Maintain	Date Performed					
Monthly	Check integrity of all hoses, fittings, piping, and valves	10/23					
Monthly	Measure Blower Running Amperage	9.9					
Monthly	Inspect electrical fittings and tighten as needed	10/23					
Monthly	Check controller operation	10/23					
As-Needed	Adjust controller program	—					
Monthly	Gross particle filter-visually inspect	10/23					
As-Needed	Gross particle filter-replace as necessary	—					
Monthly	Check flow and pressure on assemblies (system and wells)	10/23					
Monthly	Take ozone readings at compound and well boxes	10/23					
Monthly	Check wellhead connections	10/23					
Monthly	Check/test all safety override systems	—					
As-Needed	Sparge blower-repair as necessary	—					
As-Needed	Sparge blower-replace as necessary	—					

NOTES AND DESCRIPTION OF ACTIVITIES ON SITE

Pressure Gauge Stuck on 16PSI

System still needs line replacement

System still needs Ozone leak detection / system shut off components.

SITE VISITATION REPORT

oject: Conoco Phillips Date: 11/11/05 Project No: 77CP60004051871

ıme of Technicians(s) Brian Schoenneman Rate Sch/Bill Code:

rival Time: 0941 Departure Time: 1231 Did you call in? (Yes) No

Who did you call? ETK Lawson

eather Notations: SUN (CLOUDY) RAIN SNOW Temperature: 60 F

Installed Ozone Sensor and Latching relay with reset button switch. Also replaced Lower Vent Fan and hour meter. Had problem with GFCI Plus Outlet. Replaced That Too.

When everything was installed and System was started, the Fuse lite on the Ozone Generator was illuminated. Removed Ozone generator Cover and replaced Fuse. The new Fuse blew also. Left System Off.

SITE VISITATION REPORT

roject: Conoco Phillips Date: 11/15/05 Project No: 771P60004041871

ame of Technicians(s) Brian Scheerhorn, Erik Lawson Rate Sch/Bill Code:

rrival Time: 0845 Departure Time: 1340 Did you call in? Yes No

Who did you call?

/eather Notations: (SUN) CLOUDY RAIN SNOW 1871 Temperature: 80 F

4.0 hours T&M Replaced all lines
Replaced Pressure Gauge in Panel
12:45 start O&M

hour meter - 0000.90 (Replaced on 11/11/05)

1	2	3	4	5
~~19~~ PSI 03	PSI 03	PSI 03	PSI 03	PSI 03
325 .03	16 .03	16 .03	22 .03	23 .03

6	7	8	9	10
PSI 03	PSI 03	PSI 03	PSI 03	PSI 03
18 .03	23 .03	23 .03	23 .03	24 .03

Compressor Amps 9.1

Field D. Sheet
Ozone Sparge System

ConocoPhi. Site # 1871
96 MacArthur Blvd
Oakland, California

Requested By: A. Graffan
Lab: STL

Initials	Date	Time In	System Status on Arrival On/Off	Electrical Meter Reading	Ozone Meter		Hourmeter	Ozone Readings			
					Brand	Range		Outside Compound (ppm)	Inside Compound (ppm)	Inside Shed/Panel (ppm)	Secondary Containment (ppm)
RJS	12/16/05	0802	ON	—	ENO	.101-.10	2.49	.03	.03	.03	.03

Initials	Date	Well Data																			
		OZ-1		OZ-2		OZ-3		OZ-4		OZ-5		OZ-6		OZ-7		OZ-8		OZ-9		OZ-10	
		Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3	Press	O_3
RJS	12/16/05	22	.03	20	.03	19	.03	24	.03	24	.03	22	.03	26	.03	23	.03	24	.03	25	.03
Units:		psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm

Initials	Date	Weather Conditions (estimated)		Temp in Ozone Panel	Monthly Sampling				Time Out	System Status on Departure On/Off	Ozone Badge Color (White/Tan/ Brown)
					MW-1		MW-7				
		Wind Dir.	Wind Speed		ORP (mV)	DO (ug/l)	ORP (mV)	DO (ug/l)			
RJS	12/16/05	0	0	45	NO SAMPLE				0700	ON	W

GFI Tripped had to reprogram the Rainbird
Start up went OK
No leaks Found
motor amps - 9.5

Suspect foam on outer door pressing against reset Button, Removed Foam from that area,
Tested Ozone leak sensing system, it worked good.

ATTACHMENT B
CERTIFIED LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Quarterly Remedial Performance Summary
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, CA
SECOR Project No.: 77CP.60004.04.1871

SEVERN TRENT STL

Submission#: 2005-10-0588

SECOR-Sacramento

November 09, 2005

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Attn.: Amy Draffan

Project#: 77CP.60004.01.1841
Project: Conoco Philips Site #1871
Site: 96 MacArthur Blvd., Oakland, CA

Attached is our report for your samples received on 10/28/2005 14:08
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/12/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission: 2005-10-0588

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	10/23/2005 06:20	Water	1
MW-7	10/23/2005 06:30	Water	2

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Prep(s): 5030B
Sample ID: **MW-1**
Sampled: 10/23/2005 06:20
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-10-0588 - 1
Extracted: 11/1/2005 13:41
QC Batch#: 2005/11/01-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	11/01/2005 13:41	
Benzene	ND	0.50	ug/L	1.00	11/01/2005 13:41	
Toluene	ND	0.50	ug/L	1.00	11/01/2005 13:41	
Ethylbenzene	ND	0.50	ug/L	1.00	11/01/2005 13:41	
Total xylenes	ND	1.0	ug/L	1.00	11/01/2005 13:41	
Methyl tert-butyl ether (MTBE)	0.56	0.50	ug/L	1.00	11/01/2005 13:41	
Surrogate(s)						
1,2-Dichloroethane-d4	105.2	73-130	%	1.00	11/01/2005 13:41	
Toluene-d8	107.7	81-114	%	1.00	11/01/2005 13:41	

