2512

ConocoPhillips

76 Broadway
Sacramento, California 95818

February 10, 2006

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

Re: **Report Transmittal**
Quarterly Report
Fourth Quarter – 2005
76 Service Station #3791
391 West A Street
Hayward, CA

Dear Mr. Hwang:

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

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

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

Sincerely,

Thomas K. Kosel

Thomas Kosel
Risk Management & Remediation

Attachment

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

175 Bernal Road • Suite 200
San Jose, California 95119 USA

800.477.7411
Fax 408.225.8506

www.deltaenv.com

Letter of Transmittal

To:	Alameda County Health Agency	Date: 2/22/2006
	Department of Environmental Health	
	1131 Harbor Bay Pkwy	Job No: C1Q-03791-011
	Alameda CA 94502-6540	
Attn:	Mr. Don Hwang	

We are sending the following items:

Date	Copies	Description
10-Feb-06	1	**Quarterly Summary Report - Fourth Quarter 2005**
		76 Service Station # 3791
		391 West A Street
		Hayward, California

These are transmitted:

☐ For your Information ☐ For action specified below ☐ For review and comment ☒ For your use ☒ As requested

2006 MAR -7 PM 1:47

Remarks

Copies to: Don Hwang

By: Eric Hetrick

Title: Senior Project Manager

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February 10, 2006

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

RE: Quarterly Summary Report - Fourth Quarter 2005
Delta Project Number: C1Q37-9101-1

Dear Mr. Hwang:

On behalf of ConocoPhillips (COP), Delta Environmental Consultants, Inc.(Delta) is forwarding the quarterly summary report for the following location:

Service Station	Location
ConocoPhillips No. 3791	391 West A Street Hayward, California

Sincerely,
Delta Environmental Consultants, Inc.

for

Eric G. Hetrick
Project Manager

R. Lee Dooley
CHG 183

PROFESSIONAL GEOLOGIST
R. LEE DOOLEY
NO. 0183
CERTIFIED
HYDROGEOLOGIST
STATE OF CALIFORNIA

Quarterly Summary Report
Fourth Quarter 2005

ConocoPhillips 76 Branded Service Station No. 3791
391 West A Street
Hayward, California

PREVIOUS ASSESSMENT

The Site is located at the intersection of West A Street and Arbor Avenue in Hayward, California. The site is currently occupied by an operating petroleum service station and has since approximately 1954. The site service station facilities include three 15,000-gallon gasoline underground storage tanks (USTs), three dispenser islands and a station building. The site is relatively flat at an elevation of 55 feet above mean sea level. The topography in the vicinity of the site is also relatively flat and slopes gently to the west toward San Francisco Bay, which is located approximately seven miles west of the site.

Between January 1987 and August 1990, RESNA observed the installation of five vadose-zone monitoring wells (VW-1 through VW-5) and ten groundwater monitoring wells (MW-6 through MW-15) at the site. Laboratory analytical results from soil samples collected during the well installations indicated the presence of gasoline hydrocarbons in the subsurface. Based on this information, a groundwater monitoring program was initiated at the site in September 1999. Laboratory analytical results from groundwater samples collected at the site indicated the presence of dissolved-phase petroleum hydrocarbons. Additionally, free-phase product was observed in groundwater monitoring wells MW-6 and MW-10 from October 1990 through March 1991.

Following the discovery of free-phase product in monitoring wells MW-6 and MW-10, two borings were installed in an attempt to delineate the horizontal extent of the product. During the installation of one of these borings, a product line was encountered and subsequently damaged. During the repair of the product line, an additional leak was discovered along the product line at a piping elbow location. This leak was inferred to be the source of the product which had previously been detected in monitoring wells MW-6 and MW-10.

Groundwater monitoring well MW-6 was properly destroyed in June 1991 since it was suggested that the construction of this well may have facilitated the downward migration of petroleum hydrocarbons.

In October 1992, three additional groundwater monitoring wells (MW-16 through MW-18) were installed west and south of the site. Laboratory analytical results from soil and groundwater samples collected during the installation of the monitoring wells indicated the presence of sorbed and dissolved-phase petroleum hydrocarbons outside of the site property boundaries.

One 500 gallon waste oil UST was removed in September of 1993. Additionally, three 10,000 gallon USTs were removed and replaced with 15,000 gallon tanks in April 1996. During the removal activities, associated product islands, dispensers and product piping were removed and replaced. Prior to the removal of the UST system, soil vapor extraction wells VW-1, VW-2 and VW-3 were properly abandoned due to their close proximity to the UST basin. Additionally, groundwater monitoring wells MW-8, MW-14 and MW-15 were damaged during the construction activities and were subsequently destroyed.

Laboratory analytical results from soil samples collected during the removal of the USTs and associated equipment indicated maximum concentrations of 7,000 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPHg) in soil samples collected beneath the dispenser islands and 1,500 ppm of total petroleum hydrocarbons as diesel (TPHd), and 6,800 TPHg in soil samples collected from the base of the UST excavation. During the UST and product line replacement activities, approximately 330 cubic yards of soil were removed and disposed of.

Following the removal and replacement of the UST system in April of 1996, a soil vapor extraction (SVE) system was installed in the vicinity of the UST system. SVE operations commenced on September 6, 1996 and operated on a continual basis. However, based on decreased influent concentrations of vapor-phase petroleum hydrocarbons, the SVE system was shut down on January 15, 1997 and pulsed operation of the SVE system commenced. The system was programmed to operate on a two week basis.

Following pulsed operation of the SVE system, influent vapor concentrations were non-detectable. For this reason, the SVE system was permanently shut down on March 21, 1997. At this time, oxygen releasing compound (ORC) modules were installed in downgradient groundwater monitoring wells MW-11, MW-12 and MW-13. Subsequent groundwater analytical results from groundwater samples collected from the referenced monitoring wells indicated a significant decrease in hydrocarbon concentrations.

From 1997 through 2000, groundwater monitoring continued at the site on a semi-annual basis and replacement of the ORC modules was conducted on an "as-needed" basis.

In August 2001, IT installed six air sparge points along the western edge of the UST basin along Arbor Avenue. Subsequent to their installation, an air sparging system was installed at the site, however, there is no data to indicate that the system has been in operation since installation prior to 2004. In June 2004, the air sparge system was turned on and operated for about 30 days. After detection of benzene and MTBE concentrations in offsite downgradient groundwater monitoring well MW-12, operation of the air sparging system was terminated, pending evaluation of more comprehensive remediation measures.

SENSITIVE RECEPTOR SURVEYS

A current and complete sensitive receptor survey is not available for the site. However, a survey of the Alameda County Public Works Agency files conducted in November of 1995 indicated that the closest water-supply well to the site is located 1,500 feet to the northwest of the site (crossgradient).

