R0361

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

November 5, 2004

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

Re: **Document Transmittal**
Fuel Leak Case
76 Station #7376
4191 First Street
Pleasanton, Ca

Dear Mr. Hwang:

Please find attached TRC's *Quarterly Status Report, dated 11/05/04,* and TRC's *Quarterly Monitoring Report, dated 10/09/04* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

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

Sincerely,

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

Attachment
cc: Roger Batra, TRC

TRC

Customer-Focused Solutions

November 4, 2004 TRC Project No. 42018401

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

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

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2004 Quarterly Status Report for the subject site, shown on the attached Figure 3 through 5.

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

Four onsite and eight offsite wells are currently monitored and sampled quarterly. Twelve wells were monitored and eight were sampled this quarter. The groundwater gradient and flow direction were 0.04 foot/foot to the west.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in four of the eight wells sampled, at a maximum concentration of 1,400 micrograms per liter (µg/l) in offsite well MW-7.

Benzene was detected in one of the eight wells sampled, at a maximum concentration of 72 µg/l in offsite well MW-7.

Methyl tertiary butyl ether (MTBE) was detected in five of the eight wells sampled, at a maximum concentration of 440 µg/l in offsite well MW-7.

TPH-d was detected in two of the eight wells sampled, at a maximum concentration of 270 µg/l in offsite well MW-7.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

September 8, 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 me at (925) 688-2466.

Sincerely,

TRC

Roger Batra

Roger Batra
Senior Project Manager

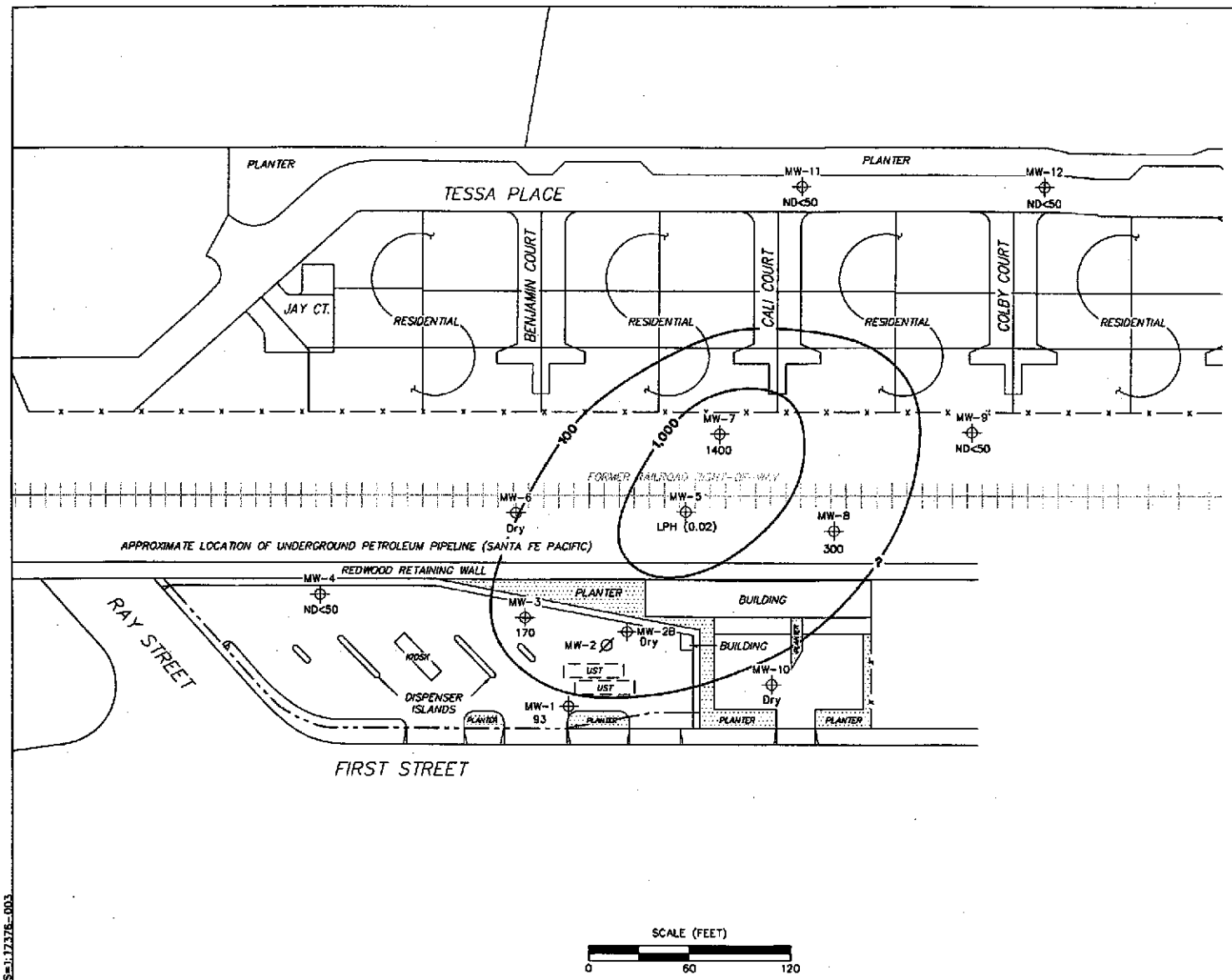
Attachment:

Figure 3 – Dissolved-Phase TPPH Concentration Map, September 8, 2004, from Quarterly Monitoring Report, July through September 2004, dated October 9, 2004 by TRC.

Figure 4 – Dissolved-Phase Benzene Concentration Map, September 8, 2004, from Quarterly Monitoring Report, July through September 2004, dated October 9, 2004 by TRC.

Figure 5 – Dissolved-Phase MTBE Concentration Map, September 8, 2004, from Quarterly Monitoring Report, July through September 2004, dated October 9, 2004 by TRC.

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



N

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l) or LPH thickness (feet)

MW-2 Ø Abandoned well

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

NOTES:

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
September 6, 2004

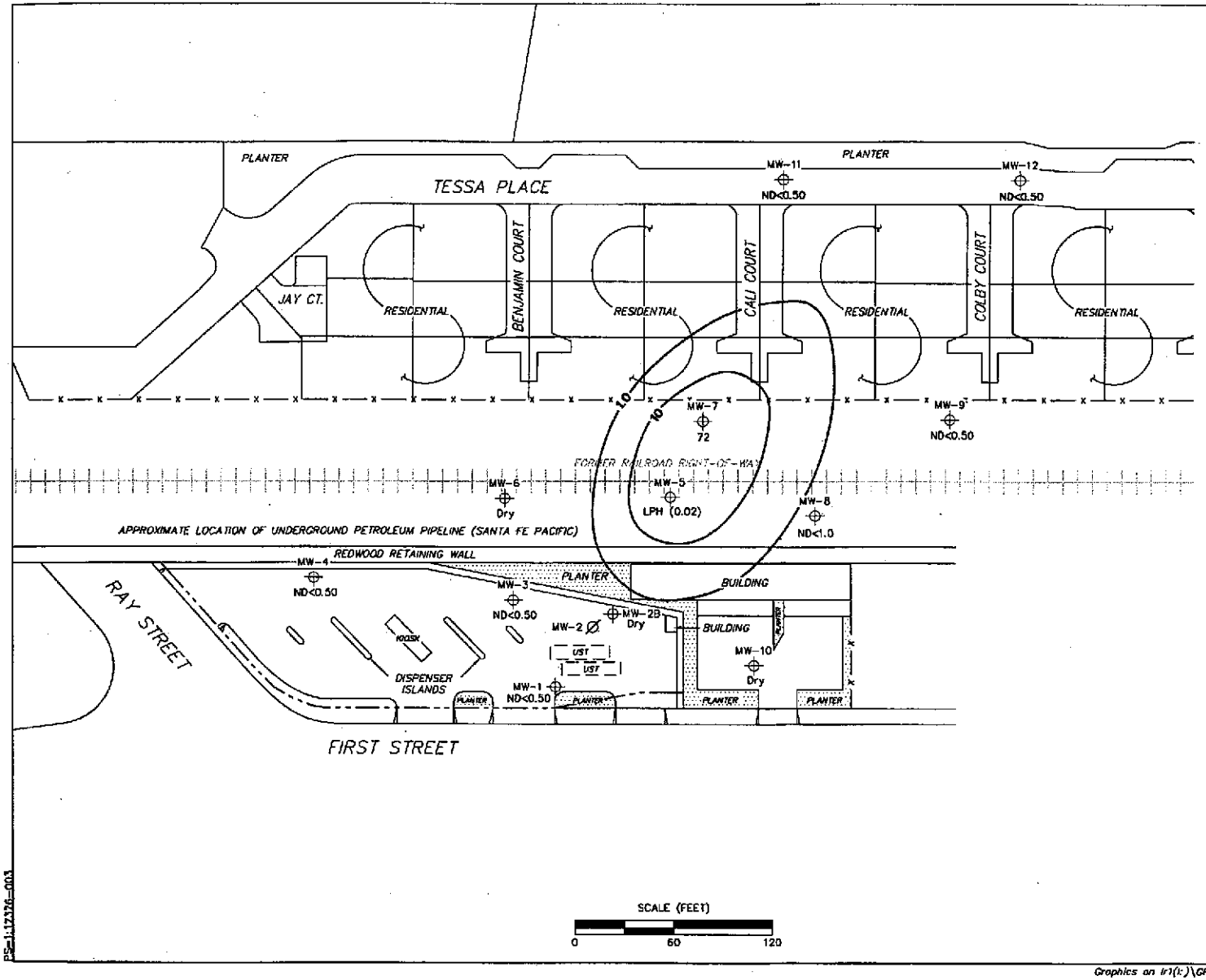
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 3

PS=1;17376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 9/27/04 blw



LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l) or LPH thickness (feet)

MW-2 ∅ Abandoned well

10 Dissolved-Phase Benzene Contour (µg/l)

NOTES:

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 8, 2004

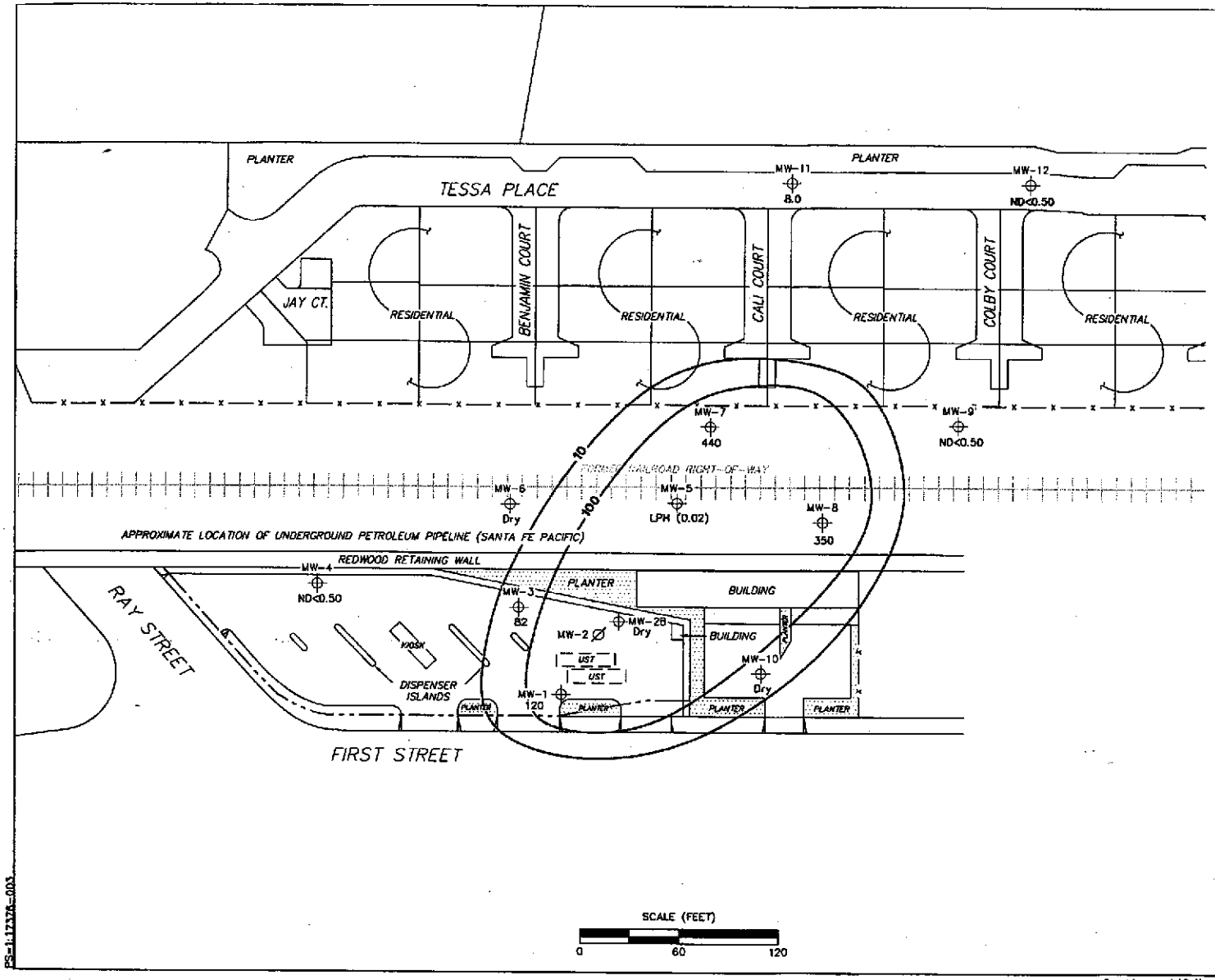
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 4