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Prep(s): 5030B
Test(s): 8260B

Sample ID: **MW-7**
Lab ID: 2005-10-0588 - 2

Sampled: 10/23/2005 06:30
Extracted: 11/1/2005 14:02

Matrix: Water
QC Batch#: 2005/11/01-1A.64

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	250	ug/L	5.00	11/01/2005 14:02	
Benzene	ND	2.5	ug/L	5.00	11/01/2005 14:02	
Toluene	ND	2.5	ug/L	5.00	11/01/2005 14:02	
Ethylbenzene	ND	2.5	ug/L	5.00	11/01/2005 14:02	
Total xylenes	ND	5.0	ug/L	5.00	11/01/2005 14:02	
Methyl tert-butyl ether (MTBE)	680	2.5	ug/L	5.00	11/01/2005 14:02	
Surrogate(s)						
1,2-Dichloroethane-d4	107.5	73-130	%	5.00	11/01/2005 14:02	
Toluene-d8	109.1	81-114	%	5.00	11/01/2005 14:02	

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/11/01-1A.64-046

Water

Test(s): 8260B
QC Batch # 2005/11/01-1A.64
Date Extracted: 11/01/2005 08:46

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	11/01/2005 08:46	
Benzene	ND	0.5	ug/L	11/01/2005 08:46	
Toluene	ND	0.5	ug/L	11/01/2005 08:46	
Ethylbenzene	ND	0.5	ug/L	11/01/2005 08:46	
Total xylenes	ND	1.0	ug/L	11/01/2005 08:46	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/01/2005 08:46	
Surrogates(s)					
1,2-Dichloroethane-d4	99.4	73-130	%	11/01/2005 08:46	
Toluene-d8	104.6	81-114	%	11/01/2005 08:46	

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/11/01-1A.64**

LCS 2005/11/01-1A.64-004 Extracted: 11/01/2005 Analyzed: 11/01/2005 08:04
LCSD 2005/11/01-1A.64-025 Extracted: 11/01/2005 Analyzed: 11/01/2005 08:25

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.7	25.4	25	94.8	101.6	6.9	65-165	20		
Benzene	27.2	27.2	25	108.8	108.8	0.0	69-129	20		
Toluene	27.5	27.1	25	110.0	108.4	1.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	474	484	500	94.8	96.8		73-130			
Toluene-d8	546	532	500	109.2	106.4		81-114			

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/11/01-1A.64**

MS/MSD

Lab ID: 2005-10-0593 - 002

MS: 2005/11/01-1A.64-032 Extracted: 11/01/2005 Analyzed: 11/01/2005 10:32
Dilution: 5.00

MSD: 2005/11/01-1A.64-053 Extracted: 11/01/2005 Analyzed: 11/01/2005 10:53
Dilution: 5.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	710	784	596	125	91.2	150.4	49.0	65-165	20		R1
Benzene	136	150	ND	125	108.8	120.0	9.8	69-129	20		
Toluene	134	151	ND	125	107.2	120.8	11.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	536	562		500	107.2	112.4		73-130			
Toluene-d8	534	546		500	106.8	109.2		81-114			

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento
Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 10/28/2005 14:08

Site: 96 MacArthur Blvd., Oakland, CA

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

R1

Analyte RPD was out of QC limits.

98669

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

2005-10-0588

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dan Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 2505SEC700

ConocoPhillips Cost Object:

ENC: 2505

DATE: 10/27/05

PAGE: 1 of 1

SAMPLING COMPANY: SLOIS International, Inc.	PROJECT NO. or ID:	CONOCOPHILLIPS SITE NUMBER: 1841	GLOBAL ID NO.: T0607995982
ADDRESS: 3017 Kilgore Rd Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (STREET and CITY): 98 MacArthur Blvd, Oakland, California	CONOCOPHILLIPS SITE MANAGER: Ed Ralston
PROJECT CONTACT (Name, phone, e-mail): Amy Drattan			
TELEPHONE: (916) 861-0400 x 235	FAX: (916) 861-0430	E-MAIL: adrattan@sloisinc.com	
SAMPLER NAME(S) (Print): Brian Stevenson	CONSULTANT PROJECT NUMBER: ITOP 60804 01 1841	CONSULTANT NAME: Amy Drattan	PHONE NO.: (916) 861-0400 ext 235
		E-MAIL: adrattan@sloisinc.com	LAB USE ONLY

REQUESTED ANALYSES

*TURNAROUND TIME (CALENDAR DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ 4 HOURS ☐ 2 HOURS ☐ less than 24 hours

SPECIAL INSTRUCTIONS OR NOTES: (Check box if FAX'd results are needed ☐)

* Field Point name only required if different from Sample ID.

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	8015m - TPH as Gasoline	8260B - TPH as MTBE & BTEX & Oxygenates	8260B - TPHg / BTEX / Oxygenates	8260B - TPHg / BTEX / Oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / M021B - TPH as DIESEL AND MOTOR OIL	Lead (Total) (STLC) TTLC	RFLD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	10/26/05	0820	Water	3		X							TEMPERATURE ON RECEIPT: 2
	MW-7	10/26/05	0850	Water	3		X							

RELINQUISHED BY (SIGNATURE): Brian Stevenson	RECEIVED BY (SIGNATURE): Dixie Mullen	DATE: 10-28-05	TIME: 1408
RELINQUISHED BY (SIGNATURE):	RECEIVED BY (SIGNATURE):	DATE:	TIME:

SHIPMENT METHOD: