R0361

TRC

Customer-Focused Solutions

July 16, 2004 TRC Project No. 42018401

Mr. Scott Seery
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: Quarterly Status Report - First Quarter 2004
76 Service Station #7376, 4191 First Street, Pleasanton, California
Alameda County

Dear Mr. Seery:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2004 Quarterly Status Report for the subject site, shown on the attached Figure 3.

PREVIOUS ASSESSMENTS

The subject site is an operating service station located on the north corner of the intersection of First Street and Ray Street in Pleasanton, California. The site is bounded to the northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes.

The site was developed in 1899 as a warehouse to store grain and hay (Amador-Livermore Valley Historical Society, 1994). According to a Sanborn map, an "in-ground" storage tank for oil was installed on-site in 1907. A service station was first constructed on the site in 1976 (Enviros, 1995). Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site (PFD, 1988). The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site.

June 1987: Three exploratory soil borings were advanced to depths ranging from 46.5 to 55 feet below ground surface (bgs). Soil samples contained low to moderate maximum levels of petroleum hydrocarbons. Groundwater was not encountered.

August 1987: Another soil boring was advanced to a depth of 66.5 feet bgs. Low to moderate levels of petroleum hydrocarbons were detected in a soil sample collected at 35 feet bgs. Groundwater was not encountered.

December 1987: Three monitoring wells were installed to a depth of 96.5 feet bgs. Maximum petroleum hydrocarbon levels in soils samples generally declined from low to moderate to low with increasing depth.

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

December 1987: Four 12,000-gallon Underground storage tanks (USTs) were replaced with two 12,000-gallon double-walled USTs. An unknown volume of hydrocarbon-impacted soil was reportedly removed and transported to a Class I facility.

September 1994: A dispenser and product piping upgrade was performed with confirmation sampling. Overexcavation was performed in the area of two soil samples with elevated hydrocarbon concentrations.

February 1995: Well MW-2 was destroyed because asphalt tar entered the well during repaving. It was replaced by MW-2B. Soil boring EB-1 was advanced to a total depth of 66 feet bgs. Twenty-nine soil samples were collected during drilling and submitted for analysis.

July 1996: Three monitoring wells were installed to depths of 73.5 to 93 feet bgs. Two were installed offsite on the former Southern Pacific Railroad right-of-way. A total of forty-seven soil samples were collected from the well borings and analyzed for total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethyl benzene and xylenes (BTEX). Fuel fingerprinting was also conducted. Petroleum hydrocarbon concentrations in the range of total petroleum hydrocarbons as diesel (TPH-d), kerosene, motor oil, and unidentified extractable hydrocarbons were also identified in the samples.

June 1997: Free product was found in well MW-5 during quarterly monitoring activities.

December 1997: Entrix Inc. performed a forensic geochemical analysis was performed on free product extracted from well MW-5. The free product was probably composed of a mixture of over 50% refined gasoline and heavier hydrocarbons. The gasoline constituents appeared to be relatively fresh according to Entrix Inc. The heavier hydrocarbon mixture had a carbon distribution ranging from about C13 to C33. This distribution is similar in nature to a very weathered crude oil or Bunker C fuel, not refined petroleum products such as diesel #2, motor oil, lube oil, etc. (Entrix, 1997).

June/August 1998: Five onsite soil borings were advanced and two offsite down gradient monitoring wells were installed. A total of forty soil samples were collected and analyzed for petroleum hydrocarbons. In addition, two soil samples containing visible free product were collected from boring B-11 (near the former UST excavation) at 10.5 and 61 feet bgs and submitted for hydrocarbon fingerprinting. The results of these analyses indicated that the free product from both samples was composed of approximately 90% highly to severely weathered semi-volatile and high boiling components identified as crude oil and 10% of slightly weathered gasoline.

October-November 2000: One offsite soil boring (B-13) was advanced and two offsite monitoring wells were installed.

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

SENSITIVE RECEPTORS

January 1988: A well survey was performed by reviewing Alameda County Flood Control and Water Conversation District - Zone 7 (Zone 7) files. Five water wells and two cathodic protection wells were identified within a ½-mile of the site. Four of the five water wells are domestic wells and the fifth appears to be a monitoring well.

The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

MONITORING AND SAMPLING

Groundwater has been monitored on a quarterly basis since December 1994. Depth to groundwater has fluctuated from approximately 50 to 87 feet bgs. Groundwater flow direction has ranged from southeast to northwest with a hydraulic gradient of approximately 0.07 to 0.1 feet/feet.

Free product or a product sheen has been present in well MW-5 since December 1996. The groundwater in well MW-5 has historically appeared perched. Wells MW-2B and MW-6 have typically not been sampled since 2001 and 2000, respectively, due to insufficient water.

Five onsite and seven offsite wells are currently monitored and sampled quarterly. Twelve wells were monitored and sampled this quarter. The groundwater gradient and flow direction were 0.09 foot/foot to the southwest.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in six of the twelve wells sampled, at a maximum concentration of 19,000 micrograms per liter (µg/l) in offsite well MW-5. Free product has been observed in MW-5 historically. Well MW-5 has been dry or obstructed during the last two sampling events.

Benzene was detected in four of the twelve wells sampled, at a maximum concentration of 7,300 µg/l in offsite well MW-5. Free product has been observed in MW-5 historically. Well MW-5 has been dry or obstructed during the last two sampling events.

Methyl tertiary butyl ether (MTBE) was detected in eight of the twelve wells sampled, at a maximum concentration of 5,200 µg/l in onsite well MW-2B. Well MW-2 has been dry during recent sampling events.

TPH-d was detected in eight of the twelve wells sampled, at a maximum concentration of 110,000 µg/l in offsite well MW-5. Free product has been observed in MW-5 historically. Well MW-5 has been dry or obstructed during recent sampling events.

REMEDIATION STATUS

December 1987: Four USTs were replaced. An unknown volume of hydrocarbon-impacted soil was reportedly removed and transported to a Class I facility.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

March 9, 2004: 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

Await agency directives for additional assessment work, if any.

Continue quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

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

Sincerely,

TRC

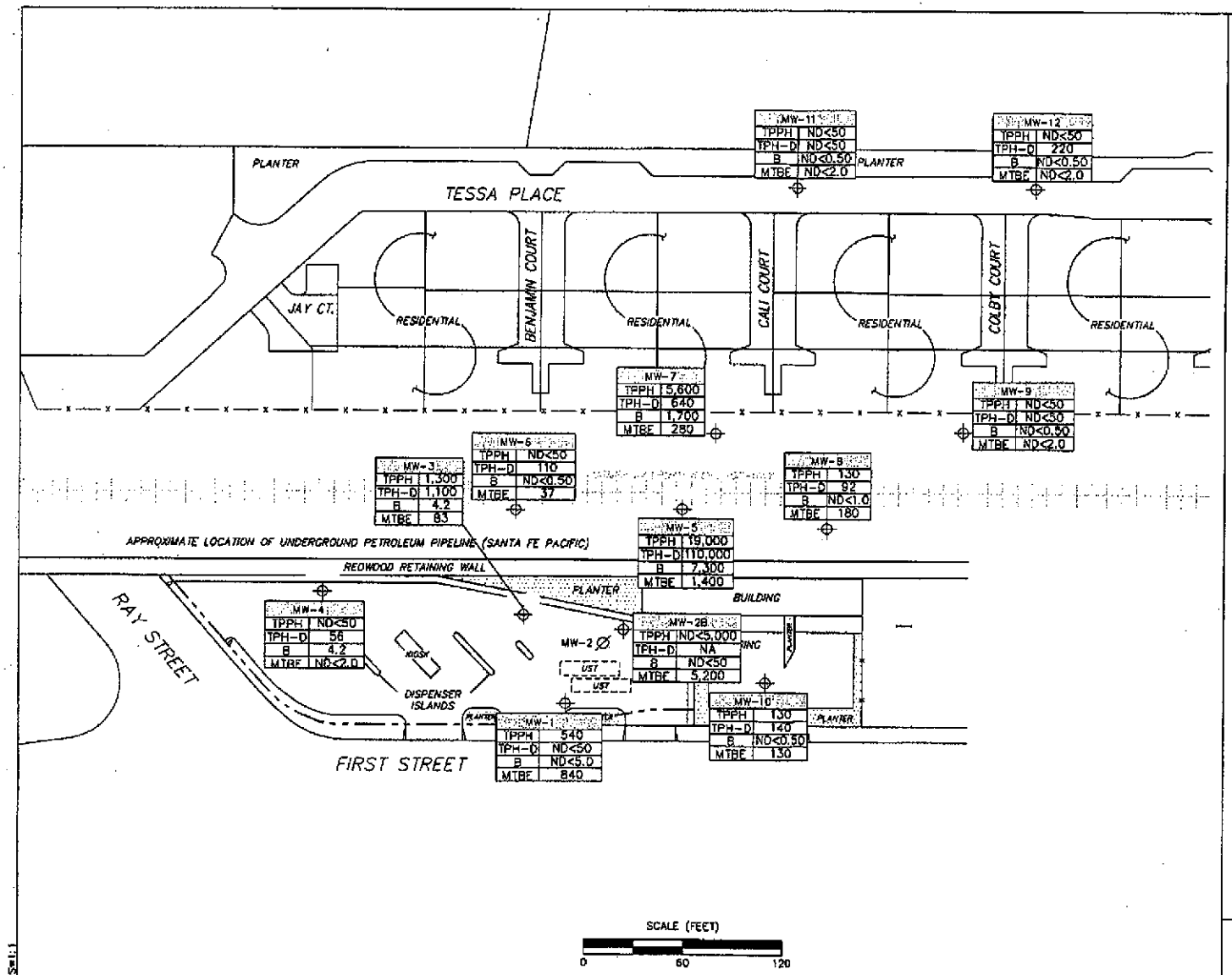
Roger Batra
Senior Project Manager

Barbara Moed, R.G.
Senior Project Geologist

Attachment:

Figure 3 – Dissolved-Phase Hydrocarbon Concentrations Map, March 9, 2004, from First Quarter 2004 Fluid Level Monitoring and Groundwater Sampling Report, dated April 26, 2004 by TRC.

cc: Thomas Kosel, ConocoPhillips (hard copy and electronic upload)
Carol Mahoney, Zone 7 Water District



LEGEND

Well No.	
TPPH	µg/l
TPH-D	µg/l
B	µg/l
MTBE	µg/l

Monitoring Well with Dissolved-Phase Hydrocarbon Concentrations (µg/l)

MW-2 Ø Abandoned well

NOTES:

B = benzene. TPH-D = total petroleum hydrocarbons as diesel. TPPH = total purgeable petroleum hydrocarbons. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. MTBE and TPPH results obtained using EPA Method 8260B.

DISSOLVED-PHASE HYDROCARBON CONCENTRATION MAP
March 9, 2004

76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 3

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R0361

TRC

Customer-Focused Solutions

July 16, 2004

TRC Project No. 42018401

Mr. Scott Seery
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: Quarterly Status Report - Fourth Quarter 2003
76 Service Station #7376, 4191 First Street, Pleasanton, California
Alameda County

Dear Mr. Seery:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Fourth Quarter 2003 Quarterly Status Report for the subject site, shown on the attached Figure 3.

PREVIOUS ASSESSMENTS

The subject site is an operating service station located on the north corner of the intersection of First Street and Ray Street in Pleasanton, California. The site is bounded to the northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes.

The site was developed in 1899 as a warehouse to store grain and hay (Amador-Livermore Valley Historical Society, 1994). According to a Sanborn map, an "in-ground" storage tank for oil was installed on-site in 1907. A service station was first constructed on the site in 1976 (Enviros, 1995). Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site (PFD, 1988). The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site.

June 1987: Three exploratory soil borings were advanced to depths ranging from 46.5 to 55 feet below ground surface (bgs). Soil samples contained low to moderate maximum levels of petroleum hydrocarbons. Groundwater was not encountered.

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Telephone 925-688-1200 • Fax 925-688-0388

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January 1988: A well survey was performed by reviewing Alameda County Flood Control and Water Conversation District - Zone 7 (Zone 7) files. Five water wells and two cathodic protection wells were identified within a ½-mile of the site. Four of the five water wells are domestic wells and the fifth appears to be a monitoring well.

The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

MONITORING AND SAMPLING

Groundwater has been monitored on a quarterly basis since December 1994. Depth to groundwater has fluctuated from approximately 50 to 87 feet bgs. Groundwater flow has ranged from southeast to northwest with a hydraulic gradient of approximately 0.07 to 0.1 feet/feet.

Free product or a product sheen has been present in well MW-5 since December 1996. The groundwater in well MW-5 has historically appeared perched. Wells MW-2B and MW-6 have typically not been sampled since 2001 and 2000, respectively, due to insufficient water.

Five onsite and seven offsite wells are currently monitored and sampled quarterly. Eight wells were sampled this quarter. The groundwater gradient and flow direction were 0.05 foot/foot to the west.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of the eight wells sampled, at a maximum concentration of 4,500 micrograms per liter (µg/l) in offsite monitoring well MW-7. These levels were consistent with recent historical data.

Benzene was detected in two of the eight wells sampled, at a maximum concentration of 500 µg/l in offsite monitoring well MW-7. These levels were consistent with recent historical data.

Methyl tertiary butyl ether (MTBE) was detected in five of the eight wells sampled, at a maximum concentration of 2,700 µg/l in onsite monitoring well MW-1. These levels were consistent with recent historical data.

TPH-d was detected in three of the eight wells sampled, at a maximum concentration of 800 µg/l in onsite monitoring well MW-3. These levels were consistent with recent historical data.

REMEDIATION STATUS

December 1987: Four USTs were replaced. An unknown volume of hydrocarbon-impacted soil was reportedly removed and transported to a Class I facility.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

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

December 10, 2003: 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.

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Await agency directives for additional assessment work, if any.

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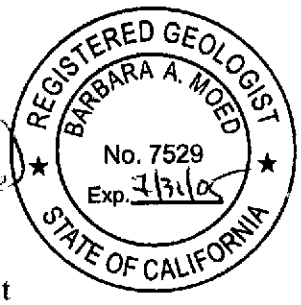
If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

TRC

Roger Batra
Senior Project Manager

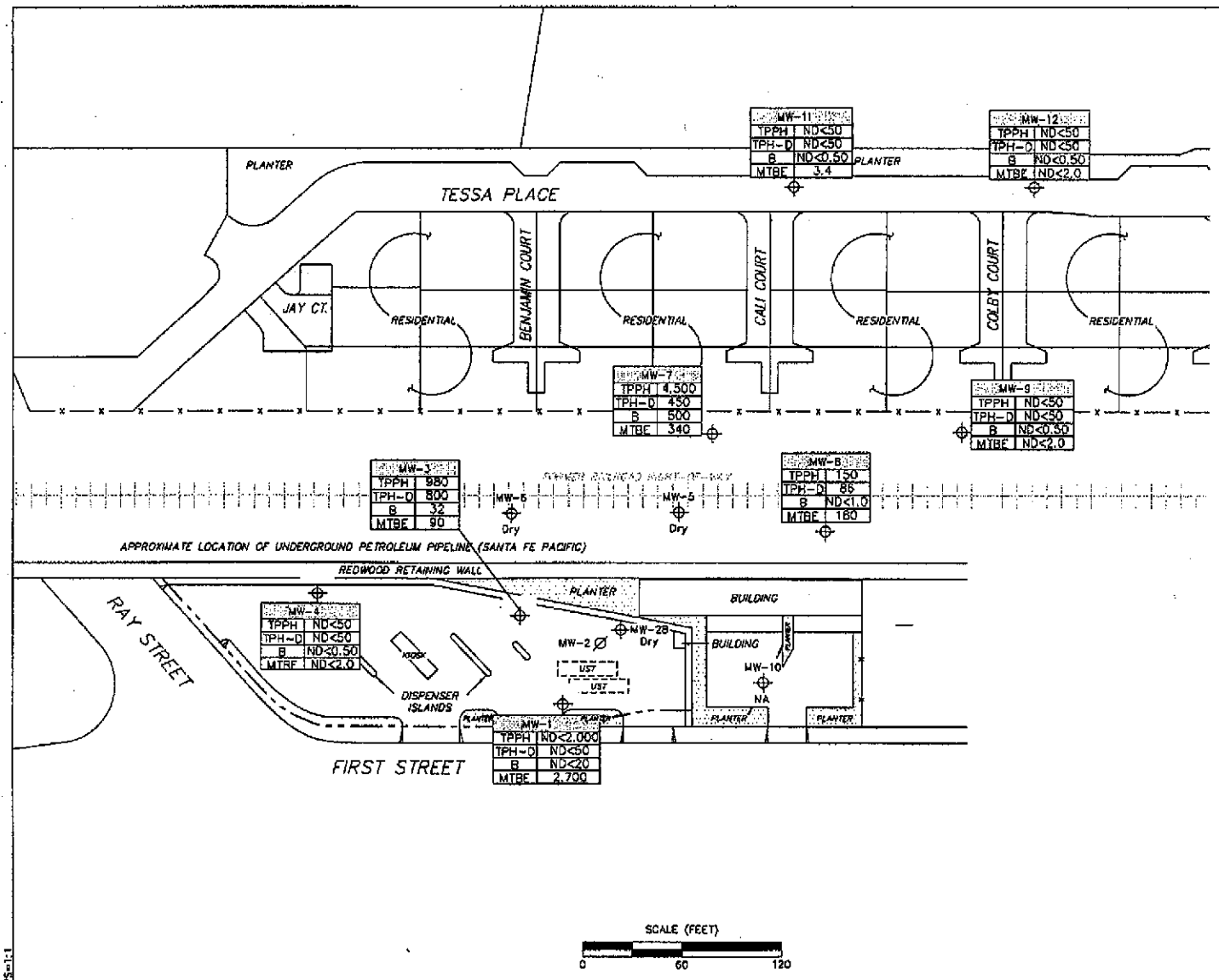
Barbara Moed, R.G.
Senior Project Geologist



Attachment:

Figure 3 – Dissolved-Phase Hydrocarbon Concentrations Map, December 10, 2003, from Fourth Quarter 2003 Fluid Level Monitoring and Groundwater Sampling Report, dated January 14, 2004 by TRC.

cc: Thomas Kosel, ConocoPhillips (hard copy and electronic upload)
Carol Mahoney, Zone 7 Water District



NOTES:

B = benzene. TPH-D = total petroleum hydrocarbons as diesel. TPPH = total purgeable petroleum hydrocarbons. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. MTBE and TPPH results obtained using EPA Method 8260B.

DISSOLVED-PHASE HYDROCARBON CONCENTRATION MAP
December 10, 2003

76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 3

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RO 361

TRC

Customer-Focused Solutions

April 26, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 7376, located at 4191 First Street, Pleasanton, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan

Anju Farfan
QMS Operations Manager

CC: Mr. Scott Seary, Alameda County Department of Environmental
Ms. Carol Mahoney, Zone 7 Water District
Ms. Barbara Moed, TRC

Enclosures
20-0400/7376R02.QMS

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

TRC

Customer-Focused Solutions

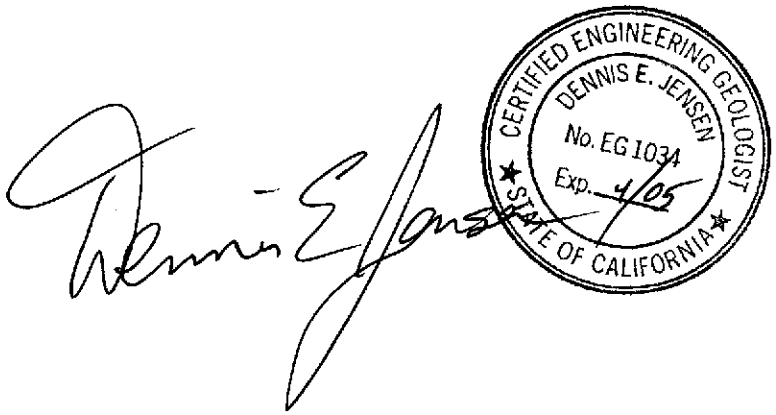
FIRST QUARTER 2004
FLUID LEVEL MONITORING AND
GROUNDWATER SAMPLING REPORT
April 26, 2004

76 Station 7376
4191 First Street
Pleasanton, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

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

GROUNDWATER MONITORING REPORT

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Summary of Groundwater Levels and Chemical Analysis Results Table 2: Historic Groundwater Levels and Chemical Analysis Results Table 3: Summary of Additional Chemical Analysis Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase Hydrocarbon Concentration Map
Graphs	Benzene Concentrations vs. Time Hydrographs
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Transport and Disposal Limitations

TABLES

TABLE KEY

ABBREVIATIONS / SYMBOLS

LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter
mg/l	=	milligrams per liter
ND	=	not detected at or above laboratory detection limit
DTSC	=	Department of Toxic Substances Control
N/A	=	not applicable
Trace	=	less than 0.01 foot of LPH in well
USTs	=	underground storage tanks
--	=	not analyzed, measured, or collected
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
BTEX	=	benzene, toluene, ethylbenzene, and total xylenes
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
MTBE	=	methyl tertiary butyl ether
TAME	=	tertiary amyl methyl ether
ETBE	=	ethyl tertiary butyl ether
DIPE	=	di-isopropyl ether
TBA	=	tertiary butyl alcohol
1,1-DCA	=	1,1-Dichloroethane
1,2-DCA	=	1,2-Dichloroethane
1,1-DCE	=	1,1-Dichloroethene
1,2-DCE	=	cis- and trans-1,2-Dichloroethene
PCE	=	tetrachloroethene
TCA	=	trichloroethane
TCE	=	trichloroethene
PCB	=	polychlorinated biphenyls
TPPH	=	total purgeable petroleum hydrocarbons

NOTES

Elevations are in feet above mean sea level.

Groundwater elevation for wells with LPH is calculated as follows:

Surface elevation - depth to water + (0.75 x LPH thickness).

Concentration Graphs have been modified to plot non-detect results at the reporting limit stated in the official laboratory report. All non-detect results prior to the Second Quarter 2000 were plotted at 0.1 µg/l for graphical display.

J = estimated concentration, value is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)

REFERENCE

TRC began groundwater monitoring and sampling activities in October 2003. Historical data for 76 Station 7376 was provided by Gettler-Ryan Inc., Dublin, California, in an excel table received in September 2003.

Table 1

SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS

March 9, 2004

76 Station 7376

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: 65.0-95.0)**												
03/09/04	366.98	79.48	0.00	287.50	0.53	--	540	ND<5.0	ND<5.0	ND<5.0	ND<10	--	840	
MW-2B		**(Screen Interval in feet: 65.0-85.0)**												
03/09/04	365.05	84.13	0.00	280.92	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5200	
MW-3		**(Screen Interval in feet: 76.5-96.5)**												
03/09/04	367.01	83.23	0.00	283.78	-0.02	--	1300	4.2	0.67	6.4	91	--	83	
MW-4		**(Screen Interval in feet: 73.0-93.0)**												
03/09/04	368.81	84.89	0.00	283.92	5.55	--	ND<50	4.2	0.59	2.0	1.3	--	ND<2.0	
MW-5		**(Screen Interval in feet: 52.0-72.0)**												
03/09/04	363.21	66.03	0.00	297.18	--	--	19000	7300	370	910	890	--	1400	
MW-6		**(Screen Interval in feet: 68.0-88.0)**												
03/09/04	363.13	83.53	0.00	279.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
MW-7		**(Screen Interval in feet: 55.0-75.0)**												
03/09/04	355.97	66.66	0.00	289.31	3.32	--	5600	1700	11	34	ND<20	--	280	
MW-8		**(Screen Interval in feet: 66.0-86.0)**												
03/09/04	361.83	70.32	0.00	291.51	3.27	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
MW-9		**(Screen Interval in feet: DNA)**												
03/09/04	362.62	65.24	0.00	297.38	4.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
MW-10		**(Screen Interval in feet: DNA)**												
03/09/04	362.62	83.15	0.00	279.47	8.94	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
MW-11		**(Screen Interval in feet: DNA)**												
03/09/04	354.66	66.61	0.00	288.05	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
MW-12		**(Screen Interval in feet: DNA)**												
03/09/04	354.08	65.69	0.00	288.39	4.59	--	ND<50	ND<0.50	0.54	ND<0.50	1.4	--	ND<2.0	

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
December 1987 Through March 2004
76 Station 7376

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: 65.0-95.0)**													
12/07/94	366.99	81.04	0.00	285.95	--	--	--	ND	ND	ND	ND	--	--	
03/01/95	366.99	80.09	0.00	286.90	0.95	120	--	ND	1.1	ND	1.3	--	--	
06/01/95	366.99	77.53	0.00	289.46	2.56	54	--	1	2.9	0.79	4.5	--	--	
09/06/95	366.99	79.00	0.00	287.99	-1.47	690	--	ND	ND	ND	ND	6	--	
12/12/95	366.99	77.55	0.00	289.44	1.45	190	--	ND	ND	ND	ND	--	--	
03/01/96	366.99	75.09	0.00	291.90	2.46	56	--	ND	ND	ND	ND	370	--	
06/15/96	366.99	75.07	0.00	291.92	0.02	ND	--	ND	ND	ND	ND	270	--	
09/18/96	366.99	79.90	0.00	287.09	-4.83	130	--	ND	ND	ND	ND	590	--	
12/21/96	366.99	78.96	0.00	288.03	0.94	ND	--	ND	ND	ND	ND	150	--	
03/07/97	366.99	71.49	0.00	295.50	7.47	ND	--	ND	ND	ND	ND	220	--	
06/27/97	366.99	80.05	0.00	286.94	-8.56	ND	--	ND	ND	ND	ND	17	--	
09/29/97	366.99	80.04	0.00	286.95	0.01	ND	--	ND	ND	ND	ND	24	--	
12/15/97	366.99	80.07	0.00	286.92	-0.03	ND	--	ND	ND	ND	ND	25	--	
03/16/98	366.99	71.00	0.00	295.99	9.07	ND	--	ND	0.52	ND	0.71	190	--	
06/26/98	366.99	79.29	0.00	287.70	-8.29	ND	--	0.9	ND	ND	ND	570	--	
08/18/98	366.99	79.93	0.00	287.06	-0.64	--	--	--	--	--	--	--	--	
09/22/98	366.99	79.99	0.00	287.00	-0.06	240	--	ND	ND	ND	ND	170	--	
12/15/98	366.99	80.02	0.00	286.97	-0.03	ND	--	ND	ND	ND	ND	63	--	
12/23/98	366.99	80.02	0.00	286.97	0.00	--	--	--	--	--	--	--	--	
03/15/99	366.99	78.95	0.00	288.04	--	67	--	ND	ND	ND	ND	520	--	
03/23/99	366.99	78.69	0.00	288.30	0.26	--	--	--	--	--	--	--	--	
06/07/99	366.99	79.82	0.00	287.17	-1.13	ND	--	ND	ND	ND	ND	310	--	
09/03/99	366.99	79.74	0.00	287.25	0.08	76	--	ND	ND	ND	ND	67	55.2	
12/06/99	366.99	79.74	0.00	287.25	--	ND	--	ND	ND	ND	ND	120	--	
03/10/00	366.99	79.66	0.00	287.33	0.08	51	--	ND	ND	ND	ND	100	--	

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														
06/08/00	366.99	79.57	0.00	287.42	0.09	68.2	--	ND	ND	ND	ND	98.9	--	
09/25/00	366.99	79.48	0.00	287.51	0.09	ND	--	ND	ND	ND	ND	145	--	
12/19/00	366.99	79.64	0.00	287.35	-0.16	ND	--	ND	ND	ND	ND	330	--	
03/05/01	366.99	80.03	0.00	286.96	-0.39	505	--	ND	ND	ND	ND	711	--	
06/14/01	366.99	79.52	0.00	287.47	0.51	71	--	ND	ND	ND	ND	680	--	
09/17/01	366.99	79.76	0.00	287.23	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	
09/25/01	366.99	79.71	0.00	287.28	0.05	--	--	--	--	--	--	--	--	
12/17/01	366.99	80.73	0.00	286.26	-1.02	ND<53	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	210	240	
03/15/02	366.99	79.51	0.00	287.48	1.22	ND<52	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1,200	--	
06/20/02	366.99	79.60	0.00	287.39	-0.09	ND<50	580	ND<5.0	ND<5.0	ND<5.0	ND<10	--	810	
09/27/02	366.99	80.76	0.00	286.23	-1.16	ND<100	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
12/30/02	366.99	81.28	0.00	285.71	-0.52	52	ND<200	ND<2.0	ND<2.0	ND<2.0	ND<4.0	--	360	
03/26/03	366.99	79.48	0.00	287.51	1.80	120	1,300	ND<10	ND<10	ND<10	ND<20	--	2,000	
06/10/03	366.99	80.29	0.00	286.70	-0.81	ND<50	ND<2,000	ND<20	ND<20	ND<20	ND<40	--	2,800	
09/09/03	366.98	84.54	0.00	282.44	-4.26	--	1000	ND<10	ND<10	ND<10	ND<20	--	1900	
12/10/03	366.98	80.01	0.00	286.97	4.53	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2700	
03/09/04	366.98	79.48	0.00	287.50	0.53	--	540	ND<5.0	ND<5.0	ND<5.0	ND<10	--	840	
MW-2	**(Screen Interval in feet: DNA)**													
12/08/87	--	--	--	--	--	620	--	910	800	260	1200	--	--	Damaged
12/07/94	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/01/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-2B	**(Screen Interval in feet: 65.0-85.0)**													
03/01/95	365.05	80.80	0.00	284.25	--	320	--	ND	ND	ND	ND	--	--	
06/01/95	365.05	75.69	0.00	289.36	5.11	280	--	19	5.8	ND	7.7	--	--	
09/06/95	365.05	77.54	0.00	287.51	-1.85	ND	--	90	ND	ND	ND	6	--	
12/12/95	365.05	75.96	0.00	289.09	1.58	850	--	630	ND	15	57	7	--	
03/01/96	365.05	73.27	0.00	291.78	2.69	870	--	620	ND	ND	5.3	4300	--	
06/15/96	365.05	73.21	0.00	291.84	0.06	420	--	350	ND	ND	ND	3700	--	
09/18/96	365.05	81.08	0.00	283.97	-7.87	600	--	95	ND	ND	ND	5200	--	

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-2B	continued													
12/21/96	365.05	77.35	0.00	287.70	3.73	470	--	57	ND	ND	ND	2900	--	
03/07/97	365.05	69.67	0.00	295.38	7.68	870	--	28	0.64	ND	1.5	4300	--	
06/27/97	365.05	82.40	0.00	282.65	-12.73	680	--	3.4	1	0.53	ND	3100	--	
09/29/97	365.05	82.72	0.00	282.33	-0.32	430	--	ND	ND	ND	ND	3000	--	
12/15/97	365.05	82.57	0.00	282.48	0.15	490	--	ND	ND	ND	ND	4100	--	
03/16/98	365.05	69.13	0.00	295.92	13.44	4000	--	17	ND	ND	ND	4400	--	
06/26/98	365.05	77.78	0.00	287.27	-8.65	790	--	ND	ND	ND	ND	4000	--	
08/18/98	365.05	83.99	0.00	281.06	-6.21	--	--	--	--	--	--	--	--	
09/22/98	365.05	83.89	0.00	281.16	0.10	930	--	ND	ND	ND	21	4600	--	
12/15/98	365.05	82.84	0.00	282.21	1.05	600	--	ND	ND	ND	ND	5100	--	
12/23/98	365.05	82.55	0.00	282.50	0.29	--	--	--	--	--	--	--	--	
03/15/99	365.05	77.31	0.00	287.74	--	390	--	ND	ND	ND	ND	4300	4800	
03/23/99	365.05	77.06	0.00	287.99	0.25	--	--	--	--	--	--	--	--	
06/07/99	365.05	82.96	0.00	282.09	-5.90	770	--	ND	ND	ND	ND	5100	--	
09/03/99	365.05	84.16	0.00	280.89	-1.20	870	--	ND	ND	ND	ND	6300	4400	
12/06/99	365.05	84.41	0.00	280.64	--	850	--	ND	ND	ND	ND	4,400	--	
03/10/00	365.05	82.42	0.00	282.63	1.99	1500	--	ND	ND	ND	ND	6900	--	
06/08/00	365.05	82.73	0.00	282.32	-0.31	34	--	ND	ND	ND	ND	7,780	--	
09/25/00	365.05	84.24	0.00	280.81	-1.51	2900	--	8.83	6.58	0.932	5.60	12,200	--	
12/19/00	365.05	84.39	0.00	280.66	-0.15	700	--	ND	ND	ND	ND	6,000	--	
03/05/01	365.05	84.61	0.00	280.44	-0.22	36	--	ND	ND	ND	ND	5890	--	
06/14/01	365.05	83.53	0.00	281.52	1.08	570	--	ND	ND	ND	ND	6,600	--	
09/17/01	365.05	84.55	0.00	280.50	-1.02	36	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	5,100	--	
09/25/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/17/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/20/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/27/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well

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-2B continued														
03/26/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	365.05	83.17	0.00	281.88	--	280	ND<5,000	ND<50	ND<50	ND<50	ND<100	6,400	--	
09/09/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/10/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	365.05	84.13	0.00	280.92	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5200	
MW-3	**(Screen Interval in feet: 76.5-96.5)**													
12/08/87	--	--	--	--	--	2300	--	2600	1300	160	660	--	--	
12/07/94	367.01	85.54	0.00	281.47	--	--	--	ND	ND	ND	ND	--	--	
03/01/95	367.01	83.20	0.00	283.81	2.34	140	--	ND	1.1	ND	1.1	--	--	
06/01/95	367.01	77.60	0.00	289.41	5.60	140	--	7.8	0.9	ND	1.6	--	--	
09/06/95	367.01	79.28	0.00	287.73	-1.68	880	--	380	490	130	710	6	--	
12/12/95	367.01	77.73	0.00	289.28	1.55	3100	--	600	380	2100	5300	7	--	
03/01/96	367.01	75.18	0.00	291.83	2.55	1500	--	950	3.2	1900	290	59	--	
06/15/96	367.01	75.13	0.00	291.88	0.05	400	--	190	8.8	3.8	4	630	--	
09/18/96	367.01	82.84	0.00	284.17	-7.71	170	--	340	12	11	110	2500	--	
12/21/96	367.01	79.29	0.00	287.72	3.55	64	--	1.3	ND	ND	0.53	20	--	
03/07/97	367.01	71.58	0.00	295.43	7.71	570	--	53	14	29	68	220	--	
06/27/97	367.01	83.27	0.00	283.74	-11.69	ND	--	ND	ND	ND	ND	27	--	
09/29/97	367.01	83.33	0.00	283.68	-0.06	ND	--	ND	ND	ND	ND	11	--	
12/15/97	367.01	83.35	0.00	283.66	-0.02	ND	--	ND	ND	ND	ND	19	--	
03/16/98	367.01	71.07	0.00	295.94	12.28	670	--	6.5	1.9	1.5	1.6	210	--	
06/26/98	367.03	79.65	0.00	287.38	-8.56	63	--	15	ND	ND	1.9	490	--	
08/18/98	367.03	83.29	0.00	283.74	-3.64	--	--	--	--	--	--	--	--	
09/22/98	367.03	83.33	0.00	283.70	-0.04	95	--	ND	ND	ND	ND	24	--	
12/15/98	367.03	83.29	0.00	283.74	0.04	ND	--	ND	ND	ND	ND	18	--	
12/23/98	367.03	83.28	0.00	283.75	0.01	--	--	--	--	--	--	--	--	
03/15/99	367.03	79.19	0.00	287.84	--	3500	--	3100	270	2200	3100	1300	--	
03/23/99	367.03	78.92	0.00	288.11	0.27	--	--	--	--	--	--	--	--	
06/07/99	367.03	83.22	0.00	283.81	-4.30	ND	--	ND	ND	0.63	ND	29	--	

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														
09/03/99	367.03	83.31	0.00	283.72	-0.09	2900	--	770	ND	980	6400	280	82.4	
12/06/99	367.03	83.41	0.00	283.62	--	4200	--	3200	3500	1300	8300	ND	--	
03/10/00	367.03	83.23	0.00	283.80	0.18	2500	--	340	ND	97	450	200	--	
06/08/00	367.03	83.22	0.00	283.81	0.01	489	--	52	ND	41.7	356	55.8	--	
09/25/00	367.03	83.37	0.00	283.66	-0.15	4380	--	305	ND	25.4	512	137	--	
12/19/00	367.03	83.27	0.00	283.76	0.10	5600	--	260	ND	120	950	130	--	
03/05/01	367.03	83.34	0.00	283.69	-0.07	3790	--	1100	48.6	637	4260	224	--	
06/14/01	367.03	83.39	0.00	283.64	-0.05	1,300	--	260	ND	5.5	25	83	--	
09/17/01	367.03	84.10	0.00	282.93	-0.71	290	--	0.50	ND<0.50	ND<0.50	ND<0.50	71	--	
09/25/01	367.03	84.23	0.00	282.80	-0.13	--	--	--	--	--	--	--	--	
12/17/01	367.03	83.32	0.00	283.71	0.91	700	--	120	ND<5.0	45	270	80	91	
03/15/02	367.03	83.27	0.00	283.76	0.05	3,600	--	160	ND<50	140	4,400	ND<250	--	
06/20/02	367.03	83.74	0.00	283.29	-0.47	1,300	92	98	0.69	4.0	2.3	--	92	
09/27/02	367.03	84.20	0.00	282.83	-0.46	ND<100	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	67	
12/30/02	367.03	83.24	0.00	283.79	0.96	1,800	160	320	ND<5.0	80	1,500	--	160	
03/26/03	367.03	83.27	0.00	283.76	-0.03	2,600	130	95	6.3	140	1,500	--	130	
06/10/03	367.03	83.59	0.00	283.44	-0.32	350	54	2.1	ND<0.50	1.1	1.0	--	54	
09/09/03	367.01	83.75	0.00	283.26	-0.18	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	63	
12/10/03	367.01	83.21	0.00	283.80	0.54	--	980	32	ND<1.0	7.0	160	--	90	
03/09/04	367.01	83.23	0.00	283.78	-0.02	--	1300	4.2	0.67	6.4	91	--	83	
MW-4	**(Screen Interval in feet: 73.0-93.0)**													
09/18/96	369.03	73.67	0.00	295.36	--	200	--	14	ND	ND	1.6	ND	--	
12/21/96	369.03	77.69	0.00	291.34	-4.02	ND	--	ND	ND	ND	ND	ND	--	
03/07/97	369.03	68.04	0.00	300.99	9.65	ND	--	1.9	0.99	ND	1.5	ND	--	
06/27/97	369.03	79.06	0.00	289.97	-11.02	ND	--	ND	ND	ND	ND	ND	--	
09/29/97	369.03	85.83	0.00	283.20	-6.77	ND	--	ND	ND	ND	ND	ND	--	
12/15/97	369.03	87.26	0.00	281.77	-1.43	ND	--	ND	ND	ND	ND	ND	--	
03/16/98	369.03	75.09	0.00	293.94	12.17	ND	--	ND	0.69	ND	0.82	ND	--	
06/26/98	368.81	73.81	0.00	295.00	1.06	630	--	62	ND	ND	ND	ND	--	

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														
08/18/98	368.81	78.75	0.00	290.06	-4.94	--	--	--	--	--	--	--	--	
09/22/98	368.81	83.95	0.00	284.86	-5.20	74	--	ND	ND	ND	ND	2.8	--	
12/15/98	368.81	85.41	0.00	283.40	-1.46	ND	--	ND	ND	ND	ND	ND	--	
12/23/98	368.81	84.95	0.00	283.86	0.46	--	--	--	--	--	--	--	--	
03/15/99	368.81	78.47	0.00	290.34	--	ND	--	ND	ND	ND	ND	ND	--	
03/23/99	368.81	77.37	0.00	291.44	1.10	--	--	--	--	--	--	--	--	
06/07/99	368.81	76.60	0.00	292.21	0.77	ND	--	ND	ND	ND	ND	ND	--	
09/03/99	368.81	87.23	0.00	281.58	-10.63	66	--	ND	ND	ND	ND	ND	ND	
12/06/99	368.81	92.23	0.00	276.58	--	95	--	ND	ND	ND	ND	ND	--	
03/10/00	368.81	88.54	0.00	280.27	3.69	ND	--	ND	ND	ND	ND	ND	--	
06/08/00	368.81	86.98	0.00	281.83	1.56	72.8	--	ND	ND	ND	ND	ND	--	
09/25/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/14/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/20/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/27/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	368.81	89.76	--	279.05	--	ND<50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/03	368.81	89.47	0.00	279.34	0.29	--	ND<50	ND<0.50	0.80	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	368.81	90.44	0.00	278.37	-0.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/09/04	368.81	84.89	0.00	283.92	5.55	--	ND<50	4.2	0.59	2.0	1.3	--	ND<2.0	
MW-5	**(Screen Interval in feet: 52.0-72.0)**													
09/18/96	363.23	64.20	0.00	299.03	--	4700	--	6700	410	730	6500	4100	--	

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														
12/21/96	363.23	61.77	--	301.46	2.43	4700	--	3200	300	780	3600	2600	--	
03/07/97	363.23	56.30	--	306.93	5.47	2100	--	1300	120	410	1200	1700	--	
06/27/97	363.23	68.88	0.90	295.02	-11.91	--	--	--	--	--	--	--	--	
09/29/97	363.23	69.47	0.35	294.02	-1.00	--	--	--	--	--	--	--	--	
12/15/97	363.23	64.92	0.30	298.54	4.51	--	--	--	--	--	--	--	--	
03/16/98	363.23	49.63	0.09	313.67	15.13	--	--	--	--	--	--	--	--	
06/26/98	363.21	64.13	--	299.08	-14.59	230000	--	6.3	2.8	4.2	5.1	10	--	
08/18/98	363.21	70.40	0.01	292.81	-6.27	--	--	--	--	--	--	--	--	
09/22/98	363.21	69.10	0.06	294.15	1.34	--	--	--	--	--	--	--	--	
12/15/98	363.21	68.84	0.17	294.50	0.34	--	--	--	--	--	--	--	--	
12/23/98	363.21	68.42	0.50	295.16	0.67	--	--	--	--	--	--	--	--	
03/15/99	363.21	63.81	0.25	299.59	--	--	--	--	--	--	--	--	--	
03/23/99	363.21	63.59	0.13	299.72	0.13	--	--	--	--	--	--	--	--	
06/07/99	363.21	68.25	0.82	295.57	-4.14	4700000	--	6700	3700	5000	20000	11000	4000	
09/03/99	363.21	69.38	0.70	294.35	-1.22	--	--	--	--	--	--	--	--	
12/06/99	363.21	70.02	0.82	293.80	--	--	--	--	--	--	--	--	--	
03/10/00	363.21	64.56	0.64	299.13	5.33	--	--	--	--	--	--	--	--	
06/08/00	363.21	66.47	0.51	297.12	-2.01	--	--	--	--	--	--	--	--	
09/25/00	363.21	69.02	0.60	294.64	-2.48	--	--	--	--	--	--	--	--	
12/19/00	363.21	68.31	0.14	295.01	0.36	--	--	--	--	--	--	--	--	
03/05/01	363.21	64.19	0.08	299.08	4.07	--	--	--	--	--	--	--	--	
06/14/01	363.21	64.02	0.11	299.27	0.19	--	--	--	--	--	--	--	--	
09/17/01	363.21	72.07	0.04	291.17	-8.10	--	--	--	--	--	--	--	--	
09/25/01	363.21	72.17	0.03	291.06	-0.11	--	--	--	--	--	--	--	--	
12/17/01	363.21	72.11	0.03	291.12	0.06	--	--	--	--	--	--	--	--	
03/15/02	363.21	66.93	0.22	296.45	5.32	--	--	--	--	--	--	--	--	
06/20/02	363.21	69.71	0.42	293.82	-2.63	--	--	--	--	--	--	--	--	
09/27/02	363.21	72.07	0.00	291.14	-2.68	--	--	--	--	--	--	--	--	
12/30/02	363.21	71.91	0.00	291.30	0.16	--	--	--	--	--	--	--	--	

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														
03/26/03	363.21	67.55	0.15	295.77	4.47	--	--	--	--	--	--	--	--	
06/10/03	363.21	69.34	0.12	293.96	-1.81	--	--	--	--	--	--	--	--	
09/09/03	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Obstruction in well
12/10/03	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	363.21	66.03	0.00	297.18	--	--	19000	7300	370	910	890	--	1400	
MW-6	**(Screen Interval in feet: 68.0-88.0)**													
09/18/96	363.12	79.07	0.00	284.05	--	ND	--	5.4	ND	ND	ND	ND	--	
12/21/96	363.12	75.40	0.00	287.72	3.67	ND	--	96	1.3	ND	1.7	21	--	
03/07/97	363.12	67.61	0.00	295.51	7.79	190	--	920	18	ND	31	290	--	
06/27/97	363.12	80.45	0.00	282.67	-12.84	73	--	0.73	ND	ND	38	38	--	
09/29/97	363.12	86.02	0.00	277.10	-5.57	ND	--	ND	ND	ND	ND	43	--	
12/15/97	363.12	84.03	0.00	279.09	1.99	ND	--	ND	ND	ND	ND	39	--	
03/16/98	363.12	67.15	0.00	295.97	16.88	100	--	36	2.5	ND	3	64	--	
06/26/98	363.13	75.71	0.00	287.42	-8.55	180	--	300	8.3	2.8	8.7	81	--	
08/18/98	363.13	74.86	0.00	288.27	0.85	--	--	--	--	--	--	--	--	
09/22/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/15/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/23/98	363.13	80.80	0.00	282.33	--	--	--	1.1	ND	ND	0.78	25	--	
01/23/99	363.13	80.68	0.00	282.45	0.12	ND	--	--	--	--	--	--	--	
03/15/99	363.13	75.29	0.00	287.84	5.39	71	--	1.4	ND	ND	ND	23	--	
03/23/99	363.13	75.03	0.00	288.10	0.26	--	--	--	--	--	--	--	--	
06/07/99	363.13	82.27	0.00	280.86	-7.24	160	--	ND	ND	ND	ND	18	--	
09/03/99	363.13	87.49	0.00	275.64	-5.22	--	--	--	--	--	--	--	--	Dry well
12/06/99	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/10/00	363.13	85.61	0.00	277.52	--	ND	--	ND	ND	ND	ND	64	--	
06/08/00	363.13	87.36	0.00	275.77	-1.75	--	--	--	--	--	--	--	--	Dry well
09/25/00	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	363.13	87.73	--	275.40	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	363.13	87.82	--	275.31	-0.09	--	--	--	--	--	--	--	--	Dry well

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														
06/14/01	363.13	87.69	0.00	275.44	0.13	--	--	--	--	--	--	--	--	Dry well
09/17/01	363.13	87.70	0.00	275.43	-0.01	--	--	--	--	--	--	--	--	Dry well
09/25/01	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	363.13	87.74	0.00	275.39	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	363.13	87.72	0.00	275.41	0.02	--	--	--	--	--	--	--	--	Dry well
06/20/02	363.13	87.79	0.00	275.34	-0.07	--	--	--	--	--	--	--	--	Dry well
09/27/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	363.13	87.67	0.00	275.46	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	363.13	87.13	0.00	276.00	0.54	--	--	--	--	--	--	--	--	Dry well
09/09/03	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/10/03	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/09/04	363.13	83.53	0.00	279.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
MW-7	**(Screen Interval in feet: 55.0-75.0)**													
06/26/98	355.97	--	--	--	--	--	--	--	--	--	--	--	--	
08/18/98	355.97	68.75	0.00	287.22	--	1400	--	1900	48	160	ND	1700	--	
09/22/98	355.97	66.35	0.00	289.62	2.40	780	--	1100	ND	22	ND	1500	--	
12/15/98	355.97	65.03	0.00	290.94	1.32	350	--	180	2.7	2.9	3.8	1400	--	
12/23/98	355.97	64.82	0.00	291.15	0.21	--	--	--	--	--	--	--	--	
03/15/99	355.97	60.44	0.00	295.53	--	460	--	1100	ND	30	16	1400	970	
03/23/99	355.97	60.43	0.00	295.54	0.01	--	--	--	--	--	--	--	--	
06/07/99	355.97	64.48	0.00	291.49	-4.05	550	--	180	21	ND	13	1200	--	
09/03/99	355.97	69.98	0.00	285.99	-5.50	550	--	69	ND	ND	ND	1100	872	
12/06/99	355.97	70.18	0.00	285.79	--	220	--	350	ND	ND	ND	1100	--	
03/10/00	355.97	67.36	0.00	288.61	2.82	930	--	1600	ND	40	54	1100	--	
06/08/00	355.97	69.81	0.00	286.16	-2.45	463	--	30.8	ND	0.761	0.94	1290	--	
09/25/00	355.97	70.15	0.00	285.82	-0.34	1810	--	423	ND	ND	ND	1,510	--	
12/19/00	355.97	70.11	0.00	285.86	0.04	930	--	1,000	ND	ND	ND	1300	--	
03/05/01	355.97	68.72	0.00	287.25	1.39	801	--	5070	195	306	385	1530	--	

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														
06/14/01	355.97	70.00	0.00	285.97	-1.28	710	--	3,300	85	96	170	1,000	--	
09/17/01	355.97	70.28	0.00	285.69	-0.28	860	--	3,000	ND<50	ND<50	ND<50	750	--	
09/25/01	355.97	70.49	0.00	285.48	-0.21	--	--	--	--	--	--	--	--	
12/17/01	355.97	71.35	0.00	284.62	-0.86	470	--	1,100	ND<10	ND<10	ND<10	760	670	
03/15/02	355.97	68.56	0.00	287.41	2.79	830	--	850	22	74	39	360	540	
06/20/02	355.97	70.01	0.00	285.96	-1.45	710	540	3,200	23	41	ND<40	--	390	
09/27/02	355.97	71.50	0.00	284.47	-1.49	300	390	710	ND<10	ND<10	ND<20	--	610	
12/30/02	355.97	71.25	0.00	284.72	0.25	220	610	620	ND<2.5	20	53	--	500	
03/26/03	355.97	68.79	0.00	287.18	2.46	560	500	1,800	ND<10	13	ND<20	--	270	
06/10/03	355.97	69.10	0.00	286.87	-0.31	610	270	380	ND<5.0	ND<5.0	ND<10	--	--	
09/09/03	355.97	70.04	0.00	285.93	-0.94	--	1900	240	ND<2.5	ND<2.5	ND<5.0	--	380	
12/10/03	355.97	69.98	0.00	285.99	0.06	--	4500	500	ND<5.0	ND<5.0	ND<10	--	340	
03/09/04	355.97	66.66	0.00	289.31	3.32	--	5600	1700	11	34	ND<20	--	280	
MW-8	**(Screen Interval in feet: 66.0-86.0)**													
06/26/98	362.37	63.00	0.00	299.37	--	80	--	6	ND	ND	ND	150	--	
08/18/98	362.37	73.38	0.00	288.99	-10.38	--	--	--	--	--	--	--	--	
09/22/98	362.37	70.89	0.00	291.48	2.49	120	--	ND	ND	ND	ND	9.5	--	
12/15/98	362.37	70.29	0.00	292.08	0.60	ND	--	ND	ND	ND	ND	3	--	
12/23/98	362.37	70.03	0.00	292.34	0.26	--	--	--	--	--	--	--	--	
03/15/99	362.37	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/23/99	361.83	64.86	0.00	296.97	--	60	--	ND	0.77	ND	0.96	190	--	
06/07/99	361.83	68.30	0.00	293.53	-3.44	ND	--	ND	ND	ND	ND	ND	--	
09/03/99	361.83	73.92	0.00	287.91	-5.62	130	--	ND	0.57	ND	ND	170	146	
12/06/99	361.83	74.98	0.00	286.85	--	160	--	ND	ND	ND	ND	150	--	
03/10/00	361.83	71.54	0.00	290.29	3.44	61	--	ND	ND	ND	ND	150	--	
06/08/00	361.83	72.60	0.00	289.23	-1.06	135	--	ND	ND	ND	ND	42.8	--	
09/25/00	361.83	75.31	0.00	286.52	-2.71	518	--	ND	ND	ND	ND	227	--	
12/19/00	361.83	75.54	0.00	286.29	-0.23	100	--	ND	ND	ND	ND	160	--	
03/05/01	361.83	75.91	0.00	285.92	-0.37	161	--	ND	ND	ND	ND	125	--	

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														
06/14/01	361.83	75.51	0.00	286.32	0.40	94	--	ND	ND	ND	ND	140	--	
09/17/01	361.83	77.19	0.00	284.64	-1.68	60	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
09/25/01	361.83	77.17	0.00	284.66	0.02	--	--	--	--	--	--	--	--	
12/17/01	361.83	79.94	0.00	281.89	-2.77	ND<52	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	170	
03/15/02	361.83	76.82	0.00	285.01	3.12	69	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	72	--	
06/20/02	361.83	77.73	0.00	284.10	-0.91	ND<50	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
09/27/02	361.83	78.94	0.00	282.89	-1.21	130	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	94	
12/30/02	361.83	78.21	0.00	283.62	0.73	76	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
03/26/03	361.83	74.34	0.00	287.49	3.87	120	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
06/10/03	361.83	75.17	0.00	286.66	-0.83	ND<50	31	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	
09/09/03	361.83	74.11	0.00	287.72	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/10/03	361.83	73.59	0.00	288.24	0.52	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
03/09/04	361.83	70.32	0.00	291.51	3.27	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
MW-9	**(Screen Interval in feet: DNA)**													
11/29/99	354.85	74.50	0.00	280.35	--	--	--	--	--	--	--	--	--	
12/06/99	354.85	74.35	0.00	280.50	0.15	ND	--	ND	ND	ND	ND	3	2.7	
03/10/00	354.85	65.94	0.00	288.91	8.41	150	--	ND	ND	ND	ND	2.5	--	
06/08/00	354.85	70.77	0.00	284.08	-4.83	67.8	--	ND	ND	ND	ND	ND	--	
09/25/00	354.85	74.75	0.00	280.10	-3.98	903	--	ND	0.516	ND	ND	10.5	--	
12/19/00	354.85	74.43	0.00	280.42	0.32	ND	--	ND	ND	ND	ND	ND	--	
03/05/01	354.85	74.63	0.00	280.22	-0.20	96.5	--	ND	ND	ND	ND	ND	--	
06/14/01	354.85	74.75	0.00	280.10	-0.12	ND	--	ND	ND	ND	ND	ND	--	
09/17/01	354.85	74.78	0.00	280.07	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/25/01	354.85	74.83	0.00	280.02	-0.05	--	--	--	--	--	--	--	--	
12/17/01	354.85	74.80	0.00	280.05	0.03	ND<52	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
03/15/02	354.85	74.83	0.00	280.02	-0.03	ND<51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
06/20/02	354.85	74.88	0.00	279.97	-0.05	ND<50	0.75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
09/27/02	354.85	75.38	0.00	279.47	-0.50	ND<110	3.6	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
12/30/02	354.85	73.33	0.00	281.52	2.05	59	3.2	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	

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-9 continued														
03/26/03	354.85	71.21	0.00	283.64	2.12	ND<50	3.1	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.1	
06/10/03	354.85	71.83	0.00	283.02	-0.62	ND<50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/03	362.62	71.85	0.00	290.77	7.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	362.62	69.50	0.00	293.12	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/09/04	362.62	65.24	0.00	297.38	4.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
MW-10	**(Screen Interval in feet: DNA)**													
11/29/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/06/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/10/00	362.62	85.04	0.00	277.58	--	78	--	ND	ND	ND	ND	130	150	
06/08/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/05/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/14/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/25/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/15/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/20/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/27/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/26/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	362.62	89.70	0.00	272.92	--	65	24	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
09/09/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/10/03	362.62	92.09	0.00	270.53	--	--	--	--	--	--	--	--	--	Insufficient recharge
03/09/04	362.62	83.15	0.00	279.47	8.94	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
MW-11	**(Screen Interval in feet: DNA)**													
09/25/01	354.66	81.24	0.00	273.42	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9	--	
12/17/01	354.66	80.47	0.00	274.19	0.77	110	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10	14	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11	continued													
03/15/02	354.66	79.42	0.00	275.24	1.05	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.6	--	
06/20/02	354.66	80.69	0.00	273.97	-1.27	ND<60	7.7	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.7	
09/27/02	354.66	81.58	0.00	273.08	-0.89	ND<110	5.6	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/30/02	354.66	79.12	0.00	275.54	2.46	ND<50	6.9	ND<0.50	ND<0.50	2	6.1	--	6.9	
03/26/03	354.66	73.70	0.00	280.96	5.42	54	9.8	0.62	1.7	0.5	2.6	--	9.8	
06/10/03	354.66	73.06	0.00	281.60	0.64	ND<50	3.8	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.8	
09/09/03	354.66	74.19	0.00	280.47	-1.13	--	ND<50	ND<0.50	0.66	ND<0.50	ND<1.0	--	4.4	
12/10/03	354.66	70.99	0.00	283.67	3.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
03/09/04	354.66	66.61	0.00	288.05	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
MW-12	**(Screen Interval in feet: DNA)**													
09/25/01	354.08	80.78	0.00	273.30	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/17/01	354.08	80.02	0.00	274.06	0.76	77	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
03/15/02	354.08	78.88	0.00	275.20	1.14	ND<51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
06/20/02	354.08	80.34	0.00	273.74	-1.46	ND<58	0.83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.83	
09/27/02	354.08	81.50	0.00	272.58	-1.16	ND<100	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/30/02	354.08	78.20	0.00	275.88	3.30	ND<50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/26/03	354.08	72.80	0.00	281.28	5.40	ND<50	ND<2.0	0.57	1.6	ND<0.50	2.2	--	ND<2.0	
06/10/03	354.08	72.31	0.00	281.77	0.49	ND<50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/03	354.08	73.38	0.00	280.70	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	354.08	70.28	0.00	283.80	3.10	--	ND<50	ND<0.50	0.51	ND<0.50	1.1	--	ND<2.0	
03/09/04	354.08	65.69	0.00	288.39	4.59	--	ND<50	ND<0.50	0.54	ND<0.50	1.4	--	ND<2.0	

Table 3
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 7376

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-1								
12/07/94	ND	--	--	--	--	--	--	--
03/01/95	ND	--	--	--	--	--	--	--
06/01/95	130	--	--	--	--	--	--	--
09/06/95	ND	--	--	--	--	--	--	--
12/12/95	ND	--	--	--	--	--	--	--
03/01/96	ND	--	--	--	--	--	--	--
06/15/96	ND	--	--	--	--	--	--	--
09/18/96	ND	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
03/07/97	ND	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	59	--	--	--	--	--	--	--
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/15/99	ND	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	ND	ND<2.0	ND	ND	ND	ND	ND	--
12/06/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	ND	--	--	--	--	--	--	--
09/25/00	ND	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	ND	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-1 continued								
06/14/01	ND	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<50	--	ND<2.0	ND<40	ND<2.0	ND<2.0	ND<1,000	ND<2.0
03/15/02	ND<500	--	--	--	--	--	--	--
12/30/02	--	ND<8.0	ND<8.0	ND<400	ND<8.0	ND<8.0	ND<2,000	ND<8.0
03/26/03	--	ND<40	ND<40	ND<2,000	ND<40	ND<40	ND<10,000	ND<40
06/10/03	--	ND<80	ND<80	ND<4,000	ND<80	ND<80	ND<20,000	ND<80
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
MW-2								
12/08/87	1800	--	--	--	--	--	--	--
MW-2B								
03/01/95	ND	--	--	--	--	--	--	--
06/01/95	350	--	--	--	--	--	--	--
09/06/95	ND	--	--	--	--	--	--	--
12/12/95	1200	--	--	--	--	--	--	--
03/01/96	1000	--	--	--	--	--	--	--
06/15/96	910	--	--	--	--	--	--	--
09/18/96	1200	--	--	--	--	--	--	--
12/21/96	330	--	--	--	--	--	--	--
03/07/97	190	--	--	--	--	--	--	--
06/27/97	98	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	54	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	ND	--	--	--	--	--	--	--
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-2B	continued							
03/15/99	ND	--	ND	3800	13	ND	ND	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	ND	--	ND	3480	ND	ND	ND	--
12/06/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	ND	--	--	--	--	--	--	--
09/25/00	52.9	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	ND	--	--	--	--	--	--	--
06/14/01	ND	--	--	--	--	--	--	--
09/17/01	ND<200	--	--	--	--	--	--	--
06/10/03	--	ND<200	ND<200	ND<10,000	ND<200	ND<200	ND<50,000	ND<200
MW-3								
12/08/87	24000	--	--	--	--	--	--	--
12/07/94	ND	--	--	--	--	--	--	--
03/01/95	ND	--	--	--	--	--	--	--
06/01/95	62	--	--	--	--	--	--	--
09/06/95	4100	--	--	--	--	--	--	--
12/12/95	19000	--	--	--	--	--	--	--
03/01/96	3400	--	--	--	--	--	--	--
06/15/96	780	--	--	--	--	--	--	--
09/18/96	2800	--	--	--	--	--	--	--
12/21/96	51	--	--	--	--	--	--	--
03/07/97	1400	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	130	--	--	--	--	--	--	--
06/26/98	400	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-3 continued								
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/15/99	26000	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	23000	--	ND	ND	ND	ND	ND	--
12/06/99	41000	--	--	--	--	--	--	--
03/10/00	5100	--	--	--	--	--	--	--
06/08/00	1200	--	--	--	--	--	--	--
09/25/00	3400	--	--	--	--	--	--	--
12/19/00	6800	--	--	--	--	--	--	--
03/05/01	16800	--	--	--	--	--	--	--
06/14/01	1,800	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	1,800	ND<1.0	ND<1.0	26	ND<1.0	ND<1.0	ND<500	ND<1.0
03/15/02	15,000	--	--	--	--	--	--	--
06/20/02	3,700	--	--	--	--	--	--	--
09/27/02	210	--	--	--	--	--	--	--
12/30/02	5,900	ND<20	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	ND<20
03/26/03	7,200	ND<20	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	ND<20
06/10/03	360	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	5.3
09/09/03	ND<270	--	--	--	--	--	--	--
12/10/03	800	--	--	--	--	--	--	--
03/09/04	1100	--	--	--	--	--	--	--
MW-4								
09/18/96	160	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
03/07/97	ND	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	ND	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-4 continued								
12/15/97	ND	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	100	--	--	--	--	--	--	--
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/15/99	ND	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	ND	--	ND	ND	ND	ND	ND	--
12/06/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	ND	--	--	--	--	--	--	--
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	56	--	--	--	--	--	--	--
MW-5								
09/18/96	36000	--	--	--	--	--	--	--
12/21/96	25000	--	--	--	--	--	--	--
03/07/97	14000	--	--	--	--	--	--	--
06/26/98	490	--	--	--	--	--	--	--
06/07/99	210000	--	ND	ND	ND	ND	ND	--
03/09/04	110000	--	--	--	--	--	--	--
MW-6								
09/18/96	160	--	--	--	--	--	--	--
12/21/96	300	--	--	--	--	--	--	--
03/07/97	1800	--	--	--	--	--	--	--
06/27/97	ND	--	--	--	--	--	--	--
09/29/97	62	--	--	--	--	--	--	--
12/15/97	78	--	--	--	--	--	--	--

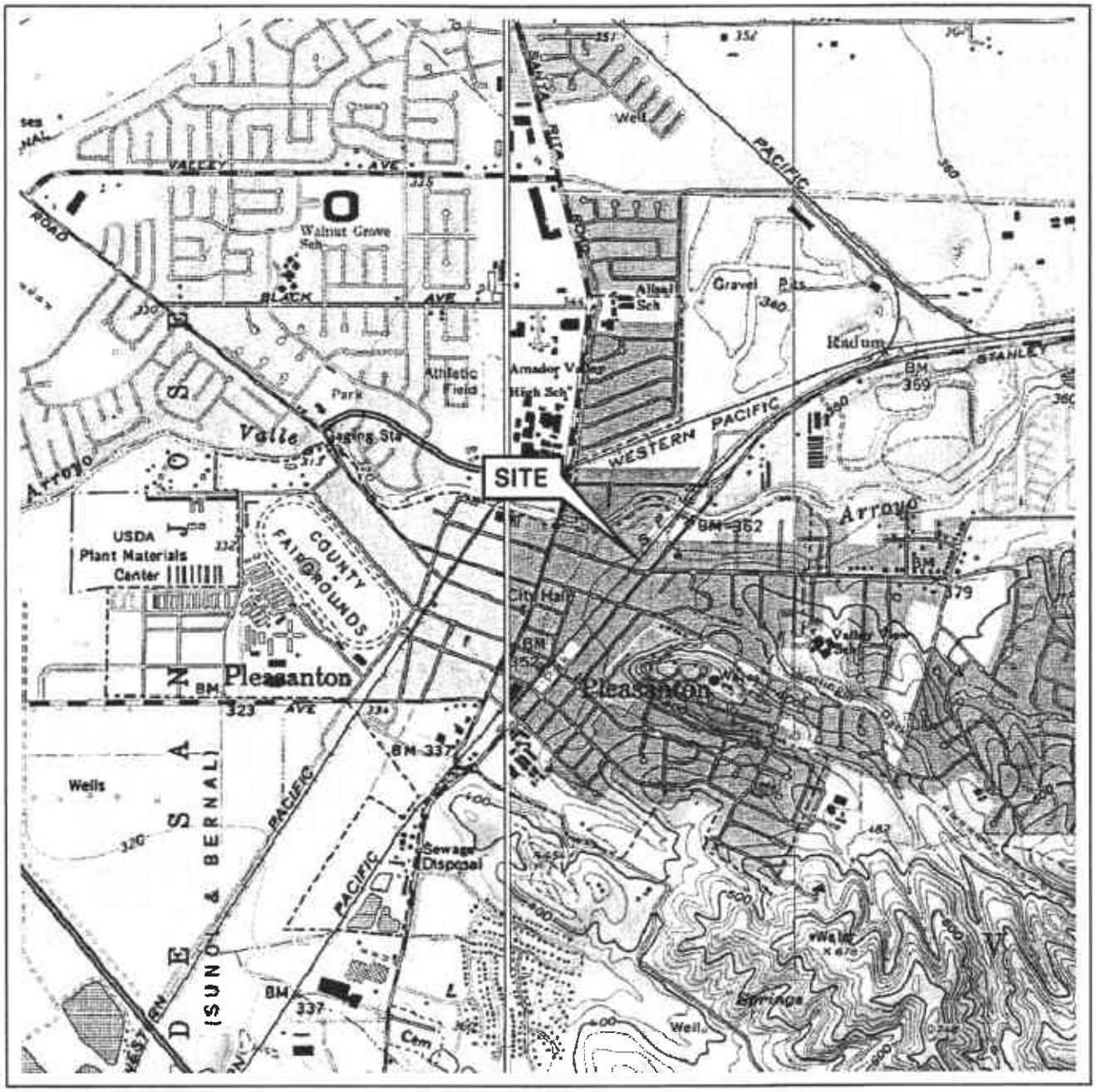
Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-6 continued								
03/16/98	210	--	--	--	--	--	--	--
06/26/98	530	--	--	--	--	--	--	--
12/23/98	120	--	--	--	--	--	--	--
03/15/99	62	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
03/09/04	110	--	--	--	--	--	--	--
MW-7								
08/18/98	4000	--	--	--	--	--	--	--
09/22/98	3200	--	--	--	--	--	--	--
12/15/98	1900	--	--	--	--	--	--	--
03/15/99	2700	--	ND	610	4.3	ND	ND	--
06/07/99	2600	--	--	--	--	--	--	--
09/03/99	870	--	ND	460	4.36	ND	ND	--
12/06/99	1900	--	--	--	--	--	--	--
03/10/00	2900	--	--	--	--	--	--	--
06/08/00	625	--	--	--	--	--	--	--
09/25/00	2180	--	--	--	--	--	--	--
12/19/00	5900	--	--	--	--	--	--	--
03/05/01	13200	--	--	--	--	--	--	--
06/14/01	6,400	--	--	--	--	--	--	--
09/17/01	11,000	--	--	--	--	--	--	--
12/17/01	5,800	ND<10	ND<10	ND<200	ND<10	ND<10	ND<5,000	ND<10
03/15/02	2,800	--	--	--	--	--	--	--
06/20/02	9,900	--	--	--	--	--	--	--
09/27/02	4,200	--	--	--	--	--	--	--
12/30/02	2,400	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2,500	ND<10
03/26/03	5,300	ND<40	ND<40	ND<2,000	ND<40	ND<40	ND<10,000	ND<40
06/10/03	1,300	ND<20	ND<20	ND<1,000	ND<20	ND<20	ND<5,000	ND<20