MONITORING AND SAMPLING

Semi-annual groundwater monitoring of groundwater monitoring wells MW-7, MW-9, MW-10 through MW-13 and MW-17 has been conducted at the site since July of 1997. Based upon the latest monitoring event, the groundwater at the site appears to flow radially away from the center, but historically, the groundwater flow direction trends with regional groundwater flow direction, which is to the southwest toward the San Francisco Bay.

As this site is sampled on a semi-annual basis during the first and third quarter the following statement is a reiteration from the third quarter 2005 Quarterly Summary Report. Laboratory analytical results from the July 2005 sampling event indicated the presence of TPPH in groundwater monitoring wells MW-9, MW-10, and MW-12 at respective concentrations of 31 ug/l, 13,000 ug/l, 58 ug/l and 4,200 ug/l. Further, benzene was detected in wells MW-10 and MW-12 at concentrations of 180 ug/l and 21 ug/l, respectively and MTBE was detected in wells MW-10, MW-11 and MW-12 at respective concentrations of 2,300 ug/l, 0.59 ug/l, and 190 ug/l.

REMEDIATION STATUS

An SVE and air sparge remediation system is currently located on-site, but there was apparently no active remediation between March 21, 1997, and June, 2004. Secor International Incorporated (SECOR) operated the air sparge system from July 1, 2004 to September 2, 2004. Due to the system breaker being tripped upon arrival at the site on August 4, 2004 and again on September 2, 2004, it is unclear how long the system operated during this period. Information regarding how long the system operated was not included in the *Quarterly Remedial Performance Summary – Fourth Quarter, 2004* report dated January 7, 2005 prepared by SECOR.

In the second quarter 2005, SECOR repaired the SVE unit and successfully replaced the granular activated carbon vessels associated with the SVE system. Based on this information, Delta performed a system effectiveness evaluation via a pilot test of the air sparge and SVE systems that was conducted in July 2005. System operating permits were valid until August of 2005. Results of the system effectiveness have not been reported to the ACDEH to date pending further evaluation of the site subsurface conditions, however, results of the evaluation indicate that the air sparge system appears to be capable of volatilizing petroleum hydrocarbons in groundwater and increasing dissolved oxygen levels across the site, thus enhancing microbial degradation. However, the pilot test on the SVE system indicated that the system does not appear to be able to capture vapor phase hydrocarbons.

Results of the test revealed that induced vacuum readings from the monitoring wells (screened from 20 to 40 feet bgs) do not provide useful data since the well screens are submerged. Due to this condition, the absence of induced vacuum readings from the SVE wells indicate that the current SVE system in not capable of producing an adequate radius of influence (ROI) to effectively remove petroleum hydrocarbons from the soil. In addition, the wellhead vacuums of approximately 0.62 inH_2O, which were consistent

despite the applied vacuum, indicate a substantial vacuum loss between the blower and the wellhead. The vacuum loss can likely be attributed to improper installation of the SVE lines and the use of a common line rather than individual extraction lines connecting the wells to a manifold in the compound.

Based on this information, Delta anticipates providing the ACDEH with a proposal to upgrade/modify the existing remedial system at the site.

CHARACTERIZATION STATUS

Contamination in soil has been adequately delineated. Soil sample collection and analysis to date indicate that contamination in the vadose zone is located primarily in the area of the existing USTs and dispensers. Based on the most recent groundwater monitoring data, the extent of contamination in groundwater has not been adequately delineated in the downgradient direction.

RECENT CORRESPONDENCE

Delta and ConocoPhillips met with personnel from the Alameda County Health Care Agency in January 2006 to discuss the path forward for select ConocoPhillips sites within the ACHCA's jurisdiction. Although this site was not discussed in the meeting, based on general information regarding agency priorities, Delta will re-evaluate the information obtained from the pilot test of the existing remedial system and anticipates preparing recommendations for path forward activities during the first quarter 2006 as part of a Site Conceptual Model.

THIS QUARTER ACTIVITIES (FOURTH QUARTER 2005)

1. Delta submitted the Third Quarter 2005 Quarterly Summary Report

NEXT QUARTER ACTIVITIES (FIRST QUARTER 2006)

1. Delta will submit the Fourth Quarter 2005 Quarterly Summary Report
2. Delta will review proposed path forward assessment and remedial testing activities with the ACHCA as part of a Site Conceptual Model.

CONSULTANT: Delta Environmental Consultants, Inc.

TRC

Customer-Focused Solutions

October 12, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 3791
391 WEST " A" STREET
HAYWARD, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 3791, located at 391 West " A" Street, Hayward, 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. Erick Hetrick, Delta Environmental (2 copies)
Mr. Hugh Murphy, Hayward Fire Department

Enclosures
20-0400/3791R02.QMS

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

TRC

Customer-Focused Solutions

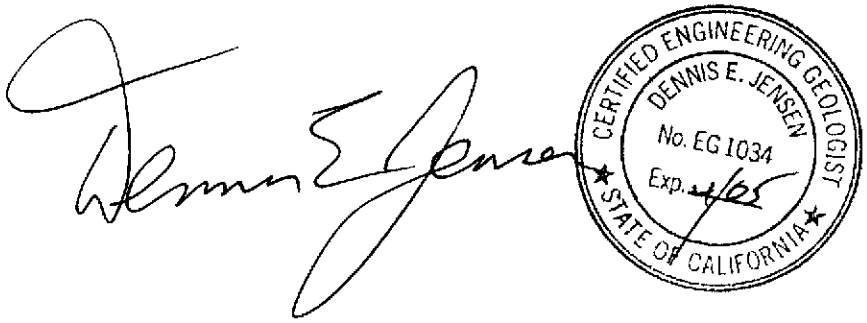
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2004

76 Station 3791
391 West "A" Street
Hayward, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
October 12, 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 December 2004
76 Station 3791
391 West "A" Street
Hayward, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **07/27/04**

Sample Points

Groundwater wells: **4** onsite, **3** offsite Wells gauged: **7** Wells sampled: **7**
Purging method: **Diaphragm/submersible pump**
Purge water disposal: **Onyx Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **19.94 feet** Maximum: **22.11 feet**
Average groundwater elevation (relative to available local datum): **32.72 feet**
Average change in groundwater elevation since previous event: **-0.51 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.003 ft/ft to 0.008 ft/ft, west**
Previous event: *** varied (02/04/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **2** Wells above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **510 µg/l (MW-10)**

Wells with **TPPH 8260B**	**3**	Maximum: **25,000 µg/l (MW-10)**
Wells with **MTBE**	**3**	Maximum: **6,700 µg/l (MW-10)**