PS=1;17376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 9/27/04 blw



LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l) or LPH thickness (feet)

MW-2 Ø Abandoned well

10 Dissolved-Phase MTBE Contour (µg/l)

NOTES:

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 8, 2004

76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 5

PS=1:12376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 9/27/04 tlw

TRC

Customer-Focused Solutions

October 9, 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
JULY THROUGH SEPTEMBER 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
QMS Operations Manager

CC: Mr. Roger Batra, TRC (2 copies)
Ms. Carol Mahoney, Zone 7 Water District

Enclosures
20-0400/7376R04.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

TRC

Customer-Focused Solutions

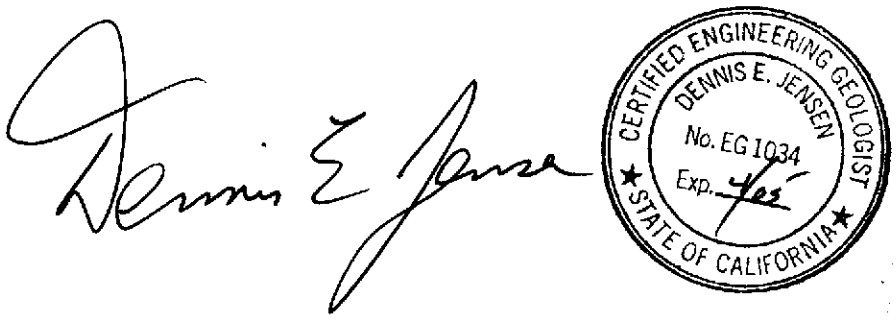
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2004

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
October 4, 2004

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

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

Summary of Gauging and Sampling Activities
July 2004 through September 2004
76 Station 7376
4191 First Street
Pleasanton, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **9/8/04**

Sample Points

Groundwater wells: **4** onsite, **8** offsite Wells gauged: **12** Wells sampled: **8**
Purging method: **Submersible pump/bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **1** Maximum thickness (feet): **0.02 (MW-5)**
LPH removal frequency: **With Sampling Events** Method: **Bailer**
Treatment or disposal of water/LPH: **Disposal by Filter Recycling**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **70.05 feet** Maximum: **86.45 feet**
Average groundwater elevation (relative to available local datum): **286.11 feet**
Average change in groundwater elevation since previous event: **-3.20 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.04 ft/ft, west**
Previous event: **0.04 ft/ft, south (6/21/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **72 µg/l (MW-7)**

Wells with **TPPH 8260B** **4** Maximum: **1,400 µg/l (MW-7)**
Wells with **MTBE** **5** Maximum: **440 µg/l (MW-7)**

Notes:

MW-10=Dry well, MW-2B=Dry well, MW-5=LPH in well, MW-6=Dry well,

TABLES

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 7376 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 8, 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)**												
9/8/04	366.98	79.43	0.00	287.55	0.06	--	93	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
MW-2B		**(Screen Interval in feet: 65.0-85.0)**												
9/8/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-3		**(Screen Interval in feet: 76.5-96.5)**												
9/8/04	367.01	83.81	0.00	283.20	-0.50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
MW-4		**(Screen Interval in feet: 73.0-93.0)**												
9/8/04	368.81	86.45	0.00	282.36	-4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5		**(Screen Interval in feet: 52.0-72.0)**												
9/8/04	363.21	70.62	0.02	292.61	-3.10	--	--	--	--	--	--	--	--	LPH in well
MW-6		**(Screen Interval in feet: 68.0-88.0)**												
9/8/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-7		**(Screen Interval in feet: 55.0-75.0)**												
9/8/04	355.97	70.05	0.00	285.92	-2.23	--	1400	72	ND<2.5	ND<2.5	ND<5.0	--	440	
MW-8		**(Screen Interval in feet: 66.0-86.0)**												
9/8/04	361.83	73.83	0.00	288.00	-3.53	--	300	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	350	
MW-9		**(Screen Interval in feet: DNA)**												
9/8/04	362.62	71.36	0.00	291.26	-4.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10		**(Screen Interval in feet: DNA)**												
9/8/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-11		**(Screen Interval in feet: DNA)**												
9/8/04	354.66	72.69	0.00	281.97	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.0	
MW-12		**(Screen Interval in feet: DNA)**												
9/8/04	354.08	71.96	0.00	282.12	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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 continued														
03/10/00	366.99	79.66	0.00	287.33	0.08	51	--	ND	ND	ND	ND	100	--	
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	1200	--	
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	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
06/10/03	366.99	80.29	0.00	286.70	-0.81	ND<50	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2800	
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	
06/21/04	366.98	79.49	0.00	287.49	-0.01	--	650	ND<5.0	ND<5.0	ND<5.0	ND<10	--	620	
09/08/04	366.98	79.43	0.00	287.55	0.06	--	93	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
MW-2	**(Screen Interval in feet: DNA)**													
12/08/87	--	--	--	--	--	620	--	910	800	260	1200	--	--	Damaged
12/07/94	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/01/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-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	--	
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	4400	--	
03/10/00	365.05	82.42	0.00	282.63	1.99	1500	--	ND	ND	ND	ND	6900	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-2B	continued													
06/08/00	365.05	82.73	0.00	282.32	-0.31	34	--	ND	ND	ND	ND	7780	--	
09/25/00	365.05	84.24	0.00	280.81	-1.51	2900	--	8.83	6.58	0.932	5.60	12200	--	
12/19/00	365.05	84.39	0.00	280.66	-0.15	700	--	ND	ND	ND	ND	6000	--	
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	6600	--	
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	5100	--	
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
03/26/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
06/10/03	365.05	83.17	0.00	281.88	--	280	ND<5000	ND<50	ND<50	ND<50	ND<100	6400	--	
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	
06/21/04	365.05	83.71	0.00	281.34	0.42	--	3400	ND<25	ND<25	ND<25	ND<50	--	4600	
09/08/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-3 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-3 continued														
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	1300	--	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	3600	--	160	ND<50	140	4400	ND<250	--	
06/20/02	367.03	83.74	0.00	283.29	-0.47	1300	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	1800	160	320	ND<5.0	80	1500	--	160	
03/26/03	367.03	83.27	0.00	283.76	-0.03	2600	130	95	6.3	140	1500	--	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	
06/21/04	367.01	83.31	0.00	283.70	-0.08	--	96	ND<0.50	0.62	ND<0.50	ND<1.0	--	59	
09/08/04	367.01	83.81	0.00	283.20	-0.50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-4 continued														
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	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-4 continued														
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	
06/21/04	368.81	81.90	0.00	286.91	2.99	--	ND<50	ND<0.50	0.68	ND<0.50	ND<1.0	--	ND<0.50	
09/08/04	368.81	86.45	0.00	282.36	-4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	--	
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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-5 continued														
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	--	--	--	--	--	--	--	--	
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	
06/21/04	363.21	67.50	0.00	295.71	-1.47	--	13000	3700	220	710	660	--	1900	
09/08/04	363.21	70.62	0.02	292.61	-3.10	--	--	--	--	--	--	--	--	LPH in well
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-6 continued														
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
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-6 continued														
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	
06/21/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/08/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-7 continued														
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	1510	--	
12/19/00	355.97	70.11	0.00	285.86	0.04	930	--	1000	ND	ND	ND	1300	--	
03/05/01	355.97	68.72	0.00	287.25	1.39	801	--	5070	195	306	385	1530	--	
06/14/01	355.97	70.00	0.00	285.97	-1.28	710	--	3300	85	96	170	1000	--	
09/17/01	355.97	70.28	0.00	285.69	-0.28	860	--	3000	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	--	1100	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	3200	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	
06/21/04	355.97	67.82	0.00	288.15	-1.16	--	2300	260	ND<2.5	3.0	ND<5.0	--	300	
09/08/04	355.97	70.05	0.00	285.92	-2.23	--	1400	72	ND<2.5	ND<2.5	ND<5.0	--	440	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-8 continued														
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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-8 continued														
06/21/04	361.83	70.30	0.00	291.53	0.02	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
09/08/04	361.83	73.83	0.00	288.00	-3.53	--	300	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	350	
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	
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	
06/21/04	362.62	66.52	0.00	296.10	-1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-9 continued														
09/08/04	362.62	71.36	0.00	291.26	-4.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	
06/21/04	362.62	86.86	0.00	275.76	-3.71	--	420	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	490	
09/08/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-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	
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	
06/21/04	354.66	67.63	0.00	287.03	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	
09/08/04	354.66	72.69	0.00	281.97	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.0	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 1987 Through September 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-12	continued													
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	
06/21/04	354.08	66.90	0.00	287.18	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/04	354.08	71.96	0.00	282.12	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL 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	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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 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<1000	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<2000	ND<8.0
03/26/03	--	ND<40	ND<40	ND<2000	ND<40	ND<40	ND<10000	ND<40
06/10/03	--	ND<80	ND<80	ND<4000	ND<80	ND<80	ND<20000	ND<80
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	ND<50	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	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	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-2B	continued							
12/15/97	54	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--
06/26/98	ND	--	--	--	--	--	--	--
09/22/98	ND	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
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<10000	ND<200	ND<200	ND<50000	ND<200
06/21/04	260	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-3 continued								
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-3 continued								
12/30/02	5900	ND<20	ND<20	ND<1000	ND<20	ND<20	ND<5000	ND<20
03/26/03	7200	ND<20	ND<20	ND<1000	ND<20	ND<20	ND<5000	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	--	--	--	--	--	--	--
06/21/04	210	--	--	--	--	--	--	--
09/08/04	130	--	--	--	--	--	--	--
MW-4								
09/18/96	160	--	--	--	--	--	--	--
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	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

