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Alameda County
Environmental Health



76 Broadway
Sacramento, California 95818

April 29, 2007

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

Re: **Quarterly Report Transmittal**
First Quarter – 2007
76 Service Station #0752
800 Harrison Street
Oakland, Alameda County, CA

Dear Ms. Drogos:

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

If you have any questions or need additional information, please call me at (916) 558-7604.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric G. Hetrick". The signature is stylized and written in cursive.

Eric G. Hetrick
Site Manager
Risk Management & Remediation



1590 Solano Way
#A
Concord, CA 94520

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www.TRCSolutions.com

April 29, 2007

TRC Project No. 42016216

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

**RE: Quarterly Status Report – First Quarter 2007
76 Service Station #0752, 800 Harrison Street, Oakland, California
Alameda County**

Dear Ms. Drogos:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2007 Status Report for the subject site. The subject site is a 76 service station located northeast and across 8th Street from a Shell service station that is located adjacent to and northeast of a currently closed Arco service station. In addition, a gasoline and diesel service station referred to as "Mandarin Auto Service" is located east-southeast of the site.

PREVIOUS ASSESSMENTS

November 1990: Kaprealian Engineering, Inc's. (KEI) initial fieldwork was conducted when two underground gasoline storage tanks (USTs) and a waste oil tank were removed from the site. The tanks were made of steel, and no apparent holes or cracks were observed in the fuel tanks; however, a 1/8 inch square hole was observed in the waste oil tank. KEI collected an additional soil sample from the fuel tank pit at a depth of approximately 19 feet below ground surface (bgs).

December 1990: KEI returned to the site to collect soil samples from beneath the pump islands. KEI returned to the site in order to collect a sample from the pump island excavation.

January 1991: At the request of the Alameda County Health Care Services (ACHCS), KEI returned to the site in order to collect one additional soil sample from the waste oil tank pit. After sampling, the waste oil tank pit was excavated to the sample depth of 9.5 feet bgs.

May 1991: Three monitoring wells and two exploratory borings were installed at the site. The monitoring wells were drilled and completed to total depths ranging from 33 to 35 feet bgs. The exploratory borings were each drilled to total depths of 23 feet bgs.

Groundwater was encountered at depths ranging from about 22.5 to 24 feet bgs during drilling. Based on the analytical results, a monthly groundwater monitoring and quarterly groundwater-sampling program was implemented.

September-October 1992: Three additional monitoring wells were installed to further delineate the extent of groundwater contamination. These wells were drilled to total depths ranging from 32 to 33 feet bgs. Groundwater was encountered at depths ranging from 21.5 to 23 feet bgs.

April 1993: Two additional monitoring wells were installed in the vicinity of the site. These monitoring wells were drilled to a total depth of 31 to 33 feet bgs. Groundwater was encountered at depths of 21 to 21.5 feet bgs. Based on the analytical results of all of the soil samples collected, KEI concluded that the horizontal extent of the soil contamination at the site had been defined, and that the contamination was limited to the areas beneath the fuel tanks and the southernmost pump island. Based on the groundwater monitoring data collected and evaluated through April of 1993, the groundwater flow direction had been consistently to the southwest or south-southwest. In addition, no free product or sheen had been detected in any well through April of 1993. KEI recommended quarterly monitoring frequency.

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

February 5-7, 2007: TRC conducted a soil and groundwater investigation, which involved the advancement of two onsite and four offsite deep exploratory borings using a Cone Penetration Testing (CPT) rig in order to evaluate the presence of deeper water bearing zones and to determine the lateral distribution of dissolved-phase hydrocarbons in the shallow water-bearing zone.

SENSITIVE RECEPTORS

Lake Merritt and the Oakland Estuary are located approximately 0.5 miles from the site. A sensitive receptor survey has not been performed for this site.

MONITORING AND SAMPLING

Currently, four offsite and four onsite wells are monitored and sampled semi-annually. All eight wells were gauged and sampled this quarter. The groundwater flow direction is toward the southwest at a calculated hydraulic gradient of 0.008 feet per foot. This is consistent with historical trends. A graph of historical groundwater flow directions is included in this report.

CHARACTERIZATION STATUS

Total petroleum hydrocarbons as gasoline (TPH-g) were detected in seven of the eight wells sampled at a maximum concentration of 8,700 micrograms per liter ($\mu\text{g}/\text{l}$) in monitoring well MW-3. Benzene was detected in four of the eight wells sampled at a maximum concentration of 180 $\mu\text{g}/\text{l}$ in well MW-3. MTBE was detected in all eight wells sampled at a maximum concentration of 8,900 $\mu\text{g}/\text{l}$ in monitoring well MW-3.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.



RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

February 5-7, 2007: TRC conducted a soil and groundwater investigation, which involved the advancement of two onsite and four off-site deep exploratory borings using a Cone Penetration Testing (CPT) rig in order to evaluate the presence of deeper water bearing zones and to determine the lateral distribution of dissolved-phase hydrocarbons in the shallow water-bearing zone. TRC is currently evaluating the data and will present our recommendations for any additional work in a subsequent correspondence.

March 27, 2007: 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.

CONCLUSIONS AND RECOMMENDATIONS

TRC implemented the initial phase of the field investigation (CPT hydropunch borings) outlined in the March 13, 2006 Additional Soil and Groundwater Investigation Work Plan and will present our recommendations for additional well installations to the ACHCS for approval prior to scheduling that work. Upon completion of the scope of work outlined in the March 13, 2006 work plan, TRC will evaluate various remedial alternatives and submit a work plan for remediation feasibility testing.

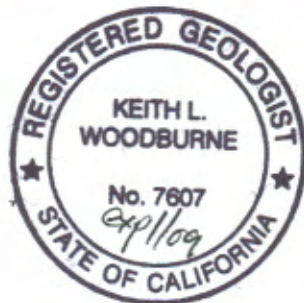
TRC recommends continuing semi-annual monitoring and sampling, using current purging and sampling methods, to assess plume stability and concentration trends at key wells. In addition, TRC will complete an updates sensitive receptor survey for the site.

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

Sincerely,



Keith Woodburne, P.G.
Senior Project Manager



Attachments:

Semi-Annual Monitoring Report, October 2006 through March 2007 (TRC, April 13, 2007)
Historical Groundwater Flow Directions – January 1994 through March 2007

cc: Eric Hetrick, ConocoPhillips (electronic upload only)



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Irvine, CA 92618

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DATE: April 13, 2007

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. ERIC HETRICK

SITE: 76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2006 THROUGH MARCH 2007

Dear Mr. Hetrick:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 0752, located at 800 Harrison Street, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

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

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/0752R09.QMS

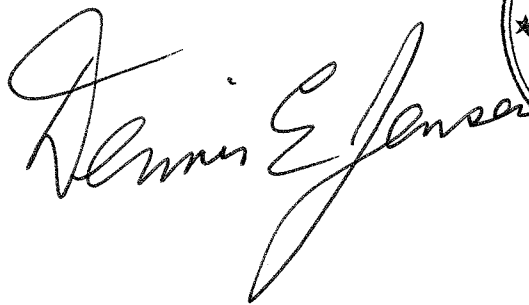
**SEMI-ANNUAL MONITORING REPORT
OCTOBER 2006 THROUGH MARCH 2007**

76 STATION 0752
800 Harrison Street
Oakland, California

Prepared For:

Mr. Eric Hetrick
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
April 13, 2007



LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 03/27/07 Groundwater Sampling Field Notes – 03/27/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statement	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities
October 2006 through March 2007
76 Station 0752
800 Harrison Street
Oakland, CA**

Project Coordinator: **Eric Hetrick**
Telephone: **916-558-7604**

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

Date(s) of Gauging/Sampling Event: **03/27/07**

Sample Points

Groundwater wells: **4** onsite, **4** offsite

Wells gauged: **8** Wells sampled: **8**

Purging method: **Bailer/diaphragm pump**

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: **16.73 feet** Maximum: **18.84 feet**

Average groundwater elevation (relative to available local datum): **15.52 feet**

Average change in groundwater elevation since previous event: **-0.28 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.008 ft/ft, southwest**

Previous event: **0.008 ft/ft, southwest (09/27/06)**

Selected Laboratory Results

Wells with detected **Benzene**: **4**

Wells above MCL (1.0 µg/l): **4**

Maximum reported benzene concentration: **180 µg/l (MW-3)**

Wells with **TPH-G by GC/MS** **7**

Maximum: **8,700 µg/l (MW-3)**

Wells with **MTBE 8260B** **8**

Maximum: **8,900 µg/l (MW-3)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 0752 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2

Site: 76 Station 0752

Current Event

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

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments		
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Chloroform	Tetrachloro- ethene (PCE)	Trichloro- ethene (TCE)	Cadmium (dissolved)	Calcium	Chromium (total)
Table 2b	Well/ Date	Iron (total)	Lead (total)	Manganese (dissolved)	Nickel	Zinc (dissolved)	Nitrate	Sulfate	Alkalinity (bicarb.)	BOD	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen				

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 27, 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1	(Screen Interval in feet: 13.5-33.5)													
03/27/07	34.69	18.84	0.00	15.85	-0.39	--	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	99	
MW-2	(Screen Interval in feet: 15-33)													
03/27/07	34.72	18.57	0.00	16.15	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
MW-3	(Screen Interval in feet: 15-33)													
03/27/07	33.14	17.55	0.00	15.59	-0.15	--	8700	180	ND<12	60	57	--	8900	
MW-4	(Screen Interval in feet: 15-33)													
03/27/07	32.71	17.15	0.00	15.56	-0.24	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	1700	
MW-5	(Screen Interval in feet: 15-32)													
03/27/07	32.95	17.43	0.00	15.52	-0.37	--	960	15	7.8	2.2	11	--	14	
MW-6	(Screen Interval in feet: 15-32)													
03/27/07	32.16	16.73	0.00	15.43	-0.17	--	1600	2.8	ND<2.5	ND<2.5	ND<2.5	--	1800	
MW-7	(Screen Interval in feet: 13-33)													
03/27/07	32.20	17.30	0.00	14.90	-0.34	--	920	66	2.9	3.4	4.5	--	970	
MW-8	(Screen Interval in feet: 11-29)													
03/27/07	32.00	16.87	0.00	15.13	-0.12	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3600	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Ethanol (8260B)
	(µg/l)
<hr/>	
MW-1	
03/27/07	ND<250
MW-2	
03/27/07	ND<250
MW-3	
03/27/07	ND<6200
MW-4	
03/27/07	ND<1200
MW-5	
03/27/07	ND<250
MW-6	
03/27/07	ND<1200
MW-7	
03/27/07	ND<500
MW-8	
03/27/07	ND<250

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 (Screen Interval in feet: 13.5-33.5)														
06/05/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/02/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/30/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/15/92	34.94	--	--	--	--	76	--	1.0	ND	ND	ND	--	--	
12/21/92	34.94	21.17	0.00	13.77	--	95	--	0.69	ND	ND	1.0	--	--	
04/28/93	34.94	--	--	--	--	920	--	3.1	2.3	1.2	9.7	--	--	
07/23/93	34.94	20.13	0.00	14.81	--	ND	--	0.5	0.66	ND	ND	--	--	
10/05/93	34.69	20.30	0.00	14.39	-0.42	92	--	1.5	ND	ND	0.72	--	--	
01/03/94	34.69	20.52	0.00	14.17	-0.22	ND	--	ND	ND	ND	ND	--	--	
04/02/94	34.69	20.16	0.00	14.53	0.36	ND	--	ND	ND	ND	ND	--	--	
07/05/94	34.69	19.27	0.00	15.42	0.89	250	--	4.8	13	1.2	7.3	--	--	
10/06/94	34.69	20.87	0.00	13.82	-1.60	540	--	1.4	ND	0.66	11	--	--	
01/02/95	34.69	19.67	0.00	15.02	1.20	140	--	ND	ND	ND	ND	--	--	
04/03/95	34.69	17.61	0.00	17.08	2.06	580	--	3.6	0.8	ND	4.0	--	--	
07/14/95	34.69	18.58	0.00	16.11	-0.97	260	--	2.1	ND	ND	1.2	--	--	
10/10/95	34.69	19.60	0.00	15.09	-1.02	220	--	2.0	ND	25	5.6	29	--	
01/03/96	34.69	19.69	0.00	15.00	-0.09	190	--	2.4	ND	0.71	1.2	--	--	
04/10/96	34.69	17.65	0.00	17.04	2.04	540	--	8.9	1.7	1.5	7.4	50	--	
07/09/96	34.69	18.52	0.00	16.17	-0.87	490	--	3.0	1.4	1.3	2.5	150	--	
01/24/97	34.69	17.72	0.00	16.97	0.80	760	--	27	0.89	5.2	10	510	--	
07/23/97	34.69	19.42	0.00	15.27	-1.70	ND	--	ND	ND	ND	ND	550	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued														
01/26/98	34.69	17.46	0.00	17.23	1.96	1800	--	ND	ND	ND	ND	4800	--	
07/03/98	34.69	18.61	0.00	16.08	-1.15	ND	--	ND	ND	ND	ND	1800	--	
01/14/99	34.69	18.92	0.00	15.77	-0.31	83	--	ND	ND	ND	ND	230	--	
07/15/99	34.69	17.84	0.00	16.85	1.08	110	--	ND	ND	ND	1.0	290	--	
01/07/00	34.69	19.13	0.00	15.56	-1.29	ND	--	ND	ND	ND	ND	260	--	
07/19/00	34.69	20.27	0.00	14.42	-1.14	ND	--	ND	ND	ND	ND	648	--	
01/02/01	34.69	20.04	0.00	14.65	0.23	ND	--	ND	ND	ND	ND	119	--	
05/23/01	34.69	18.27	0.00	16.42	1.77	84	--	ND	ND	ND	ND	760	--	
07/30/01	34.69	18.56	0.00	16.13	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	350	--	
10/15/01	34.69	18.72	0.00	15.97	-0.16	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
01/14/02	34.69	16.78	0.00	17.91	1.94	450	--	ND<2.5	ND<2.5	ND<2.5	3.3	4100	--	
04/15/02	34.69	17.35	0.00	17.34	-0.57	ND<1000	--	ND<10	ND<10	ND<10	ND<10	10000	--	
07/15/02	34.69	17.63	0.00	17.06	-0.28	2100	--	ND<10	ND<10	ND<10	ND<20	--	2100	
01/18/03	34.69	17.04	0.00	17.65	0.59	ND<25000	--	ND<250	ND<250	ND<250	ND<500	--	29000	
07/11/03	34.69	17.91	0.00	16.78	-0.87	4000	--	ND<25	ND<25	ND<25	ND<50	--	6300	
02/04/04	34.69	17.98	0.00	16.71	-0.07	--	8000	ND<50	ND<50	ND<50	ND<100	--	8500	
08/11/04	34.69	17.84	0.00	16.85	0.14	--	1100	ND<10	ND<10	ND<10	ND<20	--	1500	
03/31/05	34.69	15.71	0.00	18.98	2.13	--	ND<2000	ND<0.50	ND<0.50	0.54	2.2	--	4900	
09/30/05	34.69	17.65	0.00	17.04	-1.94	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
03/27/06	34.69	15.03	0.00	19.66	2.62	--	760	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1000	
09/27/06	34.69	18.45	0.00	16.24	-3.42	--	170	ND<0.50	ND<0.50	ND<0.50	0.61	--	73	
03/27/07	34.69	18.84	0.00	15.85	-0.39	--	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	99	
MW-2 (Screen Interval in feet: 15-33)														
06/05/91	34.97	--	--	--	--	49	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
09/30/91	34.97	--	--	--	--	130	--	18	0.53	14	9.6	--	--	
12/30/91	34.97	--	--	--	--	91	--	16	0.89	11	1.9	--	--	
04/02/92	34.97	--	--	--	--	88	--	12	0.32	6.3	7.2	--	--	
06/30/92	34.97	--	--	--	--	76	--	9.3	0.76	4.8	6.9	--	--	
09/15/92	34.97	--	--	--	--	1300	--	91	5.7	80	110	--	--	
12/21/92	34.97	20.85	0.00	14.12	--	960	--	97	3.2	74	96	--	--	
04/28/93	34.97	--	--	--	--	1300	--	76	1.9	130	87	--	--	
07/23/93	34.97	19.81	0.00	15.16	--	66	--	1.8	ND	2.5	2.0	--	--	
10/05/93	34.72	19.95	0.00	14.77	-0.39	120	--	12	ND	2.1	12	--	--	
01/03/94	34.72	20.21	0.00	14.51	-0.26	260	--	25	ND	5.5	26	--	--	
04/02/94	34.72	19.88	0.00	14.84	0.33	ND	--	0.65	ND	ND	0.99	--	--	
07/05/94	34.72	19.07	0.00	15.65	0.81	160	--	16	ND	0.73	10	--	--	
10/06/94	34.72	20.55	0.00	14.17	-1.48	170	--	15	ND	1.4	11	--	--	
01/02/95	34.72	19.25	0.00	15.47	1.30	190	--	27	ND	0.95	11	--	--	
04/03/95	34.72	17.49	0.00	17.23	1.76	2400	--	65	6.6	19	63	--	--	
07/14/95	34.72	18.30	0.00	16.42	-0.81	750	--	270	ND	ND	13	--	--	
10/10/95	34.72	19.25	0.00	15.47	-0.95	50	--	1.6	ND	ND	ND	200	--	
01/03/96	34.72	19.40	0.00	15.32	-0.15	ND	--	ND	ND	ND	ND	--	--	
04/10/96	34.72	17.35	0.00	17.37	2.05	300	--	42	ND	2.4	9	620	--	
07/09/96	34.72	18.22	0.00	16.50	-0.87	760	--	230	ND	1.3	2.4	1500	--	
01/24/97	34.72	17.59	0.00	17.13	0.63	2900	--	400	350	190	720	1300	--	
07/23/97	34.72	19.13	0.00	15.59	-1.54	ND	--	ND	ND	ND	ND	65	--	
01/26/98	34.72	17.12	0.00	17.60	2.01	ND	--	ND	ND	ND	0.58	13	--	
07/03/98	34.72	18.20	0.00	16.52	-1.08	140	--	26	ND	0.95	5.0	330	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
01/14/99	34.72	18.56	0.00	16.16	-0.36	ND	--	0.54	ND	ND	ND	350	--	
07/15/99	34.72	17.39	0.00	17.33	1.17	ND	--	0.88	ND	ND	ND	39	--	
01/07/00	34.72	18.78	0.00	15.94	-1.39	ND	--	ND	ND	ND	ND	24	--	
07/19/00	34.72	19.68	0.00	15.04	-0.90	ND	--	1.45	ND	ND	ND	117	--	
01/02/01	34.72	19.73	0.00	14.99	-0.05	ND	--	ND	ND	ND	ND	11.4	--	
05/23/01	34.72	18.16	0.00	16.56	1.57	ND	--	ND	ND	ND	ND	33	--	
07/30/01	34.72	18.34	0.00	16.38	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	67	--	
10/15/01	34.72	18.52	0.00	16.20	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	--	
01/14/02	34.72	16.72	0.00	18.00	1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.56	11	--	
04/15/02	34.72	17.26	0.00	17.46	-0.54	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
07/15/02	34.72	17.46	0.00	17.26	-0.20	270	--	21	ND<0.50	3.8	4.0	--	73	
01/18/03	34.72	16.93	0.00	17.79	0.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
07/11/03	34.72	17.68	0.00	17.04	-0.75	130	--	3.0	ND<0.50	ND<0.50	ND<1.0	--	89	
02/04/04	34.72	17.36	0.00	17.36	0.32	--	61	2.9	ND<0.50	ND<0.50	ND<1.0	--	22	
08/11/04	34.72	17.61	0.00	17.11	-0.25	--	140	ND<0.50	0.60	ND<0.50	ND<1.0	--	94	
03/31/05	34.72	15.56	0.00	19.16	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
09/30/05	34.72	17.31	0.00	17.41	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	
03/27/06	34.72	14.91	0.00	19.81	2.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
09/27/06	34.72	18.15	0.00	16.57	-3.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7.7	
03/27/07	34.72	18.57	0.00	16.15	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
MW-3 (Screen Interval in feet: 15-33)														
06/05/91	33.39	--	--	--	--	5800	--	1200	40	140	97	--	--	
09/30/91	33.39	--	--	--	--	6800	--	1400	130	290	240	--	--	
12/30/91	33.39	--	--	--	--	7200	--	2100	690	410	550	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
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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 (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
04/02/92	33.39	--	--	--	--	8000	--	1400	200	300	310	--	--	
06/30/92	33.39	--	--	--	--	8900	--	1900	210	430	550	--	--	
09/15/92	33.39	--	--	--	--	10000	--	1900	330	400	580	--	--	
12/21/92	33.39	20.02	0.00	13.37	--	8500	--	1500	150	310	330	--	--	
04/28/93	33.39	--	--	--	--	2600	--	220	7.6	41	27	--	--	
07/23/93	33.39	19.00	0.00	14.39	--	4400	--	660	26	160	82	--	--	
10/05/93	33.14	19.20	0.00	13.94	-0.45	9200	--	720	88	140	140	--	--	
01/03/94	33.14	19.40	0.00	13.74	-0.20	4900	--	830	100	170	150	--	--	
04/02/94	33.14	19.01	0.00	14.13	0.39	6000	--	800	30	140	110	--	--	
07/05/94	33.14	18.14	0.00	15.00	0.87	25000	--	ND	ND	ND	ND	--	--	
10/06/94	33.14	19.73	0.00	13.41	-1.59	49000	--	1300	200	280	300	--	--	
01/02/95	33.14	18.36	0.00	14.78	1.37	480	--	1.6	ND	1.4	ND	--	--	
04/03/95	33.14	16.38	0.00	16.76	1.98	8100	--	65	ND	ND	ND	--	--	
07/14/95	33.14	17.49	0.00	15.65	-1.11	ND	--	1300	ND	ND	ND	--	--	
10/10/95	33.14	18.50	0.00	14.64	-1.01	3100	--	1400	36	50	53	190000	--	
01/03/96	33.14	18.54	0.00	14.60	-0.04	ND	--	2300	110	150	140	--	--	
07/09/96	33.14	17.43	0.00	15.71	1.11	ND	--	2000	ND	150	160	140000	--	
01/24/97	33.14	16.57	0.00	16.57	0.86	540	--	8.0	ND	11	9.9	45	--	
07/23/97	33.14	18.38	0.00	14.76	-1.81	7400	--	1900	180	140	340	45000	--	
01/26/98	33.14	16.22	0.00	16.92	2.16	250	--	2.2	1.9	0.87	1.9	4.0	--	
07/03/98	33.14	17.46	--	15.68	-1.24	230	--	1.8	2.5	1.5	3.4	6.3	--	
01/14/99	33.14	17.73	--	15.41	-0.27	400	--	8.2	2.7	0.90	5.9	140	--	
07/15/99	33.14	16.58	--	16.56	1.15	290	--	3.3	3.6	1.7	2.5	13	--	
01/07/00	33.14	17.84	--	15.30	-1.26	ND	--	890	91	100	480	20000	--	

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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-3 continued														
07/19/00	33.14	18.92	--	14.22	-1.08	354	--	3.87	2.61	0.646	ND	13.7	--	
01/02/01	33.14	19.07	--	14.07	-0.15	464	--	ND	3.69	3.91	ND	21.1	--	
05/23/01	33.14	17.12	--	16.02	1.95	420	--	7.6	3.1	3.0	5.1	1900	--	
07/30/01	33.14	17.38	--	15.76	-0.26	290	--	4.6	4.1	ND<0.50	3.4	23	--	
10/15/01	33.14	17.61	--	15.53	-0.23	400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
01/14/02	33.14	15.53	--	17.61	2.08	130	--	0.50	0.61	1.1	ND<0.50	9.9	--	
04/15/02	33.14	16.12	--	17.02	-0.59	280	--	9.9	1.6	3.3	6.8	1400	--	
07/15/02	33.14	16.48	--	16.66	-0.36	64	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	33	--	
01/18/03	33.14	15.81	--	17.33	0.67	420	--	0.54	ND<0.50	ND<0.50	ND<1.0	130	--	
07/11/03	33.14	16.74	--	16.40	-0.93	--	300	2.3	ND<0.50	ND<0.50	ND<1.0	--	31	
02/04/04	33.14	16.15	0.00	16.99	0.59	--	130	7.9	ND<0.50	ND<0.50	ND<1.0	--	63	
08/11/04	33.14	16.64	0.00	16.50	-0.49	--	ND<20000	ND<200	ND<200	ND<200	ND<400	--	20000	
03/31/05	33.14	14.53	0.00	18.61	2.11	--	ND<20000	330	ND<200	ND<200	ND<400	--	78000	
09/30/05	33.14	16.55	0.00	16.59	-2.02	--	12000	360	40	ND<25	50	--	20000	
03/27/06	33.14	13.66	0.00	19.48	2.89	--	10000	150	ND<25	53	99	--	15000	
09/27/06	33.14	17.40	0.00	15.74	-3.74	--	ND<12000	ND<120	ND<120	ND<120	ND<120	--	12000	
03/27/07	33.14	17.55	0.00	15.59	-0.15	--	8700	180	ND<12	60	57	--	8900	
MW-4 (Screen Interval in feet: 15-33)														
10/19/92	--	--	--	--	--	480	--	0.51	2.1	2.8	6.8	--	--	
12/21/92	33.12	19.73	--	13.39	--	220	--	ND	ND	0.97	0.74	--	--	
04/28/93	33.12	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/23/93	33.12	18.72	--	14.40	--	85	--	ND	ND	ND	ND	--	--	
10/05/93	32.71	18.74	--	13.97	-0.43	130	--	ND	ND	ND	ND	--	--	
01/03/94	32.71	18.93	--	13.78	-0.19	210	--	ND	ND	0.76	1.6	--	--	

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June 1991 Through March 2007
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4 continued														
04/02/94	32.71	18.53	--	14.18	0.40	89	--	ND	ND	ND	ND	--	--	
07/05/94	32.71	17.67	--	15.04	0.86	190	--	ND	ND	ND	ND	--	--	
10/06/94	32.71	19.25	--	13.46	-1.58	170	--	0.85	ND	ND	0.74	--	--	
01/02/95	32.71	17.75	--	14.96	1.50	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.71	15.87	--	16.84	1.88	98	--	ND	ND	ND	ND	--	--	
07/14/95	32.71	17.01	--	15.70	-1.14	ND	--	ND	ND	ND	ND	--	--	
10/10/95	32.71	18.03	--	14.68	-1.02	ND	--	ND	ND	ND	ND	120	--	
01/03/96	32.71	18.05	--	14.66	-0.02	ND	--	ND	ND	ND	ND	--	--	
04/10/96	32.71	16.00	--	16.71	2.05	ND	--	ND	ND	ND	ND	240	--	
07/09/96	32.71	16.96	--	15.75	-0.96	ND	--	ND	ND	ND	ND	480	--	
01/24/97	32.71	16.04	0.00	16.67	0.92	ND	--	ND	ND	ND	ND	270	--	
07/23/97	32.71	17.87	0.00	14.84	-1.83	ND	--	ND	ND	ND	ND	460	--	
01/26/98	32.71	16.05	--	16.66	1.82	ND	--	ND	ND	ND	ND	17	--	
07/03/98	32.71	16.95	--	15.76	-0.90	ND	--	ND	ND	ND	ND	3.8	--	
01/14/99	32.71	17.34	--	15.37	-0.39	ND	--	ND	ND	ND	ND	4600	--	
07/15/99	32.71	16.36	--	16.35	0.98	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.71	17.81	--	14.90	-1.45	ND	--	ND	ND	ND	ND	450	--	
07/19/00	32.71	18.94	--	13.77	-1.13	ND	--	ND	ND	ND	ND	ND	--	
01/02/01	32.71	18.85	--	13.86	0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.71	16.82	--	15.89	2.03	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.71	16.88	--	15.83	-0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.9	--	
10/15/01	32.71	17.08	--	15.63	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.71	14.97	--	17.74	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	--	
04/15/02	32.71	15.48	--	17.23	-0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	180	--	

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June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
07/15/02	32.71	15.90	--	16.81	-0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	50	--	
01/18/03	32.71	15.39	--	17.32	0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.71	16.17	--	16.54	-0.78	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	
02/04/04	32.71	16.12	0.00	16.59	0.05	--	1300	ND<10	ND<10	ND<10	ND<20	--	1700	
08/11/04	32.71	16.16	0.00	16.55	-0.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	6400	
03/31/05	32.71	14.15	0.00	18.56	2.01	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
09/30/05	32.71	16.91	0.00	15.80	-2.76	--	900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3800	
03/27/06	32.71	13.94	0.00	18.77	2.97	--	870	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2000	
09/27/06	32.71	16.91	0.00	15.80	-2.97	--	ND<1000	ND<10	ND<10	ND<10	ND<10	--	1600	
03/27/07	32.71	17.15	0.00	15.56	-0.24	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	1700	
MW-5 (Screen Interval in feet: 15-32)														
10/19/92	--	--	--	--	--	2700	--	61	5.0	100	61	--	--	
12/21/92	33.25	19.75	--	13.50	--	1700	--	51	4.7	83	34	--	--	
04/28/93	33.25	--	--	--	--	6700	--	200	190	250	430	--	--	
07/23/93	33.25	18.74	--	14.51	--	2000	--	122	8.0	68	47	--	--	
10/05/93	32.95	18.83	--	14.12	-0.39	1700	--	70	6.2	54	40	--	--	
01/03/94	32.95	19.05	--	13.90	-0.22	1500	--	44	ND	42	46	--	--	
04/02/94	32.95	18.68	--	14.27	0.37	1800	--	46	5.1	38	35	--	--	
07/05/94	32.95	17.90	--	15.05	0.78	2200	--	97	8.4	37	36	--	--	
10/06/94	32.95	19.37	--	13.58	-1.47	1600	--	79	5.7	28	22	--	--	
01/02/95	32.95	17.92	--	15.03	1.45	1700	--	50	8.6	30	28	--	--	
04/03/95	32.95	16.15	--	16.80	1.77	5400	--	190	240	170	420	--	--	
07/14/95	32.95	17.18	--	15.77	-1.03	3800	--	210	100	130	190	--	--	
10/10/95	32.95	18.15	--	14.80	-0.97	1300	--	92	14	15	39	1100	--	

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June 1991 Through March 2007
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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 (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
01/03/96	32.95	18.20	--	14.75	-0.05	630	--	53	4.4	8.3	13	--	--	
04/10/96	32.95	16.05	--	16.90	2.15	500	--	25	18	7.0	20	640	--	
07/09/96	32.95	17.11	--	15.84	-1.06	1000	--	44	20	10	34	150	--	
01/24/97	32.95	16.36	0.00	16.59	0.75	4000	--	190	400	160	430	600	--	
07/23/97	32.95	18.08	0.00	14.87	-1.72	1700	--	200	23	18	45	2500	--	
01/26/98	32.95	16.27	--	16.68	1.81	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.95	17.27	--	15.68	-1.00	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.95	17.55	--	15.40	-0.28	330	--	61	4.1	2.2	2.9	560	--	
07/15/99	32.95	16.41	--	16.54	1.14	1100	--	170	ND	ND	27	660	--	
01/07/00	32.95	17.85	--	15.10	-1.44	1000	--	180	6.3	ND	14	430	--	
07/19/00	32.95	18.87	--	14.08	-1.02	2980	--	289	57.3	65.3	43.4	976	--	
01/02/01	32.95	18.47	--	14.48	0.40	1150	--	87.2	17.8	7.97	9.32	368	--	
05/23/01	32.95	17.38	--	15.57	1.09	840	--	42	10	13	7.1	130	--	
07/30/01	32.95	17.12	--	15.83	0.26	1900	--	82	24	6.9	13	370	--	
10/15/01	32.95	17.33	--	15.62	-0.21	26000	--	390	230	58	1300	ND<500	--	
01/14/02	32.95	15.33	--	17.62	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.95	15.89	--	17.06	-0.56	310	--	20	6.7	11	7.7	77	--	
07/15/02	32.95	16.21	--	16.74	-0.32	1500	--	40	22	60	28	170	--	
01/18/03	32.95	15.68	--	17.27	0.53	ND<50	--	0.75	ND<0.50	ND<0.50	ND<1.0	81	--	
07/11/03	32.95	16.29	--	16.66	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
02/04/04	32.95	16.08	0.00	16.87	0.21	--	82	16	1.6	0.65	ND<1.0	--	16	
08/11/04	32.95	16.38	0.00	16.57	-0.30	--	900	81	14	2.8	11	--	120	
03/31/05	32.95	14.30	0.00	18.65	2.08	--	5000	160	84	65	72	--	140	
09/30/05	32.95	16.19	0.00	16.76	-1.89	--	1200	26	5.8	2.4	9.2	--	38	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-5 continued														
03/27/06	32.95	13.90	0.00	19.05	2.29	--	1100	13	12	4.7	16	--	8.8	
09/27/06	32.95	17.06	0.00	15.89	-3.16	--	1300	20	11	2.3	15	--	21	
03/27/07	32.95	17.43	0.00	15.52	-0.37	--	960	15	7.8	2.2	11	--	14	
MW-6 (Screen Interval in feet: 15-32)														
10/19/92	--	--	--	--	--	3900	--	420	12	60	28	--	--	
12/21/92	32.42	19.17	--	13.25	--	2300	--	370	11	39	15	--	--	
04/28/93	32.42	--	--	--	--	1200	--	54	1.5	11	5.3	--	--	
07/23/93	32.42	18.17	--	14.25	--	580	--	19	0.99	3.4	2.7	--	--	
10/05/93	32.16	18.35	--	13.81	-0.44	1400	--	34	ND	5.3	7.3	--	--	
01/03/94	32.16	18.54	--	13.62	-0.19	1400	--	57	ND	8.5	11	--	--	
04/02/94	32.16	18.15	--	14.01	0.39	5300	--	ND	ND	ND	ND	--	--	
07/05/94	32.16	17.25	--	14.91	0.90	ND	--	ND	ND	ND	ND	--	--	
10/06/94	32.16	18.85	--	13.31	-1.60	11000	--	ND	ND	ND	ND	--	--	
01/02/95	32.16	17.51	--	14.65	1.34	550	--	18	0.92	2.0	1.8	--	--	
04/03/95	32.16	15.48	--	16.68	2.03	6600	--	ND	ND	ND	ND	--	--	
07/14/95	32.16	16.63	--	15.53	-1.15	ND	--	ND	ND	ND	ND	--	--	
10/10/95	32.16	17.68	--	14.48	-1.05	ND	--	81	ND	ND	ND	75000	--	
01/03/96	32.16	17.66	--	14.50	0.02	70	--	9.9	0.58	ND	0.81	--	--	
04/10/96	32.16	15.56	--	16.60	2.10	300	--	258	4.7	0.94	2.7	53000	--	
07/09/96	32.16	16.59	--	15.57	-1.03	1800	--	410	ND	12	ND	76000	--	
01/24/97	32.16	15.69	0.00	16.47	0.90	ND	--	0.80	ND	ND	ND	390	--	
07/23/97	32.16	17.53	0.00	14.63	-1.84	5700	--	1100	240	240	700	16000	--	
01/26/98	32.16	15.44	--	16.72	2.09	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.16	16.58	--	15.58	-1.14	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
01/14/99	32.16	17.02	--	15.14	-0.44	ND	--	ND	ND	ND	ND	14	--	
07/15/99	32.16	15.95	--	16.21	1.07	ND	--	ND	ND	ND	ND	2.8	--	
01/07/00	32.16	16.96	--	15.20	-1.01	78	--	24	ND	0.66	17	280	--	
07/19/00	32.16	18.04	--	14.12	-1.08	ND	--	ND	1.32	ND	0.974	ND	--	
01/02/01	32.16	18.10	--	14.06	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.16	16.42	--	15.74	1.68	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.16	16.49	--	15.67	-0.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/01	32.16	16.67	--	15.49	-0.18	ND<50	--	ND<0.50	0.62	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.16	14.60	--	17.56	2.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.16	15.07	--	17.09	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.73	ND<5.0	--	
07/15/02	32.16	15.56	--	16.60	-0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
01/18/03	32.16	15.80	--	16.36	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.16	15.74	--	16.42	0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/04/04	32.16	15.49	0.00	16.67	0.25	--	ND<50	2.6	ND<0.50	ND<0.50	ND<1.0	--	2.4	
08/11/04	32.16	15.81	0.00	16.35	-0.32	--	7900	95	ND<50	ND<50	ND<100	--	9100	
03/31/05	32.16	13.70	0.00	18.46	2.11	--	ND<5000	2.5	ND<0.50	ND<0.50	ND<1.0	--	7600	
09/30/05	32.16	15.48	0.00	16.68	-1.78	--	4300	140	37	28	41	--	5800	
03/27/06	32.16	13.02	0.00	19.14	2.46	--	7200	34	0.66	0.96	18	--	9900	
09/27/06	32.16	16.56	0.00	15.60	-3.54	--	1800	ND<12	ND<12	ND<12	ND<12	--	3300	
03/27/07	32.16	16.73	0.00	15.43	-0.17	--	1600	2.8	ND<2.5	ND<2.5	ND<2.5	--	1800	
MW-7 (Screen Interval in feet: 13-33)														
10/19/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/28/93	32.49	--	--	--	--	110	--	2.8	1.3	1.4	1.7	--	--	
07/23/93	32.49	18.60	--	13.89	--	790	--	23	3.3	28	5.4	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7 continued														
10/05/93	32.20	18.76	--	13.44	-0.45	360	--	10	1.2	0.91	0.99	--	--	
01/03/94	32.20	18.91	--	13.29	-0.15	ND	--	0.93	ND	0.75	1.9	--	--	
04/02/94	32.20	18.50	--	13.70	0.41	360	--	2.0	ND	ND	0.8	--	--	
07/05/94	32.20	17.52	--	14.68	0.98	ND	--	ND	ND	ND	ND	--	--	
10/06/94	32.20	19.25	--	12.95	-1.73	340	--	5.6	0.85	ND	1.2	--	--	
01/02/95	32.20	17.67	--	14.53	1.58	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.20	15.81	--	16.39	1.86	570	--	24	ND	3.4	5.8	--	--	
07/14/95	32.20	17.05	--	15.15	-1.24	ND	--	14	ND	ND	ND	--	--	
10/10/95	32.20	18.08	--	14.12	-1.03	740	--	170	ND	ND	ND	13000	--	
01/03/96	32.20	18.02	--	14.18	0.06	360	--	16	1.3	2.7	1.4	--	--	
04/10/96	32.20	15.81	--	16.39	2.21	120	--	4.1	1.5	ND	0.88	3200	--	
07/09/96	32.20	16.99	--	15.21	-1.18	ND	--	ND	ND	ND	ND	3400	--	
01/24/97	32.20	16.08	0.00	16.12	0.91	ND	--	16	ND	ND	ND	6600	--	
07/23/97	32.20	17.99	0.00	14.21	-1.91	ND	--	16	ND	ND	0.62	10000	--	
01/26/98	32.20	15.56	--	16.64	2.43	ND	--	ND	ND	ND	0.56	ND	--	
07/03/98	32.20	17.04	--	15.16	-1.48	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.20	--	--	--	--	--	--	--	--	--	--	--	--	inaccessible-parked car
07/15/99	32.20	15.72	--	16.48	--	ND	--	ND	ND	ND	ND	290	--	
01/07/00	32.20	16.80	--	15.40	-1.08	ND	--	7.7	ND	ND	4.4	98	--	
07/19/00	32.20	17.88	--	14.32	-1.08	ND	--	ND	1.27	ND	0.979	ND	--	
01/02/01	32.20	17.97	--	14.23	-0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.20	16.81	--	15.39	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.20	16.79	--	15.41	0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/01	32.20	16.98	--	15.22	-0.19	ND<50	--	ND<0.50	0.58	ND<0.50	ND<0.50	ND<5.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
01/14/02	32.20	14.85	--	17.35	2.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.20	15.29	--	16.91	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.70	ND<5.0	--	
07/15/02	32.20	15.92	--	16.28	-0.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
01/18/03	32.20	15.11	--	17.09	0.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.20	15.89	--	16.31	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	19	
02/04/04	32.20	15.90	0.00	16.30	-0.01	--	ND<50	3.6	ND<0.50	ND<0.50	ND<1.0	--	3.2	
08/11/04	32.20	16.12	0.00	16.08	-0.22	--	ND<5000	120	ND<50	ND<50	ND<100	--	5100	
03/31/05	32.20	13.99	0.00	18.21	2.13	--	ND<5000	190	ND<50	ND<50	ND<100	--	8400	
09/30/05	32.20	15.93	0.00	16.27	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	32.20	13.40	0.00	18.80	2.53	--	2500	160	10	11	26	--	5600	
09/27/06	32.20	16.96	0.00	15.24	-3.56	--	2800	180	ND<12	15	44	--	4200	
03/27/07	32.20	17.30	0.00	14.90	-0.34	--	920	66	2.9	3.4	4.5	--	970	
MW-8 (Screen Interval in feet: 11-29)														
04/28/93	32.33	--	--	--	--	450	--	18	1.8	1.8	1.4	--	--	
07/23/93	32.33	18.45	--	13.88	--	260	--	5.1	ND	0.6	ND	--	--	
10/05/93	32.00	18.57	--	13.43	-0.45	120	--	1.7	ND	ND	ND	--	--	
01/03/94	32.00	18.73	--	13.27	-0.16	ND	--	ND	ND	ND	ND	51	--	
04/02/94	32.00	18.30	--	13.70	0.43	150	--	1.2	ND	ND	ND	--	--	
07/05/94	32.00	17.41	--	14.59	0.89	730	--	17	ND	1.6	ND	--	--	
10/06/94	32.00	18.98	--	13.02	-1.57	140	--	ND	ND	ND	ND	--	--	
01/02/95	32.00	17.58	--	14.42	1.40	440	--	18	0.72	2.0	1.8	--	--	
04/03/95	32.00	15.54	--	16.46	2.04	960	--	11	ND	ND	ND	--	--	
07/14/95	32.00	16.81	--	15.19	-1.27	280	--	4.2	2.6	1.1	3.3	--	--	
10/10/95	32.00	17.85	--	14.15	-1.04	110	--	1.3	0.62	0.67	ND	170	--	

Table 2
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June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
01/03/96	32.00	17.82	--	14.18	0.03	63	--	ND	0.51	ND	1.8	--	--	
04/10/96	32.00	15.70	--	16.30	2.12	ND	--	1.1	0.61	ND	ND	60	--	
07/09/96	32.00	16.78	--	15.22	-1.08	72	--	1.0	ND	ND	ND	140	--	
01/24/97	32.00	15.79	0.00	16.21	0.99	ND	--	ND	ND	ND	ND	76	--	
07/23/97	32.00	17.69	0.00	14.31	-1.90	ND	--	ND	ND	ND	ND	270	--	
01/26/98	32.00	15.50	--	16.50	2.19	ND	--	ND	ND	ND	0.76	2.9	--	
07/03/98	32.00	16.80	--	15.20	-1.30	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.00	17.13	--	14.87	-0.33	ND	--	ND	ND	ND	ND	11	--	
07/15/99	32.00	15.85	--	16.15	1.28	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.00	16.94	--	15.06	-1.09	ND	--	ND	ND	ND	ND	11	--	
07/19/00	32.00	18.06	--	13.94	-1.12	ND	--	ND	2.99	0.521	ND	ND	--	
01/02/01	32.00	18.12	--	13.88	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.00	16.96	--	15.04	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.00	16.52	--	15.48	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	--	
10/15/01	32.00	16.72	--	15.28	-0.20	ND<50	--	ND<0.50	0.65	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.00	14.53	--	17.47	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.00	14.96	--	17.04	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
07/15/02	32.00	15.60	--	16.40	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	--	
01/18/03	32.00	14.78	--	17.22	0.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
02/04/04	32.00	15.65	0.00	16.35	-0.87	--	52	2.3	ND<0.50	ND<0.50	ND<1.0	--	2.4	
08/11/04	32.00	15.86	0.00	16.14	-0.21	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
03/31/05	32.00	13.73	0.00	18.27	2.13	--	ND<2000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2100	
09/30/05	32.00	15.94	0.00	16.06	-2.21	--	1200	ND<0.50	0.50	ND<0.50	ND<1.0	--	6900	
03/27/06	32.00	13.13	0.00	18.87	2.81	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	820	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2007
76 Station 0752

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-8 continued														
09/27/06	32.00	16.75	0.00	15.25	-3.62	--	520	ND<5.0	ND<5.0	ND<5.0	8.2	--	870	
03/27/07	32.00	16.87	0.00	15.13	-0.12	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3600	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro- ethene (PCE) (µg/l)	Trichloro- ethene (TCE) (µg/l)	Cadmium (dissolved) (mg/l)	Calcium (mg/l)	Chromium (total) (mg/l)
MW-1															
06/05/91	47	--	--	--	--	--	--	--	--	7.8	2.9	1.3	--	--	--
09/30/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	ND	--	--	--	--	--	--	--	ND	6.4	2.1	0.9	ND	--	0.0078
04/02/92	94	--	--	--	--	--	--	--	ND	7.1	2.6	1.4	ND	--	0.015
06/30/92	120	--	--	--	--	--	--	--	ND	9.5	2.2	1.3	ND	--	0.079
09/15/92	ND	--	--	--	--	--	--	--	--	12	2.2	1.3	--	--	--
12/21/92	ND	--	--	--	--	--	--	--	--	12	1.4	0.83	--	--	--
04/28/93	470	--	--	--	1.1	--	--	--	--	12	0.89	0.85	--	--	--
07/23/93	ND	--	--	--	--	--	--	--	--	16	1.3	0.91	--	--	--
10/05/93	57	--	--	--	--	--	--	--	--	13	1.3	0.66	--	--	--
01/03/94	ND	--	--	--	--	--	--	--	--	18	1.4	0.93	--	--	--
04/02/94	ND	--	--	--	--	--	--	--	--	15	1.1	0.68	--	--	--
04/10/96	--	--	--	--	--	--	--	--	--	--	--	--	--	21	--
07/15/02	--	ND<5.0	ND<25	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--	--	--
01/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/11/03	--	--	ND<25000	--	--	--	--	--	--	--	--	--	--	--	--
02/04/04	--	ND<10000	ND<50000	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-2															
01/03/96	--	--	--	--	--	--	--	--	--	--	--	--	--	27	--
04/10/96	--	--	--	--	--	--	--	--	--	--	--	--	--	58	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Chloroform	Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)	Cadmium (dissolved)	Calcium	Chromium (total)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-2 continued															
07/11/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-3															
01/03/96	--	--	--	--	--	--	--	--	--	--	--	--	--	43	--
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<12000	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<12000	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<62000	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<6200	--	--	--	--	--	--	--	--	--	--	--	--
MW-4															
01/03/94	--	--	--	--	--	--	--	--	--	9.0	1.0	ND	--	--	--
02/04/04	--	ND<2000	ND<10000	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<1200	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro- ethene (PCE) (µg/l)	Trichloro- ethene (TCE) (µg/l)	Cadmium (dissolved) (mg/l)	Calcium (mg/l)	Chromium (total) (mg/l)
MW-5															
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-6															
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<1200	--	--	--	--	--	--	--	--	--	--	--	--
MW-7															
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
MW-8															
01/03/94	--	--	--	--	--	--	--	--	--	1.5	1.2	ND	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

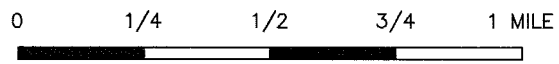
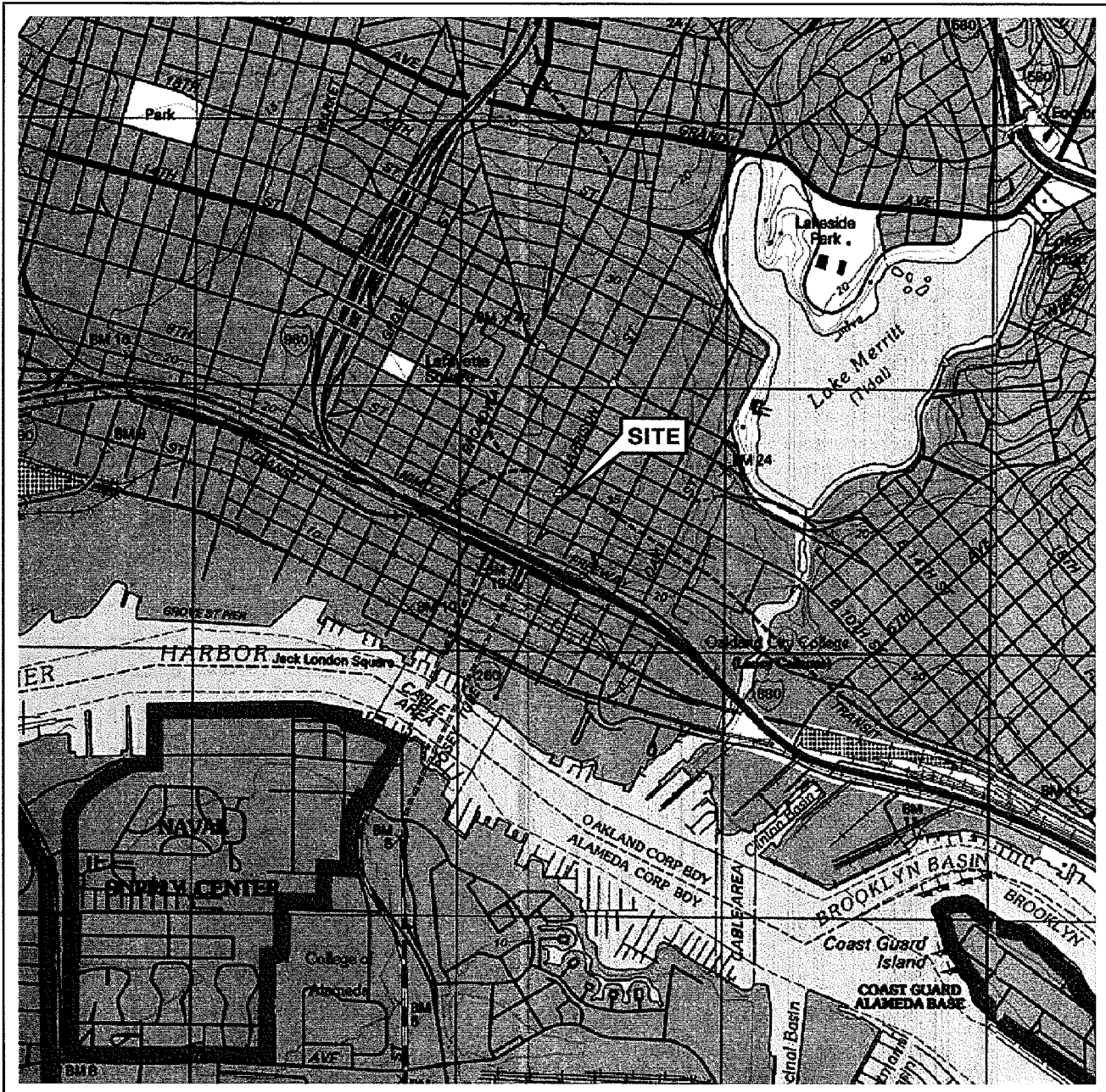
Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)	Cadmium (dissolved) (mg/l)	Calcium (mg/l)	Chromium (total) (mg/l)
MW-8 continued															
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<2500	--	--	--	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Iron (total) (mg/l)	Lead (total) (mg/l)	Manganese (dissolved) (mg/l)	Nickel (mg/l)	Zinc (dissolved) (mg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Alkalinity (bicarb.) (mg/l)	BOD (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1											
12/30/91	--	0.0057	--	ND	0.046	--	--	--	--	--	--
04/02/92	--	0.016	--	ND	0.02	--	--	--	--	--	--
06/30/92	--	0.009	--	0.1	0.087	--	--	--	--	--	--
04/10/96	15	--	2.6	--	--	--	--	160	--	3.04	--
07/09/96	--	--	--	--	--	--	--	--	--	3.13	--
01/24/97	--	--	--	--	--	--	--	--	--	2.56	--
07/23/97	--	--	--	--	--	--	--	--	--	2.81	2.26
01/26/98	--	--	--	--	--	--	--	--	--	--	3.97
07/03/98	--	--	--	--	--	--	--	--	--	--	3.58
MW-2											
01/03/96	77	--	3.0	--	--	0.22	97	130	2.2	1.80	--
04/10/96	60	--	7.0	--	--	--	--	460	--	5.88	--
07/09/96	--	--	--	--	--	--	--	--	--	0.71	--
01/24/97	--	--	--	--	--	--	--	--	--	2.37	--
07/23/97	--	--	--	--	--	--	--	--	--	0.97	1.40
01/26/98	--	--	--	--	--	--	--	--	--	--	4.12
07/03/98	--	--	--	--	--	--	--	--	--	--	3.99
MW-3											
01/03/96	--	--	--	--	--	--	16	--	--	1.50	--

