RO 231

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

April 27, 2005

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Fuel Leak Case
76 Station #0752
800 Harrison Street
Oakland, CA

Dear Mr. Hwang:

Please find attached TRC's *Quarterly Status Report, dated 4/29/05,* and TRC's *Quarterly Monitoring Report, dated 4/21/05* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or reports are true and correct.

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

Sincerely,

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Roger Batra, TRC

TRC

Customer-Focused Solutions

April 29, 2005 TRC Project No. 42016203

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

RE: Quarterly Status Report - First Quarter 2005
76 Service Station #0752, 800 Harrison Street, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2005 Quarterly Status Report for the subject site, shown on the attached Figures 3 through 5.

PREVIOUS ASSESSMENTS

The subject site contains a 76 service station. The site is 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 76 service station.

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, one ⅛th-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-October1992: 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.

SENSITIVE RECEPTORS

Lake Merritt and the Oakland Estuary are located approximately 0.5 miles from the site.

MONITORING AND SAMPLING

Currently, eight wells are monitored semi-annually. All wells were gauged and sampled this quarter. The groundwater gradient and flow direction were 0.006 foot/foot to the southwest.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in one of eight monitoring wells, with a maximum concentration of 5,000 micrograms per liter (µg/l) in MW-5.

Benzene was detected in four of eight monitoring wells, with a maximum concentration of 330 µg/l in MW-3.

Methyl tertiary butyl ether (MTBE) was detected in eight monitoring wells, with a maximum concentration of 78,000 µg/l in MW-3.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

March 31, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

NEXT QUARTER ACTIVITIES

Submit a Work Plan for Interim Remedial Measure/Feasibility Study to Alameda County Environmental Health Services.

Continue semi-annual monitoring and sampling to assess plume stability and concentration trends at key wells.

If you have any questions regarding this report, please call me at (925) 688-2466.

Sincerely,

TRC

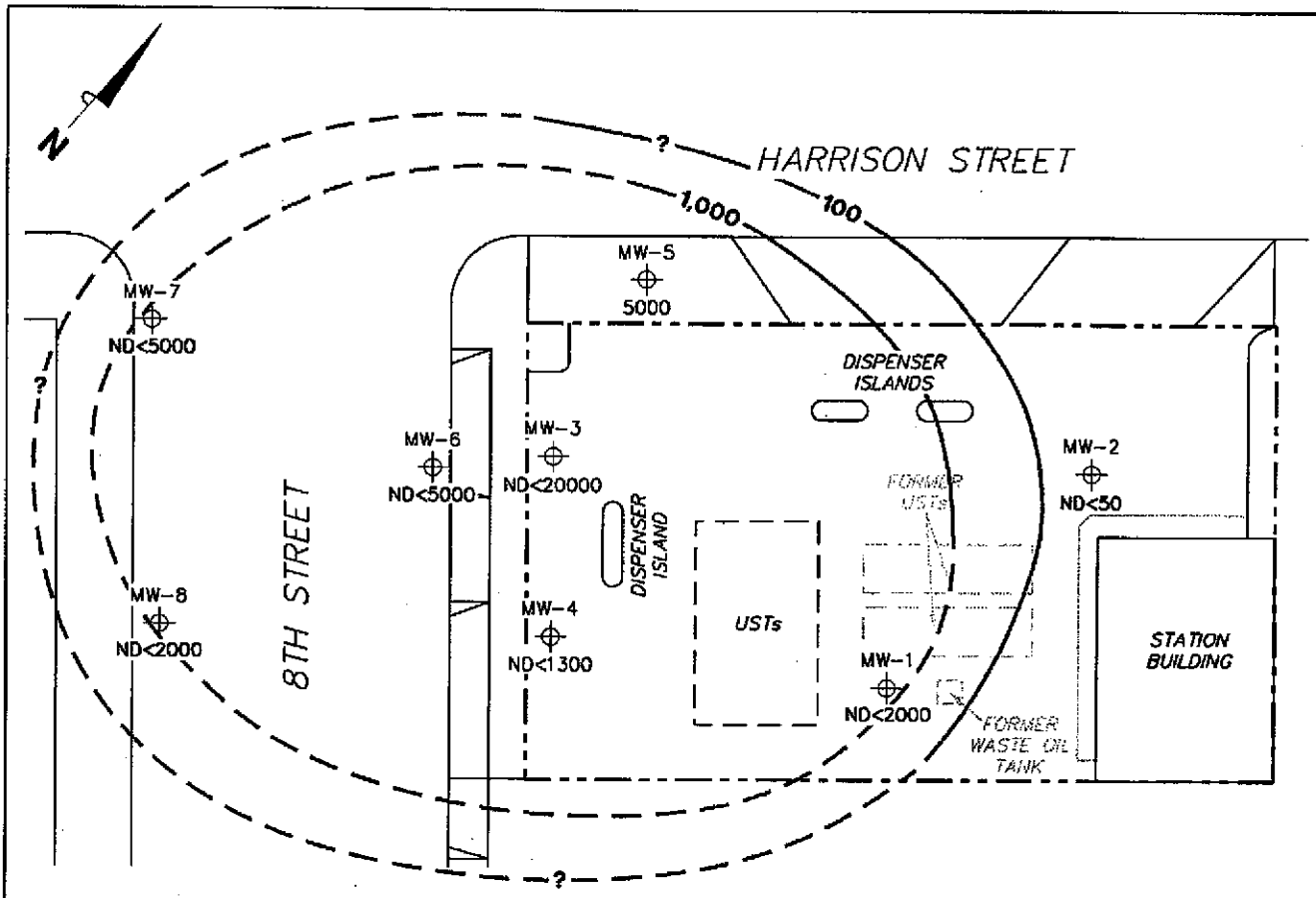
Roger Batra
Senior Project Manager

Attachments:

Figure 3 – Dissolved-Phase TPPH Concentration Map, March 31, 2005, from Semi-Annual Monitoring Report, October 2004 through March 2005, dated April 21, 2005 by TRC.

Figure 4 – Dissolved-Phase Benzene Concentration Map, March 31, 2005, from Semi-Annual Monitoring Report, October 2004 through March 2005, dated April 21, 2005 by TRC.

Figure 5 – Dissolved-Phase MTBE Concentration Map, March 31, 2005, from Semi-Annual Monitoring Report, October 2004 through March 2005, dated April 21, 2005 by TRC.



NOTES:

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

LEGEND

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

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

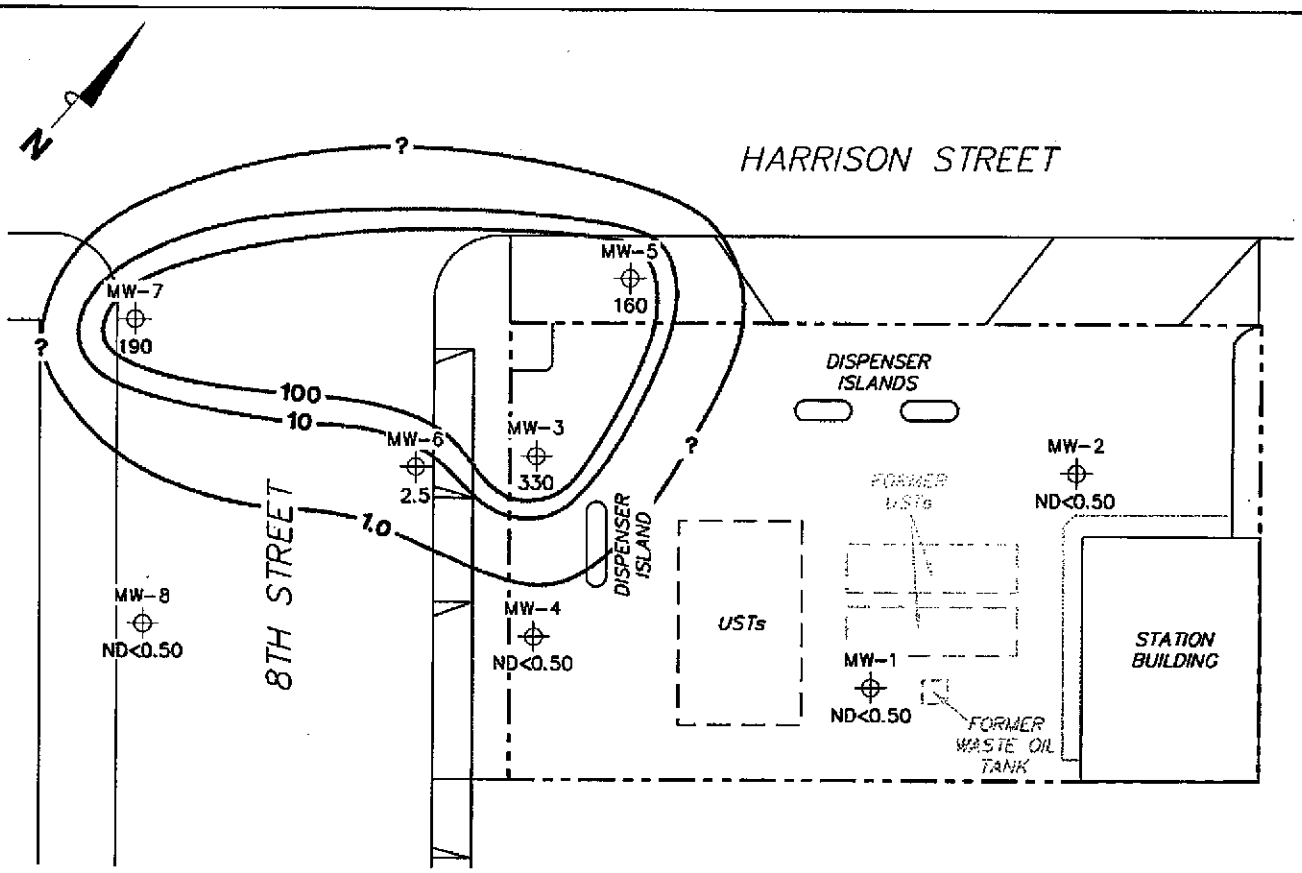
TRC

SCALE (FEET)
0 30

FIGURE 3

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+\0752qmis.dwg Apr 18, 2005 - 10:43am 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.

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 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

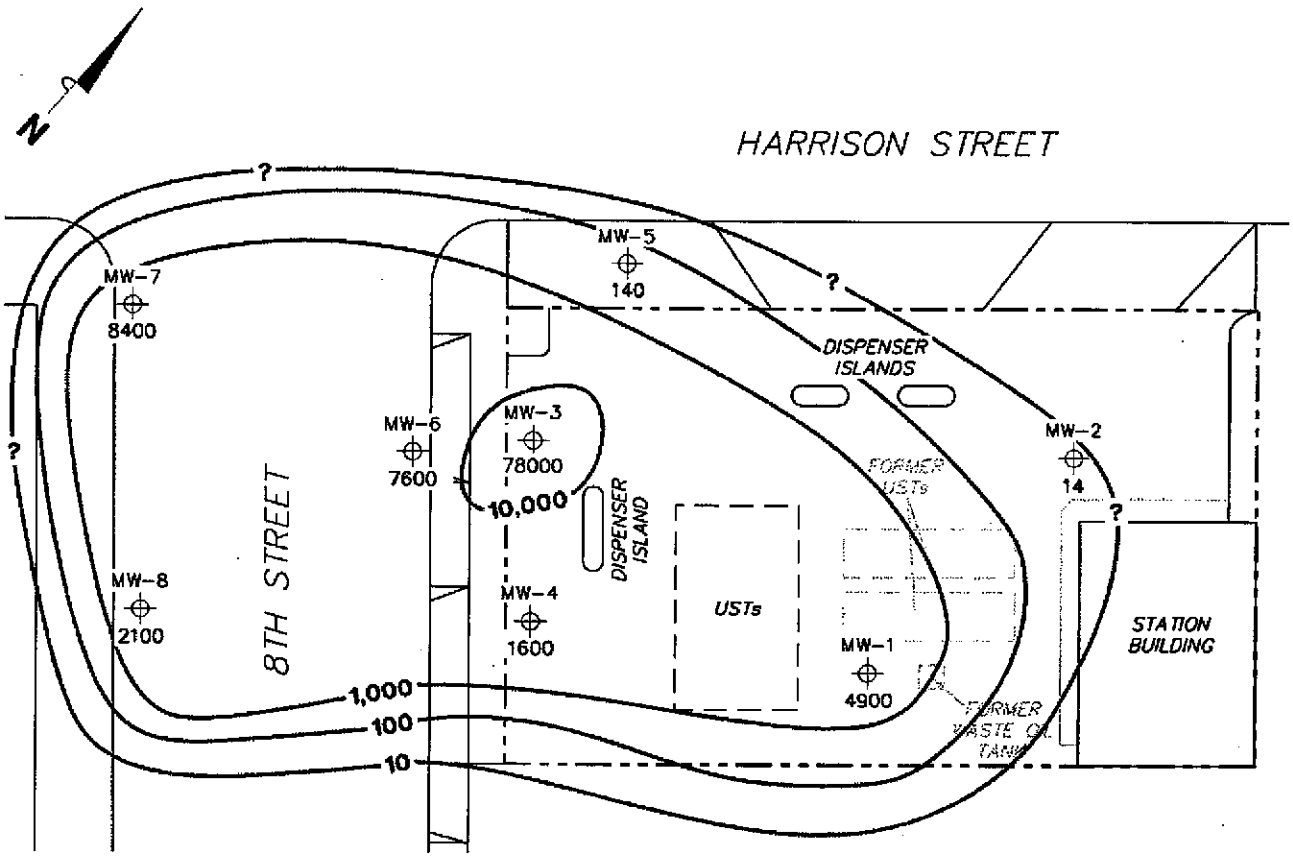
FIGURE 4

TRC

SCALE (FEET)
0 30

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+\0752qms.dwg Apr 18, 2005 - 11:14am 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)

—10,000— Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

SCALE (FEET)
0 30

FIGURE 5

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+\0752qms.dwg Apr 18, 2005 - 12:21pm bschmidt

cc: Thomas Kosel, ConocoPhillips (hard copy and electronic upload)

R0231

TRC

Customer-Focused Solutions

April 21, 2005

ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

Dear Mr. Kosel:

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) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Roger Batra, TRC (2 copies)

Enclosures
20-0400/0752R04.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

TRC

Customer-Focused Solutions

SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

76 Station 0752
800 Harrison Street
Oakland, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations
April 20, 2005

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

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

Summary of Gauging and Sampling Activities
October 2004 through March 2005
76 Station 0752
800 Harrison Street
Oakland, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **03/31/05**

Sample Points

Groundwater wells: **4** onsite, **4** offsite Wells gauged: **8** Wells sampled: **8**
Purging method: **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: **13.7 feet** Maximum: **15.71 feet**
Average groundwater elevation (relative to available local datum): **18.61 feet**
Average change in groundwater elevation since previous event: **2.09 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.006 ft/ft, southwest**
Previous event: **0.006 ft/ft, southwest (08/11/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **4** Wells above MCL (1.0 µg/l): **4**
Maximum reported benzene concentration: **330 µg/l (MW-3)**

Wells with **TPPH 8260B** **1** Maximum: **5,000 µg/l (MW-5)**
Wells with **MTBE** **8** Maximum: **78,000 µg/l (MW-3)**

Notes:

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

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

NOTES

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

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.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 31, 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1		**(Screen Interval in feet: 13.5-33.5)**												
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	
MW-2		**(Screen Interval in feet: 15-33)**												
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	
MW-3		**(Screen Interval in feet: 15-33)**												
03/31/05	33.14	14.53	0.00	18.61	2.11	--	ND<20000	330	ND<200	ND<200	ND<400	--	78000	
MW-4		**(Screen Interval in feet: 15-33)**												
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	
MW-5		**(Screen Interval in feet: 15-32)**												
03/31/05	32.95	14.30	0.00	18.65	2.08	--	5000	160	84	65	72	--	140	
MW-6		**(Screen Interval in feet: 15-32)**												
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	
MW-7		**(Screen Interval in feet: 13-33)**												
03/31/05	32.20	13.99	0.00	18.21	2.13	--	ND<5000	190	ND<50	ND<50	ND<100	--	8400	
MW-8		**(Screen Interval in feet: 11-29)**												
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 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	--	
01/26/98	34.69	17.46	0.00	17.23	1.96	1800	--	ND	ND	ND	ND	4800	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
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	
MW-2	**(Screen Interval in feet: 15-33)**													
06/05/91	34.97	--	--	--	--	49	--	ND	ND	ND	ND	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
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	--	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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
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	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
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	--	
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	
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	--	--	
10/05/93	32.20	18.76	--	13.44	-0.45	360	--	10	1.2	0.91	0.99	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
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	--	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through March 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
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	
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through March 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
01/26/98	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	--	--	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	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D	EDC	PCE	Chloro-form	TCE	EDB	Total Lead	Pre-Purge DO	Post Purge DO	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Calcium
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-1															
06/05/91	47	--	2.9	7.8	1.3	--	--	--	--	--	--	--	--	--	--
09/30/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	ND	--	2.1	6.4	0.9	--	0.0057	--	--	--	--	--	--	--	--
04/02/92	94	--	2.6	7.1	1.4	--	0.016	--	--	--	--	--	--	--	--
06/30/92	120	--	2.2	9.5	1.3	--	0.009	--	--	--	--	--	--	--	--
09/15/92	ND	--	2.2	12	1.3	--	--	--	--	--	--	--	--	--	--
12/21/92	ND	--	1.4	12	0.83	--	--	--	--	--	--	--	--	--	--
04/28/93	470	1.1	0.89	12	0.85	--	--	--	--	--	--	--	--	--	--
07/23/93	ND	--	1.3	16	0.91	--	--	--	--	--	--	--	--	--	--
10/05/93	57	--	1.3	13	0.66	--	--	--	--	--	--	--	--	--	--
01/03/94	ND	--	1.4	18	0.93	--	--	--	--	--	--	--	--	--	--
04/02/94	ND	--	1.1	15	0.68	--	--	--	--	--	--	--	--	--	--
04/10/96	--	--	--	--	--	--	--	--	3.04	--	--	--	--	--	21
07/09/96	--	--	--	--	--	--	--	--	3.13	--	--	--	--	--	--
01/24/97	--	--	--	--	--	--	--	--	2.56	--	--	--	--	--	--
07/23/97	--	--	--	--	--	--	--	2.26	2.81	--	--	--	--	--	--
01/26/98	--	--	--	--	--	--	--	3.97	--	--	--	--	--	--	--
07/03/98	--	--	--	--	--	--	--	3.58	--	--	--	--	--	--	--
07/15/02	--	ND<0.5	--	--	--	ND<0.5	--	--	--	--	ND<0.5	ND<5.0	ND<1.0	ND<0.5	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--	--	--
MW-2															
01/03/96	--	--	--	--	--	--	--	--	1.80	97	--	--	--	--	27
04/10/96	--	--	--	--	--	--	--	--	5.88	--	--	--	--	--	58
07/09/96	--	--	--	--	--	--	--	--	0.71	--	--	--	--	--	--
01/24/97	--	--	--	--	--	--	--	--	2.37	--	--	--	--	--	--
07/23/97	--	--	--	--	--	--	--	1.40	0.97	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