Table 3
ADDITIONAL ANALYTICAL 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-4 continued								
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	56	--	--	--	--	--	--	--
06/21/04	59	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
06/21/04	190000	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
03/16/98	210	--	--	--	--	--	--	--
06/26/98	530	--	--	--	--	--	--	--
12/23/98	120	--	--	--	--	--	--	--
03/15/99	62	--	--	--	--	--	--	--
06/07/99	ND	--	--	--	--	--	--	--
03/10/00	ND	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-6 continued								
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	6400	--	--	--	--	--	--	--
09/17/01	11000	--	--	--	--	--	--	--
12/17/01	5800	ND<10	ND<10	ND<200	ND<10	ND<10	ND<5,000	ND<10
03/15/02	2800	--	--	--	--	--	--	--
06/20/02	9900	--	--	--	--	--	--	--
09/27/02	4200	--	--	--	--	--	--	--
12/30/02	2400	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10
03/26/03	5300	ND<40	ND<40	ND<2000	ND<40	ND<40	ND<10000	ND<40
06/10/03	1300	ND<20	ND<20	ND<1000	ND<20	ND<20	ND<5,000	ND<20
09/09/03	430	--	--	--	--	--	--	--
12/10/03	450	--	--	--	--	--	--	--
03/09/04	640	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-7 continued								
06/21/04	630	--	--	--	--	--	--	--
09/08/04	270	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL 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-8 continued								
03/09/04	92	--	--	--	--	--	--	--
06/21/04	87	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
MW-9								
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	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--
MW-10								
03/10/00	ND	ND	ND	ND	ND	ND	--	22

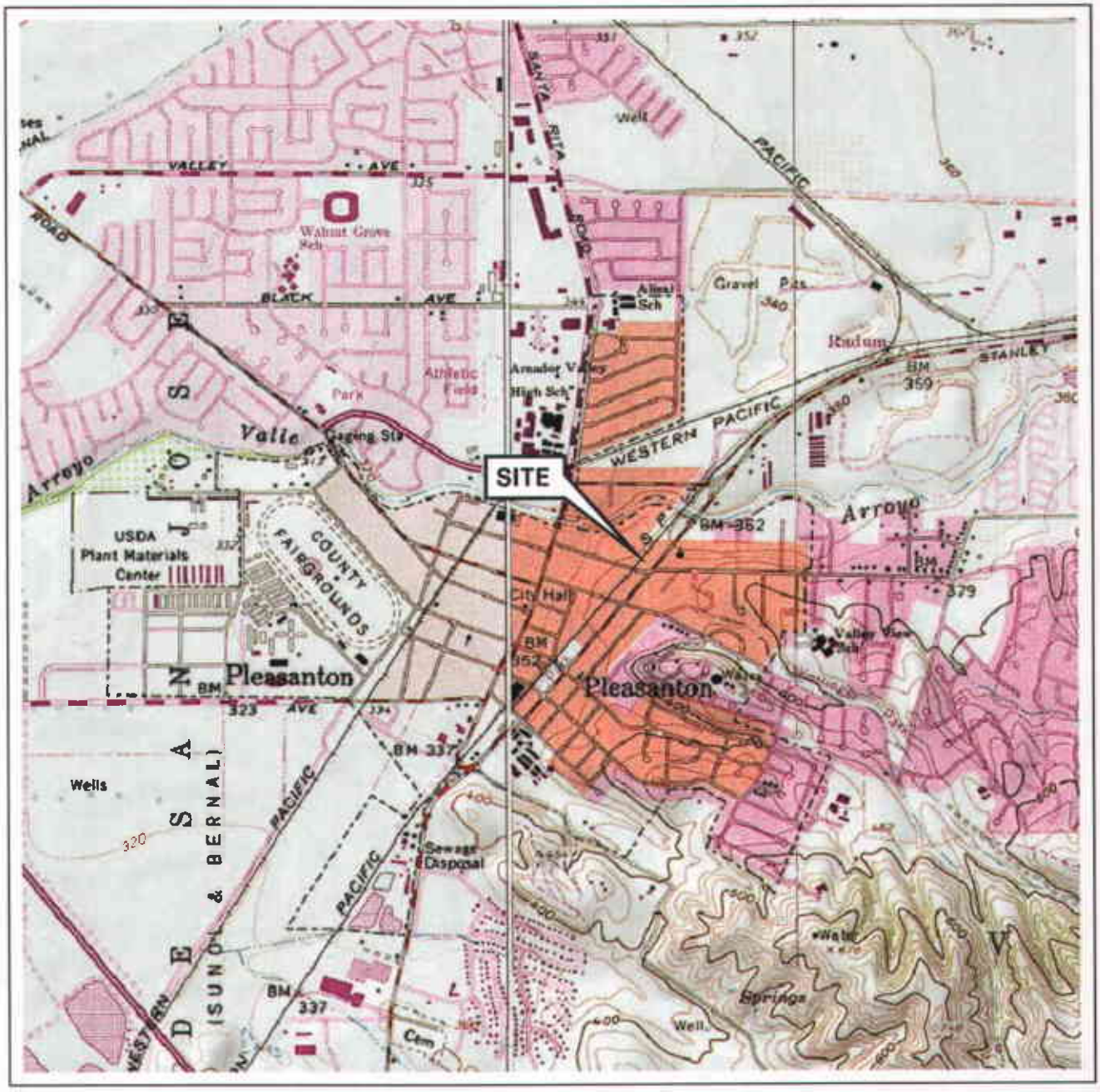
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 7376

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-10	continued							
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	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
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
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	--	--	--	--	--	--	--
06/21/04	ND<50	--	--	--	--	--	--	--
09/08/04	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

Table 3
ADDITIONAL ANALYTICAL 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-12	continued							
09/09/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
03/09/04	220	--	--	--	--	--	--	--
06/21/04	180	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--

FIGURES



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Livermore Quadrangle

VICINITY MAP

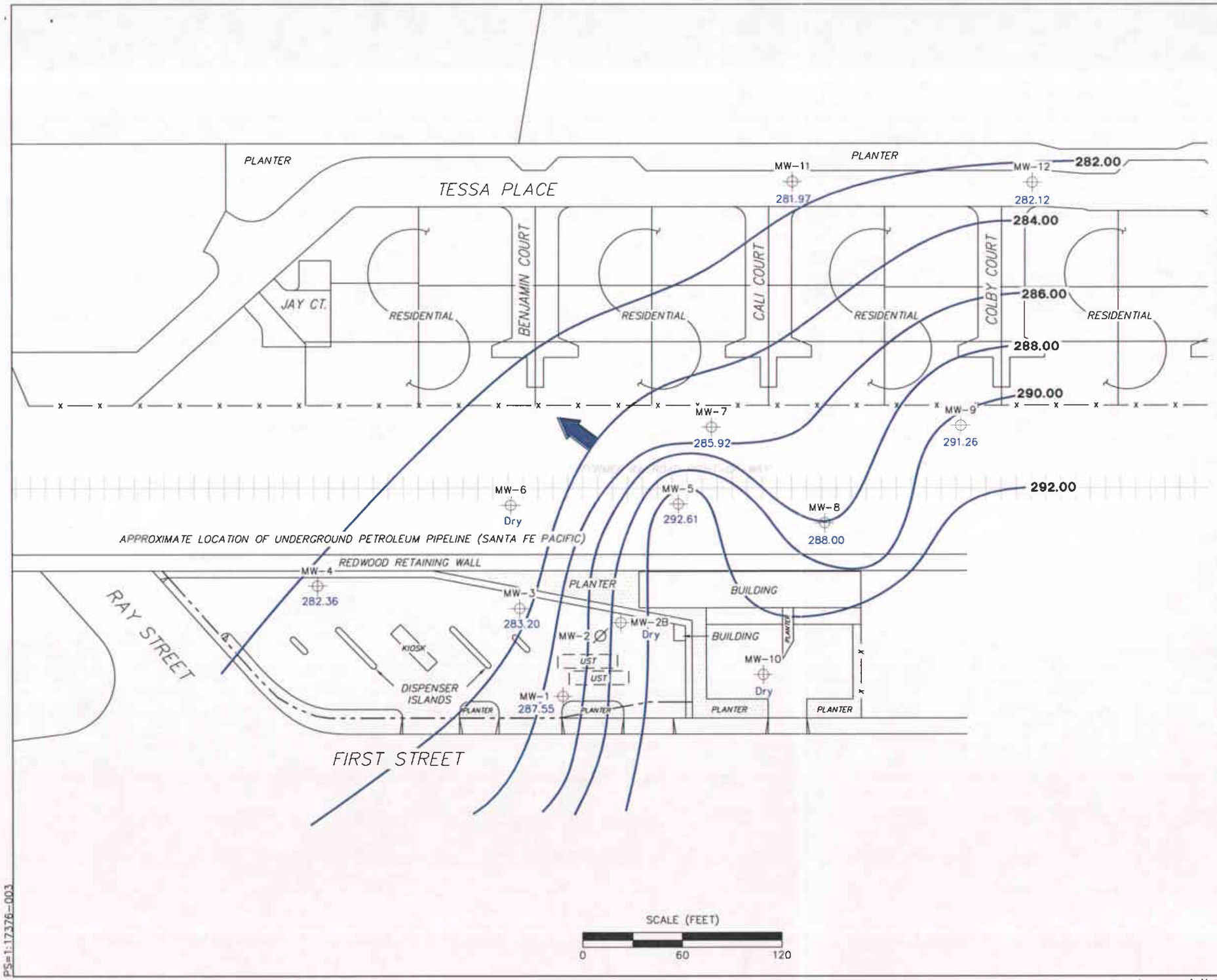
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 1

PS = 1:1

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



N

LEGEND

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

MW-2 ∅ Abandoned well

292.00 —— 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.

GROUNDWATER ELEVATION CONTOUR MAP
September 8, 2004

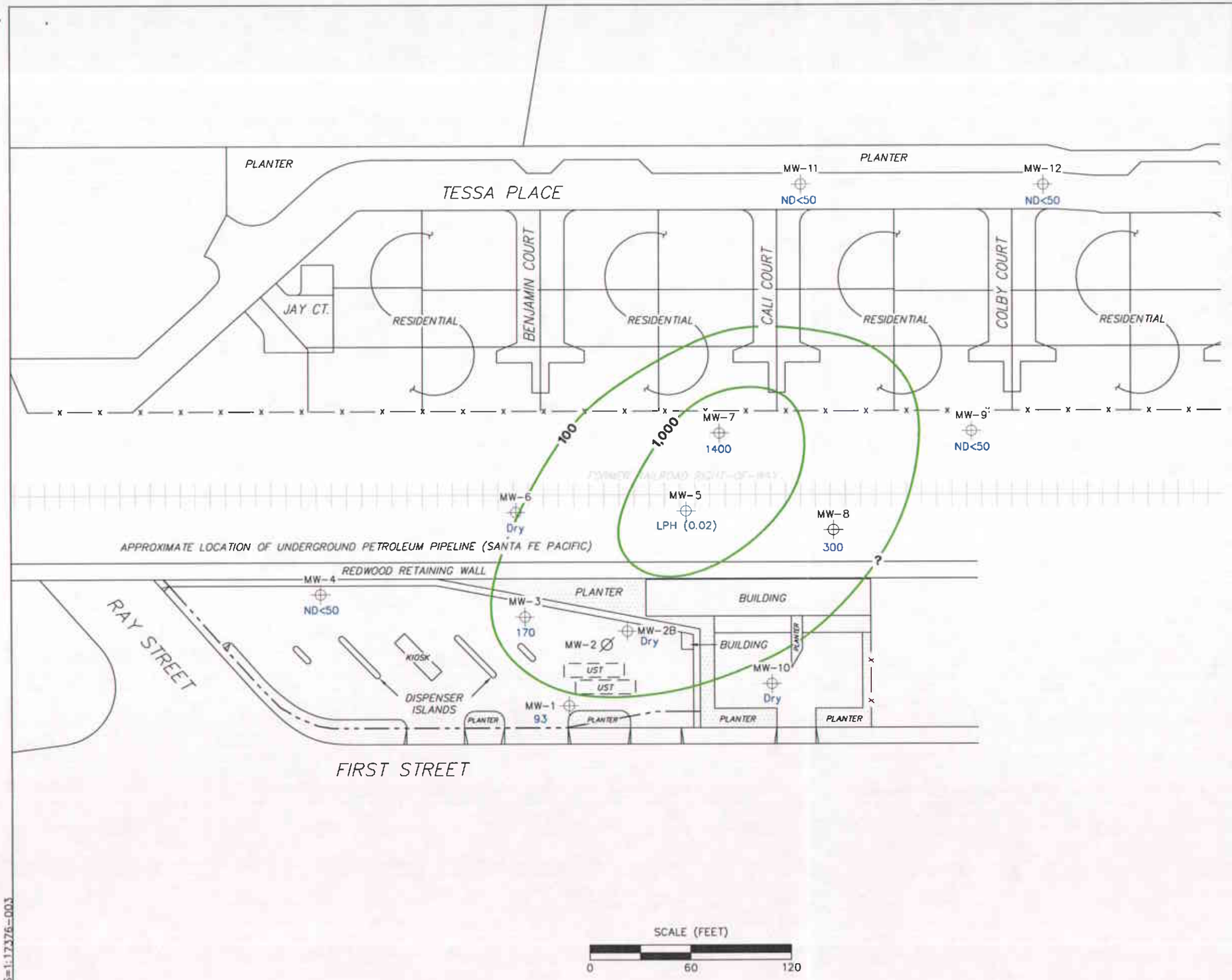
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 2