Notes:

* Trend Southwest

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

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.
9. Historical data has been validated for this report. Values presented in the following tables supercede those from previous reports.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 3791 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

July 27, 2004

76 Station 3791

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		**(Screen Interval in feet: 20-40)**												
7/27/2004	54.61	21.39	0.00	33.22	-0.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9		**(Screen Interval in feet: 20-40)**												
7/27/2004	54.74	22.11	0.00	32.63	-0.73	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10		**(Screen Interval in feet: 20-40)**												
7/27/2004	53.87	20.90	0.00	32.97	-0.55	--	25000	510	ND<50	1800	1200	--	6700	
MW-11		**(Screen Interval in feet: 20-40)**												
7/27/2004	54.88	21.95	0.00	32.93	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12		**(Screen Interval in feet: 20-40)**												
7/27/2004	53.52	21.11	0.00	32.41	-0.46	--	6200	61	ND<2.5	170	42	--	230	
MW-13		**(Screen Interval in feet: 20-38)**												
7/27/2004	54.12	21.82	0.00	32.30	-0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-17		**(Screen Interval in feet: 20-40)**												
7/27/2004	52.52	19.94	0.00	32.58	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.8	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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	**(Screen Interval in feet: DNA)**													
10/01/88	--	25.47	0.00	--	--	34770	--	6650	690	1890	6980	--	--	
11/01/88	--	27.41	0.00	--	--	--	--	--	--	--	--	--	--	
12/01/88	--	25.79	0.00	--	--	--	--	--	--	--	--	--	--	
01/01/89	--	27.13	0.00	--	--	--	--	--	--	--	--	--	--	
02/01/89	--	25.27	0.00	--	--	--	--	--	--	--	--	--	--	
03/01/89	--	26.00	0.00	--	--	--	--	--	--	--	--	--	--	
08/01/89	--	26.33	0.00	--	--	82000	--	7800	150	2100	6000	--	--	
10/20/89	--	26.40	0.00	--	--	24000	--	2600	170	990	2500	--	--	
10/31/89	--	26.48	0.00	--	--	--	--	--	--	--	--	--	--	
11/01/89	--	26.42	0.00	--	--	36000	--	3100	1600	1200	4100	--	--	
02/01/90	--	26.14	0.00	--	--	72000	--	6700	5600	3200	16000	--	--	
03/01/90	--	26.77	0.00	--	--	--	--	--	--	--	--	--	--	
07/01/90	--	28.00	0.25	--	--	62000	--	6200	4400	2300	9700	--	--	
11/01/90	--	28.29	0.95	--	--	--	--	--	--	--	--	--	--	
02/01/91	--	26.12	0.34	--	--	--	--	--	--	--	--	--	--	
05/01/01	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-7	**(Screen Interval in feet: 20-40)**													
10/20/89	54.61	27.05	0.00	27.56	--	570	--	ND	ND	ND	ND	--	--	
10/24/89	54.61	26.99	0.00	27.62	0.06	--	--	--	--	--	--	--	--	
10/31/89	54.61	27.05	0.00	27.56	-0.06	--	--	--	--	--	--	--	--	
11/01/89	54.61	27.14	0.00	27.47	-0.09	330	--	ND	ND	ND	ND	--	--	
02/01/90	54.61	27.10	0.00	27.51	0.04	320	--	ND	ND	ND	ND	--	--	
03/01/90	54.61	26.84	0.00	27.77	0.26	--	--	--	--	--	--	--	--	
07/01/90	54.61	27.42	0.00	27.19	-0.58	200	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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														
11/01/90	54.61	28.15	0.00	26.46	-0.73	--	--	--	--	--	--	--	--	
02/01/91	54.61	28.25	0.00	26.36	-0.10	--	--	--	--	--	--	--	--	
05/01/91	54.61	26.56	0.00	28.05	1.69	--	--	--	--	--	--	--	--	
08/01/91	54.61	27.59	0.00	27.02	-1.03	--	--	--	--	--	--	--	--	
11/01/91	54.61	28.33	0.00	26.28	-0.74	--	--	--	--	--	--	--	--	
02/01/92	54.61	27.68	0.00	26.93	0.65	1500	--	ND	ND	ND	ND	--	--	
05/01/92	54.61	26.20	0.00	28.41	1.48	1100	--	ND	1.3	0.7	2.9	--	--	
09/01/92	54.61	27.34	0.00	27.27	-1.14	520	--	ND	ND	0.67	0.73	--	--	
11/01/92	54.61	27.78	0.00	26.83	-0.44	710	--	ND	0.9	1	1.3	--	--	
03/01/93	54.61	23.50	0.00	31.11	4.28	770	--	13	ND	ND	0.7	--	--	
06/24/93	54.61	23.77	0.00	30.84	-0.27	160	--	ND	ND	ND	ND	--	--	
09/01/93	54.61	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.61	25.34	0.00	29.27	--	210	--	9.6	ND	0.72	2.9	--	--	
03/14/94	54.61	24.24	0.00	30.37	1.10	74	--	ND	0.84	ND	1.4	--	--	
06/13/94	54.61	24.50	0.00	30.11	-0.26	240	--	0.76	2.5	2.1	8.5	--	--	
09/08/94	54.61	25.34	0.00	29.27	-0.84	ND	--	0.74	1.4	ND	0.95	--	--	
12/06/94	54.61	25.22	0.00	29.39	0.12	ND	--	ND	ND	ND	ND	--	--	
03/15/95	54.61	21.85	0.00	32.76	3.37	ND	--	ND	ND	ND	ND	--	--	
06/22/95	54.61	21.33	0.00	33.28	0.52	ND	--	ND	0.91	ND	ND	--	--	
09/26/95	54.61	22.67	0.00	31.94	-1.34	150	--	ND	ND	ND	ND	--	--	
12/27/95	54.61	23.05	0.00	31.56	-0.38	ND	--	ND	ND	ND	ND	--	--	
03/25/96	54.61	18.61	0.00	36.00	--	ND	--	ND	ND	ND	ND	ND	--	
07/25/96	54.61	20.58	0.00	34.03	-1.97	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	54.61	22.17	0.00	32.44	-1.59	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1988 Through July 2004
76 Station 3791

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
01/29/97	54.61	18.30	0.00	36.31	3.87	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	54.61	19.90	0.00	34.71	-1.60	ND	--	ND	ND	ND	ND	10	--	
07/29/97	54.61	21.52	0.00	33.09	-1.62	ND	--	ND	ND	ND	ND	5	--	
01/27/98	54.61	19.14	0.00	35.47	2.38	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	54.61	16.90	0.00	37.71	2.24	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	54.61	19.80	0.00	34.81	-2.90	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	54.61	19.96	0.00	34.65	-0.16	ND	--	ND	ND	ND	ND	ND	--	
01/11/00	54.61	22.27	0.00	32.34	-2.31	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	54.61	20.20	0.00	34.41	2.07	ND	--	ND	ND	ND	ND	ND	--	
01/24/01	54.61	20.12	0.00	34.49	0.08	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	54.61	21.15	0.00	33.46	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	54.61	20.85	0.00	33.76	0.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	54.61	22.09	0.00	32.52	-1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/01/03	54.61	20.66	0.00	33.95	1.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/15/03	54.61	21.18	0.00	33.43	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/04/04	54.61	21.25	0.00	33.36	-0.07	--	360	3.9	ND<0.50	33	30	--	2.2	
07/27/04	54.61	21.39	0.00	33.22	-0.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8	**(Screen Interval in feet: DNA)**													
10/20/89	55.09	27.55	0.00	27.54	--	540	--	ND	ND	ND	ND	--	--	
10/31/89	55.09	27.54	0.00	27.55	--	--	--	--	--	--	--	--	--	
11/01/89	55.09	--	--	--	--	480	--	ND	ND	ND	ND	--	--	
02/01/90	55.09	27.60	0.00	27.49	--	280	--	24	28	2	16	--	--	
03/01/90	55.09	27.30	0.00	27.79	0.30	--	--	--	--	--	--	--	--	
07/01/90	55.09	27.91	0.00	27.18	-0.61	100	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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														
11/01/90	55.09	28.65	0.00	26.44	-0.74	--	--	--	--	--	--	--	--	
02/01/91	55.09	28.71	0.00	26.38	-0.06	--	--	--	--	--	--	--	--	
05/01/91	55.09	27.00	0.00	28.09	1.71	--	--	--	--	--	--	--	--	
08/01/91	55.09	28.08	0.00	27.01	-1.08	--	--	--	--	--	--	--	--	
11/01/91	55.09	28.82	0.00	26.27	-0.74	--	--	--	--	--	--	--	--	
02/01/92	55.09	28.27	0.00	26.82	0.55	130	--	ND	ND	ND	0.9	--	--	
05/01/92	55.09	26.65	0.00	28.44	1.62	340	--	ND	1.1	ND	2.2	--	--	
09/01/92	55.09	27.84	0.00	27.25	-1.19	62	--	ND	ND	ND	1.8	--	--	
11/01/92	55.09	28.30	0.00	26.79	-0.46	ND	--	ND	ND	ND	1.2	--	--	
03/01/93	55.09	23.90	0.00	31.19	4.40	460	--	7.6	0.7	0.5	5	--	--	
06/24/93	55.09	24.33	0.00	30.76	-0.43	ND	--	ND	ND	ND	ND	--	--	
09/01/93	55.09	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	55.09	25.84	0.00	29.25	--	74	--	ND	0.84	1.1	3.3	--	--	
03/14/94	55.09	24.70	0.00	30.39	1.14	68	--	2.9	1.2	ND	2.1	--	--	
06/13/94	55.09	24.98	0.00	30.11	-0.28	86	--	0.59	3.6	1.6	10	--	--	
09/08/94	55.09	25.92	0.00	29.17	-0.94	60	--	ND	1	ND	0.86	--	--	
12/06/94	55.09	25.68	0.00	29.41	0.24	54	--	ND	ND	ND	0.64	--	--	
03/15/95	55.09	22.29	0.00	32.80	3.39	ND	--	ND	ND	ND	ND	--	--	
06/22/95	55.09	21.83	0.00	33.26	0.46	ND	--	ND	ND	ND	ND	--	--	
09/26/95	55.09	23.17	0.00	31.92	-1.34	140	--	ND	ND	ND	ND	--	--	
12/27/95	55.09	23.48	0.00	31.61	-0.31	ND	--	ND	ND	ND	ND	--	--	
03/25/96	55.09	19.06	0.00	36.03	--	ND	--	ND	ND	ND	ND	ND	--	
07/25/96	55.09	21.08	0.00	34.01	-2.02	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	55.09	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
01/29/97	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-9	**(Screen Interval in feet: 20-40)**													
10/20/89	54.74	27.41	0.00	27.33	--	5000	--	ND	7.5	8.8	5.8	--	--	
10/24/89	54.74	27.29	0.00	27.45	0.12	--	--	--	--	--	--	--	--	
10/31/89	54.74	27.34	0.00	27.40	-0.05	--	--	--	--	--	--	--	--	
11/01/89	54.74	27.43	0.00	27.31	-0.09	3000	--	2.2	7.4	9	9.4	--	--	
02/01/90	54.74	27.33	0.00	27.41	0.10	2700	--	ND	11	14	2.5	--	--	
03/01/90	54.74	27.04	0.00	27.70	0.29	--	--	--	--	--	--	--	--	
07/01/90	54.74	27.69	0.00	27.05	-0.65	2500	--	11	10	11	ND<5	--	--	
11/01/90	54.74	28.44	0.00	26.30	-0.75	--	--	--	--	--	--	--	--	
02/01/91	54.74	28.48	0.00	26.26	-0.04	--	--	--	--	--	--	--	--	
05/01/91	54.74	26.70	0.00	28.04	1.78	--	--	--	--	--	--	--	--	
08/01/91	54.74	27.86	0.00	26.88	-1.16	--	--	--	--	--	--	--	--	
11/01/91	54.74	28.59	0.00	26.15	-0.73	--	--	--	--	--	--	--	--	
02/01/92	54.74	28.04	0.00	26.70	0.55	5500	--	ND	6.2	6.6	1.6	--	--	
05/01/92	54.74	26.41	0.00	28.33	1.63	5100	--	20.5	7.6	13	1.8	--	--	
09/01/92	54.74	27.65	0.00	27.09	-1.24	2500	--	ND	4.7	5.4	4.3	--	--	
11/01/92	54.74	28.10	0.00	26.64	-0.45	2800	--	ND	8.6	5.6	6.8	--	--	
03/01/93	54.74	23.56	0.00	31.18	4.54	3400	--	24	10	10	7.7	--	--	
06/24/93	54.74	24.12	0.00	30.62	-0.56	1500	--	ND	ND	7.5	ND	--	--	
09/01/93	54.74	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.74	25.64	0.00	29.10	--	570	--	15	ND	2	2.9	--	--	
03/14/94	54.74	24.41	0.00	30.33	1.23	610	--	2.4	2.3	1.7	3.8	--	--	
06/13/94	54.74	24.76	0.00	29.98	-0.35	690	--	2	5.8	4.2	12	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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														
09/08/94	54.74	25.72	0.00	29.02	-0.96	710	--	6.6	1.6	ND	3.5	--	--	
12/06/94	54.74	25.41	0.00	29.33	0.31	460	--	2.4	18	ND	1.4	--	--	
03/15/95	54.74	21.93	0.00	32.81	3.48	370	--	3.2	15	ND	1.3	--	--	
06/22/95	54.74	21.69	0.00	33.05	0.24	190	--	0.53	0.57	ND	1.7	--	--	
09/26/95	54.74	23.02	0.00	31.72	-1.33	400	--	0.99	27	1.1	1.6	--	--	
12/27/95	54.74	23.26	0.00	31.48	-0.24	ND	--	ND	ND	ND	ND	--	--	
03/25/96	54.74	18.75	0.00	35.99	--	ND	--	2	1.3	1.1	3.7	ND	--	
07/25/96	54.74	20.96	0.00	33.78	-2.21	ND	--	ND	ND	ND	0.54	ND	--	
10/28/96	54.74	22.51	0.00	32.23	-1.55	760	--	16	3	3	4.9	ND	--	
01/29/97	54.74	18.34	0.00	36.40	4.17	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	54.74	20.34	0.00	34.40	-2.00	ND	--	ND	ND	ND	ND	ND	--	
07/29/97	54.74	21.89	0.00	32.85	-1.55	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	54.74	19.25	0.00	35.49	2.64	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	54.74	17.26	0.00	37.48	1.99	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	54.74	20.09	0.00	34.65	-2.83	52	--	ND	ND	ND	ND	44	--	
07/12/99	54.74	20.35	0.00	34.39	-0.26	130	--	ND	ND	ND	ND	ND	--	
01/11/00	54.74	22.61	0.00	32.13	-2.26	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	54.74	20.57	0.00	34.17	2.04	96.6	--	ND	ND	ND	ND	ND	--	
01/24/01	54.74	20.23	0.00	34.51	0.34	186	--	ND	ND	ND	ND	ND	--	
07/31/01	54.74	22.50	0.00	32.24	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	54.74	20.98	0.00	33.76	1.52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	54.74	22.44	0.00	32.30	-1.46	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/01/03	54.74	20.75	0.00	33.99	1.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/15/03	54.74	21.56	0.00	33.18	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1988 Through July 2004
76 Station 3791