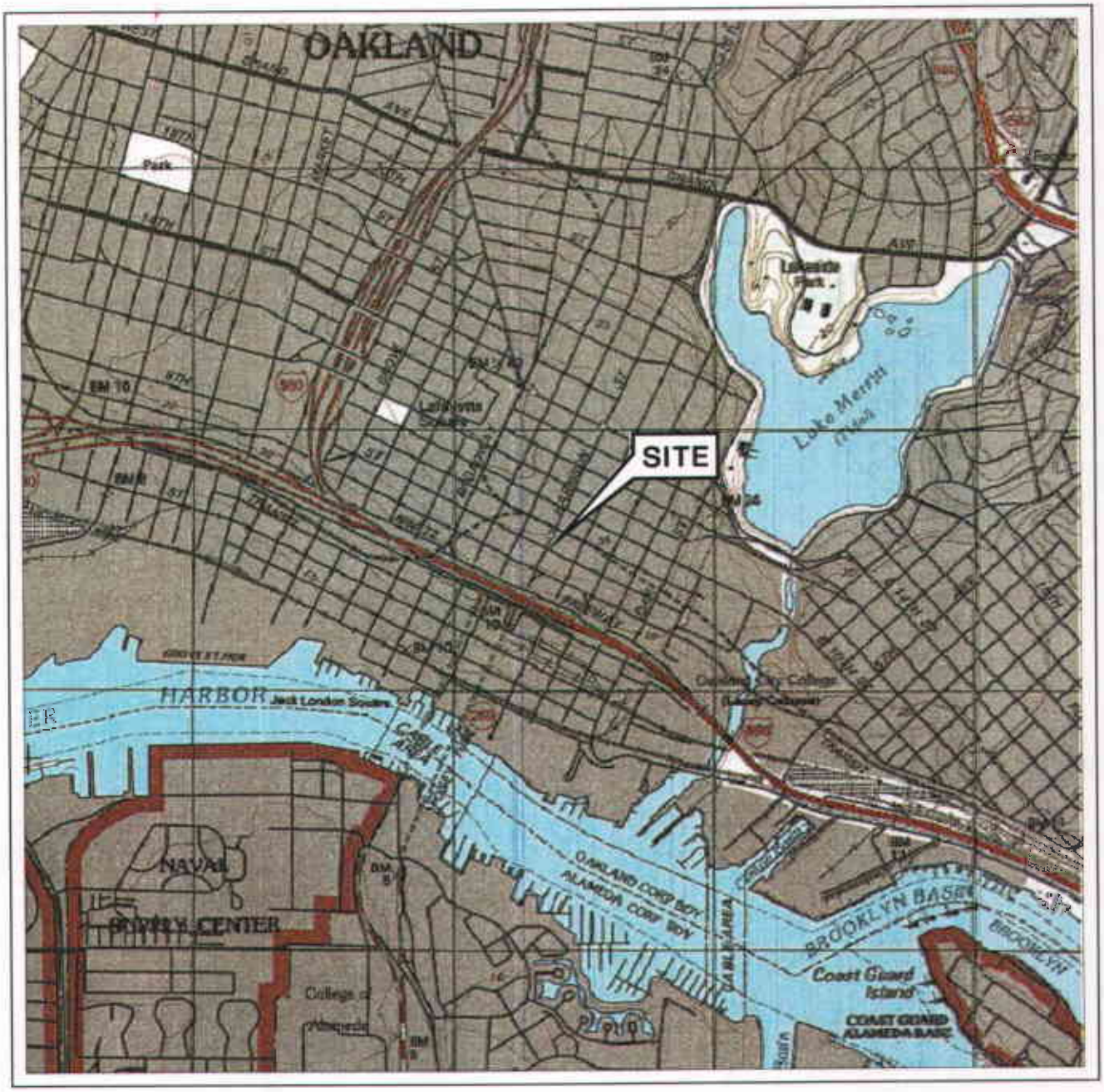
Date Sampled	TPH-D	EDC	PCE	Chloro-form	TCE	EDB	Total Lead	Pre-Purge DO	Post Purge DO	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Calcium
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-2 continued															
01/26/98	--	--	--	--	--	--	--	4.12	--	--	--	--	--	--	--
07/03/98	--	--	--	--	--	--	--	3.99	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-3															
01/03/96	--	--	--	--	--	--	--	--	1.50	16	--	--	--	--	43
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-4															
01/03/94	--	--	1.0	9.0	ND	--	--	--	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--	--	--
MW-5															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-6															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-7															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-8															
01/03/94	--	--	1.2	1.5	ND	--	--	--	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Mang	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	BOD	Nitrate	TOG	T-Iron	B-Alkalinity
	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1											
12/30/91	--	0.046	--	ND	ND	0.0078	--	--	ND	--	--
04/02/92	--	0.02	--	ND	ND	0.015	--	--	ND	--	--
06/30/92	--	0.087	--	0.1	ND	0.079	--	--	ND	--	--
04/10/96	2.6	--	--	--	--	--	--	--	--	15	160
07/15/02	--	--	ND<25	--	--	--	--	--	--	--	--
01/18/03	--	--		--	--	--	--	--	--	--	--
07/11/03	--	--	ND<25000	--	--	--	--	--	--	--	--
02/04/04	--	--	ND<50000	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<1000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--
MW-2											
01/03/96	3.0	--	--	--	--	--	2.2	0.22	--	77	130
04/10/96	7.0	--	--	--	--	--	--	--	--	60	460
07/11/03	--	--	ND<500	--	--	--	--	--	--	--	--
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--
MW-3											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<20000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<20000	--	--	--	--	--	--	--	--
MW-4											
02/04/04	--	--	ND<10000	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<1300	--	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Mang (mg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	BOD (mg/l)	Nitrate (mg/l)	TOG (mg/l)	T-Iron (mg/l)	B-Alkalinity (mg/l)
MW-5											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--
MW-6											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--
MW-7											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--
MW-8											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<250	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--



SOURCE:

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

TRC

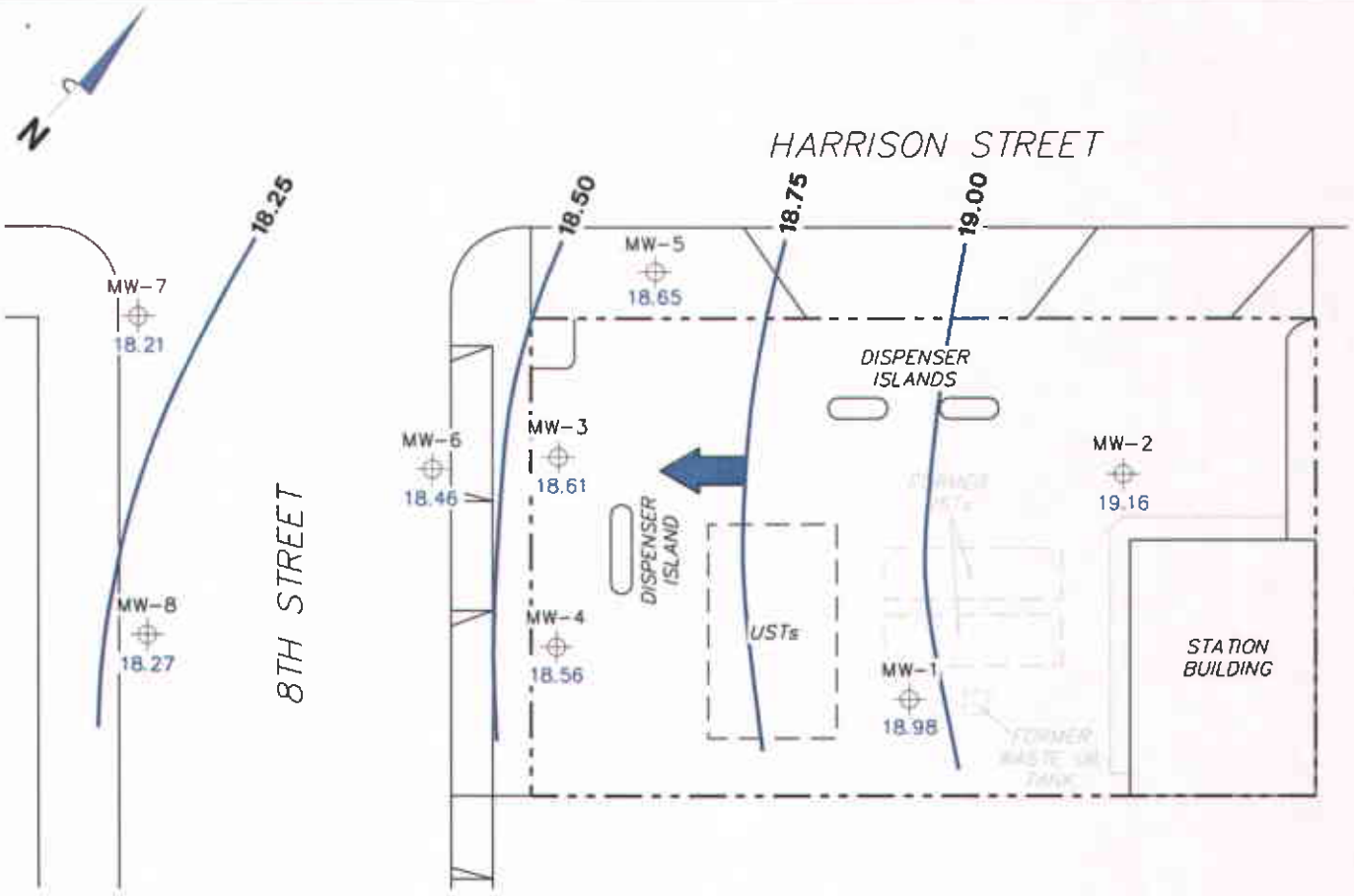
VICINITY MAP

76 Station 0752
800 Harrison Street
Oakland, California

FIGURE 1

PS = 1:1

Graphics on Irvine-fs1(L:)\VICINITY MAPS\0752vm.dwg 3/2/04 jrw



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)

19.00 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
March 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