PS=1:17376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By..\20-xxxx\20-0400\7376+.dwg 9/27/04 blw



N

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l) or LPH thickness (feet)

MW-2 ∅ Abandoned well

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

NOTES:

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
September 8, 2004

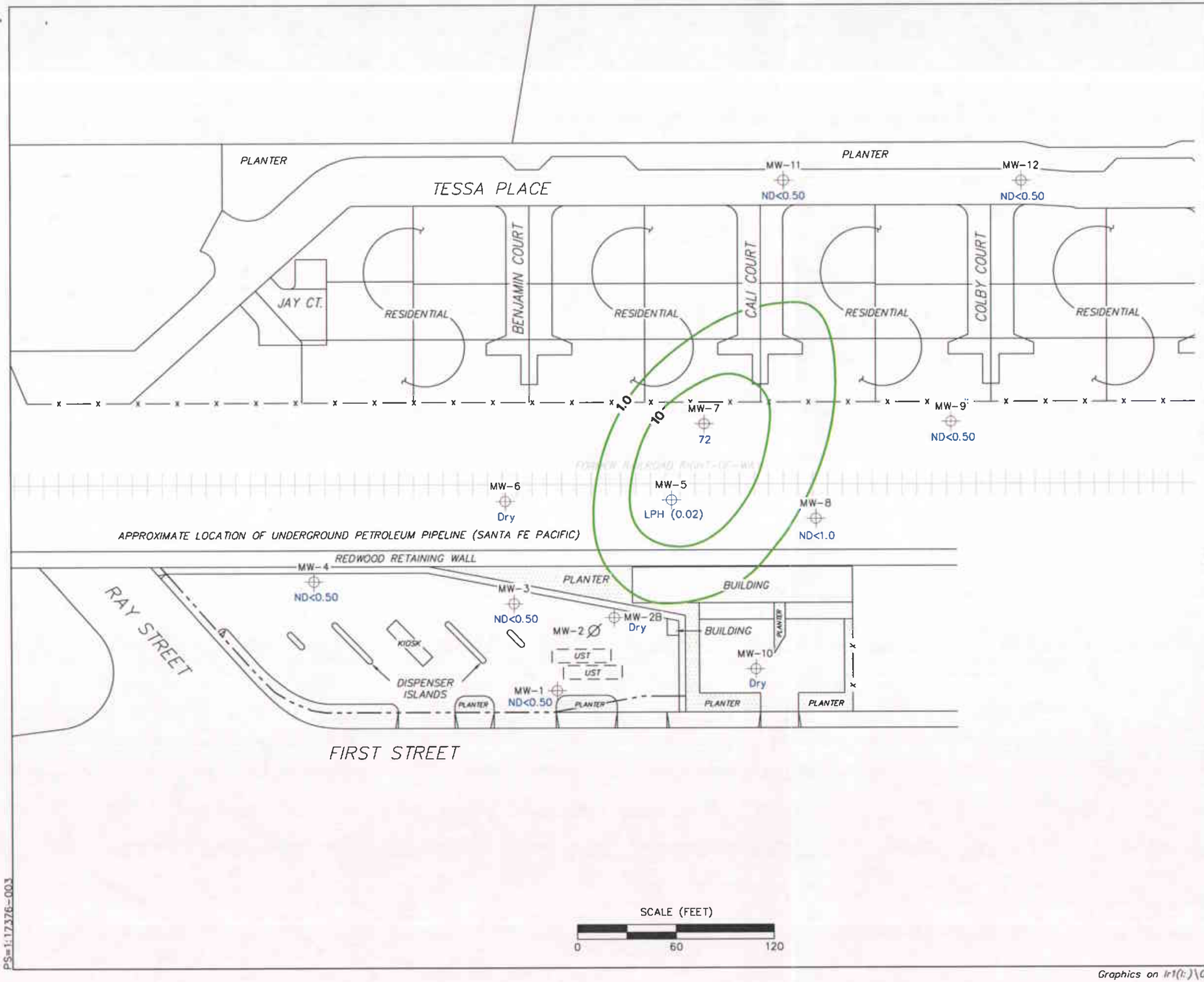
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 3

PS=1:17376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By..\20-xxxx\20-0400\7376+.dwg 9/27/04 blw



N

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l) or LPH thickness (feet)

MW-2 ∅ Abandoned well

10 Dissolved-Phase Benzene Contour (µg/l)

NOTES:

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 8, 2004

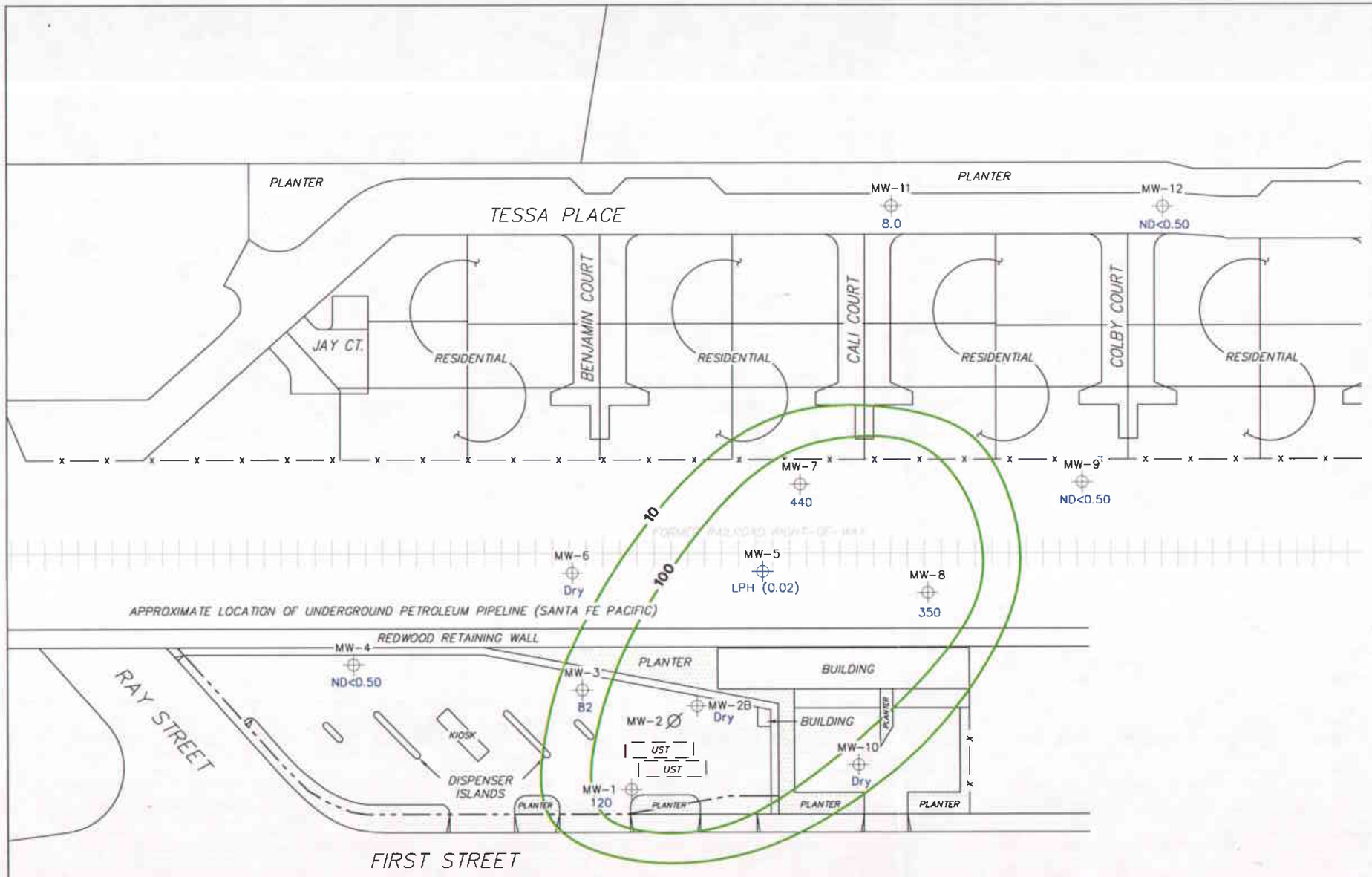
76 Station 7376
4191 First Street
Pleasanton, California

TRC

FIGURE 4

PS=1:17376-003

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 9/27/04 blw



N

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l) or LPH thickness (feet)

MW-2 ∅ Abandoned well

10 Dissolved-Phase MTBE Contour (µg/l)

NOTES:

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 8, 2004

76 Station 7376
4191 First Street
Pleasanton, California

TRC

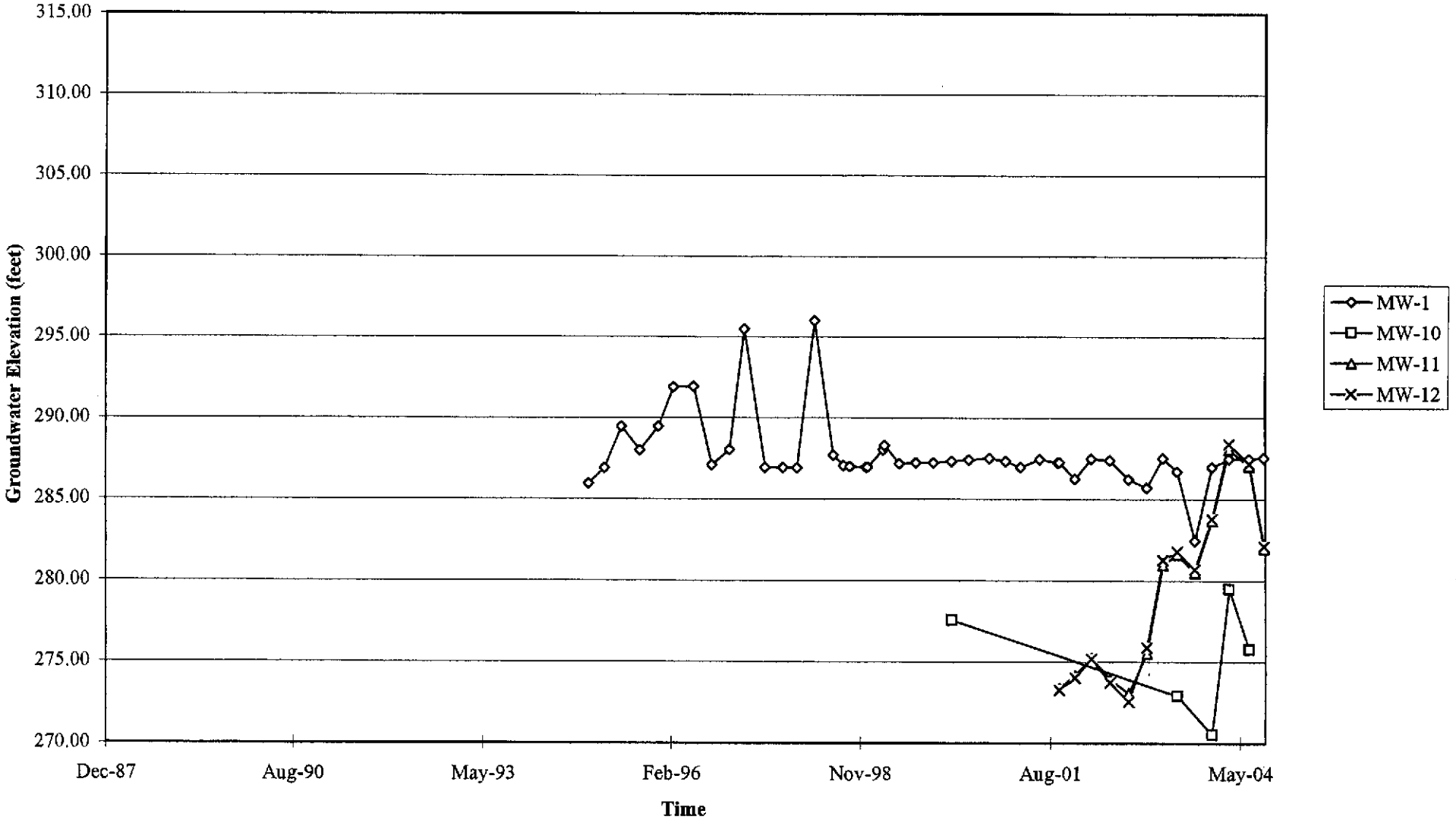
FIGURE 5

PS=1:17376-003

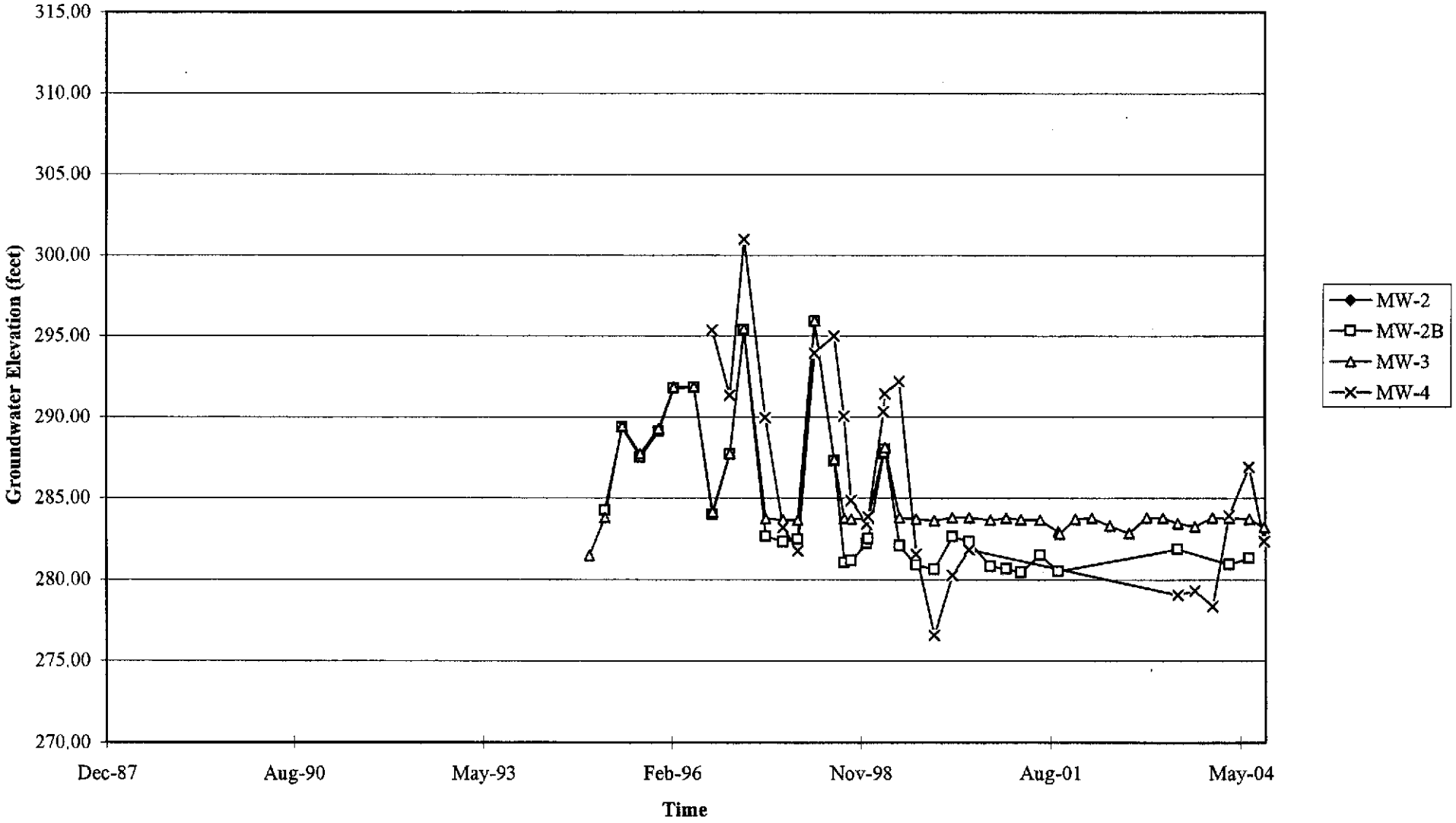
Graphics on Ir1(I:)\GRAPHICS\Projects By..\20-xxxx\20-0400\7376+.dwg 9/27/04 blw

GRAPHS

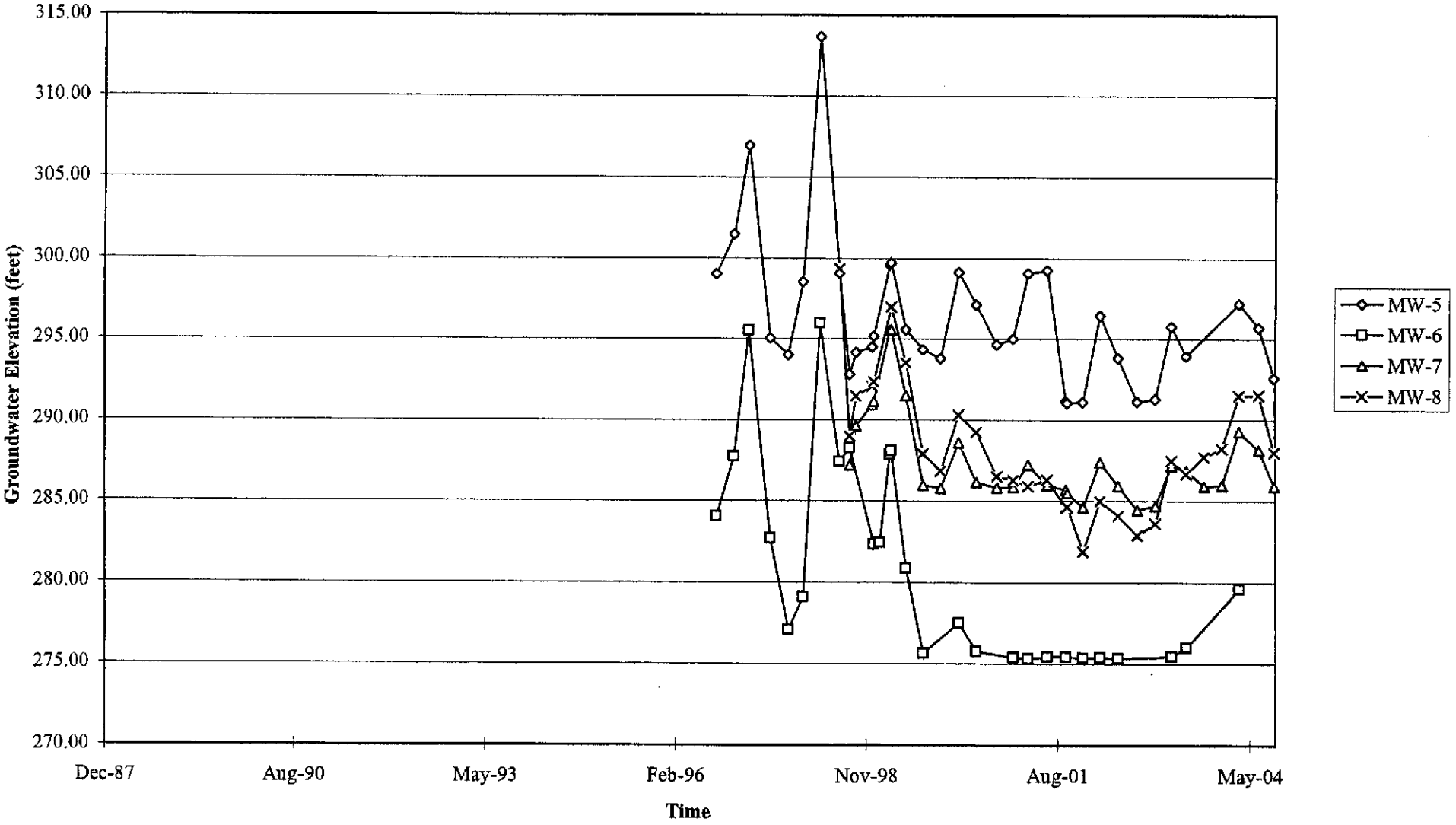
Groundwater Elevations vs. Time
76 Station 7376



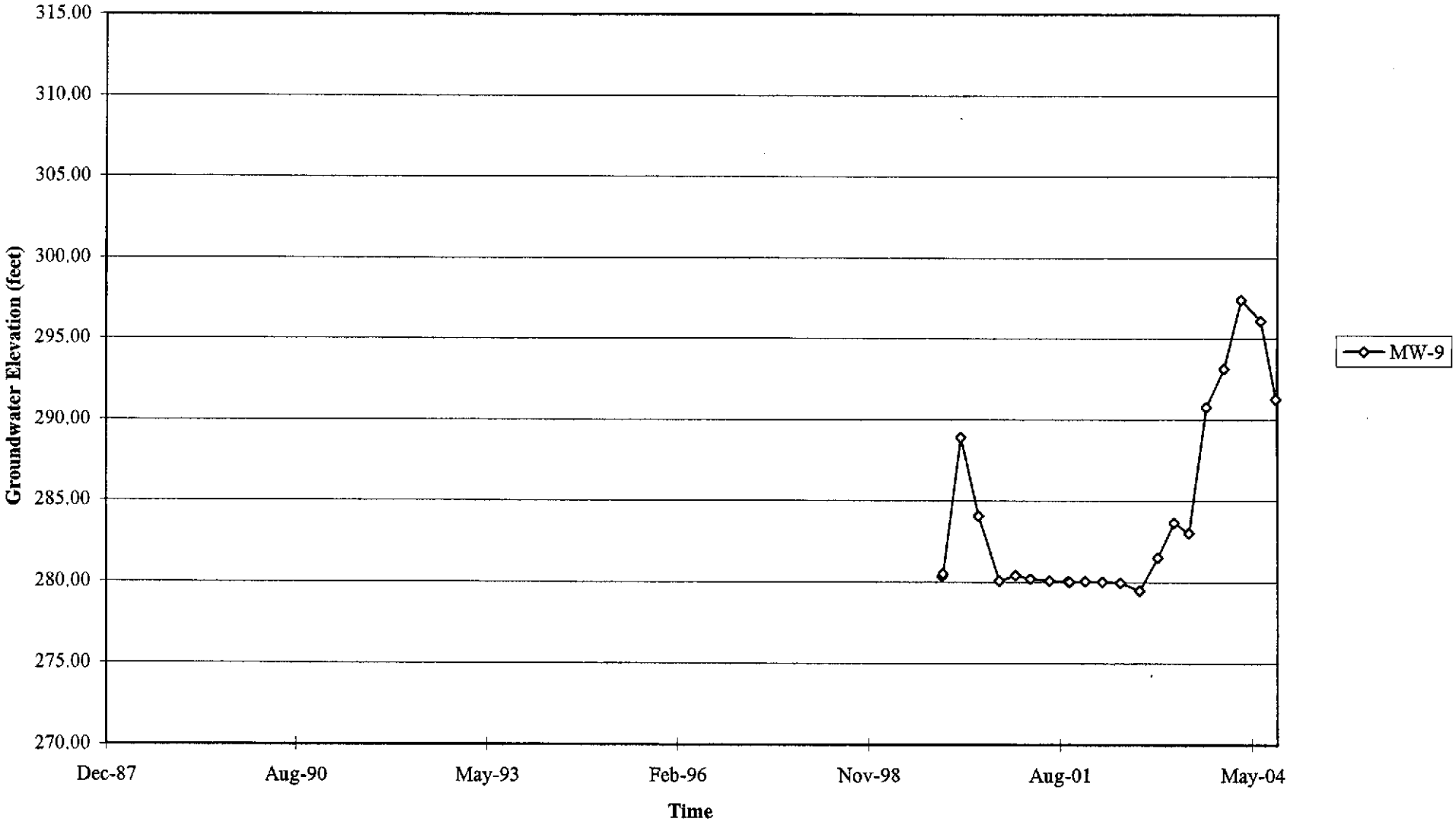
Groundwater Elevations vs. Time
76 Station 7376