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-7 continued								
09/09/03	430	--	--	--	--	--	--	--
12/10/03	450	--	--	--	--	--	--	--
03/09/04	640	--	--	--	--	--	--	--
MW-8								
06/26/98	ND	--	--	--	--	--	--	--
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
03/23/99	ND	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
09/03/99	ND	--	ND	ND	12.4	ND	ND	--
12/06/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	ND	--	--	--	--	--	--	--
09/25/00	ND	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	ND	--	--	--	--	--	--	--
06/14/01	ND	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<50	ND<1.0	ND<1.0	77	9.8	ND<1.0	ND<500	ND<1.0
03/15/02	ND<50	--	--	--	--	--	--	--
06/20/02	83	--	--	--	--	--	--	--
09/27/02	160	--	--	--	--	--	--	--
12/30/02	75	ND<2.0	ND<2.0	ND<100	7.1	ND<2.0	ND<500	ND<2.0
03/26/03	110	ND<2.0	ND<2.0	ND<100	7.1	ND<2.0	ND<500	ND<2.0
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
09/09/03	58	--	--	--	--	--	--	--
12/10/03	86	--	--	--	--	--	--	--
03/09/04	92	--	--	--	--	--	--	--
MW-9								

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-9 continued								
12/06/99	ND	ND	ND	ND	ND	ND	--	ND
03/10/00	ND	--	--	--	--	--	--	--
06/08/00	ND	--	--	--	--	--	--	--
09/25/00	ND	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
03/05/01	ND	--	--	--	--	--	--	--
06/14/01	ND	--	--	--	--	--	--	--
09/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<50	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
03/15/02	ND<50	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<50	--	--	--	--	--	--	--
12/30/02	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
03/26/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
MW-10								
03/10/00	ND	ND	ND	ND	ND	ND	--	22
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
03/09/04	140	--	--	--	--	--	--	--
MW-11								
09/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<50	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
03/15/02	ND<50	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<50	--	--	--	--	--	--	--
12/30/02	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-11	**continued**							
03/26/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
MW-12								
09/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<50	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
03/15/02	ND<50	--	--	--	--	--	--	--
06/20/02	ND<50	--	--	--	--	--	--	--
09/27/02	ND<50	--	--	--	--	--	--	--
12/30/02	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
03/26/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
06/10/03	ND<50	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	220	--	--	--	--	--	--	--

FIGURES



VICINITY MAP

76 Station 7376
4191 First Street
Pleasanton, California

SOURCE:

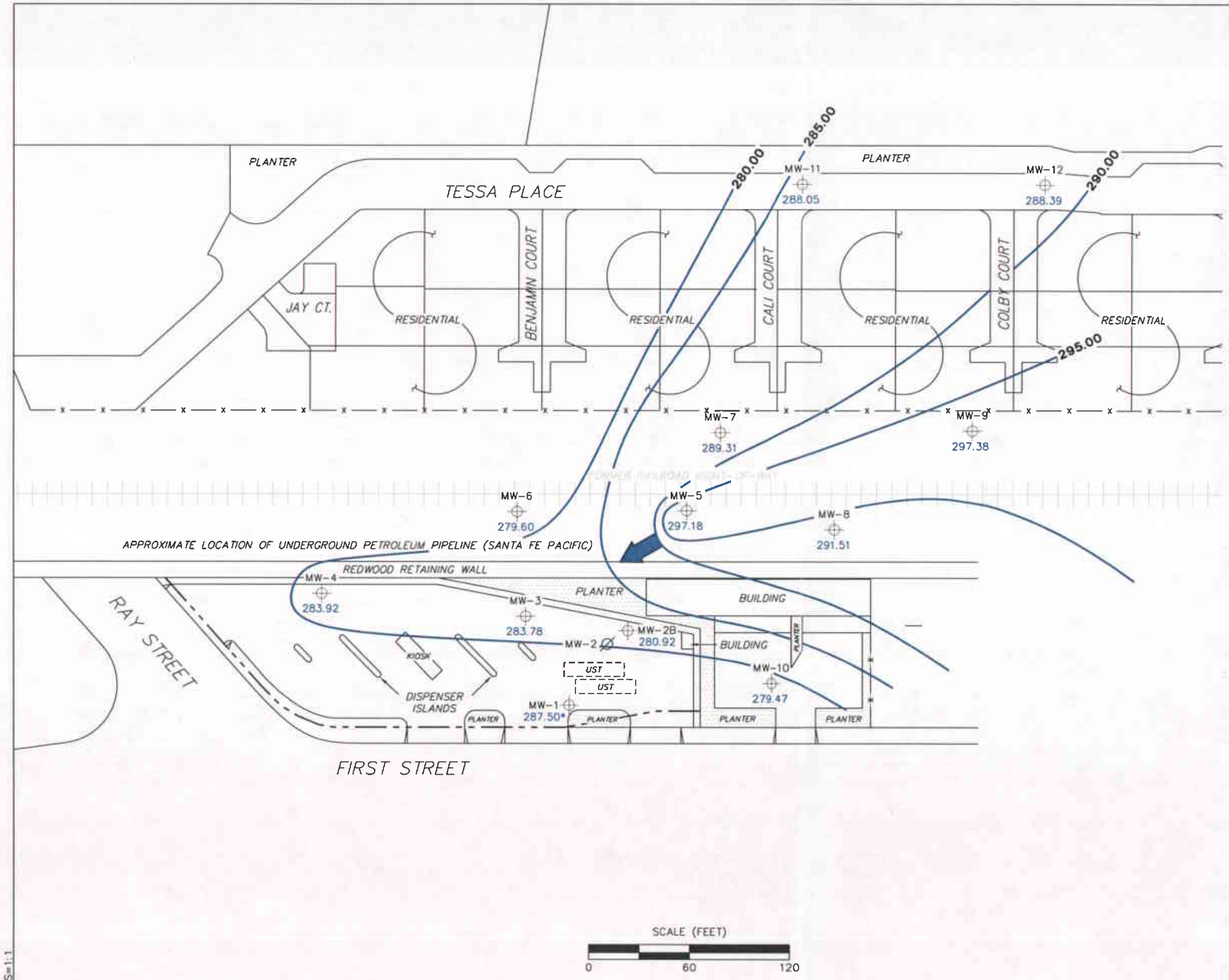
United States Geological Survey
7.5 Minute Topographic Map:
Livermore Quadrangle

TRC

PS = 1:1

FIGURE 1

Graphics on Ir1(i:)\VICINITY MAPS\7376vm.dwg 11/21/03 cme



N

LEGEND

MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)

MW-2 ∅ Abandoned well

295.00 —— Groundwater Elevation Contour

General Direction of Groundwater Flow

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. * not included in groundwater contour interpretation.

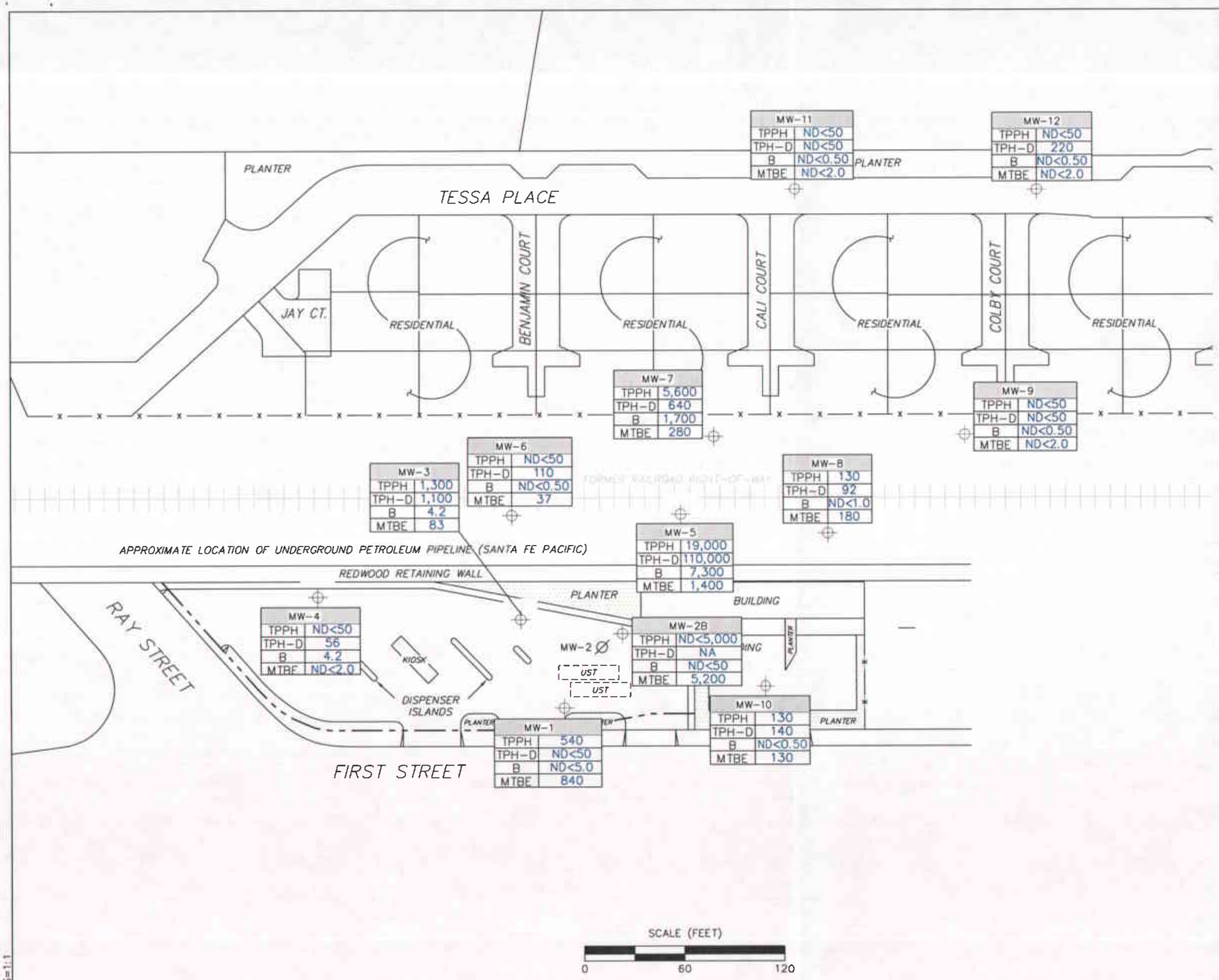
GROUNDWATER ELEVATION CONTOUR MAP
March 9, 2004

76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 2

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 4/6/04 bbs



N

LEGEND

Well No.
TPPH µg/l
TPH-D µg/l
B µg/l
MTBE µg/l

⊕ Monitoring Well with Dissolved-Phase Hydrocarbon Concentrations (µg/l)

MW-2 ∅ Abandoned well

NOTES:

B = benzene. TPH-D = total petroleum hydrocarbons as diesel. TPPH = total purgeable petroleum hydrocarbons. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. MTBE and TPPH results obtained using EPA Method 8260B.

DISSOLVED-PHASE HYDROCARBON CONCENTRATION MAP
March 9, 2004

76 Station 7376
4191 First Street
Pleasanton, California

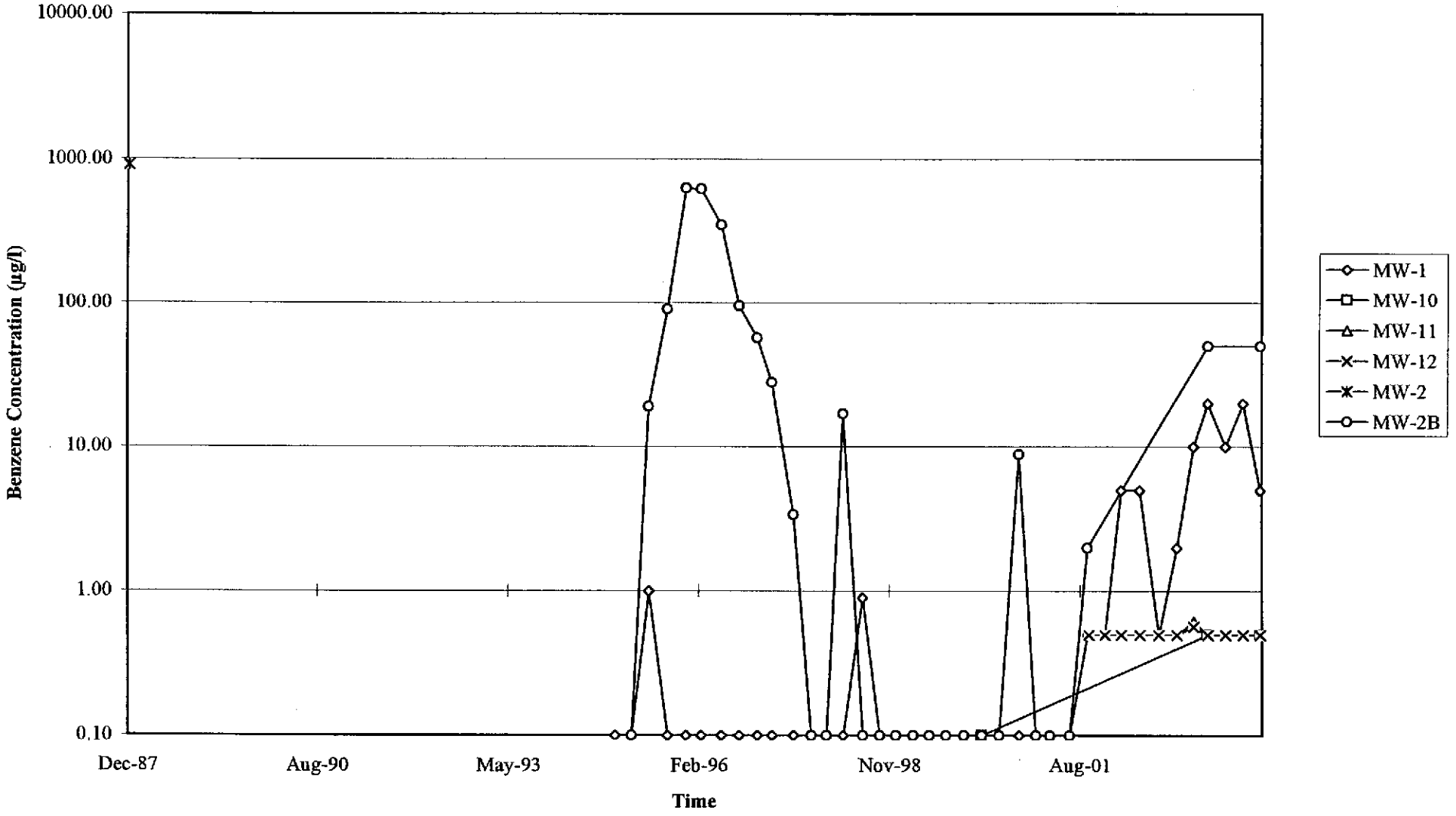
TRC

FIGURE 3

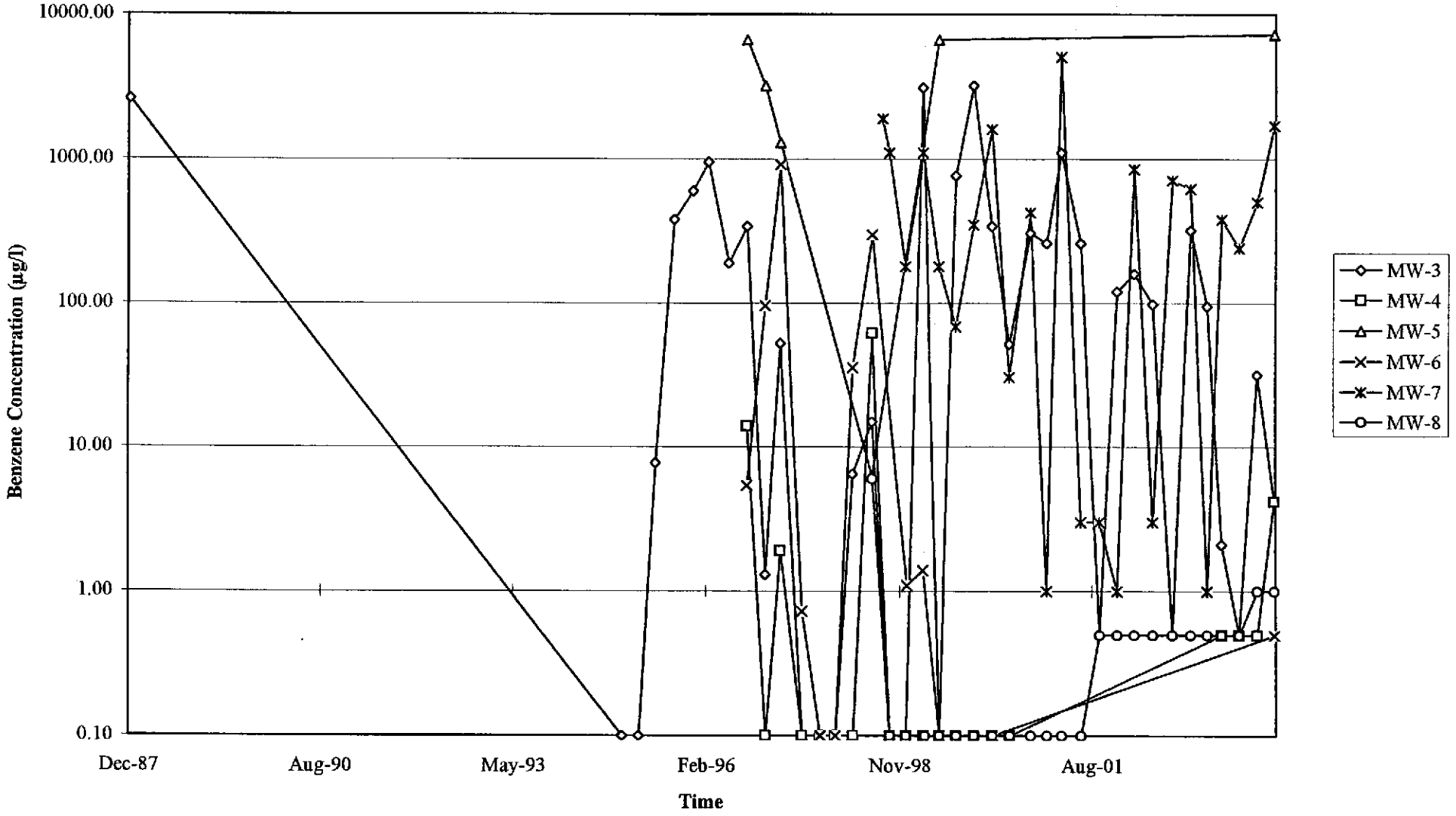
Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 4/6/04 bbs