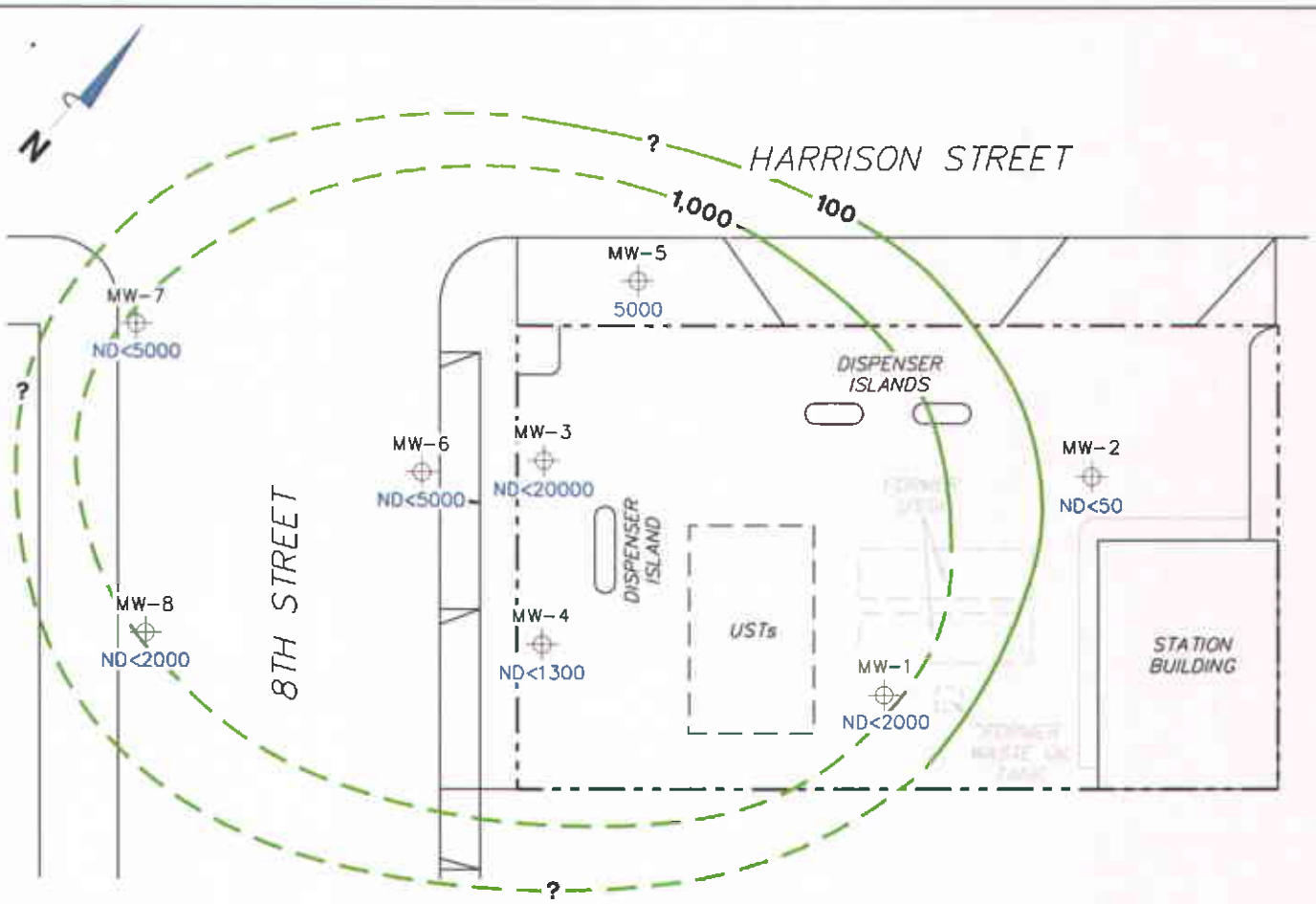
TRC

SCALE (FEET)
0 30

FIGURE 2

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalOMS)\x-0000\0752+\0752qms.dwg Apr 18, 2005 - 10:10am bschmidt



NOTES:

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

LEGEND

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

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

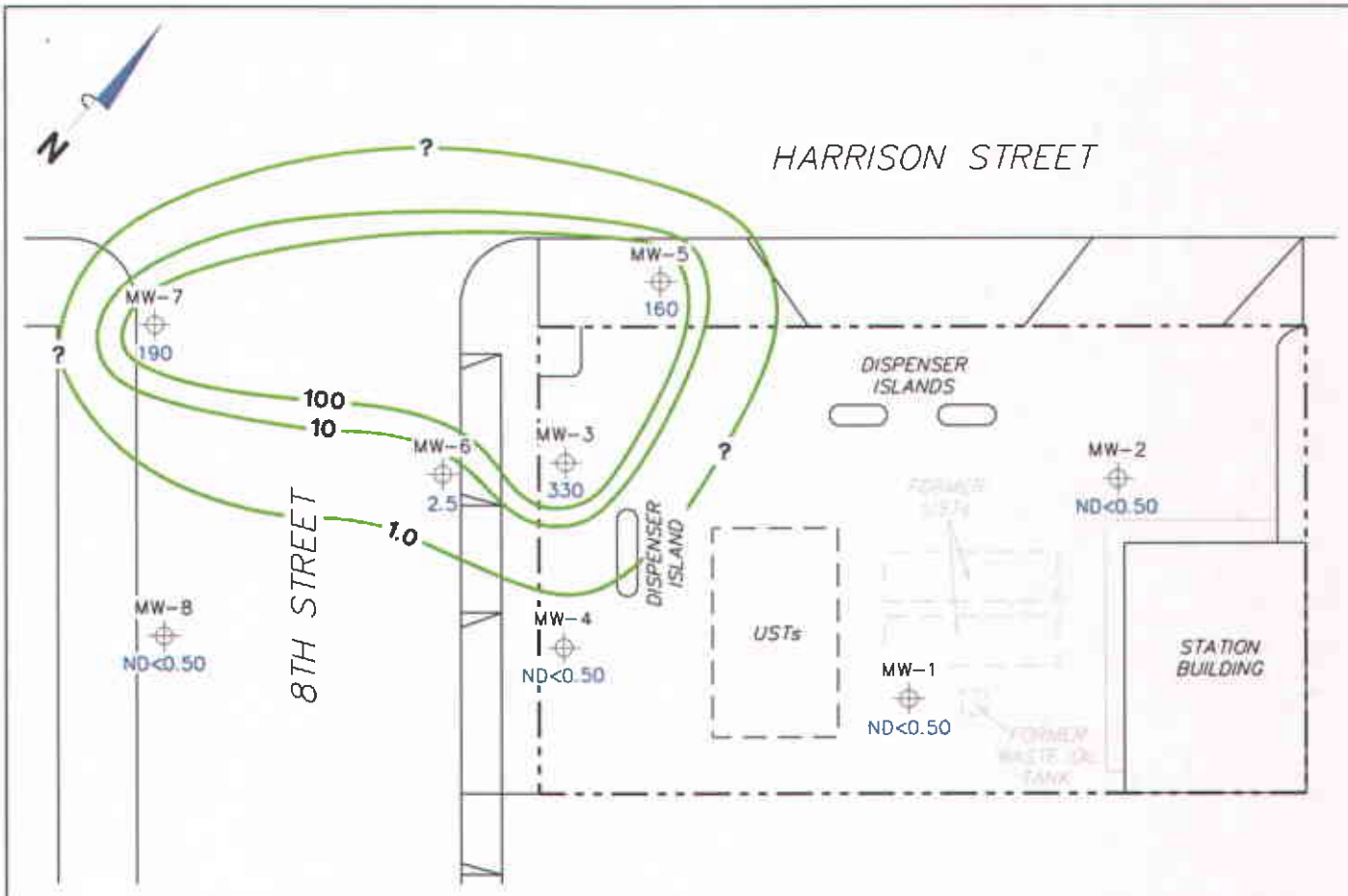
TRC

SCALE (FEET)
0 30

FIGURE 3

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+\0752qms.dwg Apr 18, 2005 - 10:43am 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.

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 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

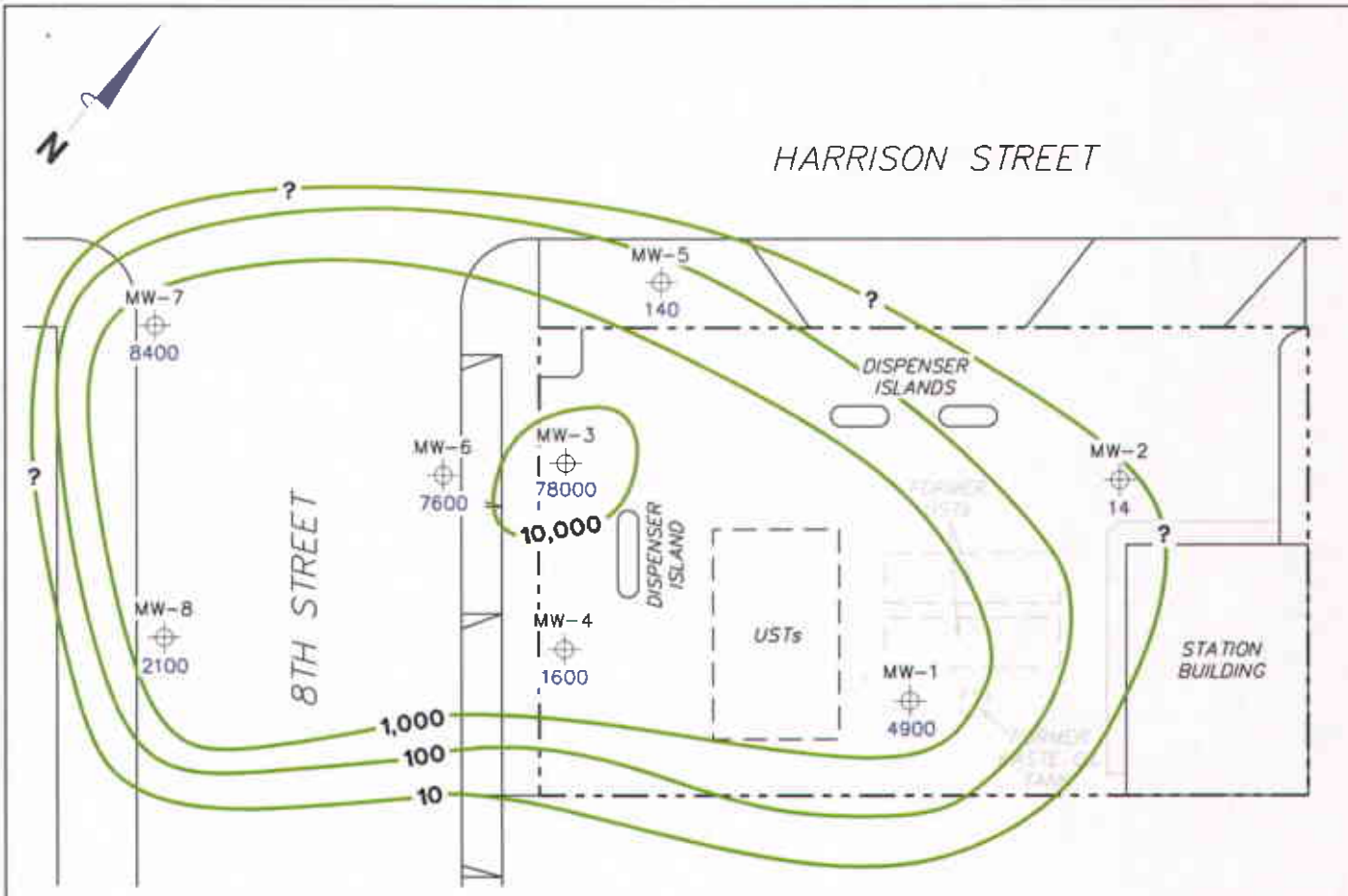
TRC

SCALE (FEET)
0 30

FIGURE 4

PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\0752+\0752qms.dwg Apr 18, 2005 - 11:14am 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)