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														
02/04/04	54.74	21.38	0.00	33.36	0.18	--	770	8.4	1.1	70	60	--	4.9	
07/27/04	54.74	22.11	0.00	32.63	-0.73	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10	**(Screen Interval in feet: 20-40)**													
10/20/89	53.87	26.48	0.00	27.39	--	54000	--	7200	590	1200	2400	--	--	
10/24/89	53.87	26.40	0.00	27.47	0.08	--	--	--	--	--	--	--	--	
10/31/89	53.87	26.45	0.00	27.42	-0.05	--	--	--	--	--	--	--	--	
11/01/89	53.87	26.53	0.00	27.34	-0.08	54000	--	8200	810	1600	3700	--	--	
02/01/90	53.87	26.45	0.00	27.42	0.08	13000	--	2500	240	410	1100	--	--	
03/01/90	53.87	26.16	0.00	27.71	0.29	--	--	--	--	--	--	--	--	
07/01/90	53.87	26.81	0.00	27.06	-0.65	17000	--	4000	240	520	1100	--	--	
11/01/90	53.87	27.54	0.00	26.33	-0.73	9200	--	2600	130	420	740	--	--	
02/01/91	53.87	28.20	0.80	26.27	-0.06	--	--	--	--	--	--	--	--	
05/01/91	53.87	28.14	0.36	26.00	-0.27	--	--	--	--	--	--	--	--	
08/01/91	53.87	27.40	0.57	26.90	0.90	--	--	--	--	--	--	--	--	
11/01/91	53.87	28.25	0.75	26.18	-0.72	--	--	--	--	--	--	--	--	
02/01/92	53.87	27.50	0.02	26.38	0.20	--	--	--	--	--	--	--	--	
05/01/92	53.87	25.53	0.10	28.41	2.03	--	--	--	--	--	--	--	--	
09/01/92	53.87	26.79	0.05	27.12	-1.30	--	--	--	--	--	--	--	--	
11/01/92	53.87	27.22	0.02	26.66	-0.45	--	--	--	--	--	--	--	--	
03/01/93	53.87	22.72	0.00	31.15	4.49	--	--	--	--	--	--	--	--	
06/24/93	53.87	23.23	0.00	30.64	-0.51	--	--	--	--	--	--	--	--	
09/01/93	53.87	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	53.87	24.75	0.00	29.12	--	22000	--	7300	1700	690	2700	--	--	
03/14/94	53.87	23.70	0.00	30.17	1.05	98000	--	8000	6100	1700	17000	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
06/13/94	53.87	23.88	0.00	29.99	-0.18	24000	--	5400	1400	680	2700	--	--	
09/08/94	53.87	24.82	0.00	29.05	-0.94	26000	--	6000	2800	1100	5300	--	--	
12/06/94	53.87	24.54	0.00	29.33	0.28	67000	--	8100	7300	2000	11000	--	--	
03/15/95	53.87	21.15	0.00	32.72	3.39	56000	--	7900	4500	2000	15000	--	--	
06/22/95	53.87	20.80	0.00	33.07	0.35	60000	--	6900	2600	2100	15000	--	--	
09/26/95	53.87	22.14	0.00	31.73	-1.34	60000	--	11000	3100	2500	15000	--	--	
12/28/95	53.87	22.45	0.00	31.42	--	46000	--	6200	1400	2200	15000	--	--	
03/25/96	53.87	17.86	0.00	36.01	4.59	11000	--	3300	450	980	5900	280	--	
07/25/96	53.87	19.80	0.00	34.07	-1.94	54000	--	4900	1300	2200	12000	ND	--	
10/28/96	53.87	21.32	0.00	32.55	-1.52	49000	--	9700	1500	2400	11000	1500	--	
01/29/97	53.87	17.21	0.00	36.66	4.11	3600	--	71	ND	120	480	240	--	
04/28/97	53.87	19.17	0.00	34.70	-1.96	55	--	0.75	ND	1.5	4.2	ND	--	
07/29/97	53.87	20.70	0.00	33.17	-1.53	14000	--	950	92	740	1900	160	--	
01/27/98	53.87	18.11	0.00	35.76	2.59	6100	--	670	53	310	960	130	--	
07/13/98	53.87	16.10	0.00	37.77	2.01	23000	--	3000	190	1600	5000	17000	--	
01/20/99	53.87	18.78	0.00	35.09	-2.68	22000	--	3700	180	1200	3600	24000	--	
07/12/99	53.87	19.20	0.00	34.67	-0.42	30000	--	3900	ND	1300	4000	32000	--	
01/11/00	53.87	21.41	0.00	32.46	-2.21	22000	--	4400	70	1400	3900	67000	--	
07/25/00	53.87	19.38	0.00	34.49	2.03	20600	--	3420	ND	1,550	2,430	62,300	--	
01/24/01	53.87	19.44	0.00	34.43	-0.06	21500	--	2660	ND	1680	2140	74700	70400	
07/31/01	53.87	22.31	0.00	31.56	--	24000	--	2500	ND<50	1400	1800	110000	--	
01/14/02	53.87	19.83	0.00	34.04	2.48	21000	--	1900	ND<50	1300	2000	88000	--	
07/31/02	53.87	21.25	0.00	32.62	-1.42	--	48000	1200	ND<250	800	730	--	40000	
02/01/03	53.87	19.61	0.00	34.26	1.64	--	ND<20,000	540	ND<200	320	ND<400	--	23000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
07/15/03	53.87	20.38	0.00	33.49	-0.77	--	11,000	420	ND<100	590	280	--	13000	
02/04/04	53.87	20.35	0.00	33.52	0.03	--	14000	580	ND<130	750	420	--	9900	
07/27/04	53.87	20.90	0.00	32.97	-0.55	--	25000	510	ND<50	1800	1200	--	6700	
MW-11	**(Screen Interval in feet: 20-40)**													
10/20/89	54.55	27.20	0.00	27.35	--	14000	--	2.7	5.3	63	49	--	--	
10/24/89	54.55	27.15	0.00	27.40	0.05	--	--	--	--	--	--	--	--	
10/31/89	54.55	27.18	0.00	27.37	-0.03	--	--	--	--	--	--	--	--	
11/01/89	54.55	27.26	0.00	27.29	-0.08	8000	--	1.8	7.2	43	26	--	--	
02/01/90	54.55	27.16	0.00	27.39	0.10	6600	--	75	13	51	37	--	--	
03/01/90	54.55	26.88	0.00	27.67	0.28	--	--	--	--	--	--	--	--	
07/01/90	54.55	27.54	0.00	27.01	-0.66	5200	--	31	14	30	7	--	--	
11/01/90	54.55	28.27	0.00	26.28	-0.73	--	--	--	--	--	--	--	--	
02/01/91	54.55	28.33	0.00	26.22	-0.06	4800	--	ND	16	34	15	--	--	
05/01/91	54.55	26.53	0.00	28.02	1.80	6200	--	5	7.1	32	12	--	--	
08/01/91	54.55	27.70	0.00	26.85	-1.17	3600	--	ND	13	30	12	--	--	
11/01/91	54.55	28.43	0.00	26.12	-0.73	4200	--	ND	ND	16	8.8	--	--	
02/01/92	54.55	27.89	0.00	26.66	0.54	6500	--	23	6.8	14	2	--	--	
05/01/92	54.55	26.25	0.00	28.30	1.64	--	--	--	--	--	--	--	--	
09/01/92	54.55	27.51	0.00	27.04	-1.26	3200	--	ND	3.7	10	5.8	--	--	
11/01/92	54.55	27.95	0.00	26.60	-0.44	--	--	--	--	--	--	--	--	
03/01/93	54.55	23.36	0.00	31.19	4.59	--	--	--	--	--	--	--	--	
06/24/93	54.55	24.04	0.00	30.51	-0.68	1400	--	ND	ND	7.3	ND	--	--	
09/01/93	54.55	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.55	25.48	0.00	29.07	--	1200	--	30	ND	5.6	4.7	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
03/14/94	54.55	24.24	0.00	30.31	1.24	--	--	--	--	--	--	--	--	Sampled semi-annually