GRAPHS

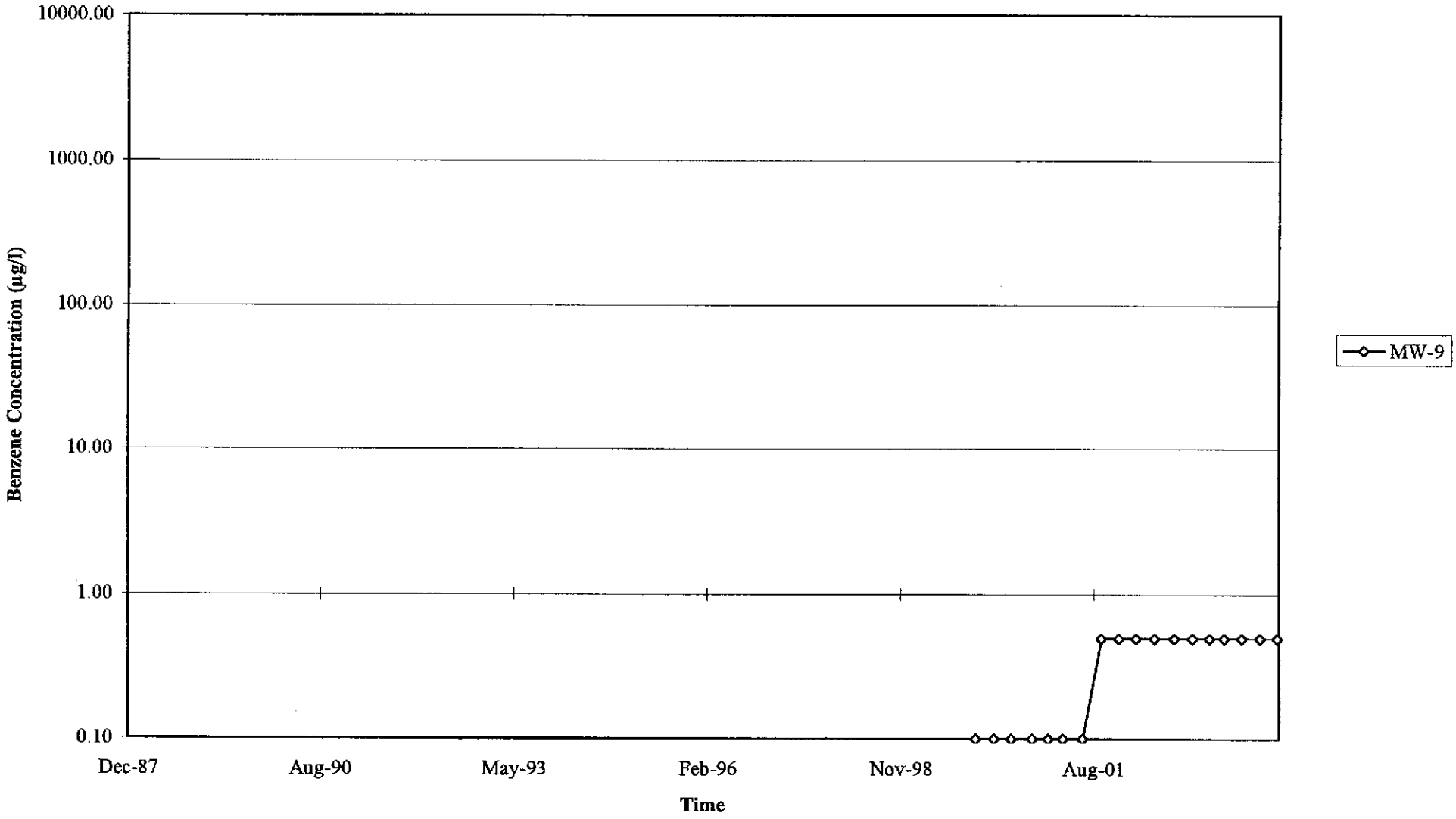
Graph 1
Benzene Concentrations vs. Time
76 Station 7376



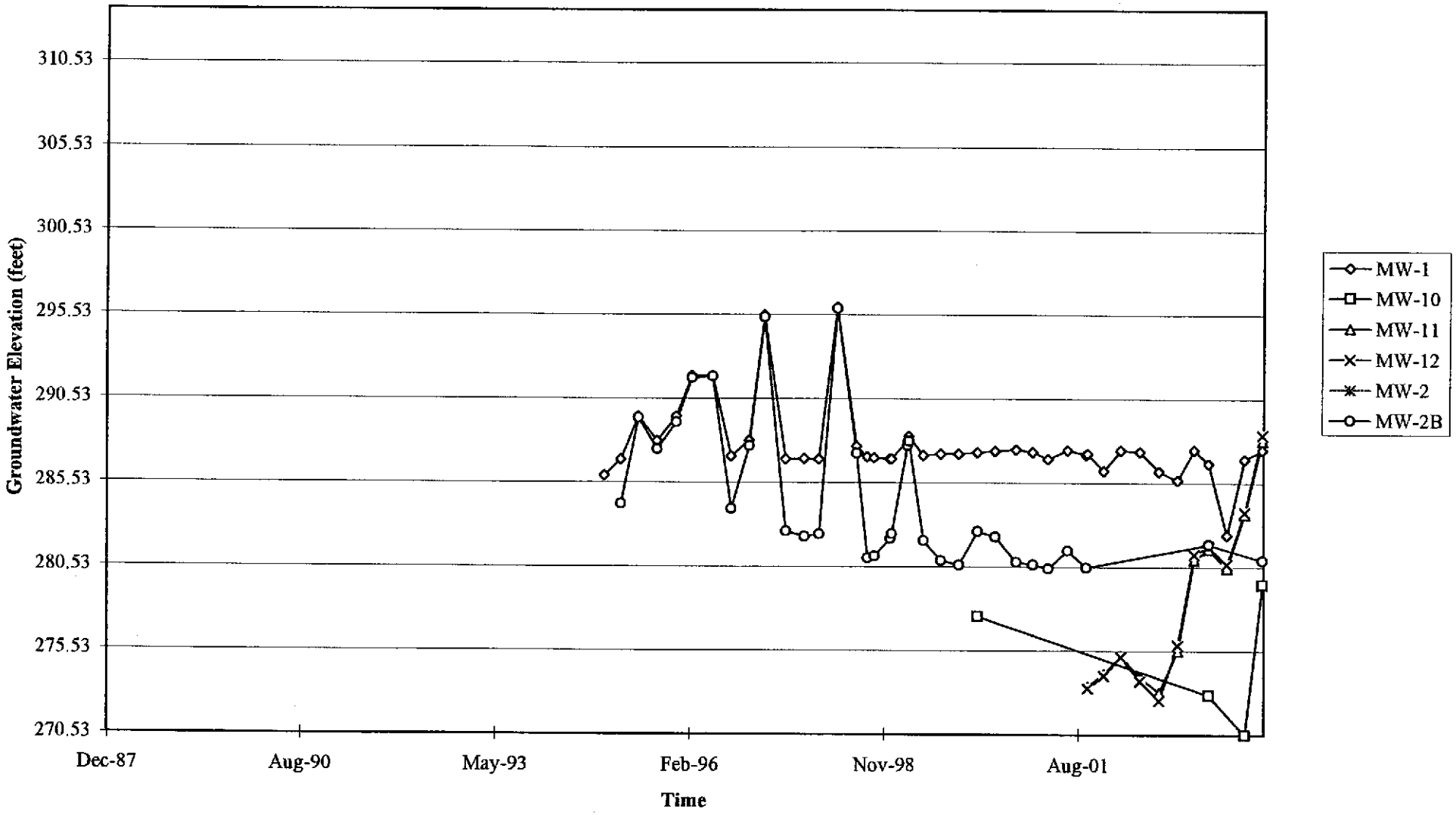
Graph 2
Benzene Concentrations vs. Time
76 Station 7376



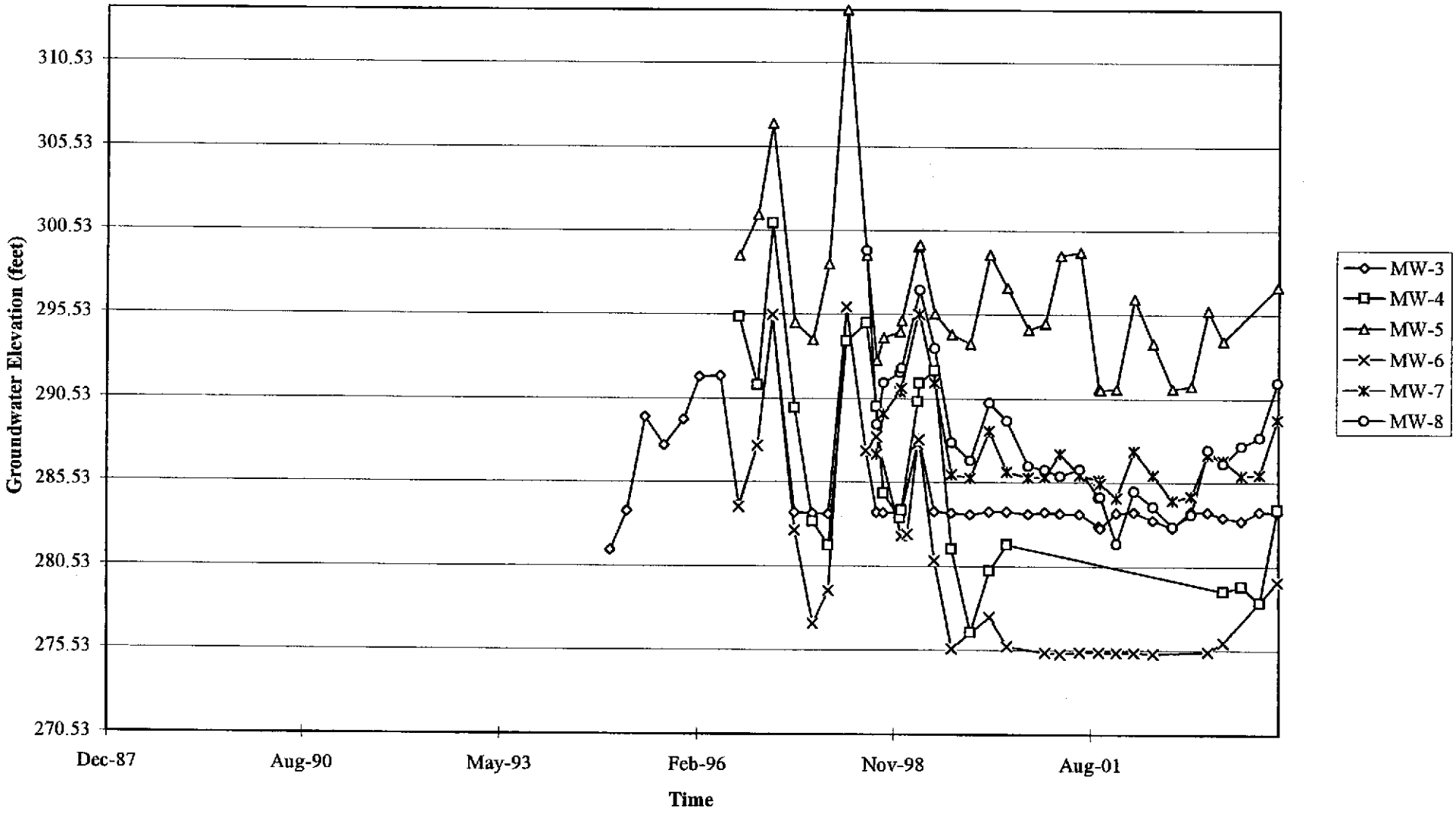
Graph 3
Benzene Concentrations vs. Time
76 Station 7376



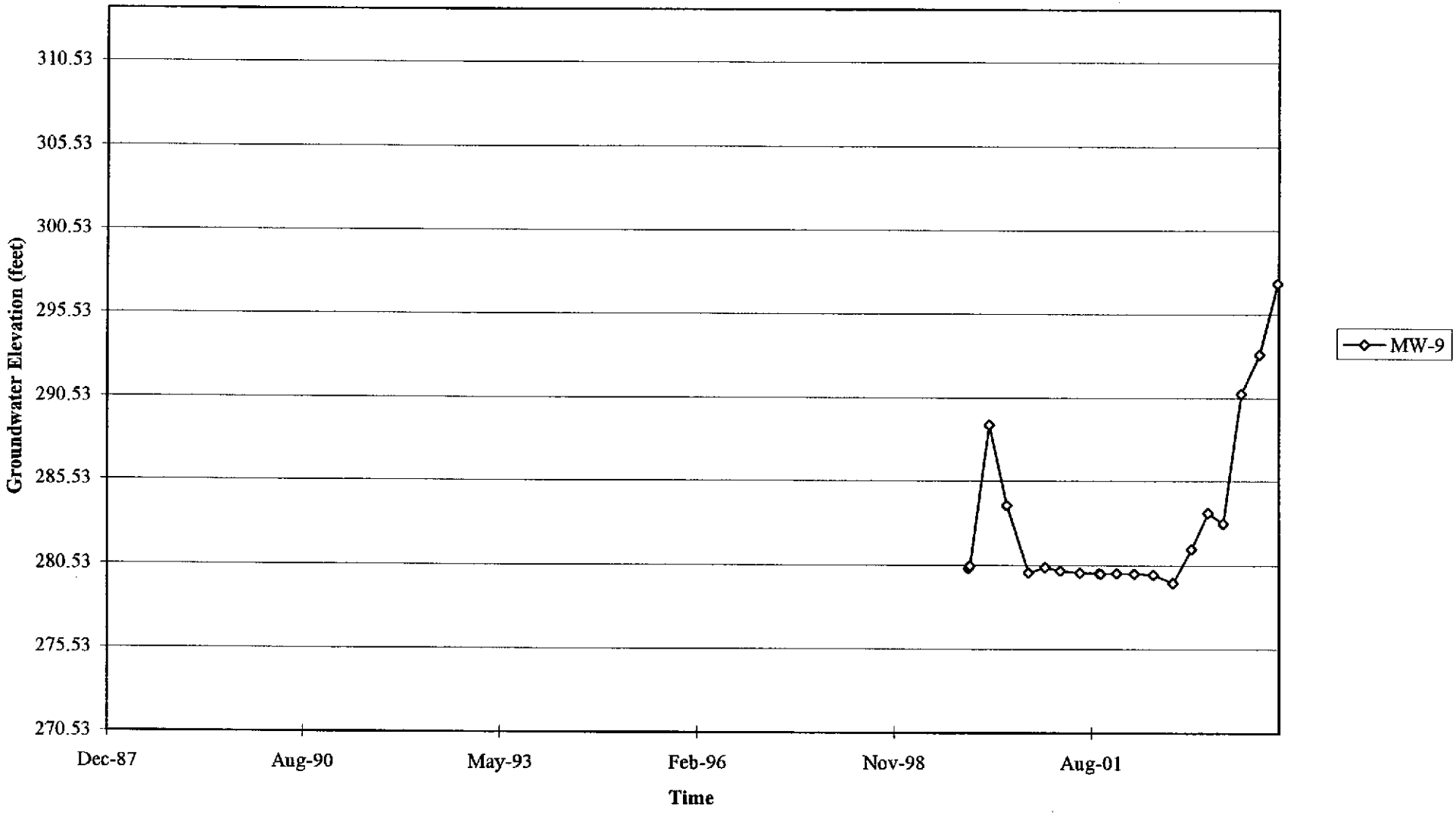
Graph 4
Hydrograph
76 Station 7376



Graph 5
Hydrograph
76 Station 7376



Graph 6
Hydrograph
76 Station 7376



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: ALEX / JACK Job #/Task #: 410500 1 Date: 3-9-04