10,000 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 31, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

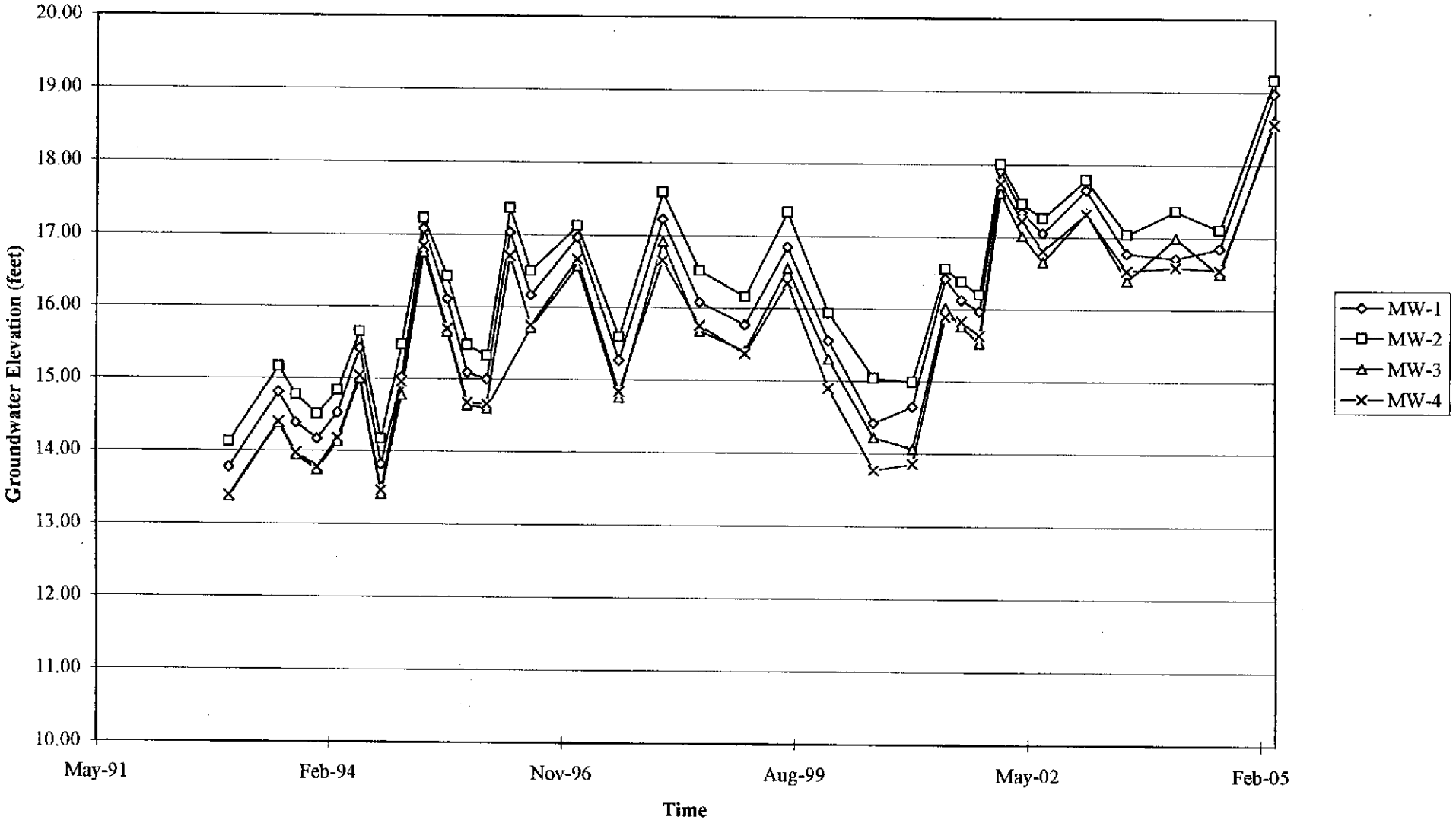
SCALE (FEET)
0 30

FIGURE 5

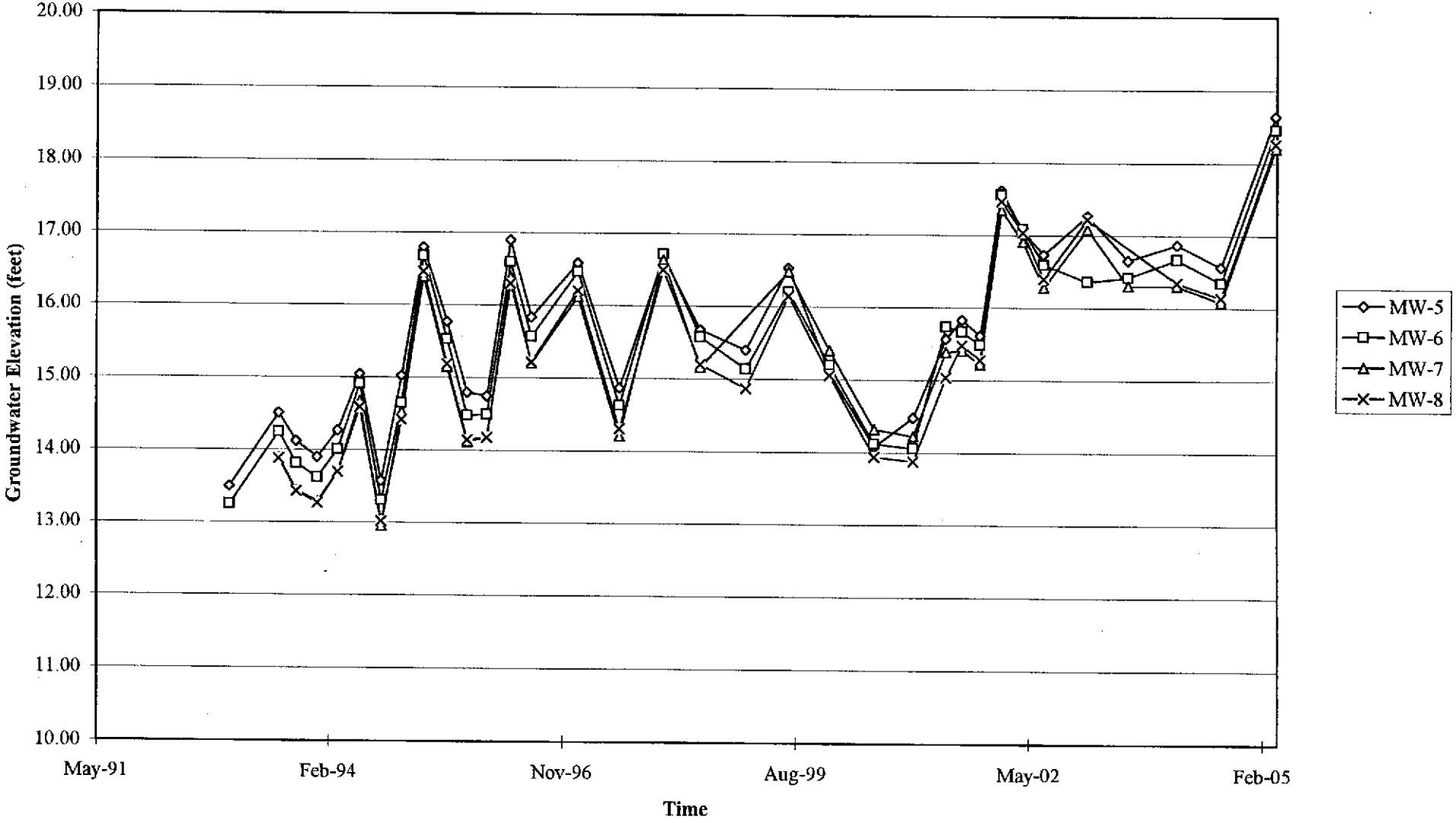
PS=1:1 0752-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalOMS)\x-0000\0752+\0752gms.dwg Apr 18, 2005 - 12:21pm bschmidt

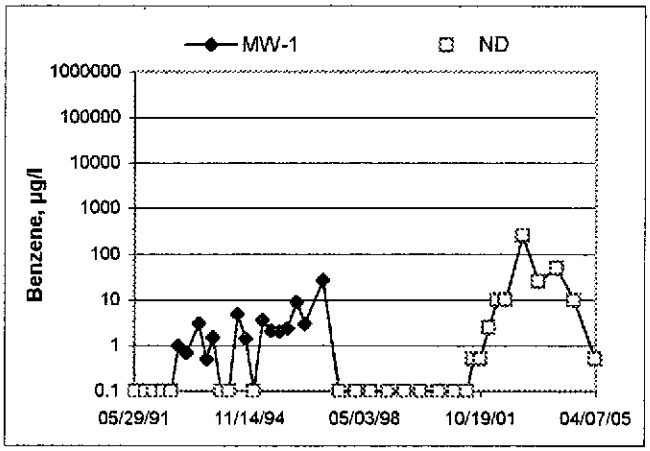
Groundwater Elevations vs. Time
76 Station 0752