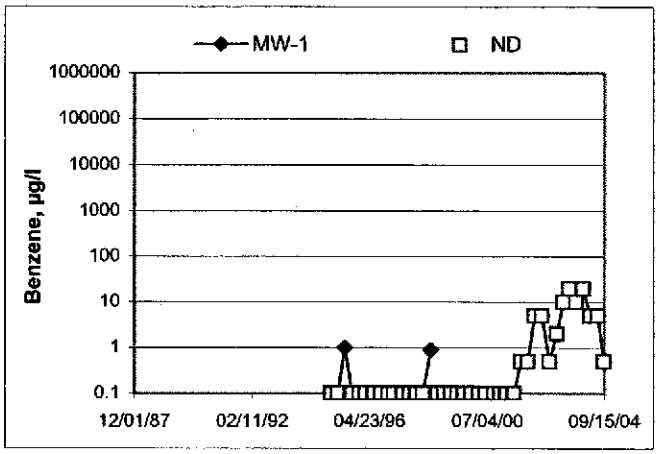
Groundwater Elevations vs. Time
76 Station 7376

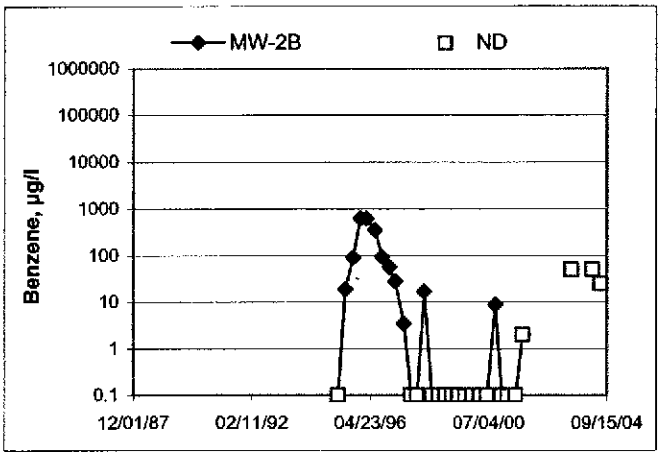


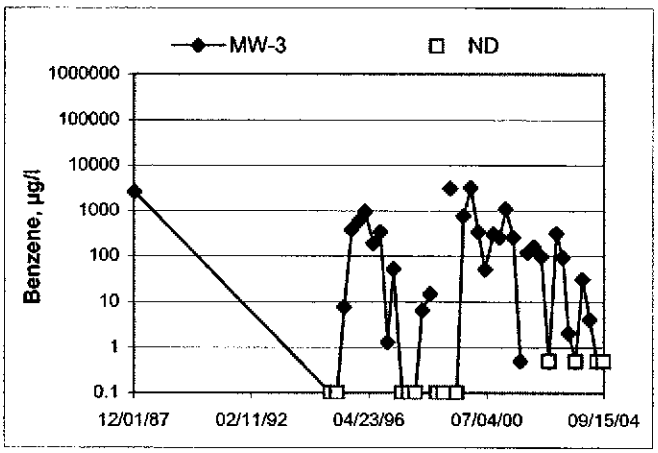
Groundwater Elevations vs. Time
76 Station 7376

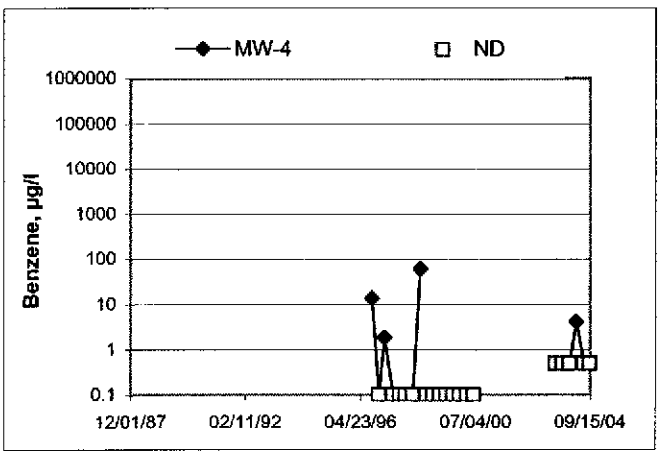


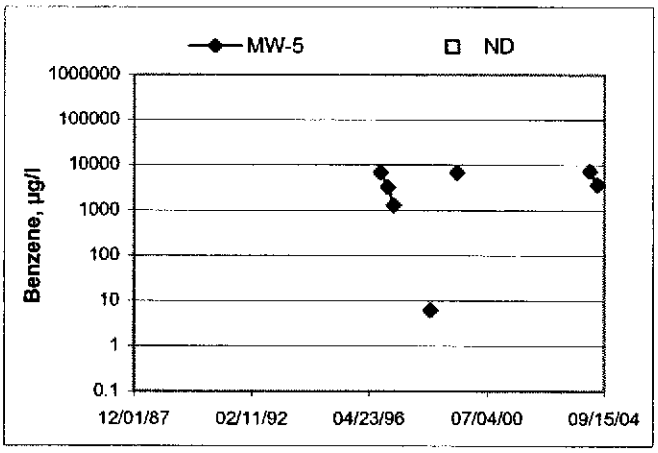
Benzene Concentrations vs Time
76 Station 7376

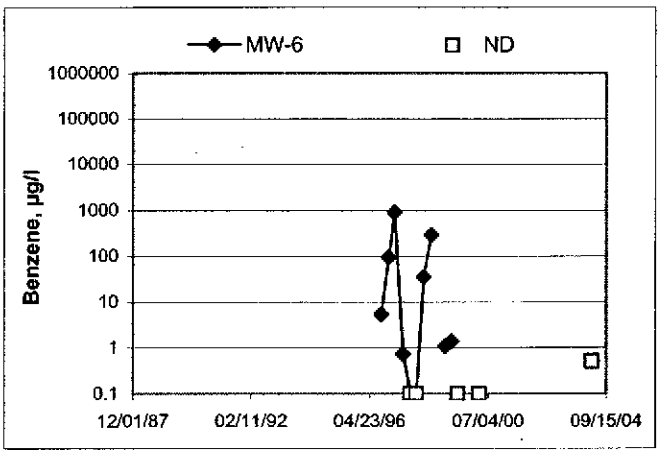


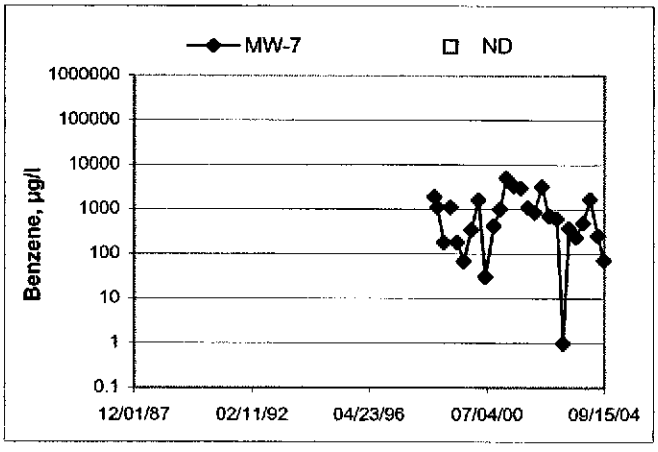


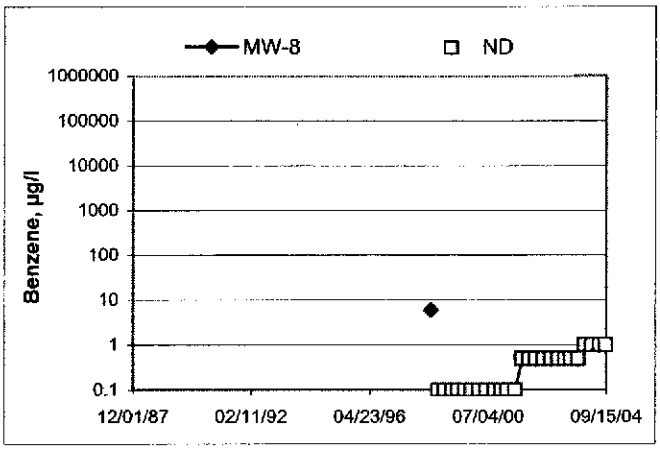




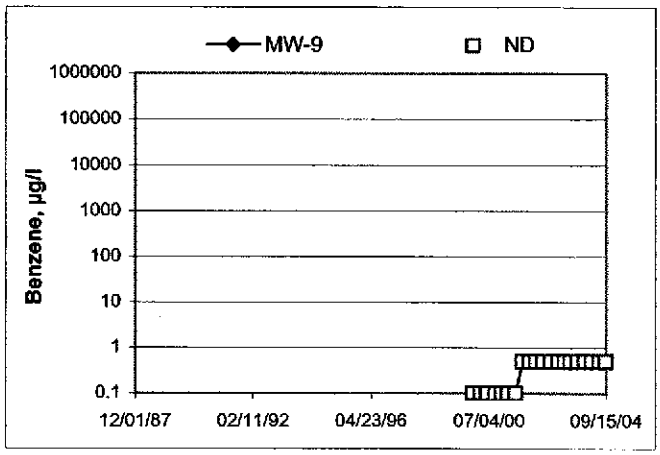


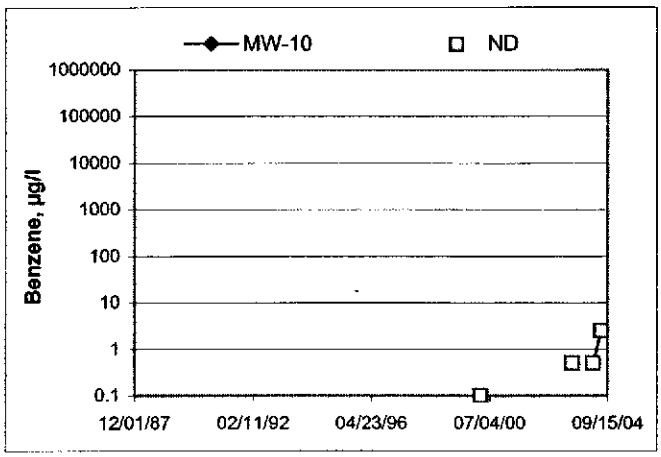


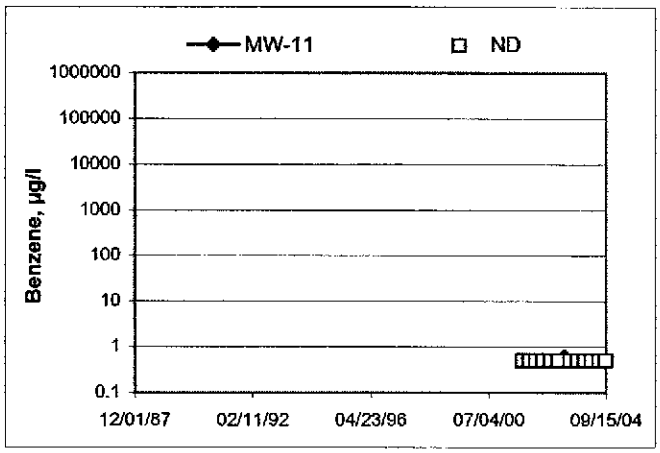


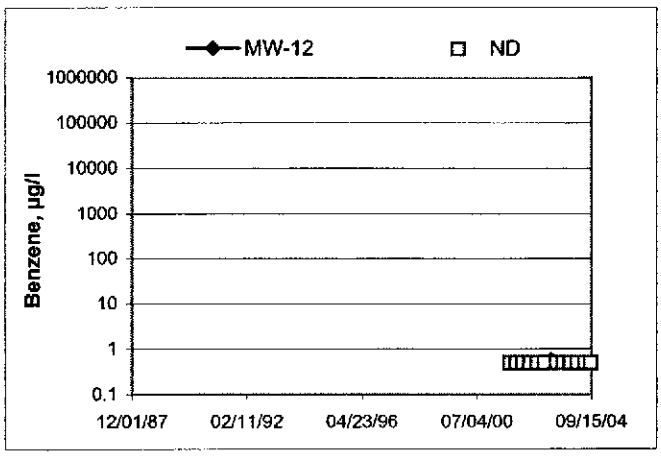


Benzene Concentrations vs Time
76 Station 7376









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: J. KEARNS Job #/Task #: 41050001 / 5120 Date: 9/8/04