FIGURES

PS = 1:1 L:\QMS VICINITY MAP S\0\52vm.dwg Apr 05, 2007 - 4:22pm bschnidt



SCALE 1:24,000

SOURCE:
 United States Geological Survey
 7.5 Minute Topographic Map:
 Oakland East & Oakland West
 Quadrangles



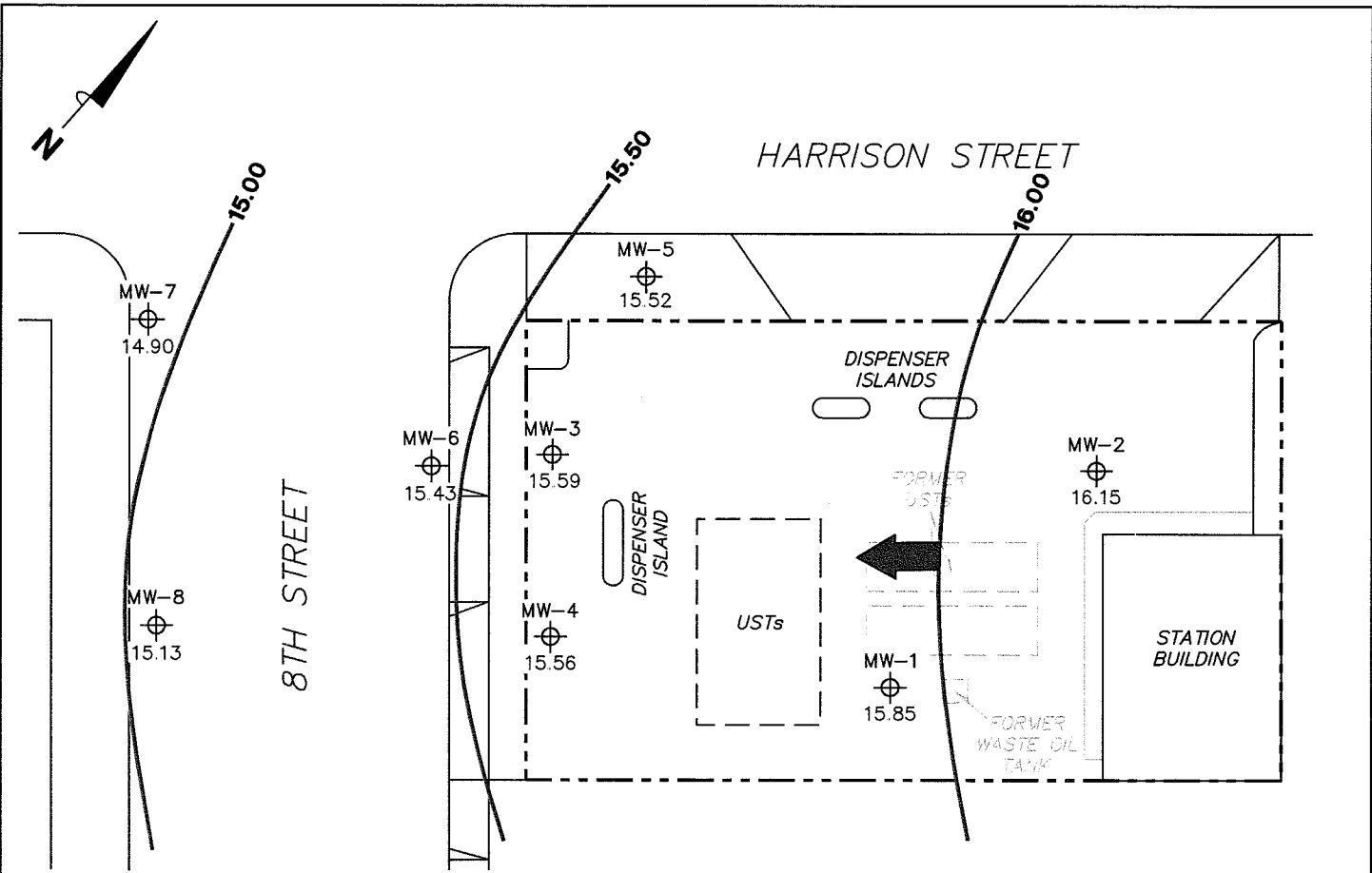
VICINITY MAP

76 Station 0752
 800 Harrison Street
 Oakland, California



FIGURE 1

PS=1:1.0752-003.L: Graphics\Projects\ByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+0752qms.dwg Apr 12, 2007 - 8:42am bschmidt



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.

LEGEND

- MW-8 Monitoring Well with Groundwater Elevation (feet)
- 16.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**GROUNDWATER ELEVATION CONTOUR MAP
March 27, 2007**

76 Station 0752
800 Harrison Street
Oakland, California

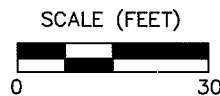
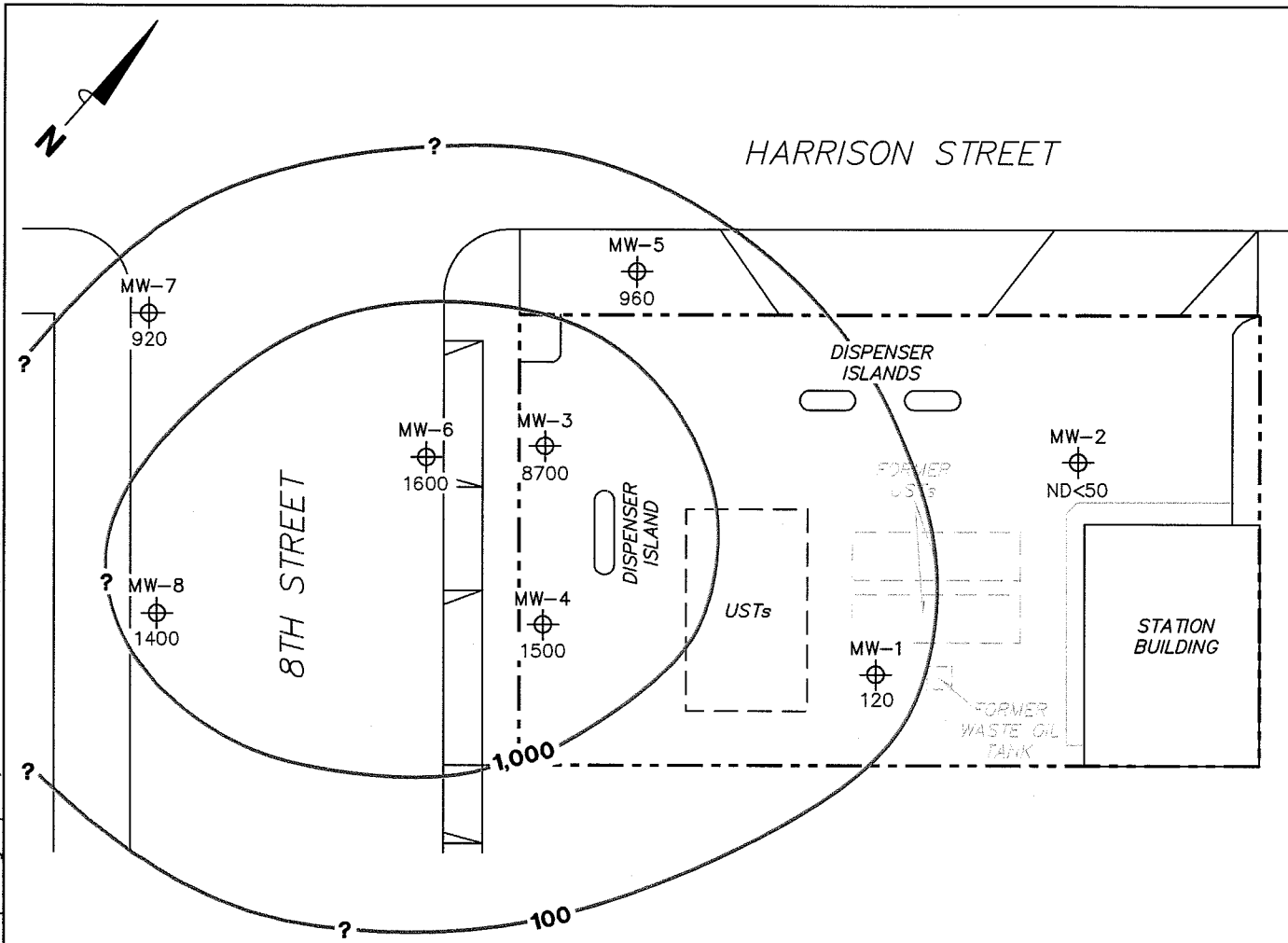


FIGURE 2

PS=1:1.0752-003.L:Graphics\Projects\ByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+00752qms.dwg Apr 12, 2007 - 8:44am bschmidt



NOTES:

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

LEGEND

MW-8 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

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

**DISSOLVED-PHASE
 TPH-G (GC/MS)
 CONCENTRATION MAP
 March 27, 2007**

76 Station 0752
 800 Harrison Street
 Oakland, California

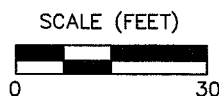
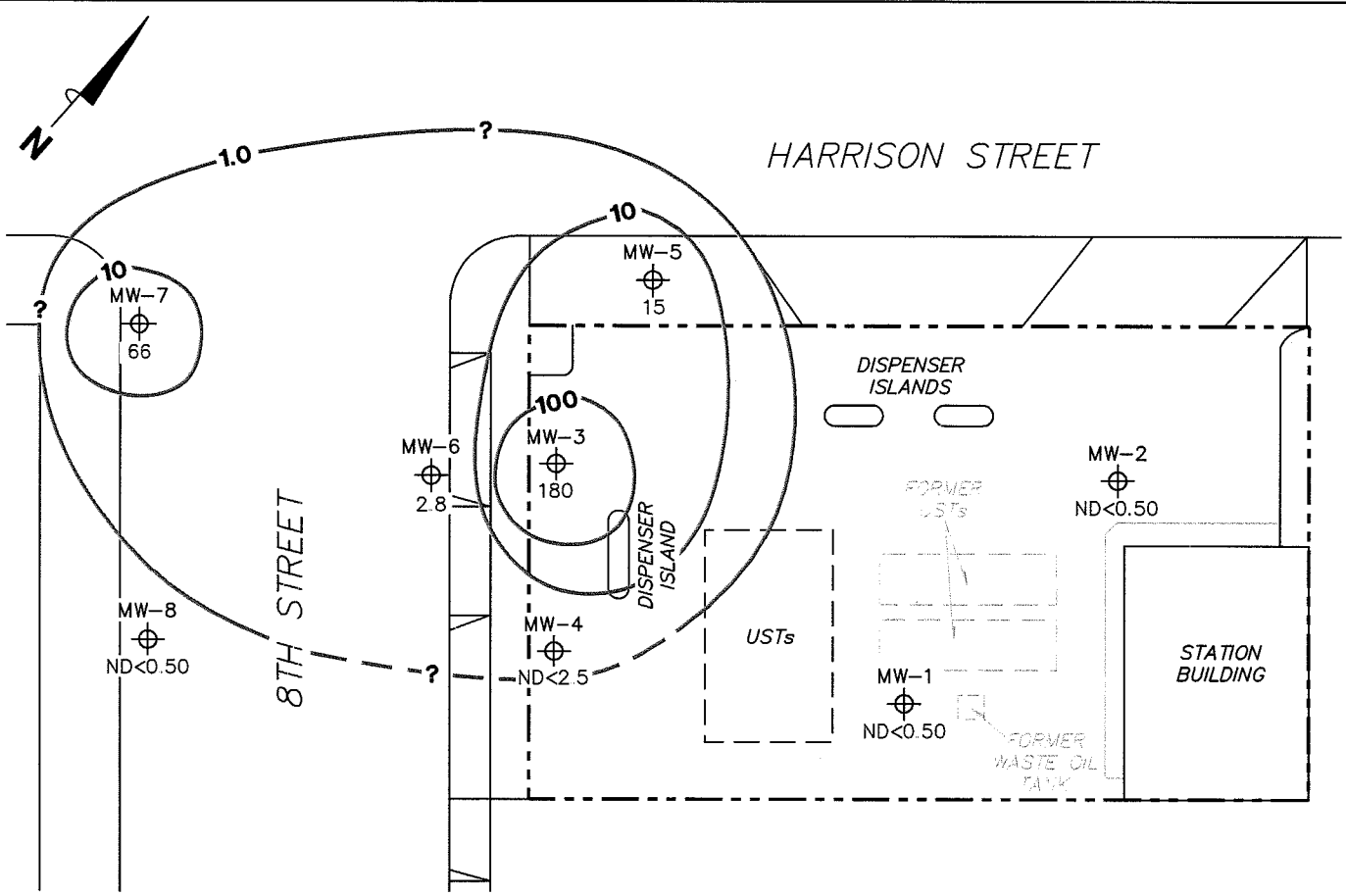