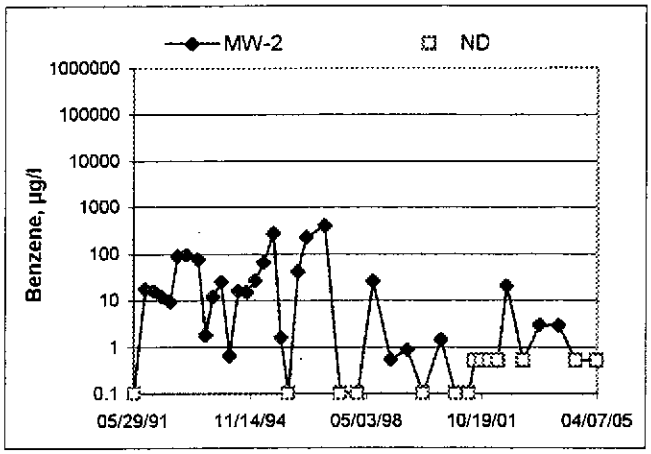


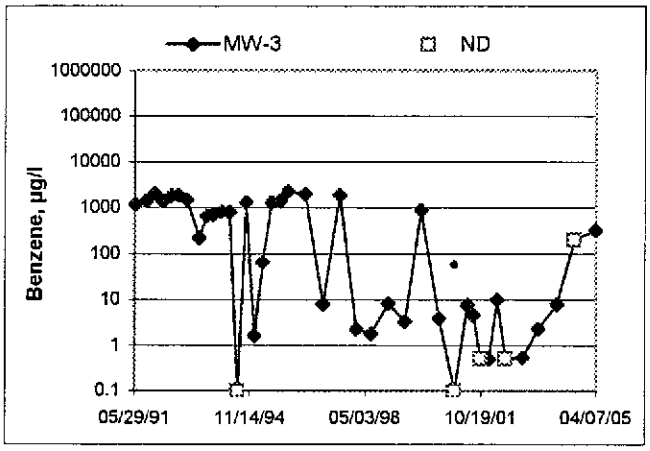
Groundwater Elevations vs. Time
76 Station 0752

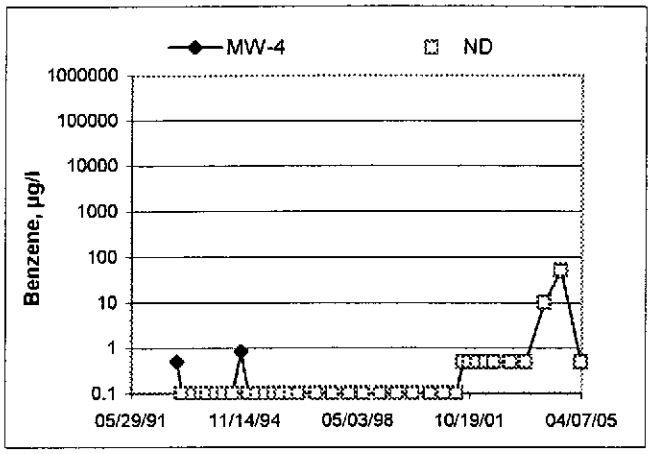


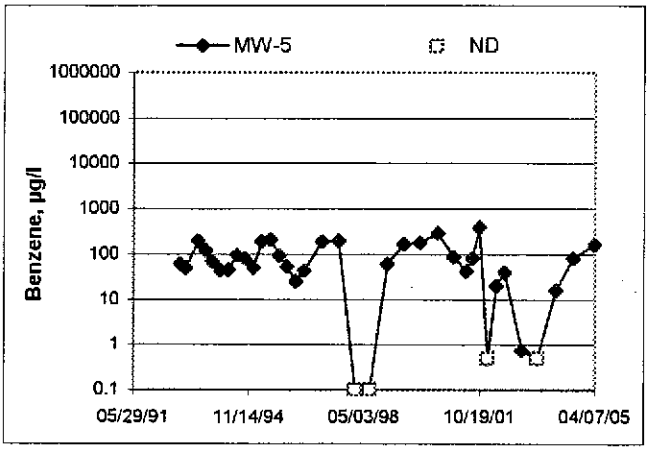
Benzene Concentrations vs Time
76 Station 0752

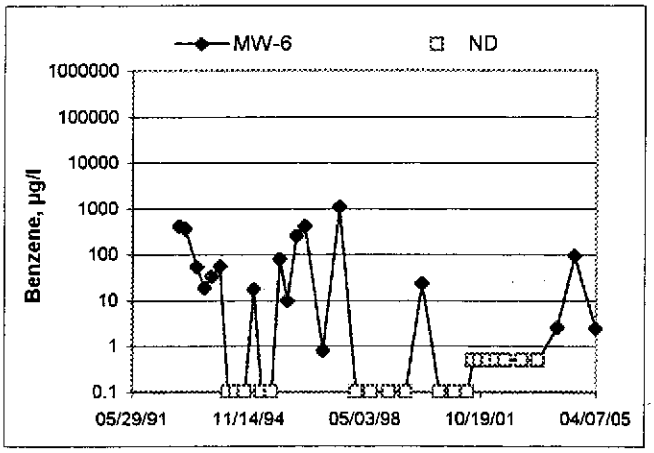


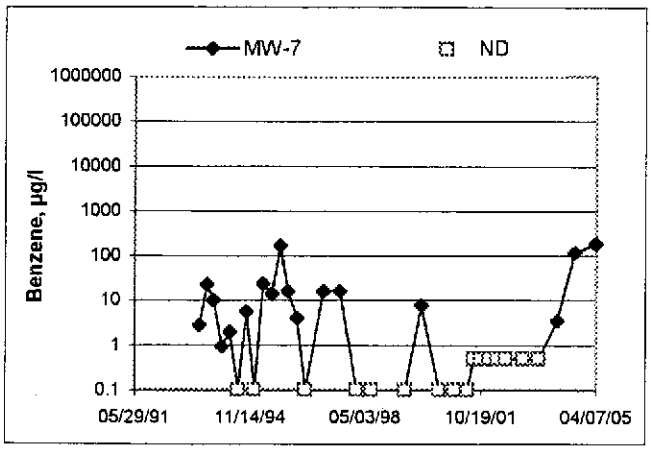


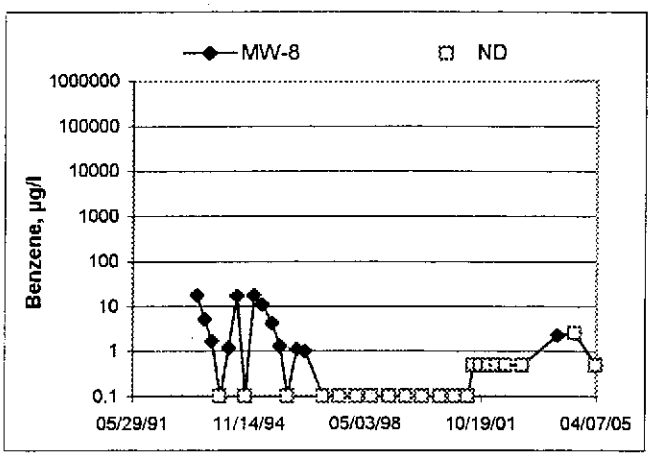












GENERAL FIELD PROCEDURES

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 (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

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

Purging and Groundwater Parameter Measurement

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

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement 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, and the samplers 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 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 well 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 well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Anthony Job #/Task #: 41054001/FA20 Date: 3-31-05

Site # 0752 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
mw-2	✓	0421	30.36	15.56	~~6~~	~~6~~	0632	2"
mw-8	✓	0505	28.49	13.73	~~6~~	~~6~~	0557	2" street well
mw-1	✓	0426	33.44	15.71	~~6~~	~~6~~	0648	2"
mw-4	✓	0432	32.21	14.15	~~6~~	~~6~~	0706	2"
mw-3	✓	0439	30.54	14.53	~~6~~	~~6~~	0720	2"
mw-5	✓	0448	31.72	14.30	~~6~~	~~6~~	0736	2"
mw-6	✓	0455	30.93	13.70	~~6~~	~~6~~	0757	2" street well
mw-7	✓	0510	31.66	13.99	~~6~~	~~6~~	0614	2" street well

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0752 Project No.: 411050001 Date: 3-31-05

Well No.: MW-8
Purge Method: Disp
Depth to Water (feet): 13.73
Depth to Product (feet): —
Total Depth (feet): 28.49
LPH & Water Recovered (gallons): —
Water Column (feet): 14.76
Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 16.68
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0547			3	545	17.1	6.51		
			6	516	17.4	6.47		
	0551		9	481	18.8	6.47		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.90	9	0557

Comments:

Well No.: MW-7
Purge Method: Disp
Depth to Water (feet): 13.99
Depth to Product (feet): —
Total Depth (feet): 31.66
LPH & Water Recovered (gallons): —
Water Column (feet): 17.67
Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 17.52
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0606			3	393	17.9	6.73		
			6	421	18.4	6.70		
	0609		9	435	18.9	6.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
1461	9	0614

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0752 Project No.: 41050001 Date: 3-31-05

Well No.: MW-2 Purge Method: D.a

Depth to Water (feet): 15.56 Depth to Product (feet): 0

Total Depth (feet): 30.36 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.80 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 18.52 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0625			3	802	17.2	6.51		
			6	794	17.8	6.44		
	0628		9	805	18.3	6.47		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.03	9	0632

Comments:

Well No.: MW-1 Purge Method: D.a

Depth to Water (feet): 15.71 Depth to Product (feet): 0

Total Depth (feet): 33.44 LPH & Water Recovered (gallons): 0

Water Column (feet): 17.73 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 19.26 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0639			3	896	16.8	6.58		
			6	829	17.2	6.60		
	0643		9	669	18.1	6.61		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.11	9	0648

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0752 Project No.: 41050001 Date: 3-31-05

Well No.: MW-4
Depth to Water (feet): 14.15
Total Depth (feet): 32.21
Water Column (feet): 18.06
80% Recharge Depth (feet): 17.76

Purge Method: D.C.
Depth to Product (feet): ~~0~~
LPH & Water Recovered (gallons): ~~0~~
Casing Diameter (inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F)	pH	Turbidity	D.O.
0650			3	432	17.8	6.42		
			6	436	18.2	6.37		
	0701		9	408	18.7	6.36		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.32	9	0706

Comments:

Well No.: MW-3
Depth to Water (feet): 14.53
Total Depth (feet): 30.54
Water Column (feet): 16.01
80% Recharge Depth (feet): 17.73

Purge Method: D.C.
Depth to Product (feet): ~~0~~
LPH & Water Recovered (gallons): ~~0~~
Casing Diameter (inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F)	pH	Turbidity	D.O.
0712			3	685	17.8	6.64		
			6	687	18.0	6.63		
	0716		9	547	18.9	6.62		

Static at Time Sampled	Total Gallons Purged	Time Sampled
15.09	9	0720

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0752 Project No.: 41050001 Date: 3-31-05

Well No.: MW-5
Depth to Water (feet): 14.30
Total Depth (feet): 31.72
Water Column (feet): 17.42
80% Recharge Depth (feet): 17.78

Purge Method: Dec
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0728			3	352	18.6	6.72		
			6	342	19.1	671		
	0732		9	269	19.4	6.74		

Static at Time Sampled		Total Gallons Purged	Time Sampled
14.83		9	0736

Comments:

Well No.: MW-6
Depth to Water (feet): 13.70
Total Depth (feet): 30.93
Water Column (feet): 17.23
80% Recharge Depth (feet): 17.15

Purge Method: Dec
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0746			3	236	18.7	6.89		
			6	220	19.1	6.83		
	0750		9	216	193	6.78		

Static at Time Sampled		Total Gallons Purged	Time Sampled
13.85		9	0757

Comments:

SEVERN TRENT STL

Submission#: 2005-04-0039

TRC Alton Geoscience- Irvine

April 15, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips #0752
Site: 800 Harrison St Oakland

Attached is our report for your samples received on 03/31/2005 15:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/15/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2005-04-0039

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	03/31/2005 06:32	Water	1
MW-8	03/31/2005 05:57	Water	2
MW-1	03/31/2005 06:48	Water	3
MW-4	03/31/2005 07:06	Water	4
MW-3	03/31/2005 07:20	Water	5
MW-5	03/31/2005 07:36	Water	6
MW-6	03/31/2005 07:57	Water	7
MW-7	03/31/2005 06:14	Water	8

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-2**	Lab ID:	2005-04-0039 - 1
Sampled:	03/31/2005 06:32	Extracted:	4/9/2005 00:54
Matrix:	Water	QC Batch#:	2005/04/08-2A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/09/2005 00:54	Q6
Benzene	ND	0.50	ug/L	1.00	04/09/2005 00:54	
Toluene	ND	0.50	ug/L	1.00	04/09/2005 00:54	
Ethylbenzene	ND	0.50	ug/L	1.00	04/09/2005 00:54	
Total xylenes	ND	1.0	ug/L	1.00	04/09/2005 00:54	
Methyl tert-butyl ether (MTBE)	14	0.50	ug/L	1.00	04/09/2005 00:54	
Ethanol	ND	50	ug/L	1.00	04/09/2005 00:54	
Surrogate(s)						
1,2-Dichloroethane-d4	123.5	73-130	%	1.00	04/09/2005 00:54	
Toluene-d8	97.4	81-114	%	1.00	04/09/2005 00:54	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-8**	Lab ID:	2005-04-0039 - 2
Sampled:	03/31/2005 05:57	Extracted:	4/14/2005 14:36 4/14/2005 21:39
Matrix:	Water	QC Batch#:	2005/04/14-1A.64 2005/04/14-4A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	2000	ug/L	40.00	04/14/2005 14:36	
Benzene	ND	0.50	ug/L	1.00	04/14/2005 21:39	
Toluene	ND	0.50	ug/L	1.00	04/14/2005 21:39	
Ethylbenzene	ND	0.50	ug/L	1.00	04/14/2005 21:39	
Total xylenes	ND	1.0	ug/L	1.00	04/14/2005 21:39	
Methyl tert-butyl ether (MTBE)	2100	20	ug/L	40.00	04/14/2005 14:36	
Ethanol	ND	2000	ug/L	40.00	04/14/2005 14:36	
Surrogate(s)						
1,2-Dichloroethane-d4	94.8	73-130	%	40.00	04/14/2005 14:36	
1,2-Dichloroethane-d4	102.7	73-130	%	1.00	04/14/2005 21:39	
Toluene-d8	99.8	81-114	%	40.00	04/14/2005 14:36	
Toluene-d8	91.0	81-114	%	1.00	04/14/2005 21:39	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2005-04-0039 - 3
Sampled:	03/31/2005 06:48	Extracted:	4/14/2005 14:58 4/14/2005 21:19
Matrix:	Water	QC Batch#:	2005/04/14-1A.64 2005/04/14-4A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	2000	ug/L	40.00	04/14/2005 14:58	
Benzene	ND	0.50	ug/L	1.00	04/14/2005 21:19	
Toluene	ND	0.50	ug/L	1.00	04/14/2005 21:19	
Ethylbenzene	0.54	0.50	ug/L	1.00	04/14/2005 21:19	
Total xylenes	2.2	1.0	ug/L	1.00	04/14/2005 21:19	
Methyl tert-butyl ether (MTBE)	4900	20	ug/L	40.00	04/14/2005 14:58	
Ethanol	ND	2000	ug/L	40.00	04/14/2005 14:58	
Surrogate(s)						
1,2-Dichloroethane-d4	96.6	73-130	%	40.00	04/14/2005 14:58	
1,2-Dichloroethane-d4	111.7	73-130	%	1.00	04/14/2005 21:19	
Toluene-d8	101.7	81-114	%	40.00	04/14/2005 14:58	
Toluene-d8	92.7	81-114	%	1.00	04/14/2005 21:19	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-4**	Lab ID:	2005-04-0039 - 4
Sampled:	03/31/2005 07:06	Extracted:	4/14/2005 15:19 4/14/2005 21:00
Matrix:	Water	QC Batch#:	2005/04/14-1A.64 2005/04/14-4A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	1300	ug/L	25.00	04/14/2005 15:19	
Benzene	ND	0.50	ug/L	1.00	04/14/2005 21:00	
Toluene	ND	0.50	ug/L	1.00	04/14/2005 21:00	
Ethylbenzene	ND	0.50	ug/L	1.00	04/14/2005 21:00	
Total xylenes	ND	1.0	ug/L	1.00	04/14/2005 21:00	
Methyl tert-butyl ether (MTBE)	1600	13	ug/L	25.00	04/14/2005 15:19	
Ethanol	ND	1300	ug/L	25.00	04/14/2005 15:19	
Surrogate(s)						
1,2-Dichloroethane-d4	107.2	73-130	%	1.00	04/14/2005 21:00	
1,2-Dichloroethane-d4	94.2	73-130	%	25.00	04/14/2005 15:19	
Toluene-d8	97.9	81-114	%	25.00	04/14/2005 15:19	
Toluene-d8	90.8	81-114	%	1.00	04/14/2005 21:00	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-04-0039 - 5
Sampled:	03/31/2005 07:20	Extracted:	4/9/2005 02:21
Matrix:	Water	QC Batch#:	2005/04/08-2A.64

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	20000	ug/L	400.00	04/09/2005 02:21	
Benzene	330	200	ug/L	400.00	04/09/2005 02:21	
Toluene	ND	200	ug/L	400.00	04/09/2005 02:21	
Ethylbenzene	ND	200	ug/L	400.00	04/09/2005 02:21	
Total xylenes	ND	400	ug/L	400.00	04/09/2005 02:21	
Methyl tert-butyl ether (MTBE)	78000	200	ug/L	400.00	04/09/2005 02:21	
Ethanol	ND	20000	ug/L	400.00	04/09/2005 02:21	
Surrogate(s)						
1,2-Dichloroethane-d4	115.3	73-130	%	400.00	04/09/2005 02:21	
Toluene-d8	95.6	81-114	%	400.00	04/09/2005 02:21	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2005-04-0039 - 6
Sampled:	03/31/2005 07:36	Extracted:	4/9/2005 02:42
Matrix:	Water	QC Batch#:	2005/04/08-2A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	5000	50	ug/L	1.00	04/09/2005 02:42	
Benzene	160	0.50	ug/L	1.00	04/09/2005 02:42	
Toluene	84	0.50	ug/L	1.00	04/09/2005 02:42	
Ethylbenzene	65	0.50	ug/L	1.00	04/09/2005 02:42	
Total xylenes	72	1.0	ug/L	1.00	04/09/2005 02:42	
Methyl tert-butyl ether (MTBE)	140	0.50	ug/L	1.00	04/09/2005 02:42	
Ethanol	ND	50	ug/L	1.00	04/09/2005 02:42	
Surrogate(s)						
1,2-Dichloroethane-d4	119.7	73-130	%	1.00	04/09/2005 02:42	
Toluene-d8	98.7	81-114	%	1.00	04/09/2005 02:42	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-6**	Lab ID:	2005-04-0039 - 7
Sampled:	03/31/2005 07:57	Extracted:	4/9/2005 03:04 4/14/2005 21:58
Matrix:	Water	QC Batch#:	2005/04/08-2E.64 2005/04/14-4A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	5000	ug/L	100.00	04/09/2005 03:04	
Benzene	2.5	0.50	ug/L	1.00	04/14/2005 21:58	
Toluene	ND	0.50	ug/L	1.00	04/14/2005 21:58	
Ethylbenzene	ND	0.50	ug/L	1.00	04/14/2005 21:58	
Total xylenes	ND	1.0	ug/L	1.00	04/14/2005 21:58	
Methyl tert-butyl ether (MTBE)	7600	50	ug/L	100.00	04/09/2005 03:04	
Ethanol	ND	5000	ug/L	100.00	04/09/2005 03:04	
Surrogate(s)						
1,2-Dichloroethane-d4	85.4	73-130	%	1.00	04/14/2005 21:58	
1,2-Dichloroethane-d4	119.6	73-130	%	100.00	04/09/2005 03:04	
Toluene-d8	94.8	81-114	%	100.00	04/09/2005 03:04	
Toluene-d8	87.5	81-114	%	1.00	04/14/2005 21:58	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-7**	Lab ID:	2005-04-0039 - 8
Sampled:	03/31/2005 06:14	Extracted:	4/9/2005 03:25
Matrix:	Water	QC Batch#:	2005/04/08-2A.64