Site # 7376 Project Manager _____ Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-12	✓	0455	89.27	71.96	Ø	Ø	0935	2"
MW-11		0459	85.97	72.69	Ø	Ø	1002	2"
MW-9		0506	77.84	71.36	Ø	Ø	0828	2" NO LOCK
MW-7		0512	76.70	70.05	Ø	Ø	0855	2" ↓
MW-8		0519	84.45	73.83	Ø	Ø	1036	2"
MW-5		0523	72.46	70.62	70.60	0.02	N/S	2" VISUAL CONFIRMATION OF LPH
MW-6		0530	87.95	87.27	Ø	Ø	DRY	2" NO BOLTS
MW-10		0606	90.31	DRY	—	—	N/S	2" 1/3 cem broken. no bolts DRY.
MW-2B		0655	84.92	84.60	Ø	Ø	DRY	2" 1/3 CEM BROKEN 1/3 bolts missing
MW-1		0543	86.35	79.45	Ø	Ø	0648	2"
MW-3		0549	94.13	83.81	Ø	Ø	1020	2"
MW-4		0554	92.75	86.45	Ø	Ø	0746	2"

FIELD DATA COMPLETE ✓	QA/QC ✓	COC ✓	WELL BOX CONDITION SHEETS ✓
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY ✓	TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. REARNS

Site: 7376 Project No.: 4105004 Date: 9/8/04

Well No.: MW-12
Depth to Water (feet): 71.96
Total Depth (feet): 89.27
Water Column (feet): 17.31
80% Recharge Depth (feet): 75.42

Purge Method: SUB
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F) (C)	pH	Turbidity	D.O.
0916			3	645	19.9	6.68		
			6	659	19.6	6.78		
	0926		9	639	19.5	6.80		

Static at Time Sampled	Total Gallons Purged	Time Sampled
72.15	9	0935

Comments:

Well No.: MW-11
Depth to Water (feet): 72.69
Total Depth (feet): 85.97
Water Column (feet): 13.28
80% Recharge Depth (feet): 75.35

Purge Method: SUB
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
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.
0944			2	844	21.0	6.58		
			4	798	19.9	6.68		
	0952		6	824	19.7	6.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
73.23	6	1002

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: 7376 Project No.: 41025001 Date: 9/8/04

Well No.: MW-7 Purge Method: H.B.

Depth to Water (feet): 70.05 Depth to Product (feet): Ø

Total Depth (feet): 76.70 LPH & Water Recovered (gallons): Ø

Water Column (feet): 6.65 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 71.38 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.
0812			1	1137	18.6	6.59		
			2	1147	18.5	6.63		
	0823		3	1170	18.5	6.67		

Static at Time Sampled		Total Gallons Purged	Time Sampled
71.27		3	0835

Comments:

Well No.: MW-8 Purge Method: SUB

Depth to Water (feet): 73.83 Depth to Product (feet): Ø

Total Depth (feet): 84.4 LPH & Water Recovered (gallons): Ø

Water Column (feet): 10.57 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 75.94 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.
0848			2	850	19.3	6.48		
			4	935	19.4	6.51		
			6	907	19.5	6.50		

Static at Time Sampled		Total Gallons Purged	Time Sampled
75.30		6	1036

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: 737Y Project No.: 41150001 Date: 9/8/04

Well No.: MW-1 Purge Method: ~~SUB~~ H.S.

Depth to Water (feet): 79.43 Depth to Product (feet): 0

Total Depth (feet): 96.35 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.92 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 80.81 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.
0632			1	860	19.7	6.94		
			2	867	19.8	6.88		
	0642		3	862	20.0	6.90		

Static at Time Sampled	Total Gallons Purged	Time Sampled
80.72	3	0648

Comments:

Well No.: MW-3 Purge Method: SUB

Depth to Water (feet): 83.81 Depth to Product (feet): 0

Total Depth (feet): 94.13 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.32 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 85.87 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.
0704			2	907	19.5	6.80		
			4	910	20.6	6.87		
	0717		6	914	20.5	6.89		

Static at Time Sampled	Total Gallons Purged	Time Sampled
90.65	6	1020

Comments: DIDN'T RECHARGE IN 2 HRS.

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: 7376 Project No.: 410500001 Date: 9/8/04

Well No.: MW-4
Depth to Water (feet): 86.45
Total Depth (feet): 92.75
Water Column (feet): 6.30
80% Recharge Depth (feet): 87.71

Purge Method: H.B.
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
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.
0730			1	603	19.8	7.38		
			2	591	19.5	7.40		
	0740		3	592	19.9	7.35		

Static at Time Sampled	Total Gallons Purged	Time Sampled
87.70	3	0746

Comments:

Well No.: MW-9
Depth to Water (feet): 71.34
Total Depth (feet): 77.84
Water Column (feet): 7.48
80% Recharge Depth (feet): 71.86

Purge Method: HB
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
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.
0759			1	716	18.5	6.62		
			2	721	18.1	6.63		
	0810		3	723	18.0	6.62		

Static at Time Sampled	Total Gallons Purged	Time Sampled
71.81	3	0828

Comments:

MANUAL PUMP/BAIL OUT SHEET

Site #: 7376 Project #: 41050001 Date: 9/8/04

Technician: J. KEARNS Page #: ______ of ______

Monitoring Data Before Pump/Bail Out

Well Number: MW-5
Depth to Product: 70.60
Depth to Water: 70.62
Total Depth of Well: 72.46
Feet of Total Fluid in Well: 1.86
Thickness of Product (ft.): 0.02
Well Diameter (in.): 2"
One Well Volume (gal.): .3

Pump/Bail One Well Volume

Water Recovered (gal.): ~~1 gal~~ 0.99 gal
Product Recovered (gal.): 0.01 gal
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge: 10 min
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☐ 3) Other ☐ ______

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 9/8/01 STATION NUMBER: 7376

NAME OF TECH: J. KEARNS CALLED GORDON: _____

CALLED PM: _____ NAME OF PM CALLED: _____

WELL NUMBER: ~~MW-6, MW-10~~ MW-6, MW-10, MW-28 STATEMENT FROM PM _____ OR TECH _____

WELLS DRY.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

PAGE _____

SEVERN TRENT STL

Submission#: 2004-09-0296

TRC Alton Geoscience- Irvine

September 23, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

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

Attached is our report for your samples received on 09/09/2004 15:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/24/2004 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: 2004-09-0296

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-12	09/08/2004 09:35	Water	1
MW-11	09/08/2004 10:02	Water	2
MW-9	09/08/2004 08:28	Water	3
MW-7	09/08/2004 08:35	Water	4
MW-8	09/08/2004 10:36	Water	5
MW-1	09/08/2004 06:48	Water	6
MW-3	09/08/2004 10:20	Water	7
MW-4	09/08/2004 07:46	Water	8

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-12**	Lab ID:	2004-09-0296 - 1
Sampled:	09/08/2004 09:35	Extracted:	9/16/2004 11:55
Matrix:	Water	QC Batch#:	2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 10:46	
Surrogate(s)						
o-Terphenyl	77.9	60-130	%	1.00	09/17/2004 10:46	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 3510/8015M
Sample ID: **MW-11**
Sampled: 09/08/2004 10:02
Matrix: Water

Test(s): 8015M
Lab ID: 2004-09-0296 - 2
Extracted: 9/16/2004 11:55
QC Batch#: 2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 11:14	
Surrogate(s)						
o-Terphenyl	75.4	60-130	%	1.00	09/17/2004 11:14	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 3510/8015M
Sample ID: **MW-9**
Sampled: 09/08/2004 08:28
Matrix: Water

Test(s): 8015M
Lab ID: 2004-09-0296 - 3
Extracted: 9/16/2004 11:55
QC Batch#: 2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 11:42	
Surrogate(s)						
o-Terphenyl	79.0	60-130	%	1.00	09/17/2004 11:42	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-7**	Lab ID:	2004-09-0296 - 4
Sampled:	09/08/2004 08:35	Extracted:	9/16/2004 11:55
Matrix:	Water	QC Batch#:	2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	270	50	ug/L	1.00	09/17/2004 12:10	edr
Surrogate(s)						
o-Terphenyl	78.1	60-130	%	1.00	09/17/2004 12:10	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-8**	Lab ID:	2004-09-0296 - 5
Sampled:	09/08/2004 10:36	Extracted:	9/16/2004 11:55
Matrix:	Water	QC Batch#:	2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 12:39	
Surrogate(s)						
o-Terphenyl	69.9	60-130	%	1.00	09/17/2004 12:39	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 3510/8015M
Sample ID: **MW-1**
Sampled: 09/08/2004 06:48
Matrix: Water

Test(s): 8015M
Lab ID: 2004-09-0296 - 6
Extracted: 9/16/2004 11:55
QC Batch#: 2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 12:07	
Surrogate(s)						
o-Terphenyl	67.9	60-130	%	1.00	09/17/2004 12:07	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-3**	Lab ID:	2004-09-0296 - 7
Sampled:	09/08/2004 10:20	Extracted:	9/16/2004 11:55
Matrix:	Water	QC Batch#:	2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	130	50	ug/L	1.00	09/17/2004 12:34	ndp
Surrogate(s)						
o-Terphenyl	77.2	60-130	%	1.00	09/17/2004 12:34	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 3510/8015M
Sample ID: **MW-4**
Sampled: 09/08/2004 07:46
Matrix: Water

Test(s): 8015M
Lab ID: 2004-09-0296 - 8
Extracted: 9/16/2004 11:55
QC Batch#: 2004/09/16-2A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/17/2004 13:02	
Surrogate(s)						
o-Terphenyl	65.1	60-130	%	1.00	09/17/2004 13:02	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2004/09/16-2A.10-001

Water

Test(s): 8015M
QC Batch # 2004/09/16-2A.10
Date Extracted: 09/16/2004 11:55

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	09/17/2004 17:21	
Surrogates(s)					
o-Terphenyl	81.0	60-130	%	09/17/2004 17:21	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/09/16-2A.10**

LCS 2004/09/16-2A.10-002 Extracted: 09/16/2004 Analyzed: 09/17/2004 17:49
LCSD 2004/09/16-2A.10-003 Extracted: 09/16/2004 Analyzed: 09/17/2004 18:17

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	732	746	1000	73.2	74.6	1.9	60-130	25		
Surrogates(s)										
o-Terphenyl	16.0	16.2	20.0	80.2	81.2		60-130			