06/13/94	54.88	24.97	0.00	29.91	-0.40	860	--	5.3	2.4	4.4	6.4	--	--	
09/08/94	54.88	25.93	0.00	28.95	-0.96	--	--	--	--	--	--	--	--	
12/06/94	54.88	25.62	0.00	29.26	0.31	570	--	2.5	ND	ND	3.7	--	--	
03/15/95	54.88	22.17	0.00	32.71	3.45	--	--	--	--	--	--	--	--	
06/22/95	54.88	21.95	0.00	32.93	0.22	160	--	0.67	ND	ND	1.3	--	--	
09/26/95	54.88	23.28	0.00	31.60	-1.33	--	--	--	--	--	--	--	--	
12/27/95	54.88	23.50	0.00	31.38	-0.22	280	--	ND	ND	ND	1.1	--	--	
03/25/96	54.88	19.00	0.00	35.88	--	--	--	--	--	--	--	--	--	
07/25/96	54.88	--	--	--	--	--	--	--	--	--	--	--	--	Well obstructed
10/28/96	54.88	22.31	0.00	32.57	--	--	--	--	--	--	--	--	--	
01/29/97	54.88	18.10	0.00	36.78	4.21	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	54.88	20.18	0.00	34.70	-2.08	--	--	--	--	--	--	--	--	
07/29/97	54.88	21.74	0.00	33.14	-1.56	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	54.88	19.11	0.00	35.77	2.63	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	54.88	17.10	0.00	37.78	2.01	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	54.88	19.87	0.00	35.01	-2.77	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	54.88	20.19	0.00	34.69	-0.32	ND	--	ND	ND	ND	ND	3.9	--	
01/11/00	54.88	22.45	0.00	32.43	-2.26	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	54.88	20.42	0.00	34.46	2.03	ND	--	ND	ND	ND	ND	8.36	--	
01/24/01	54.88	20.19	0.00	34.69	0.23	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	54.88	22.33	0.00	32.55	--	84	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	54.88	20.76	0.00	34.12	1.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	54.88	22.29	0.00	32.59	-1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
02/01/03	54.88	20.51	0.00	34.37	1.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
07/15/03	54.88	21.27	0.00	33.61	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
02/04/04	54.55	21.50	0.00	33.05	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/27/04	54.88	21.95	0.00	32.93	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12	**(Screen Interval in feet: 20-40)**													
02/01/90	53.21	25.67	0.00	27.54	--	9500	--	190	40	270	820	--	--	
03/01/90	53.21	25.55	0.00	27.66	0.12	--	--	--	--	--	--	--	--	
07/01/90	53.21	26.24	0.00	26.97	-0.69	3400	--	110	ND	130	330	--	--	
11/01/90	53.21	26.97	0.00	26.24	-0.73	1700	--	96	6.2	110	200	--	--	
02/01/91	53.21	27.01	0.00	26.20	-0.04	1600	--	40	4.7	33	71	--	--	
05/01/91	53.21	25.25	0.00	27.96	1.76	3100	--	48	3	63	130	--	--	
08/01/91	53.21	26.41	0.00	26.80	-1.16	3000	--	120	9.1	120	190	--	--	
11/01/91	53.21	27.12	0.00	26.09	-0.71	3200	--	67	5.6	59	120	--	--	
02/01/92	53.21	26.50	0.00	26.71	0.62	7900	--	11	ND	9.8	160	--	--	
05/01/92	53.21	24.95	0.00	28.26	1.55	4200	--	ND	6.2	6.8	6.7	--	--	
09/01/92	53.21	26.20	0.00	27.01	-1.25	3600	--	110	5	69	150	--	--	
11/01/92	53.21	26.64	0.00	26.57	-0.44	4900	--	150	1.6	110	200	--	--	
03/01/93	53.21	22.19	0.00	31.02	4.45	31000	--	940	34	560	2200	--	--	
06/24/93	53.21	22.70	0.00	30.51	-0.51	20000	--	1700	ND	1300	3600	--	--	
09/01/93	53.21	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	53.21	24.20	0.00	29.01	--	3400	--	420	ND	160	340	--	--	
03/14/94	53.21	22.95	0.00	30.26	1.25	23000	--	2200	ND	1000	2500	--	--	
06/13/94	53.52	23.63	0.00	29.89	-0.37	5600	--	470	14	240	460	--	--	
09/08/94	53.52	24.50	0.00	29.02	-0.87	6100	--	530	17	290	530	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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														
12/06/94	53.52	24.25	0.00	29.27	0.25	17000	--	1700	12	840	1400	--	--	
03/15/95	53.52	20.76	0.00	32.76	3.49	8400	--	ND	ND	ND	ND	--	--	
06/22/95	53.52	20.57	0.00	32.95	0.19	6600	--	800	ND	210	640	--	--	
09/26/95	53.52	21.92	0.00	31.60	-1.35	12000	--	1100	16	510	2100	--	--	
12/28/95	53.52	22.11	0.00	31.41	--	1400	--	190	ND	100	14	--	--	
03/25/96	53.52	18.60	0.00	34.92	3.51	420	--	85	ND	26	290	ND	--	
07/25/96	53.52	19.85	0.00	33.67	-1.25	3600	--	260	5.9	87	510	ND	--	
10/28/96	53.52	21.40	0.00	32.12	-1.55	5600	--	660	5.7	190	350	130	--	
01/29/97	53.52	17.23	0.00	36.29	4.17	970	--	67	ND	30	240	ND	--	
04/28/97	53.52	19.28	0.00	34.24	-2.05	ND	--	1.2	ND	ND	0.8	ND	--	
07/29/97	53.52	20.85	0.00	32.67	-1.57	4700	--	440	ND	150	360	ND	--	
01/27/98	53.52	18.08	0.00	35.44	2.77	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	53.52	16.20	0.00	37.32	1.88	170	--	8.8	ND	2.3	22	13	--	
01/20/99	53.52	18.65	0.00	34.87	-2.45	420	--	14	ND	6.5	18	2.7	--	
07/12/99	53.52	19.26	0.00	34.26	-0.61	1100	--	35	ND	26	76	44	--	
01/11/00	53.52	21.51	0.00	32.01	-2.25	320	--	14	ND	12	18	19	--	
07/25/00	53.52	19.52	0.00	34.00	1.99	374	--	15.3	ND	15.7	21.7	15.9	--	
01/24/01	53.52	19.33	0.00	34.19	0.19	151	--	3.51	ND	3.26	1.48	13.6	--	
07/31/01	53.52	21.42	0.00	32.10	--	1100	--	52	ND<1.0	18	7.3	23	--	
01/14/02	53.52	19.86	0.00	33.66	1.56	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	53.52	21.36	0.00	32.16	-1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
02/01/03	53.52	19.55	0.00	33.97	1.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/15/03	53.52	20.48	0.00	33.04	-0.93	--	ND<50	ND<0.50	ND<0.50	1.0	5.2	--	ND<2.0	
02/04/04	53.52	20.65	0.00	32.87	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1988 Through July 2004
76 Station 3791