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	5000	ug/L	100.00	04/09/2005 03:25	
Benzene	190	50	ug/L	100.00	04/09/2005 03:25	
Toluene	ND	50	ug/L	100.00	04/09/2005 03:25	
Ethylbenzene	ND	50	ug/L	100.00	04/09/2005 03:25	
Total xylenes	ND	100	ug/L	100.00	04/09/2005 03:25	
Methyl tert-butyl ether (MTBE)	8400	50	ug/L	100.00	04/09/2005 03:25	
Ethanol	ND	5000	ug/L	100.00	04/09/2005 03:25	
Surrogate(s)						
1,2-Dichloroethane-d4	121.7	73-130	%	100.00	04/09/2005 03:25	
Toluene-d8	103.4	81-114	%	100.00	04/09/2005 03:25	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/08-2A.64**

MB: 2005/04/08-2A.64-045 — Date Extracted: 04/08/2005 19:45

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/08/2005 19:45	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/08/2005 19:45	
Benzene	ND	0.5	ug/L	04/08/2005 19:45	
Toluene	ND	0.5	ug/L	04/08/2005 19:45	
Ethylbenzene	ND	0.5	ug/L	04/08/2005 19:45	
Total xylenes	ND	1.0	ug/L	04/08/2005 19:45	
Ethanol	ND	50	ug/L	04/08/2005 19:45	
Surrogates(s)					
1,2-Dichloroethane-d4	109.6	73-130	%	04/08/2005 19:45	
Toluene-d8	98.0	81-114	%	04/08/2005 19:45	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/08-2E.64**

MB: 2005/04/08-2E.64-045 — Date Extracted: 04/08/2005 19:45

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/08/2005 19:45	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/08/2005 19:45	
Benzene	ND	0.5	ug/L	04/08/2005 19:45	
Toluene	ND	0.5	ug/L	04/08/2005 19:45	
Ethylbenzene	ND	0.5	ug/L	04/08/2005 19:45	
Total xylenes	ND	1.0	ug/L	04/08/2005 19:45	
Ethanol	ND	50	ug/L	04/08/2005 19:45	
Surrogates(s)					
1,2-Dichloroethane-d4	109.6	73-130	%	04/08/2005 19:45	
Toluene-d8	98.0	81-114	%	04/08/2005 19:45	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/14-1A.64**

MB: 2005/04/14-1A.64-013 — Date Extracted: 04/14/2005 11:13

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/14/2005 11:13	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/14/2005 11:13	
Benzene	ND	0.5	ug/L	04/14/2005 11:13	
Toluene	ND	0.5	ug/L	04/14/2005 11:13	
Ethylbenzene	ND	0.5	ug/L	04/14/2005 11:13	
Total xylenes	ND	1.0	ug/L	04/14/2005 11:13	
Ethanol	ND	50	ug/L	04/14/2005 11:13	
Surrogates(s)					
1,2-Dichloroethane-d4	95.2	73-130	%	04/14/2005 11:13	
Toluene-d8	105.8	81-114	%	04/14/2005 11:13	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/14-4A.69**

MB: 2005/04/14-4A.69-052 — Date Extracted: 04/14/2005 18:52

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/14/2005 18:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/14/2005 18:52	
Benzene	ND	0.5	ug/L	04/14/2005 18:52	
Toluene	ND	0.5	ug/L	04/14/2005 18:52	
Ethylbenzene	ND	0.5	ug/L	04/14/2005 18:52	
Total xylenes	ND	1.0	ug/L	04/14/2005 18:52	
Ethanol	ND	50	ug/L	04/14/2005 18:52	
Surrogates(s)					
1,2-Dichloroethane-d4	84.4	73-130	%	04/14/2005 18:52	
Toluene-d8	85.8	81-114	%	04/14/2005 18:52	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/04/08-2A.64**

LCS 2005/04/08-2A.64-047 Extracted: 04/08/2005 Analyzed: 04/08/2005 18:47
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.1		25	92.4			65-165	20		
Benzene	23.4		25	93.6			69-129	20		
Toluene	22.3		25	89.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	531		500	106.2			73-130			
Toluene-d8	510		500	102.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/04/08-2E.64**

LCS 2005/04/08-2E.64-047 | Extracted: 04/08/2005 | Analyzed: 04/08/2005 18:47

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.1		25	92.4			65-165	20		
Benzene	23.4		25	93.6			69-129	20		
Toluene	22.3		25	89.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	531		500	106.2			73-130			
Toluene-d8	510		500	102.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/04/14-1A.64**

LCS 2005/04/14-1A.64-051 Extracted: 04/14/2005 Analyzed: 04/14/2005 10:51
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.0		25	108.0			65-165	20		
Benzene	27.4		25	109.6			69-129	20		
Toluene	28.8		25	115.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468		500	93.6			73-130			
Toluene-d8	501		500	100.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/04/14-4A.69**

LCS 2005/04/14-4A.69-033 Extracted: 04/14/2005 Analyzed: 04/14/2005 18:33
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.8		25	87.2			65-165	20		
Benzene	23.8		25	95.2			69-129	20		
Toluene	24.9		25	99.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	379		500	75.8			73-130			
Toluene-d8	431		500	86.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/04/08-2A.64**

MS/MSD

Lab ID: 2005-04-0067 - 004

MS: 2005/04/08-2A.64-034 Extracted: 04/08/2005 Analyzed: 04/08/2005 20:34

Dilution: 1.00

MSD: 2005/04/08-2A.64-056 Extracted: 04/08/2005 Analyzed: 04/08/2005 20:56

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	29.8	31.3	ND	25	119.2	125.2	4.9	65-165	20		
Benzene	24.4	28.1	ND	25	97.6	112.4	14.1	69-129	20		
Toluene	23.7	25.5	ND	25	94.8	102.0	7.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	584	579		500	116.8	115.8		73-130			
Toluene-d8	479	493		500	95.7	98.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/04/08-2E.64**

MS/MSD — Lab ID: 2005-04-0067 - 004

MS: 2005/04/08-2E.64-034 — Extracted: 04/08/2005 — Analyzed: 04/08/2005 20:34 — Dilution: 1.00

MSD: 2005/04/08-2E.64-056 — Extracted: 04/08/2005 — Analyzed: 04/08/2005 20:56 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	29.8	31.3	ND	25	119.2	125.2	4.9	65-165	20		
Benzene	24.4	28.1	ND	25	97.6	112.4	14.1	69-129	20		
Toluene	23.7	25.5	ND	25	94.8	102.0	7.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	584	579		500	116.8	115.7		73-130			
Toluene-d8	479	493		500	95.7	98.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/04/14-1A.64**

MS/MSD

Lab ID: 2005-04-0134 - 001

MS: 2005/04/14-1A.64-005 Extracted: 04/14/2005 Analyzed: 04/14/2005 12:05

Dilution: 1.00

MSD: 2005/04/14-1A.64-026 Extracted: 04/14/2005 Analyzed: 04/14/2005 12:26

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.4	26.1	ND	25	105.6	104.4	1.1	65-165	20		
Benzene	25.3	25.0	ND	25	101.2	100.0	1.2	69-129	20		
Toluene	26.2	26.9	ND	25	104.8	107.6	2.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	470	460		500	94.0	92.0		73-130			
Toluene-d8	488	497		500	97.6	99.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/04/14-4A.69**

MS/MSD — Lab ID: 2005-04-0152 - 003

MS: 2005/04/14-4A.69-043 — Extracted: 04/14/2005 — Analyzed: 04/14/2005 19:43 — Dilution: 1.00

MSD: 2005/04/14-4A.69-003 — Extracted: 04/14/2005 — Analyzed: 04/14/2005 20:03 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	25.2	26.9	ND	25	100.8	107.6	6.5	65-165	20		
Benzene	24.5	28.4	ND	25	98.0	113.6	14.7	69-129	20		
Toluene	25.2	28.5	ND	25	100.8	114.0	12.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	415	414		500	82.9	82.8		73-130			
Toluene-d8	435	443		500	87.1	88.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #0752

Received: 03/31/2005 15:40

Site: 800 Harrison St Oakland

Legend and Notes

Sample Comment

Lab ID: 2005-04-0039 -1

Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, concentration would be 82 ug/L.

Analysis Flag

L2

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

Result Flag

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

2005-04-0039

113781

ConocoPhillips Chain Of Custody Record

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA 92704

ConocoPhillips Work Order Number: 10B6TRC501

ConocoPhillips Cost Object:

DATE: 3-31-05

PAGE: 1 of 1

Sampling Company: TRC		ConocoPhillips Site Number: 0752
Address: 21 Technology Drive, Irvine CA 92618		Global ID: T0600101486
Project Contact: Anju Farfan		Site Address: 800 Harrison St Oakland
Telephone: 949-341-7443	Fax: 949-753-0111	E-mail: afarfan@trcsolutions.com
EDF Deliverable To: Peter Thomson, TRC, pthomson@trcsolutions.com	Phone: 949-341-7408	ConocoPhillips Site Manager: Thomas H. Kosel
Sampler Name(s): Anthony	Consultant Project Number: 41050001FA30	Lab Use Only

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☒

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

Lab Use Only	Sample Identification/Field Point Name*	Sampling Date	Sampling Time	Matrix	No. of Cont.	8015M - TPHd Extractable	8260B - TPHg/BTEX/MTBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 Oxygenates + Ethanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-volatiles	8015M / 8021B - TPHg/BTEX/MTBE	Lead ☐Total ☐STLC ☐TCLP	TPH by 8260B	BTEX/MTBE/Ethanol by 8260B		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
1	MW-2	3-31	0652	GW	3									X	X		3 voas w/ HCL
2	MW-8	↓	0557	↓	↓									↓	↓		↓
3	MW-1		0616														
4	MW-4		0702														
5	MW-3		0726														
6	MW-5		0736														
7	MW-6		0757														
8	MW-7	↓	0819	↓	↓									↓	↓		↓

TEMPERATURE ON RECEIPT °C: 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	refrigerator	3-31-05	0910
[signature]	[signature]	3-31-05	1000
[signature]	[signature]	3-31-05	1540

STATEMENTS

Purge Water Disposal

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

Limitations

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