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

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

SEVERN TRENT STL

Submission: 2004-09-0296

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-12	09/08/2004 09:35	Water	1
MW-11	09/08/2004 10:02	Water	2
MW-9	09/08/2004 08:28	Water	3
MW-7	09/08/2004 08:35	Water	4
MW-8	09/08/2004 10:36	Water	5
MW-1	09/08/2004 06:48	Water	6
MW-3	09/08/2004 10:20	Water	7
MW-4	09/08/2004 07:46	Water	8

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 5030B
Sample ID: **MW-12**
Sampled: 09/08/2004 09:35
Matrix: Water

Test(s): 8260B
Lab ID: 2004-09-0296 - 1
Extracted: 9/18/2004 19:28
QC Batch#: 2004/09/18-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/18/2004 19:28	
Benzene	ND	0.50	ug/L	1.00	09/18/2004 19:28	
Toluene	ND	0.50	ug/L	1.00	09/18/2004 19:28	
Ethylbenzene	ND	0.50	ug/L	1.00	09/18/2004 19:28	
Total xylenes	ND	1.0	ug/L	1.00	09/18/2004 19:28	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/18/2004 19:28	
Surrogate(s)						
1,2-Dichloroethane-d4	103.0	72-128	%	1.00	09/18/2004 19:28	
Toluene-d8	96.8	80-113	%	1.00	09/18/2004 19:28	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 5030B
Test(s): 8260B
Sample ID: **MW-11**
Lab ID: 2004-09-0296 - 2
Sampled: 09/08/2004 10:02
Extracted: 9/18/2004 19:47
Matrix: Water
QC Batch#: 2004/09/18-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/18/2004 19:47	
Benzene	ND	0.50	ug/L	1.00	09/18/2004 19:47	
Toluene	ND	0.50	ug/L	1.00	09/18/2004 19:47	
Ethylbenzene	ND	0.50	ug/L	1.00	09/18/2004 19:47	
Total xylenes	ND	1.0	ug/L	1.00	09/18/2004 19:47	
Methyl tert-butyl ether (MTBE)	8.0	0.50	ug/L	1.00	09/18/2004 19:47	
Surrogate(s)						
1,2-Dichloroethane-d4	107.5	72-128	%	1.00	09/18/2004 19:47	
Toluene-d8	94.4	80-113	%	1.00	09/18/2004 19:47	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 5030B
Sample ID: **MW-9**
Sampled: 09/08/2004 08:28
Matrix: Water

Test(s): 8260B
Lab ID: 2004-09-0296 - 3
Extracted: 9/18/2004 20:06
QC Batch#: 2004/09/18-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/18/2004 20:06	
Benzene	ND	0.50	ug/L	1.00	09/18/2004 20:06	
Toluene	ND	0.50	ug/L	1.00	09/18/2004 20:06	
Ethylbenzene	ND	0.50	ug/L	1.00	09/18/2004 20:06	
Total xylenes	ND	1.0	ug/L	1.00	09/18/2004 20:06	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/18/2004 20:06	
Surrogate(s)						
1,2-Dichloroethane-d4	110.0	72-128	%	1.00	09/18/2004 20:06	
Toluene-d8	97.3	80-113	%	1.00	09/18/2004 20:06	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

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

Sample ID: **MW-7**
Lab ID: 2004-09-0296 - 4

Sampled: 09/08/2004 08:35
Extracted: 9/18/2004 20:25

Matrix: Water
QC Batch#: 2004/09/18-2B.68

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1400	250	ug/L	5.00	09/18/2004 20:25	
Benzene	72	2.5	ug/L	5.00	09/18/2004 20:25	
Toluene	ND	2.5	ug/L	5.00	09/18/2004 20:25	
Ethylbenzene	ND	2.5	ug/L	5.00	09/18/2004 20:25	
Total xylenes	ND	5.0	ug/L	5.00	09/18/2004 20:25	
Methyl tert-butyl ether (MTBE)	440	2.5	ug/L	5.00	09/18/2004 20:25	
Surrogate(s)						
1,2-Dichloroethane-d4	115.2	72-128	%	5.00	09/18/2004 20:25	
Toluene-d8	99.5	80-113	%	5.00	09/18/2004 20:25	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

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

Sample ID: **MW-8**
Lab ID: 2004-09-0296 - 5

Sampled: 09/08/2004 10:36
Extracted: 9/18/2004 20:44

Matrix: Water
QC Batch#: 2004/09/18-2B.68

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	300	100	ug/L	2.00	09/18/2004 20:44	dp
Benzene	ND	1.0	ug/L	2.00	09/18/2004 20:44	
Toluene	ND	1.0	ug/L	2.00	09/18/2004 20:44	
Ethylbenzene	ND	1.0	ug/L	2.00	09/18/2004 20:44	
Total xylenes	ND	2.0	ug/L	2.00	09/18/2004 20:44	
Methyl tert-butyl ether (MTBE)	350	1.0	ug/L	2.00	09/18/2004 20:44	
Surrogate(s)						
1,2-Dichloroethane-d4	113.4	72-128	%	2.00	09/18/2004 20:44	
Toluene-d8	103.2	80-113	%	2.00	09/18/2004 20:44	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2004-09-0296 - 6
Sampled:	09/08/2004 06:48	Extracted:	9/20/2004 13:24
Matrix:	Water	QC Batch#:	2004/09/20-1D.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	93	50	ug/L	1.00	09/20/2004 13:24	dp
Benzene	ND	0.50	ug/L	1.00	09/20/2004 13:24	
Toluene	ND	0.50	ug/L	1.00	09/20/2004 13:24	
Ethylbenzene	ND	0.50	ug/L	1.00	09/20/2004 13:24	
Total xylenes	ND	1.0	ug/L	1.00	09/20/2004 13:24	
Methyl tert-butyl ether (MTBE)	120	0.50	ug/L	1.00	09/20/2004 13:24	
Surrogate(s)						
1,2-Dichloroethane-d4	100.3	72-128	%	1.00	09/20/2004 13:24	
Toluene-d8	91.0	80-113	%	1.00	09/20/2004 13:24	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 09/08/2004 10:20
Matrix: Water

Test(s): 8260B
Lab ID: 2004-09-0296 - 7
Extracted: 9/18/2004 21:22
QC Batch#: 2004/09/18-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	170	50	ug/L	1.00	09/18/2004 21:22	
Benzene	ND	0.50	ug/L	1.00	09/18/2004 21:22	
Toluene	ND	0.50	ug/L	1.00	09/18/2004 21:22	
Ethylbenzene	ND	0.50	ug/L	1.00	09/18/2004 21:22	
Total xylenes	ND	1.0	ug/L	1.00	09/18/2004 21:22	
Methyl tert-butyl ether (MTBE)	82	0.50	ug/L	1.00	09/18/2004 21:22	
Surrogate(s)						
1,2-Dichloroethane-d4	114.8	72-128	%	1.00	09/18/2004 21:22	
Toluene-d8	99.3	80-113	%	1.00	09/18/2004 21:22	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-4**	Lab ID:	2004-09-0296 - 8
Sampled:	09/08/2004 07:46	Extracted:	9/18/2004 21:41
Matrix:	Water	QC Batch#:	2004/09/18-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/18/2004 21:41	
Benzene	ND	0.50	ug/L	1.00	09/18/2004 21:41	
Toluene	ND	0.50	ug/L	1.00	09/18/2004 21:41	
Ethylbenzene	ND	0.50	ug/L	1.00	09/18/2004 21:41	
Total xylenes	ND	1.0	ug/L	1.00	09/18/2004 21:41	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/18/2004 21:41	
Surrogate(s)						
1,2-Dichloroethane-d4	108.8	72-128	%	1.00	09/18/2004 21:41	
Toluene-d8	91.2	80-113	%	1.00	09/18/2004 21:41	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/09/18-2B.68-015

Water

Test(s): 8260B
QC Batch # 2004/09/18-2B.68
Date Extracted: 09/18/2004 17:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/18/2004 17:15	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/18/2004 17:15	
Benzene	ND	0.5	ug/L	09/18/2004 17:15	
Toluene	ND	0.5	ug/L	09/18/2004 17:15	
Ethylbenzene	ND	0.5	ug/L	09/18/2004 17:15	
Total xylenes	ND	1.0	ug/L	09/18/2004 17:15	
Surrogates(s)					
1,2-Dichloroethane-d4	106.6	72-128	%	09/18/2004 17:15	
Toluene-d8	93.4	80-113	%	09/18/2004 17:15	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/09/20-1D.68

MB: 2004/09/20-1D.68-029

Date Extracted: 09/20/2004 07:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/20/2004 07:29	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/20/2004 07:29	
Benzene	ND	0.5	ug/L	09/20/2004 07:29	
Toluene	ND	0.5	ug/L	09/20/2004 07:29	
Ethylbenzene	ND	0.5	ug/L	09/20/2004 07:29	
Total xylenes	ND	1.0	ug/L	09/20/2004 07:29	
Surrogates(s)					
1,2-Dichloroethane-d4	100.0	72-128	%	09/20/2004 07:29	
Toluene-d8	100.4	80-113	%	09/20/2004 07:29	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/09/18-2B.68**

LCS 2004/09/18-2B.68-056 Extracted: 09/18/2004 Analyzed: 09/18/2004 16:56
LCSD 2004/09/18-2B.68-031 Extracted: 09/18/2004 Analyzed: 09/18/2004 18:31

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.8	24.6	25	103.2	98.4	4.8	65-165	20		
Benzene	27.4	28.7	25	109.6	114.8	4.6	69-129	20		
Toluene	26.2	25.7	25	104.8	102.8	1.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	450	433	500	90.0	86.6		72-128			
Toluene-d8	488	489	500	97.6	97.8		80-113			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/09/20-1D.68**

LCS 2004/09/20-1D.68-051 Extracted: 09/20/2004 Analyzed: 09/20/2004 06:51
LCSD 2004/09/20-1D.68-010 Extracted: 09/20/2004 Analyzed: 09/20/2004 07:10

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.7	30.9	25	118.8	123.6	4.0	65-165	20		
Benzene	27.0	28.0	25	108.0	112.0	3.6	69-129	20		
Toluene	27.9	30.2	25	111.6	120.8	7.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	446	447	500	89.2	89.4		72-128			
Toluene-d8	487	514	500	97.4	102.8		80-113			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 7376

Received: 09/09/2004 15:40

Site: 4191 First St. Pleasanton

Legend and Notes

Analysis Flag

o

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

Result Flag

dp

Sample contains discrete peak in gasoline range.

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 09 - ~~026~~ 0296 DSH

Checklist completed by: (initials) DSH Date: 09/10/04

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 ($4^{\circ}C \pm 2$)?	Temp: 3 °C	Yes ✓	No___
Potential reason for > 6°C - Ice melted ☐ Ice in bags ☐ Not enough ice ☐ Not enough blue ice ☐ Samples in boxes ☐			
Sampled < 4hr. ago? ☐ Ice not required (e.g. air or bulk sample) ☐	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):

88692

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:

2004-09-0296

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

ConocoPhillips Work Order Number: 1652TRC500

ConocoPhillips Cost Object:

DATE: 9/8/04

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 737L	GLOBAL ID NO.: T0600100101
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 4191 FIRST ST. PLEASANTON	CONOCOPHILLIPS SITE MANAGER: THOMAS KOSEL
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): J. KEARNS	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	TPPH by 8260B	BTEX/MTBE by 8260B
	MW-12	9/8	0935	GW	4									X	X	X
	MW-11		1002													
	MW-9		0828													
	MW-7		0835													
	MW-8		1026													
	MW-1		0648													
	MW-3		1020													
	MW-4		0746													

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

TEMPERATURE ON RECEIPT C° 3

3 VOAs w/HCl

1 AMB. UNPRES

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	REFRIGERATOR	9/8/04 ~~1135~~	1135
	STL-SF	9/9/04	10:20
STL-SF		9/9/04	15:40

9/19/03 Revision

STATEMENTS

Purge Water 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.