FIGURE 3

PS=1:1.0752-003.L: Graphics\Projects\ByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+0752gms.dwg Apr 12, 2007 - 8:49am bschmidt



NOTES:

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

LEGEND

- MW-8 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- 100- Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 27, 2007

76 Station 0752
 800 Harrison Street
 Oakland, California

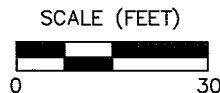
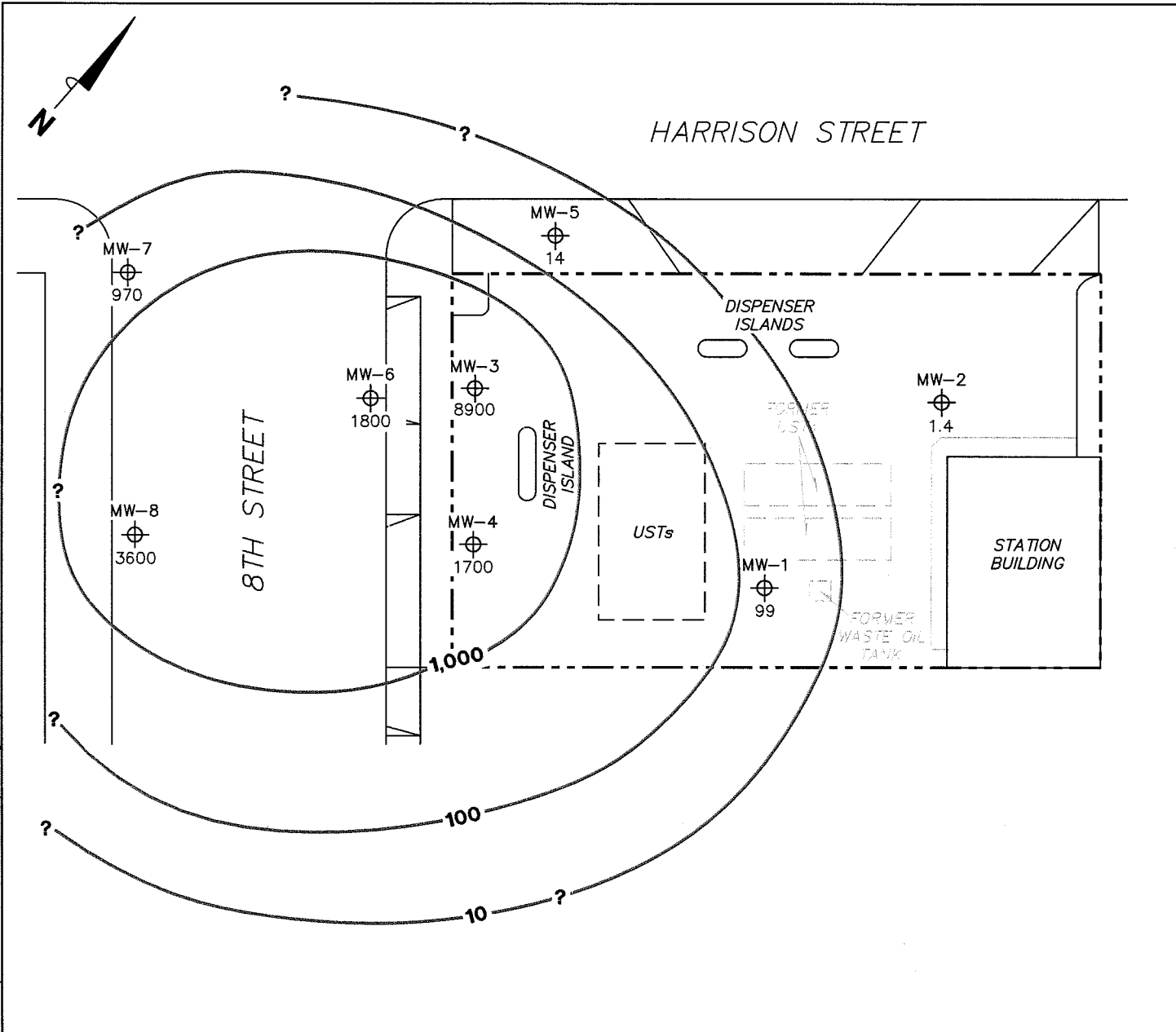


FIGURE 4

PS=1:1.0752-003.L:Graphics\Projects\ByNumber\20-xxxx\20-0400(Unocal\MS)\x-0000\0752+0752grms.dwg Apr 12, 2007 - 8:50am bschmidt



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
 MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-8 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

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

**DISSOLVED-PHASE MTBE CONCENTRATION MAP
 March 27, 2007**

76 Station 0752
 800 Harrison Street
 Oakland, California

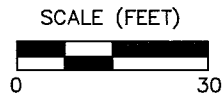
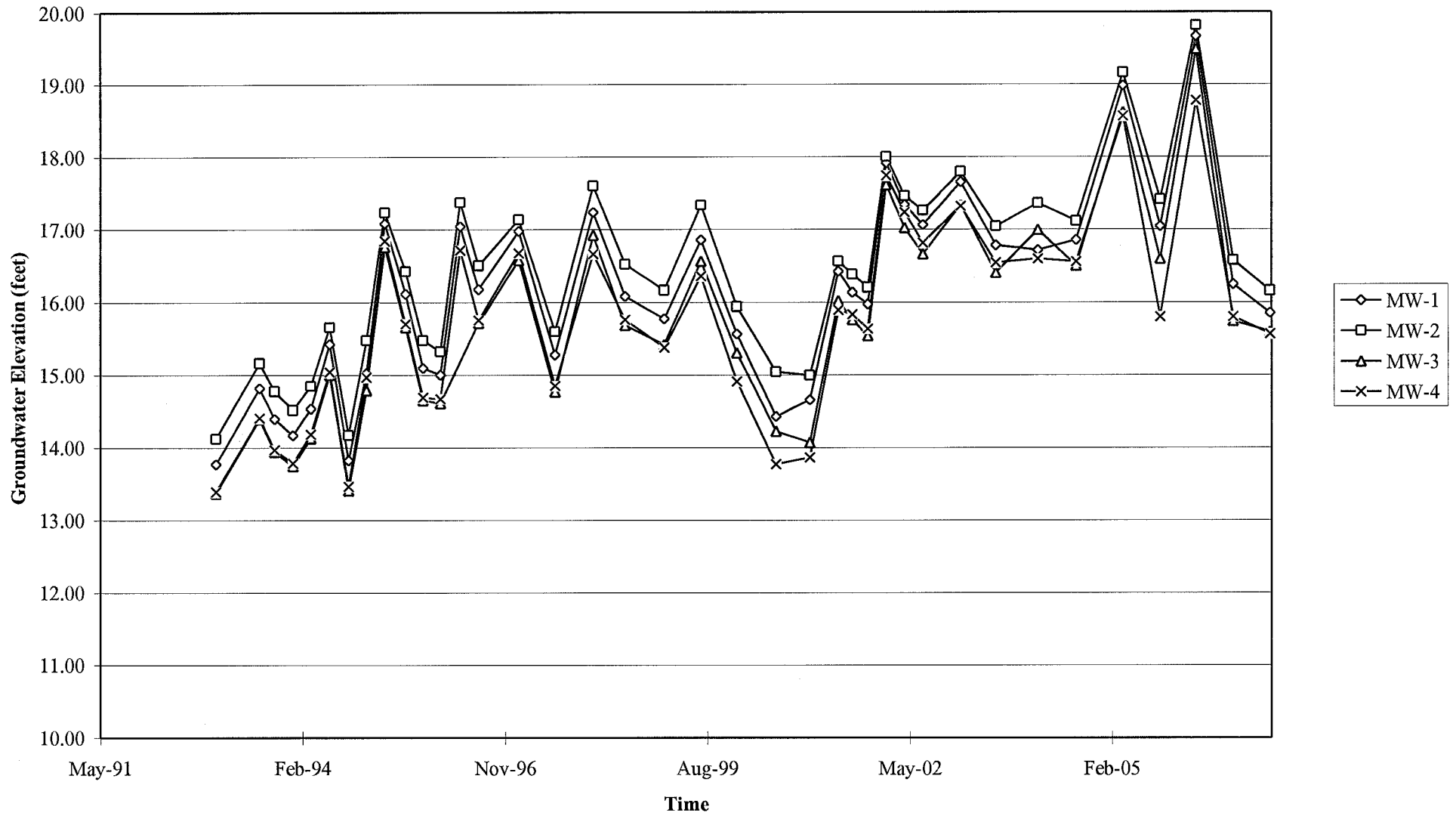