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														
07/27/04	53.52	21.11	0.00	32.41	-0.46	--	6200	61	ND<2.5	170	42	--	230	
MW-13	**(Screen Interval in feet: 20-38)**													
02/01/90	54.12	26.84	0.00	27.28	--	1200	--	1.7	ND	6.5	4.4	--	--	
03/01/90	54.12	26.53	0.00	27.59	0.31	--	--	--	--	--	--	--	--	
07/01/90	54.12	27.22	0.00	26.90	-0.69	1900	--	6	4	2	1	--	--	
11/01/90	54.12	27.95	0.00	26.17	-0.73	--	--	--	--	--	--	--	--	
02/01/91	54.12	27.97	0.00	26.15	-0.02	940	--	ND	2.5	2.9	2.9	--	--	
05/01/91	54.12	26.15	0.00	27.97	1.82	1400	--	ND	ND	2.4	1.4	--	--	
08/01/91	54.12	27.35	0.00	26.77	-1.20	900	--	ND	1.5	2.9	2.8	--	--	
11/01/91	54.12	28.07	0.00	26.05	-0.72	1600	--	ND	2.5	3.2	11	--	--	
02/01/92	54.12	27.53	0.00	26.59	0.54	3200	--	ND	2.8	3.2	ND	--	--	
05/01/92	54.12	25.88	0.00	28.24	1.65	14000	--	190	6.4	210	420	--	--	
09/01/92	54.12	27.18	0.00	26.94	-1.30	1300	--	ND	2	3.6	2.1	--	--	
11/01/92	54.12	27.62	0.00	26.50	-0.44	1700	--	ND	3.5	3.4	3.8	--	--	
03/01/93	54.12	23.00	0.00	31.12	4.62	3600	--	24	9.3	8.8	14	--	--	
06/24/93	54.12	23.71	0.00	30.41	-0.71	ND	--	ND	ND	ND	ND	--	--	
09/01/93	54.12	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.12	25.18	0.00	28.94	--	740	--	6.8	5.3	3.2	8.7	--	--	
03/14/94	54.12	23.86	0.00	30.26	1.32	--	--	--	--	--	--	--	--	Sampled semi-annually
06/13/94	54.12	24.29	0.00	29.83	-0.43	820	--	1.7	4.9	3.5	8	--	--	
09/08/94	54.12	25.24	0.00	28.88	-0.95	--	--	--	--	--	--	--	--	
12/06/94	54.12	24.88	0.00	29.24	0.36	120	--	3.8	ND	ND	ND	--	--	
03/15/95	54.12	21.38	0.00	32.74	3.50	--	--	--	--	--	--	--	--	
06/22/95	54.12	21.28	0.00	32.84	0.10	54	--	1.6	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-13	continued													
09/26/95	54.12	22.62	0.00	31.50	-1.34	--	--	--	--	--	--	--	--	
12/27/95	54.12	22.65	0.00	31.47	-0.03	1200	--	160	ND	79	11	--	--	
03/25/96	54.12	18.21	0.00	35.91	--	--	--	--	--	--	--	--	--	
07/25/96	54.12	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/28/96	54.12	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
01/29/97	54.12	17.86	0.00	36.26	--	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	54.12	20.01	0.00	34.11	-2.15	--	--	--	--	--	--	--	--	Sampled semi-annually
07/29/97	54.12	21.59	0.00	32.53	-1.58	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	54.12	18.74	0.00	35.38	2.85	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	54.12	16.90	0.00	37.22	1.84	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	54.12	19.67	0.00	34.45	-2.77	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	54.12	20.01	0.00	34.11	-0.34	ND	--	ND	ND	ND	ND	ND	--	
01/11/00	54.12	22.23	0.00	31.89	-2.22	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	54.12	20.25	0.00	33.87	1.98	ND	--	ND	ND	ND	ND	ND	--	
01/24/01	54.12	19.97	0.00	34.15	0.28	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	54.12	22.18	0.00	31.94	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	54.12	20.51	0.00	33.61	1.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	54.12	22.12	0.00	32.00	-1.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
02/01/03	54.12	20.37	0.00	33.75	1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
07/15/03	54.12	21.01	0.00	33.11	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
02/04/04	54.12	20.89	0.00	33.23	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/27/04	54.12	21.82	0.00	32.30	-0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-14	**(Screen Interval in feet: DNA)**													
02/01/90	54.34	26.76	0.00	27.58	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-14 continued														
03/01/90	54.34	26.50	0.00	27.84	0.26	--	--	--	--	--	--	--	--	
07/01/90	54.34	27.06	0.00	27.28	-0.56	ND	--	ND	ND	ND	ND	--	--	
11/01/90	54.34	27.76	0.00	26.58	-0.70	ND	--	ND	ND	ND	ND	--	--	
02/01/91	54.34	27.88	0.00	26.46	-0.12	ND	--	ND	ND	ND	ND	--	--	
05/01/91	54.34	26.23	0.00	28.11	1.65	ND	--	ND	ND	ND	ND	--	--	
08/01/91	54.34	27.23	0.00	27.11	-1.00	ND	--	ND	ND	ND	ND	--	--	
11/01/91	54.34	27.98	0.00	26.36	-0.75	ND	--	ND	ND	ND	ND	--	--	
02/01/92	54.34	27.43	0.00	26.91	0.55	ND	--	ND	ND	ND	ND	--	--	
05/01/92	54.34	25.85	0.00	28.49	1.58	--	--	--	--	--	--	--	--	
09/01/92	54.34	26.98	0.00	27.36	-1.13	ND	--	ND	ND	ND	ND	--	--	
11/01/92	54.34	27.42	0.00	26.92	-0.44	--	--	--	--	--	--	--	--	
03/01/93	54.34	23.16	0.00	31.18	4.26	--	--	--	--	--	--	--	--	
06/24/93	54.34	23.46	0.00	30.88	-0.30	ND	--	ND	ND	ND	ND	--	--	
09/01/93	54.34	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.34	24.59	0.00	29.75	--	ND	--	0.55	0.73	1.2	4.2	--	--	
03/14/94	54.34	23.93	0.00	30.41	0.66	--	--	--	--	--	--	--	--	Sampled semi-annually
06/13/94	54.34	24.15	0.00	30.19	-0.22	ND	--	0.82	4.3	1.9	12	--	--	
09/08/94	54.34	25.05	0.00	29.29	-0.90	--	--	--	--	--	--	--	--	
12/06/94	54.34	24.87	0.00	29.47	0.18	ND	--	ND	ND	ND	ND	--	--	
03/15/95	54.34	21.54	0.00	32.80	3.33	--	--	--	--	--	--	--	--	
06/22/95	54.34	20.95	0.00	33.39	0.59	ND	--	ND	ND	ND	ND	--	--	
09/26/95	54.34	22.28	0.00	32.06	-1.33	--	--	--	--	--	--	--	--	
12/27/95	54.34	22.63	0.00	31.71	-0.35	ND	--	ND	ND	ND	ND	--	--	
03/25/96	54.34	18.26	0.00	36.08	--	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1988 Through July 2004
76 Station 3791