Site # 7376 Project Manager Barbara Moed Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-9		✓	7785	65.24	ϕ	ϕ	0907	2"
MW-4		✓	92.75	84.89	ϕ	ϕ	1130	2"
MW-12		✓	89.28	65.69	ϕ	ϕ	0807	2"
MW-8		✓	84.53	70.32	ϕ	ϕ	0925	2"
MW-11		✓	85.98	66.61	ϕ	ϕ	0740	2"
MW-1		✓	86.39	79.48	ϕ	ϕ	1320	2"
MW-3		✓	94.05	83.23	ϕ	ϕ	1350	2"
MW-7		✓	76.71	66.66	ϕ	ϕ	0957	2"
MW-2B		✓	85.19	84.13	ϕ	ϕ	1254	2"
MW-6		✓	87.93	83.53	ϕ	ϕ	1050	2"
MW-5		✓	72.46	66.03	ϕ	ϕ	1010	2"
MW-10		✓	90.24	83.15	ϕ	ϕ	1220	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 7370 Project No.: 40 500 01 Date: 3-9-04

Well No.: MW-11 Purge Method: SUB

Depth to Water (feet): 66.61 Depth to Product (feet): 0

Total Depth (feet): 85.98 LPH & Water Recovered (gallons): 0

Water Column (feet): 19.37 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 70.48 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0704			3	402	12.9	7.05		
			6	776	18.1	6.48		
	0726		9	780	19.4	6.40		

Static at Time Sampled	Total Gallons Purged	Time Sampled
67.62	9	0740

Comments: ~~DRAFT 3 GAL~~. JG

Well No.: MW-1 Purge Method: SUB

Depth to Water (feet): 79.48 Depth to Product (feet): 0

Total Depth (feet): 80.39 LPH & Water Recovered (gallons): 0

Water Column (feet): 0.91 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 80.86 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1105			1	760	21.9	6.61		
			2	760	21.8	6.61		
	1129		3	774	22.6	6.34		

Static at Time Sampled	Total Gallons Purged	Time Sampled
80.25	3	1320

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX/JACK

Site: MW 7376 Project No.: 41050001/FA20 Date: 3/9/-4

Well No.: MW-12 Purge Method: SUB

Depth to Water (feet): 65.69 Depth to Product (feet): 0

Total Depth (feet): 89.28 LPH & Water Recovered (gallons): 0

Water Column (feet): 23.59 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 70.40 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0743			4	623	14.8	6.85		
			8	496	15.3	6.75		
	0803		12	676	19.4	6.37		

Static at Time Sampled	Total Gallons Purged	Time Sampled
65.91	12	0807

Comments:

Well No.: MW-8 Purge Method: SUB

Depth to Water (feet): 70.32 Depth to Product (feet): 0

Total Depth (feet): 84.53 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.21 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 81.16 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0847			2	872	17.5	6.20		
			4	676	18.4	6.16		
	0916		6	828	19.6	6.15		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7498	6	0925

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX / JACK

Site: 7376 Project No.: 41C50001 Date: 3-9-04

Well No.: MW-9 Purge Method: ~~SUB~~ A.M HANDBAIL

Depth to Water (feet): 65.24 Depth to Product (feet): Ø

Total Depth (feet): 77.85 LPH & Water Recovered (gallons): Ø

Water Column (feet): 12.61 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 67.76 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0830			2	722	18.3	6.67		
			4	~~777~~ 775	~~18.8~~ A.M 18.9	~~6.31~~ A.M	6.49	
	0934		6	715	18.8	6.33		

Static at Time Sampled	Total Gallons Purged	Time Sampled
65.85	6	0907

Comments:

Well No.: MW-4 Purge Method: SUB

Depth to Water (feet): 84.89 Depth to Product (feet): Ø

Total Depth (feet): 92.75 LPH & Water Recovered (gallons): Ø

Water Column (feet): 7.86 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 86.46 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
1105			1	1017	24.3	6.19		
			2	1003	23.7	6.45		
	1114		3	1008	22.7	6.30		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8644	3	1130

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 7376 Project No.: 410-0001 Date: 3-9-04

Well No.: MW-5 Purge Method: SUB

Depth to Water (feet): 66.03 Depth to Product (feet): 0

Total Depth (feet): 72.46 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.43 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 67.31 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0936			1	879	20.0	6.30		
			2	874	18.2	6.26		
	0950		3	1029	19.9	6.23		

Static at Time Sampled		Total Gallons Purged	Time Sampled
67.19		3	1040

Comments:

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

Depth to Water (feet): 83.15 Depth to Product (feet): 0

Total Depth (feet): 90.24 LPH & Water Recovered (gallons): 0

Water Column (feet): 7.09 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 84.56 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1145			1	564	22.4	10.70		
			2	554	22.3	10.12		
	1212		3	680	22.2	6.71		

Static at Time Sampled		Total Gallons Purged	Time Sampled
83.15		3	1220

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 7376 Project No.: 4105001 Date: 3-9-04

Well No.: MW-2B Purge Method: ~~SUB~~ HANDBAIL

Depth to Water (feet): 84.13 Depth to Product (feet): 0

Total Depth (feet): 85.19 LPH & Water Recovered (gallons): 0

Water Column (feet): 1.06 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 84.34 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1218			1	943	22.7	6.32		
			2	914	22.3	6.40		
	1181		3	920	22.2	6.35		

Static at Time Sampled	Total Gallons Purged	Time Sampled
84.29	3	1254

Comments: SAMPLED 3 VOA's DIDN'T SAMPLE GET SAMPLE FOR AMBER (WELL DRY)

Well No.: MW-6 Purge Method: SUB

Depth to Water (feet): 83.53 Depth to Product (feet): 0

Total Depth (feet): 87.93 LPH & Water Recovered (gallons): 0

Water Column (feet): 4.40 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 84.41 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1025			1	710	21.8	6.28		
			2	709	20.4	6.21		
	1042		3	716	20.3	6.23		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8385	3	1050

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 7376 Project No.: 406501 Date: 3-9-04

SUB

Well No.: MW-3 Purge Method: B

Depth to Water (feet): 83.23 Depth to Product (feet): 0

Total Depth (feet): 94.05 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.82 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 85.39 1 Well Volume (gallons): 2"

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1140			2	581	27.1	6.94		
			4	850	24.0	6.37		
	1150		6	846	25.8	6.92		

Static at Time Sampled	Total Gallons Purged	Time Sampled
90.51	6	1350

Comments: DIDN'T RECOVER IN 2 HRS.

Well No.: MW-7 Purge Method: HAND BAIL

Depth to Water (feet): 66.64 Depth to Product (feet): 0

Total Depth (feet): 76.71 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.05 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 68.07 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0928			2	1038	18.8	6.24		
			4	1028	18.7	6.26		
	0954		6	1014	18.7	6.24		

Static at Time Sampled	Total Gallons Purged	Time Sampled
68.57	6	0957

Comments:

SEVERN TRENT STL

Submission#: 2004-03-0369

TRC Alton Geoscience

March 29, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips # 7376
Site: 4191 First St.

Attached is our report for your samples received on 03/10/2004 17:20
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 04/24/2004 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 #: 2004-03-0369

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-9	03/09/2004 09:07	Water	1
MW-4	03/09/2004 11:30	Water	2
MW-12	03/09/2004 08:07	Water	3
MW-8	03/09/2004 09:25	Water	4
MW-11	03/09/2004 07:40	Water	5
MW-3	03/09/2004 13:50	Water	6
MW-7	03/09/2004 09:57	Water	7
MW-2B	03/09/2004 12:54	Water	8
MW-6	03/09/2004 10:50	Water	9
MW-5	03/09/2004 10:10	Water	10
MW-1	03/09/2004 13:20	Water	11
MW-10	03/09/2004 12:20	Water	12

Gas/BTEX/MTBE by 8260B

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Site: 4191 First St.

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

Sample ID: **MW-9**
Lab ID: 2004-03-0369 - 1

Sampled: 03/09/2004 09:07
Extracted: 3/23/2004 04:06

Matrix: Water
QC Batch#: 2004/03/22-2B.64

Analysis Flag: ,gs (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/23/2004 04:06	
Benzene	ND	0.50	ug/L	1.00	03/23/2004 04:06	
Toluene	ND	0.50	ug/L	1.00	03/23/2004 04:06	
Ethylbenzene	ND	0.50	ug/L	1.00	03/23/2004 04:06	
Total xylenes	ND	1.0	ug/L	1.00	03/23/2004 04:06	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/23/2004 04:06	
Surrogate(s)						
1,2-Dichloroethane-d4	106.2	76-114	%	1.00	03/23/2004 04:06	
Toluene-d8	95.2	88-110	%	1.00	03/23/2004 04:06	

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Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 03/09/2004 11:30
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 2
Extracted: 3/23/2004 01:03
QC Batch#: 2004/03/22-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/23/2004 01:03	
Benzene	4.2	0.50	ug/L	1.00	03/23/2004 01:03	
Toluene	0.59	0.50	ug/L	1.00	03/23/2004 01:03	
Ethylbenzene	2.0	0.50	ug/L	1.00	03/23/2004 01:03	
Total xylenes	1.3	1.0	ug/L	1.00	03/23/2004 01:03	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/23/2004 01:03	
Surrogate(s)						
1,2-Dichloroethane-d4	99.6	76-114	%	1.00	03/23/2004 01:03	
Toluene-d8	93.2	88-110	%	1.00	03/23/2004 01:03	

Gas/BTEX/MTBE by 8260B

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Site: 4191 First St.

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

Sample ID: **MW-12**
Lab ID: 2004-03-0369 - 3

Sampled: 03/09/2004 08:07
Extracted: 3/22/2004 11:34

Matrix: Water
QC Batch#: 2004/03/22-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/22/2004 11:34	
Benzene	ND	0.50	ug/L	1.00	03/22/2004 11:34	
Toluene	0.54	0.50	ug/L	1.00	03/22/2004 11:34	
Ethylbenzene	ND	0.50	ug/L	1.00	03/22/2004 11:34	
Total xylenes	1.4	1.0	ug/L	1.00	03/22/2004 11:34	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/22/2004 11:34	
Surrogate(s)						
1,2-Dichloroethane-d4	92.7	76-114	%	1.00	03/22/2004 11:34	
Toluene-d8	92.3	88-110	%	1.00	03/22/2004 11:34	

Gas/BTEX/MTBE by 8260B

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Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-8**
Sampled: 03/09/2004 09:25
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-03-0369 - 4
Extracted: 3/23/2004 14:34
QC Batch#: 2004/03/23-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	130	100	ug/L	2.00	03/23/2004 14:34	g
Benzene	ND	1.0	ug/L	2.00	03/23/2004 14:34	
Toluene	ND	1.0	ug/L	2.00	03/23/2004 14:34	
Ethylbenzene	ND	1.0	ug/L	2.00	03/23/2004 14:34	
Total xylenes	ND	2.0	ug/L	2.00	03/23/2004 14:34	
Methyl tert-butyl ether (MTBE)	180	4.0	ug/L	2.00	03/23/2004 14:34	
Surrogate(s)						
1,2-Dichloroethane-d4	108.3	76-114	%	2.00	03/23/2004 14:34	
Toluene-d8	92.1	88-110	%	2.00	03/23/2004 14:34	

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Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-11**
Sampled: 03/09/2004 07:40
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 5
Extracted: 3/23/2004 01:41
QC Batch#: 2004/03/22-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/23/2004 01:41	
Benzene	ND	0.50	ug/L	1.00	03/23/2004 01:41	
Toluene	ND	0.50	ug/L	1.00	03/23/2004 01:41	
Ethylbenzene	ND	0.50	ug/L	1.00	03/23/2004 01:41	
Total xylenes	ND	1.0	ug/L	1.00	03/23/2004 01:41	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/23/2004 01:41	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	76-114	%	1.00	03/23/2004 01:41	
Toluene-d8	89.6	88-110	%	1.00	03/23/2004 01:41	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips # 7376

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Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 03/09/2004 13:50
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 6
Extracted: 3/23/2004 02:00
QC Batch#: 2004/03/22-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1300	50	ug/L	1.00	03/23/2004 02:00	
Benzene	4.2	0.50	ug/L	1.00	03/23/2004 02:00	
Toluene	0.67	0.50	ug/L	1.00	03/23/2004 02:00	
Ethylbenzene	6.4	0.50	ug/L	1.00	03/23/2004 02:00	
Total xylenes	91	1.0	ug/L	1.00	03/23/2004 02:00	
Methyl tert-butyl ether (MTBE)	83	2.0	ug/L	1.00	03/23/2004 02:00	
Surrogate(s)						
1,2-Dichloroethane-d4	101.9	76-114	%	1.00	03/23/2004 02:00	
Toluene-d8	89.8	88-110	%	1.00	03/23/2004 02:00	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
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Received: 03/10/2004 17:20

Site: 4191 First St.

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

Sample ID: **MW-7**
Lab ID: 2004-03-0369 - 7

Sampled: 03/09/2004 09:57
Extracted: 3/22/2004 11:56

Matrix: Water
QC Batch#: 2004/03/22-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	5600	1000	ug/L	20.00	03/22/2004 11:56	
Benzene	1700	10	ug/L	20.00	03/22/2004 11:56	
Toluene	11	10	ug/L	20.00	03/22/2004 11:56	
Ethylbenzene	34	10	ug/L	20.00	03/22/2004 11:56	
Total xylenes	ND	20	ug/L	20.00	03/22/2004 11:56	
Methyl tert-butyl ether (MTBE)	280	40	ug/L	20.00	03/22/2004 11:56	
Surrogate(s)						
1,2-Dichloroethane-d4	99.3	76-114	%	20.00	03/22/2004 11:56	
Toluene-d8	92.6	88-110	%	20.00	03/22/2004 11:56	

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Submission #: 2004-03-0369

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

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

Sample ID: **MW-2B**
Lab ID: 2004-03-0369 - 8

Sampled: 03/09/2004 12:54
Extracted: 3/22/2004 12:18

Matrix: Water
QC Batch#: 2004/03/22-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	5000	ug/L	100.00	03/22/2004 12:18	
Benzene	ND	50	ug/L	100.00	03/22/2004 12:18	
Toluene	ND	50	ug/L	100.00	03/22/2004 12:18	
Ethylbenzene	ND	50	ug/L	100.00	03/22/2004 12:18	
Total xylenes	ND	100	ug/L	100.00	03/22/2004 12:18	
Methyl tert-butyl ether (MTBE)	5200	200	ug/L	100.00	03/22/2004 12:18	
Surrogate(s)						
1,2-Dichloroethane-d4	106.3	76-114	%	100.00	03/22/2004 12:18	
Toluene-d8	94.3	88-110	%	100.00	03/22/2004 12:18	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-6**
Sampled: 03/09/2004 10:50
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 9
Extracted: 3/22/2004 22:34
QC Batch#: 2004/03/22-2B.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/22/2004 22:34	
Benzene	ND	0.50	ug/L	1.00	03/22/2004 22:34	
Toluene	ND	0.50	ug/L	1.00	03/22/2004 22:34	
Ethylbenzene	ND	0.50	ug/L	1.00	03/22/2004 22:34	
Total xylenes	ND	1.0	ug/L	1.00	03/22/2004 22:34	
Methyl tert-butyl ether (MTBE)	37	2.0	ug/L	1.00	03/22/2004 22:34	
Surrogate(s)						
1,2-Dichloroethane-d4	93.7	76-114	%	1.00	03/22/2004 22:34	
Toluene-d8	89.2	88-110	%	1.00	03/22/2004 22:34	

SEVERN TRENT STL

Submission #: 2004-03-0369

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-5**
Sampled: 03/09/2004 10:10
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 10
Extracted: 3/22/2004 13:03
QC Batch#: 2004/03/22-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	19000	5000	ug/L	100.00	03/22/2004 13:03	
Benzene	7300	50	ug/L	100.00	03/22/2004 13:03	
Toluene	370	50	ug/L	100.00	03/22/2004 13:03	
Ethylbenzene	910	50	ug/L	100.00	03/22/2004 13:03	
Total xylenes	890	100	ug/L	100.00	03/22/2004 13:03	
Methyl tert-butyl ether (MTBE)	1400	200	ug/L	100.00	03/22/2004 13:03	
Surrogate(s)						
1,2-Dichloroethane-d4	112.9	76-114	%	100.00	03/22/2004 13:03	
Toluene-d8	94.9	88-110	%	100.00	03/22/2004 13:03	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