FIGURE 5

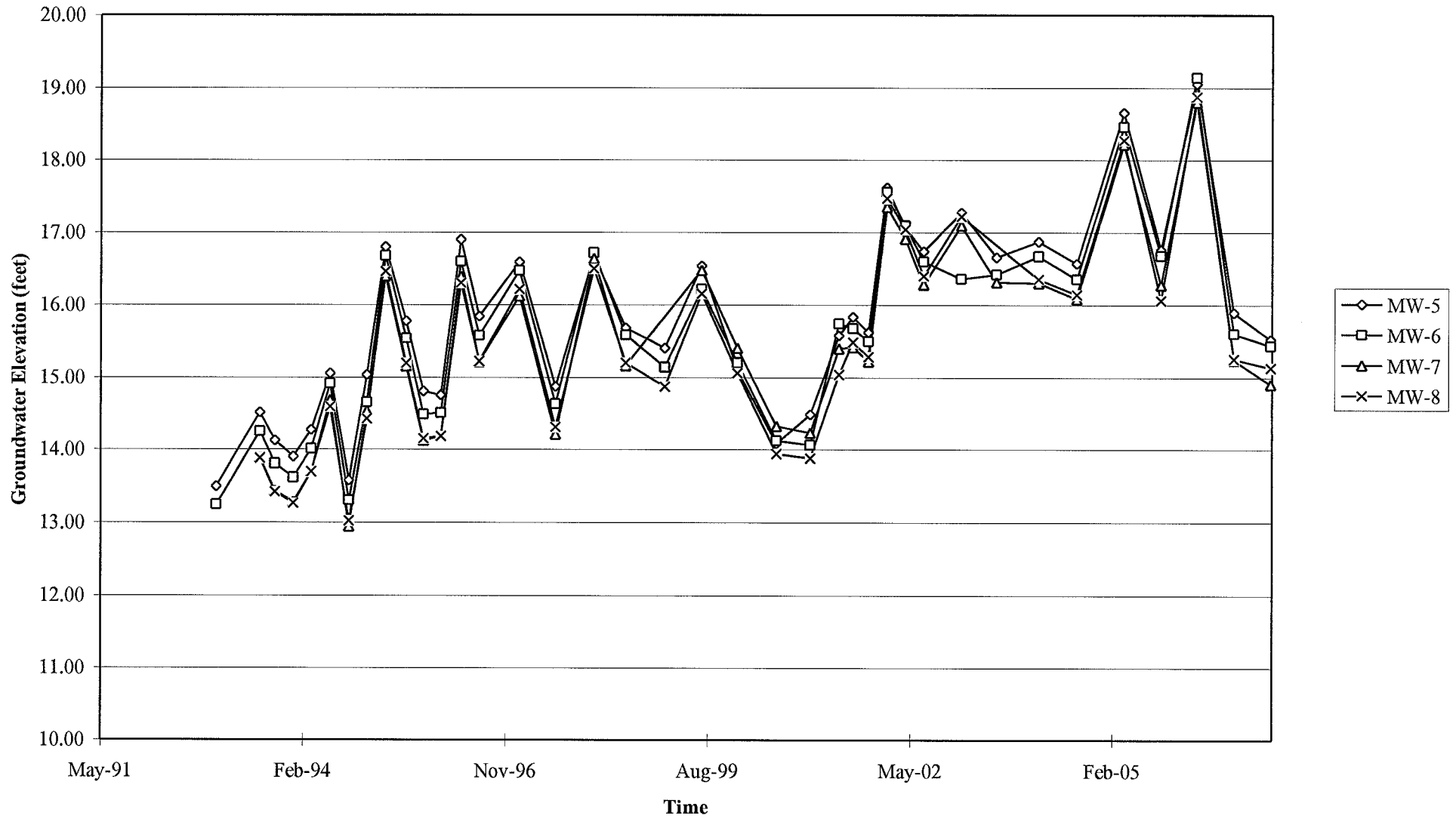
GRAPHS

Groundwater Elevations vs. Time
76 Station 0752



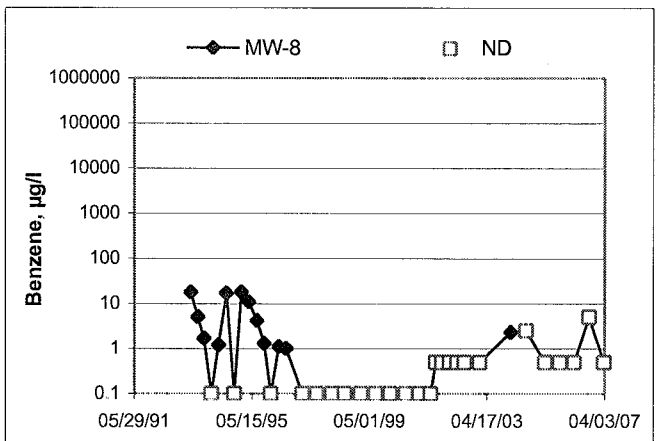
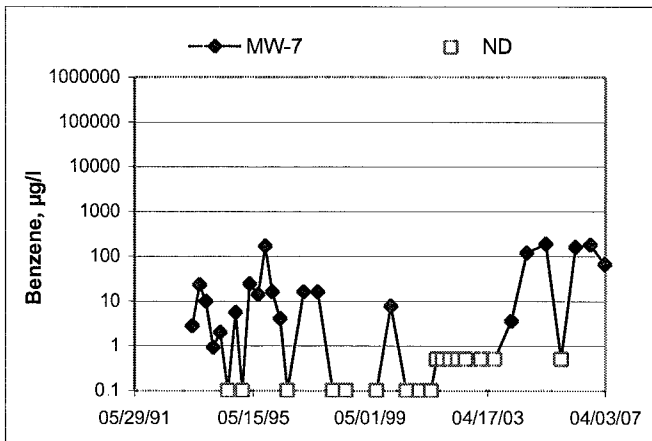
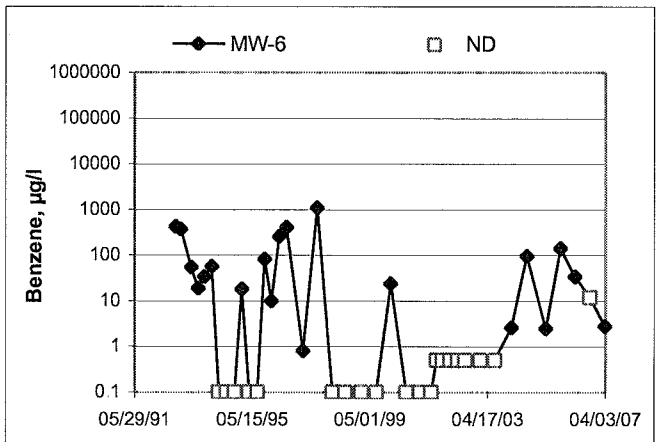
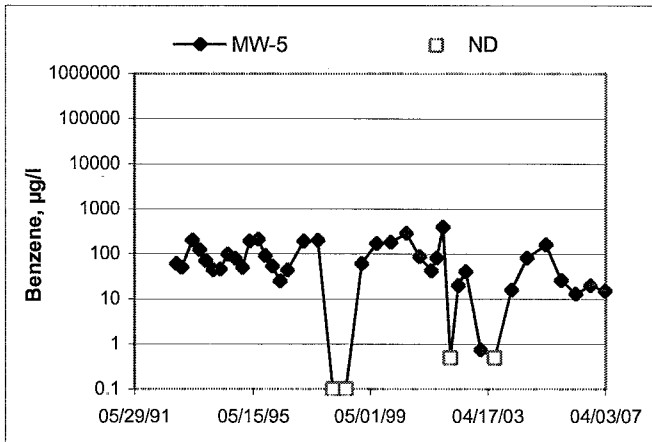
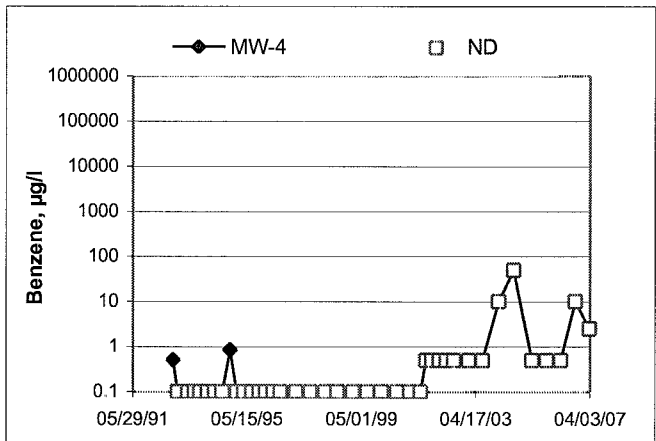
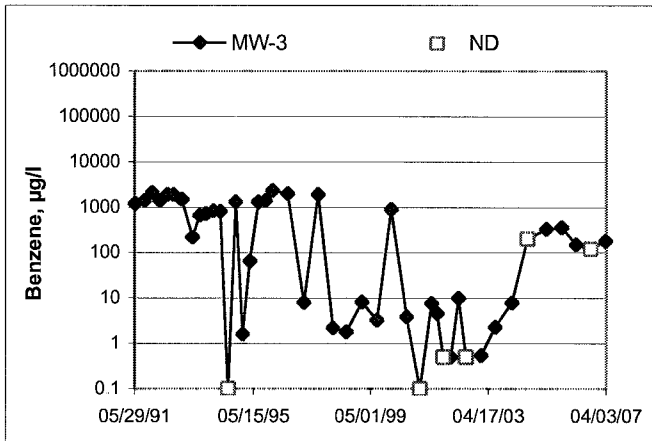
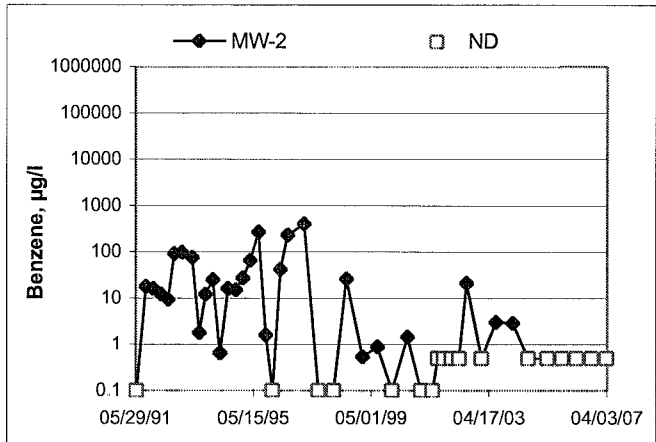
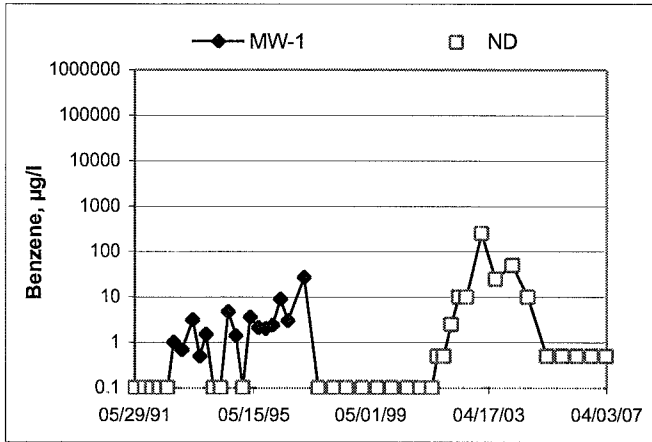
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 0752



Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time
76 Station 0752



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 (surveyor's 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.

GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R

Site: 0752

Project No.: 41060001

Date: 3-27-07

Well No. mw-2

Purge Method: DIA

Depth to Water (feet): 18.57

Depth to Product (feet):

Total Depth (feet) 30.66

LPH & Water Recovered (gallons):

Water Column (feet): 12.09

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.98

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
1325			2	773.7	18.7	8.24			
			4	762.2	19.4	8.15			
	1329		6	745.1	19.7	8.04			
Static at Time Sampled			Total Gallons Purged		Sample Time				
18.67			6		1335				
Comments:									

Well No. mw-5

Purge Method: DIA

Depth to Water (feet): 17.43

Depth to Product (feet):

Total Depth (feet) 32.05

LPH & Water Recovered (gallons):

Water Column (feet): 14.62

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.35

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
1335			2	386.9	22.1	7.80			
			4	376.5	21.7	7.74			
	1346		6	365.4	21.1	7.63			
Static at Time Sampled			Total Gallons Purged		Sample Time				
17.95			6		1355				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R

Site: 0752

Project No.: 41060001

Date: 3-27-07

Well No. mw-1

Purge Method: DIA

Depth to Water (feet): 18.84

Depth to Product (feet):

Total Depth (feet) 33.93

LPH & Water Recovered (gallons):

Water Column (feet): 15.09

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.85

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
1406			2	295.1	20.5	7.80			
			4	320.0	20.4	7.70			
	1411		6	325.4	20.3	7.65			
Static at Time Sampled			Total Gallons Purged		Sample Time				
19.35			6		1415				
Comments:									

Well No. mw-8

Purge Method: DIA

Depth to Water (feet): 16.87

Depth to Product (feet):

Total Depth (feet) 28.55

LPH & Water Recovered (gallons):

Water Column (feet): 11.68

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.20

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	D.O.	ORP	Turbidity
1425			2	492.6	19.9	6.90			
			4	479.0	19.7	6.80			
	1430		6	468.4	19.6	6.70			
Static at Time Sampled			Total Gallons Purged		Sample Time				
17.25			6		1439				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R.

Site: 0752

Project No.: 41060001

Date: 3-27-07

Well No. MW-4

Purge Method: DTA

Depth to Water (feet): 17.15

Depth to Product (feet):

Total Depth (feet) 32.45

LPH & Water Recovered (gallons):

Water Column (feet): 15.30

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.21

1 Well Volume (gallons):

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°C)	pH	D.O.	ORP	Turbidity
1455			2	487.1	21.1	7.01			
			4	482.8	20.9	6.89			
	1459		6	480.8	21.1	6.70			
Static at Time Sampled			Total Gallons Purged		Sample Time				
17.24			6		1507				
Comments:									

Well No. MW-6

Purge Method: HB

Depth to Water (feet): 16.73

Depth to Product (feet):

Total Depth (feet) 31.30

LPH & Water Recovered (gallons):

Water Column (feet) 14.57

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.64

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°C)	pH	D.O.	ORP	Turbidity
1455			2	243.8	21.8	7.69			
			4	235.4	20.9	7.58			
	1507		6	241.3	20.9	7.45			
Static at Time Sampled			Total Gallons Purged		Sample Time				
15.09			6		1509				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: STEPHEN R

Site: 0752

Project No.: 411060001

Date: 3-27-07

Well No. MW-7

Purge Method: H B

Depth to Water (feet): 17.30

Depth to Product (feet):

Total Depth (feet) 31.94

LPH & Water Recovered (gallons):

Water Column (feet): 14.64

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.22

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F °C)	pH	D.O.	ORP	Turbidity
1423			2	459.9	21.3	7.59			
			4	453.3	20.8	7.41			
	1433		6	449.0	20.8	7.30			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.15			6			1440			
Comments:									

Well No. MW-3

Purge Method: DIA

Depth to Water (feet): 17.55

Depth to Product (feet):

Total Depth (feet) 30.69

LPH & Water Recovered (gallons):

Water Column (feet): 13.14

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.17

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F °C)	pH	D.O.	ORP	Turbidity
1525			2	718.2	21.8	7.10			
			4	712.3	21.1	7.04			
	1529		6	704.9	20.8	6.98			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.81			6			1538			
Comments:									



Date of Report: 04/05/2007

Anju Farfan

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

RE: 0752
BC Work Order: 0703676

Enclosed are the results of analyses for samples received by the laboratory on 03/28/2007 21:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker", written over a horizontal line.

Contact Person: Vanessa Hooker
Client Service Rep

A handwritten signature in black ink, written over a horizontal line.

Authorized Signature

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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0703676-01	COC Number:	---	Receive Date:	03/28/2007 21:40	Delivery Work Order:
	Project Number:	0752	Sampling Date:	03/27/2007 13:35	Global ID: T0600101486
	Sampling Location:	MW-2	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-2	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	Stephen of TRCI			Cooler ID:
0703676-02	COC Number:	---	Receive Date:	03/28/2007 21:40	Delivery Work Order:
	Project Number:	0752	Sampling Date:	03/27/2007 13:55	Global ID: T0600101486
	Sampling Location:	MW-5	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-5	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	Stephen of TRCI			Cooler ID:
0703676-03	COC Number:	---	Receive Date:	03/28/2007 21:40	Delivery Work Order:
	Project Number:	0752	Sampling Date:	03/27/2007 14:15	Global ID: T0600101486
	Sampling Location:	MW-1	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-1	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	Stephen of TRCI			Cooler ID:
0703676-04	COC Number:	---	Receive Date:	03/28/2007 21:40	Delivery Work Order:
	Project Number:	0752	Sampling Date:	03/27/2007 14:39	Global ID: T0600101486
	Sampling Location:	MW-8	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-8	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	Stephen of TRCI			Cooler ID:
0703676-05	COC Number:	---	Receive Date:	03/28/2007 21:40	Delivery Work Order:
	Project Number:	0752	Sampling Date:	03/27/2007 15:07	Global ID: T0600101486
	Sampling Location:	MW-4	Sample Depth:	---	Matrix: W
	Sampling Point:	MW-4	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	Stephen of TRCI			Cooler ID:

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

Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0703676-06	COC Number: --- Project Number: 0752 Sampling Location: MW-6 Sampling Point: MW-6 Sampled By: Stephen of TRCI	Receive Date: 03/28/2007 21:40 Sampling Date: 03/27/2007 15:09 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101486 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0703676-07	COC Number: --- Project Number: 0752 Sampling Location: MW-7 Sampling Point: MW-7 Sampled By: Stephen of TRCI	Receive Date: 03/28/2007 21:40 Sampling Date: 03/27/2007 14:40 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101486 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0703676-08	COC Number: --- Project Number: 0752 Sampling Location: MW-3 Sampling Point: MW-3 Sampled By: Stephen of TRCI	Receive Date: 03/28/2007 21:40 Sampling Date: 03/27/2007 15:38 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101486 Matrix: W Sample QC Type (SACode): CS Cooler ID:



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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703676-01		Client Sample Name: 0752, MW-2, MW-2, 3/27/2007 1:35:00PM, Stephen											
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	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Methyl t-butyl ether	1.4	ug/L	0.50		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Toluene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Ethanol	ND	ug/L	250		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 00:44	SDU	MS-V10	1	BQD0052		

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703676-02												
Client Sample Name:	0752, MW-5, MW-5, 3/27/2007 1:55:00PM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	15	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Ethylbenzene	2.2	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Methyl t-butyl ether	14	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Toluene	7.8	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Total Xylenes	11	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Ethanol	ND	ug/L	250		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
Total Purgeable Petroleum Hydrocarbons	960	ug/L	50		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052		
Toluene-d8 (Surrogate)	93.4	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052		
4-Bromofluorobenzene (Surrogate)	98.8	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:02	SDU	MS-V10	1	BQD0052		

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703676-03												
Client Sample Name:	0752, MW-1, MW-1, 3/27/2007 2:15:00PM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Methyl t-butyl ether	99	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Toluene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Ethanol	ND	ug/L	250		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	
Total Purgeable Petroleum Hydrocarbons	120	ug/L	50		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052		
Toluene-d8 (Surrogate)	93.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 01:20	SDU	MS-V10	1	BQD0052		

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 0752, MW-8, MW-8, 3/27/2007 2:39:00PM, Stephen												
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	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	
Methyl t-butyl ether	3600	ug/L	25		EPA-8260	04/02/07	04/03/07 16:27	SDU	MS-V10	50	BQD0052	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	
Ethanol	ND	ug/L	250		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	
Total Purgeable Petroleum Hydrocarbons	1400	ug/L	50		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	99.6	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 16:27	SDU	MS-V10	50	BQD0052		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052		
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 16:27	SDU	MS-V10	50	BQD0052		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:17	SDU	MS-V10	1	BQD0052		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 16:27	SDU	MS-V10	50	BQD0052		

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703676-05													
Client Sample Name:	0752, MW-4, MW-4, 3/27/2007 3:07:00PM, Stephen													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01	
Ethylbenzene	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01	
Methyl t-butyl ether	1700	ug/L	10		EPA-8260	04/02/07	04/03/07 03:06	SDU	MS-V10	20	BQD0052	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01	
Total Xylenes	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01	
Total Purgeable Petroleum Hydrocarbons	1500	ug/L	250		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052	ND	A01,A53	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052			
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:06	SDU	MS-V10	20	BQD0052			
Toluene-d8 (Surrogate)	97.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:06	SDU	MS-V10	20	BQD0052			
Toluene-d8 (Surrogate)	97.3	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052			
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:06	SDU	MS-V10	20	BQD0052			
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:56	SDU	MS-V10	5	BQD0052			

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703676-06		Client Sample Name: 0752, MW-6, MW-6, 3/27/2007 3:09:00PM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	2.8	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
Ethylbenzene	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
Methyl t-butyl ether	1800	ug/L	25		EPA-8260	04/02/07	04/03/07 03:24	SDU	MS-V10	50	BQD0052	ND	A01	
Toluene	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
Total Xylenes	ND	ug/L	2.5		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
Ethanol	ND	ug/L	1200		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
Total Purgeable Petroleum Hydrocarbons	1600	ug/L	250		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	98.9	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052			
1,2-Dichloroethane-d4 (Surrogate)	98.1	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:24	SDU	MS-V10	50	BQD0052			
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:24	SDU	MS-V10	50	BQD0052			
Toluene-d8 (Surrogate)	91.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052			
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:38	SDU	MS-V10	5	BQD0052			
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:24	SDU	MS-V10	50	BQD0052			

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 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0703676-07		Client Sample Name: 0752, MW-7, MW-7, 3/27/2007 2:40:00PM, Stephen												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	66	ug/L	1.0		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
Ethylbenzene	3.4	ug/L	1.0		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
Methyl t-butyl ether	970	ug/L	25		EPA-8260	04/02/07	04/03/07 03:42	SDU	MS-V10	50	BQD0052	ND	A01	
Toluene	2.9	ug/L	1.0		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
Total Xylenes	4.5	ug/L	1.0		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
Ethanol	ND	ug/L	500		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
Total Purgeable Petroleum Hydrocarbons	920	ug/L	100		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	97.8	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:42	SDU	MS-V10	50	BQD0052			
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052			
Toluene-d8 (Surrogate)	97.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:42	SDU	MS-V10	50	BQD0052			
Toluene-d8 (Surrogate)	85.8	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052		S09	
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:21	SDU	MS-V10	2	BQD0052			
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 03:42	SDU	MS-V10	50	BQD0052			

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 21 Technology Drive
 Irvine, CA 92618-2302

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0703676-08													
Client Sample Name:	0752, MW-3, MW-3, 3/27/2007 3:38:00PM, Stephen													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	180	ug/L	12		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
Ethylbenzene	60	ug/L	12		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
Methyl t-butyl ether	8900	ug/L	100		EPA-8260	04/02/07	04/03/07 04:00	SDU	MS-V10	200	BQD0052	ND	A01	
Toluene	ND	ug/L	12		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
Total Xylenes	57	ug/L	12		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
Ethanol	ND	ug/L	6200		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
Total Purgeable Petroleum Hydrocarbons	8700	ug/L	1200		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:00	SDU	MS-V10	200	BQD0052			
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	76 - 114 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052			
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:00	SDU	MS-V10	200	BQD0052			
Toluene-d8 (Surrogate)	97.7	%	88 - 110 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052			
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 04:00	SDU	MS-V10	200	BQD0052			
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	04/02/07	04/03/07 11:03	SDU	MS-V10	25	BQD0052			

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

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BQD0052	Matrix Spike	0703650-01	1.4100	25.650	25.000	ug/L		97.0		70 - 130
		Matrix Spike Duplicate	0703650-01	1.4100	25.000	25.000	ug/L	2.7	94.4	20	70 - 130
Toluene	BQD0052	Matrix Spike	0703650-01	0.11000	25.910	25.000	ug/L		103		70 - 130
		Matrix Spike Duplicate	0703650-01	0.11000	25.790	25.000	ug/L	0	103	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BQD0052	Matrix Spike	0703650-01	ND	9.9200	10.000	ug/L		99.2		76 - 114
		Matrix Spike Duplicate	0703650-01	ND	9.8400	10.000	ug/L		98.4		76 - 114
Toluene-d8 (Surrogate)	BQD0052	Matrix Spike	0703650-01	ND	10.080	10.000	ug/L		101		88 - 110
		Matrix Spike Duplicate	0703650-01	ND	9.9200	10.000	ug/L		99.2		88 - 110
4-Bromofluorobenzene (Surrogate)	BQD0052	Matrix Spike	0703650-01	ND	9.8900	10.000	ug/L		98.9		86 - 115
		Matrix Spike Duplicate	0703650-01	ND	9.9900	10.000	ug/L		99.9		86 - 115

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 21 Technology Drive
 Irvine, CA 92618-2302

 Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BQD0052	BQD0052-BS1	LCS	22.140	25.000	0.50	ug/L	88.6		70 - 130		
Toluene	BQD0052	BQD0052-BS1	LCS	24.380	25.000	0.50	ug/L	97.5		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQD0052	BQD0052-BS1	LCS	9.5900	10.000		ug/L	95.9		76 - 114		
Toluene-d8 (Surrogate)	BQD0052	BQD0052-BS1	LCS	10.060	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQD0052	BQD0052-BS1	LCS	9.8000	10.000		ug/L	98.0		86 - 115		

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

Project: 0752
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

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	BQD0052	BQD0052-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQD0052	BQD0052-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQD0052	BQD0052-BLK1	ND	ug/L	0.50		
Toluene	BQD0052	BQD0052-BLK1	ND	ug/L	0.50		
Total Xylenes	BQD0052	BQD0052-BLK1	ND	ug/L	0.50		
Ethanol	BQD0052	BQD0052-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BQD0052	BQD0052-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQD0052	BQD0052-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQD0052	BQD0052-BLK1	97.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQD0052	BQD0052-BLK1	102	%	86 - 115 (LCL - UCL)		

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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/05/2007 11:52

Notes And Definitions

MDL Method Detection Limit
ND Analyte Not Detected at or above the reporting limit
PQL Practical Quantitation Limit
RPD Relative Percent Difference
A01 PQL's and MDL's are raised due to sample dilution.
A53 Chromatogram not typical of gasoline.
S09 The surrogate recovery on the sample for this compound was not within the control limits.

Submission #: 07-03676

Project Code:

TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest None
Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals Ice Chest Containers None Comments:

Intact? Yes No

Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID RW
Temperature: 3.5 °C
Thermometer ID: #48

Emissivity 0.95
Container VOA

Date/Time 3/28/07
Analyst Init OTD

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 IOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>	()	()
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
Sample Numbering Completed By: OTD Date/Time: 3/28/07 0200

CHK BY	DISTRIBUTION
<i>Anu</i>	<i>JW</i>
	SUB-DIST <input type="checkbox"/>

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

07-03676

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC	
Address: <i>800 Harrison St</i>	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City: <i>Oakland</i>	4-digit site#: <i>0752</i>	
State: CA Zip:	Work Order# 1086TR6502 <i>01036</i>	
COP Manager: <i>Shelby Lathrop</i>	Project #: <i>41060001</i>	
	Sampler Name: <i>STEPHEN R</i>	

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, TPH-g by 8015	TPH -g by 8015M	TPH -D by 8015	TPH-g by GC/MS	BTEX/MTBE/ BY 8260B	EDB/EDC by 8260B	ETHANOL by 8260B	Turnaround Time Requested
	<i>-1</i>	<i>MW-2</i>	<i>3-27-07 / 1335</i>	<i>GW</i>				<i>X</i>	<i>X</i>		<i>X</i>	<i>STD</i>
	<i>-2</i>	<i>MW-5</i>	<i>1355</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-3</i>	<i>MW-1</i>	<i>1415</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-4</i>	<i>MW-8</i>	<i>1439</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-5</i>	<i>MW-4</i>	<i>1507</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-6</i>	<i>MW-6</i>	<i>1509</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-7</i>	<i>MW-7</i>	<i>1440</i>					<i>X</i>	<i>X</i>		<i>X</i>	
	<i>-8</i>	<i>MW-3</i>	<i>1538</i>					<i>X</i>	<i>X</i>		<i>X</i>	

Comments: Global ID: <i>T0600101486</i>	Relinquished by: <i>[Signature]</i>	Received by: <i>Refridge</i>	Date & Time: <i>3-27-07 / 1700</i>
	Relinquished by (Signature): <i>[Signature]</i>	Received by: <i>Ross Dickey</i>	Date & Time: <i>3/28/07 1800</i>
	Relinquished by (Signature): <i>Ross Dickey 3/28/07</i>	Received by: <i>R Ruyund</i>	Date & Time: <i>3-28-07 1650</i>

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

R Ruyund 3-28-07 2140 Teru Obakori 3/28/07 2140

STATEMENTS

Purge Water Disposal

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

Limitations

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

**Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 0752
January 1994 through March 2007**