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

Sample ID: **MW-1**
Lab ID: 2004-03-0369 - 11

Sampled: 03/09/2004 13:20
Extracted: 3/23/2004 14:56

Matrix: Water
QC Batch#: 2004/03/23-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	540	500	ug/L	10.00	03/23/2004 14:56	g
Benzene	ND	5.0	ug/L	10.00	03/23/2004 14:56	
Toluene	ND	5.0	ug/L	10.00	03/23/2004 14:56	
Ethylbenzene	ND	5.0	ug/L	10.00	03/23/2004 14:56	
Total xylenes	ND	10	ug/L	10.00	03/23/2004 14:56	
Methyl tert-butyl ether (MTBE)	840	20	ug/L	10.00	03/23/2004 14:56	
Surrogate(s)						
1,2-Dichloroethane-d4	110.1	76-114	%	10.00	03/23/2004 14:56	
Toluene-d8	95.0	88-110	%	10.00	03/23/2004 14:56	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 5030B
Sample ID: **MW-10**
Sampled: 03/09/2004 12:20
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0369 - 12
Extracted: 3/23/2004 02:19
QC Batch#: 2004/03/22-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	130	50	ug/L	1.00	03/23/2004 02:19	g
Benzene	ND	0.50	ug/L	1.00	03/23/2004 02:19	
Toluene	ND	0.50	ug/L	1.00	03/23/2004 02:19	
Ethylbenzene	ND	0.50	ug/L	1.00	03/23/2004 02:19	
Total xylenes	ND	1.0	ug/L	1.00	03/23/2004 02:19	
Methyl tert-butyl ether (MTBE)	130	2.0	ug/L	1.00	03/23/2004 02:19	
Surrogate(s)						
1,2-Dichloroethane-d4	103.2	76-114	%	1.00	03/23/2004 02:19	
Toluene-d8	88.6	88-110	%	1.00	03/23/2004 02:19	

Gas/BTEX/MTBE by 8260B

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Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

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

Method Blank **Water** **QC Batch # 2004/03/22-1A.64**

MB: 2004/03/22-1A.64-012
Date Extracted: 03/22/2004 09:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/22/2004 09:12	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/22/2004 09:12	
Benzene	ND	0.5	ug/L	03/22/2004 09:12	
Toluene	ND	0.5	ug/L	03/22/2004 09:12	
Ethylbenzene	ND	0.5	ug/L	03/22/2004 09:12	
Total xylenes	ND	1.0	ug/L	03/22/2004 09:12	
Surrogates(s)					
1,2-Dichloroethane-d4	94.4	76-114	%	03/22/2004 09:12	
Toluene-d8	93.6	88-110	%	03/22/2004 09:12	

Gas/BTEX/MTBE by 8260B

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Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/03/22-2B.64-048

Water

Test(s): 8260B
QC Batch # 2004/03/22-2B.64
Date Extracted: 03/22/2004 19:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/22/2004 19:48	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/22/2004 19:48	
Benzene	ND	0.5	ug/L	03/22/2004 19:48	
Toluene	ND	0.5	ug/L	03/22/2004 19:48	
Ethylbenzene	ND	0.5	ug/L	03/22/2004 19:48	
Total xylenes	ND	1.0	ug/L	03/22/2004 19:48	
Surrogates(s)					
1,2-Dichloroethane-d4	97.4	76-114	%	03/22/2004 19:48	
Toluene-d8	90.6	88-110	%	03/22/2004 19:48	

Gas/BTEX/MTBE by 8260B

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Site: 4191 First St.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/03/22-2B.65-018

Water

Test(s): 8260B
QC Batch # 2004/03/22-2B.65
Date Extracted: 03/22/2004 19:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/22/2004 19:18	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/22/2004 19:18	
Benzene	ND	0.5	ug/L	03/22/2004 19:18	
Toluene	ND	0.5	ug/L	03/22/2004 19:18	
Ethylbenzene	ND	0.5	ug/L	03/22/2004 19:18	
Total xylenes	ND	1.0	ug/L	03/22/2004 19:18	
Surrogates(s)					
1,2-Dichloroethane-d4	85.2	76-114	%	03/22/2004 19:18	
Toluene-d8	93.6	88-110	%	03/22/2004 19:18	

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Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/03/22-2B.68

MB: 2004/03/22-2B.68-052

Date Extracted: 03/22/2004 18:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/22/2004 18:52	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/22/2004 18:52	
Benzene	ND	0.5	ug/L	03/22/2004 18:52	
Toluene	ND	0.5	ug/L	03/22/2004 18:52	
Ethylbenzene	ND	0.5	ug/L	03/22/2004 18:52	
Total xylenes	ND	1.0	ug/L	03/22/2004 18:52	
Surrogates(s)					
1,2-Dichloroethane-d4	90.4	76-114	%	03/22/2004 18:52	
Toluene-d8	96.6	88-110	%	03/22/2004 18:52	

Gas/BTEX/MTBE by 8260B

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Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/03/23-1A.64-027

Water

Test(s): 8260B
QC Batch # 2004/03/23-1A.64
Date Extracted: 03/23/2004 08:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/23/2004 08:27	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/23/2004 08:27	
Benzene	ND	0.5	ug/L	03/23/2004 08:27	
Toluene	ND	0.5	ug/L	03/23/2004 08:27	
Ethylbenzene	ND	0.5	ug/L	03/23/2004 08:27	
Total xylenes	ND	1.0	ug/L	03/23/2004 08:27	
Surrogates(s)					
1,2-Dichloroethane-d4	94.8	76-114	%	03/23/2004 08:27	
Toluene-d8	92.0	88-110	%	03/23/2004 08:27	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/22-1A.64**

LCS 2004/03/22-1A.64-027 Extracted: 03/22/2004 Analyzed: 03/22/2004 08:27

LCSD 2004/03/22-1A.64-049 Extracted: 03/22/2004 Analyzed: 03/22/2004 08:49

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.7	22.9	25	86.8	91.6	5.4	65-165	20		
Benzene	23.1	24.4	25	92.4	97.6	5.5	69-129	20		
Toluene	24.1	24.0	25	96.4	96.0	0.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	466	444	500	93.2	88.8		76-114			
Toluene-d8	469	462	500	93.8	92.4		88-110			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/22-2B.64**

LCS 2004/03/22-2B.64-004 Extracted: 03/22/2004 Analyzed: 03/22/2004 19:04
LCSD 2004/03/22-2B.64-026 Extracted: 03/22/2004 Analyzed: 03/22/2004 19:26

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.7	23.5	25	90.8	94.0	3.5	65-165	20		
Benzene	23.2	24.5	25	92.8	98.0	5.5	69-129	20		
Toluene	24.2	24.8	25	96.8	99.2	2.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	476	458	500	95.2	91.6		76-114			
Toluene-d8	468	465	500	93.6	93.0		88-110			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/22-2B.65**

LCS 2004/03/22-2B.65-031 Extracted: 03/22/2004 Analyzed: 03/22/2004 18:31

LCSD 2004/03/22-2B.65-055 Extracted: 03/22/2004 Analyzed: 03/22/2004 18:55

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	20.6	21.1	25	82.4	84.4	2.4	65-165	20		
Benzene	23.5	24.2	25	94.0	96.8	2.9	69-129	20		
Toluene	23.5	23.9	25	94.0	95.6	1.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	410	416	500	82.0	83.2		76-114			
Toluene-d8	442	450	500	88.4	90.0		88-110			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/22-2B.68**

LCS 2004/03/22-2B.68-014 Extracted: 03/22/2004 Analyzed: 03/22/2004 18:14
LCSD 2004/03/22-2B.68-033 Extracted: 03/22/2004 Analyzed: 03/22/2004 18:33

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.7	21.2	25	90.8	84.8	6.8	65-165	20		
Benzene	24.6	23.9	25	98.4	95.6	2.9	69-129	20		
Toluene	25.5	24.6	25	102.0	98.4	3.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	422	413	500	84.4	82.6		76-114			
Toluene-d8	478	472	500	95.6	94.4		88-110			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/23-1A.64**

LCS 2004/03/23-1A.64-043 Extracted: 03/23/2004 Analyzed: 03/23/2004 07:43

LCSD 2004/03/23-1A.64-005 Extracted: 03/23/2004 Analyzed: 03/23/2004 08:05

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.6	24.1	25	90.4	96.4	6.4	65-165	20		
Benzene	23.0	24.5	25	92.0	98.0	6.3	69-129	20		
Toluene	23.1	25.2	25	92.4	100.8	8.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	448	445	500	89.6	89.0		76-114			
Toluene-d8	459	464	500	91.8	92.8		88-110			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Legend and Notes

Sample Comment

Lab ID: 2004-03-0369 -1

gs-Siloxane peaks were found in the sample which are not believed to be gasoline related. If quantified as gasoline, concentration would be 60 ug/L.

Analysis Flag

o

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

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

SEVERN TRENT STL

Submission #: 2004-03-0369

Diesel

TRC Alton Geoscience
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-9	03/09/2004 09:07	Water	1
MW-4	03/09/2004 11:30	Water	2
MW-12	03/09/2004 08:07	Water	3
MW-8	03/09/2004 09:25	Water	4
MW-11	03/09/2004 07:40	Water	5
MW-3	03/09/2004 13:50	Water	6
MW-7	03/09/2004 09:57	Water	7
MW-6	03/09/2004 10:50	Water	9
MW-5	03/09/2004 10:10	Water	10
MW-1	03/09/2004 13:20	Water	11
MW-10	03/09/2004 12:20	Water	12

Diesel

TRC Alton Geoscience
Attn.: Anju Farfan

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-9**
Sampled: 03/09/2004 09:07
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 1
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/12/2004 17:07	
Surrogate(s)						
o-Terphenyl	60.3	60-130	%	1.00	03/12/2004 17:07	

Diesel

TRC Alton Geoscience
Attn.: Anju Farfan

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **MW-4**
Lab ID: 2004-03-0369 - 2
Sampled: 03/09/2004 11:30
Extracted: 3/12/2004 08:55
Matrix: Water
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	56	50	ug/L	1.00	03/12/2004 18:49	ndp
Surrogate(s)						
o-Terphenyl	73.6	60-130	%	1.00	03/12/2004 18:49	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-12**
Sampled: 03/09/2004 08:07
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 3
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	220	50	ug/L	1.00	03/12/2004 19:14	ndp
Surrogate(s)						
o-Terphenyl	70.6	60-130	%	1.00	03/12/2004 19:14	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-8**
Sampled: 03/09/2004 09:25
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 4
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	92	50	ug/L	1.00	03/12/2004 19:39	ndp
Surrogate(s)						
o-Terphenyl	73.1	60-130	%	1.00	03/12/2004 19:39	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-11**
Sampled: 03/09/2004 07:40
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 5
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/14/2004 00:09	
Surrogate(s)						
o-Terphenyl	70.1	60-130	%	1.00	03/14/2004 00:09	

Diesel

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-3**
Sampled: 03/09/2004 13:50
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 6
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1100	50	ug/L	1.00	03/12/2004 20:30	edr
Surrogate(s)						
o-Terphenyl	77.0	60-130	%	1.00	03/12/2004 20:30	

Diesel

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-7**	Lab ID:	2004-03-0369 - 7
Sampled:	03/09/2004 09:57	Extracted:	3/12/2004 08:55
Matrix:	Water	QC Batch#:	2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	640	50	ug/L	1.00	03/12/2004 20:55	edr
Surrogate(s)						
o-Terphenyl	70.5	60-130	%	1.00	03/12/2004 20:55	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-6**
Sampled: 03/09/2004 10:50
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 9
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	110	50	ug/L	1.00	03/13/2004 04:33	edr
Surrogate(s)						
o-Terphenyl	83.4	60-130	%	1.00	03/13/2004 04:33	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-5**
Sampled: 03/09/2004 10:10
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 10
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	110000	2500	ug/L	50.00	03/13/2004 12:52	ndp
Surrogate(s)						
o-Terphenyl	NA	60-130	%	50.00	03/13/2004 12:52	sd

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-1**
Sampled: 03/09/2004 13:20
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 11
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/13/2004 05:00	
Surrogate(s)						
o-Terphenyl	66.2	60-130	%	1.00	03/13/2004 05:00	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Prep(s): 3510/8015M
Sample ID: **MW-10**
Sampled: 03/09/2004 12:20
Matrix: Water

Test(s): 8015M
Lab ID: 2004-03-0369 - 12
Extracted: 3/12/2004 08:55
QC Batch#: 2004/03/12-2B.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	140	50	ug/L	1.00	03/13/2004 05:26	ndp
Surrogate(s)						
o-Terphenyl	54.7	60-130	%	1.00	03/13/2004 05:26	sl

Diesel

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Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2004/03/12-2B.10-001

Water

Test(s): 8015M
QC Batch # 2004/03/12-2B.10
Date Extracted: 03/12/2004 08:55

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	03/12/2004 13:53	
Surrogates(s)					
o-Terphenyl	77.0	60-130	%	03/12/2004 13:53	

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/03/12-2B.10**

LCS 2004/03/12-2B.10-002 Extracted: 03/12/2004 Analyzed: 03/12/2004 14:19
LCSD 2004/03/12-2B.10-003 Extracted: 03/12/2004 Analyzed: 03/12/2004 14:46

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	732	720	1000	73.2	72.0	1.7	60-130	25		
Surrogates(s)										
o-Terphenyl	16.0	15.7	20.0	79.8	78.7		60-130			

Diesel

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Project: 41050001FA20
Conoco Phillips # 7376

Received: 03/10/2004 17:20

Site: 4191 First St.

Legend and Notes

Result Flag

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 03 - 0369

Checklist completed by: (initials) NC Date: 03 /11 /04

Courier name: ☑ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes___ No___	Not Present ✓
Chain of custody present?	Yes ✓ No___	
Chain of custody signed when relinquished and received?	Yes ✓ No___	
Chain of custody agrees with sample labels?	Yes ✓ No___	
Samples in proper container/bottle?	Yes ✓ No___	
Sample containers intact?	Yes ✓ No___	
Sufficient sample volume for indicated test?	Yes ✓ No___	
All samples received within holding time?	Yes ✓ No___	
Container/Temp Blank temperature in compliance (4^0 C ± 2)?	Temp: 3.7 °C Yes ✓ No___	
	Ice Present Yes ✓ No___	
Water - VOA vials have zero headspace?	No VOA vials submitted___ Yes ✓ No___	

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☑ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc –**Lot #(s)** _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ___/___/04

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

SEVERN TRENT STL

Courier Pick-up Check List

Courier Name: [illegible] Date: 3/10/04 Time: 1020

Client Name: TRC Job/PO#: Conphillips

Description	Yes	No	Courier Initial
Sample quantity and ID's match COC	✓		BM
COC filled out completely	✓		BM
Sample amount adequate for indicated tests	✓		BM
Were sample pre-packed in a cooler		✓	BM

Comments

2004-03-0369

ConocoPhillips Chain Of Custody Record

83754

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:

ConocoPhillips Cost Object:

DATE: 3/9/04

PAGE: 1 of 2

SAMPLING COMPANY: TRC	Valid Value ID:
CONOCOPHILLIPS SITE NUMBER: 7376	GLOBAL ID NO.: T0600100101
ADDRESS: 21 Technology Drive, Irvine CA 92618	SITE ADDRESS (Street and City): 4191 First ST
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan	CONOCOPHILLIPS SITE MANAGER:
TELEPHONE: 949-341-7440 / FAX: 949-753-0111 / E-MAIL: afarfan@trcsolutions.com	EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com / PHONE NO.: 949-341-7408 / E-MAIL: / LAB USE ONLY
SAMPLER NAME(S) (Print): ALEX / JACK	CONSULTANT PROJECT NUMBER: 41050001/FA20

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 + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPH-D by 8015m	TPH/BTEX by 8260 B	BTEX/MTBE by 8260B
	MW-9	3/9	0907	GW	4									X	X	X
	MW-4		1135													
	MW-12		0907													
	MW-8		0925													
	MW-11		0940													
	MW-3		1350													
	MW-7		0957													
	MW-2B		1254		3											
	MW-6		1050		4									X		
	MW-5		1010		4											

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

3.7

TEMPERATURE ON RECEIPT C°

REFRIGERATED

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/10/04	Time: 1020
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) 3/10/04 1720	Received by: (Signature)	Date: 3-10-04	Time: 1720

9/19/03 Revision

83754

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:

ConocoPhillips Cost Object:

DATE: 3/9/04
PAGE: 2 of 2

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7376	GLOBAL ID NO.: T0600100101
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 4191 First St	CONOCOPHILLIPS SITE MANAGER:
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
TELEPHONE: 949-341-7440	FAX: 949-753-0111	E-MAIL: afarfan@trcsolutions.com	E-MAIL:
SAMPLER NAME(S) (Print): ALEX / JACK	CONSULTANT PROJECT NUMBER: 41050001/FA20		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 + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPH-D by 8015M	TPHg by 8260B	BTEX/MtBE by 8260B
	MW-1	3/9	1320	GW	4									X	X	X
	MW-10	1	1220	1	4									X	X	X

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

REFRIGERATED

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/9/04	Time: 1020
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) 3/10/04 1720	Received by: (Signature)	Date: 3-10-04	Time: 1720

9/19/03 Revision

STATEMENTS

Purge Water Transport and Disposal

Non-hazardous groundwater produced during purging and sampling 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 suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum 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.