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-14 continued														
07/25/96	54.34	20.17	0.00	34.17	-1.91	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	54.34	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-15	**(Screen Interval in feet: DNA)**													
02/01/90	55.64	28.01	0.00	27.63	--	ND	--	ND	ND	ND	ND	--	--	
03/01/90	55.64	27.75	0.00	27.89	0.26	--	--	--	--	--	--	--	--	
07/01/90	55.64	28.33	0.00	27.31	-0.58	ND	--	ND	ND	ND	ND	--	--	
11/01/90	55.64	29.05	0.00	26.59	-0.72	ND	--	ND	ND	ND	ND	--	--	
02/01/91	55.64	29.14	0.00	26.50	-0.09	ND	--	ND	ND	ND	ND	--	--	
05/01/91	55.64	27.43	0.00	28.21	1.71	ND	--	ND	ND	ND	ND	--	--	
08/01/91	55.64	28.50	0.00	27.14	-1.07	ND	--	ND	ND	ND	ND	--	--	
11/01/91	55.64	29.26	0.00	26.38	-0.76	ND	--	ND	ND	ND	ND	--	--	
02/01/92	55.64	28.74	0.00	26.90	0.52	--	--	--	--	--	--	--	--	
05/01/92	55.64	27.07	0.00	28.57	1.67	ND	--	ND	ND	ND	ND	--	--	
09/01/92	55.64	28.27	0.00	27.37	-1.20	ND	--	ND	ND	ND	ND	--	--	
11/01/92	55.64	28.72	0.00	26.92	-0.45	--	--	--	--	--	--	--	--	
03/01/93	55.64	24.38	0.00	31.26	4.34	--	--	--	--	--	--	--	--	
06/24/93	55.64	24.73	0.00	30.91	-0.35	ND	--	ND	ND	ND	ND	--	--	
09/01/93	55.64	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	55.64	26.28	0.00	29.36	--	ND	--	ND	0.86	0.92	3.5	--	--	
03/14/94	55.64	25.19	0.00	30.45	1.09	ND	--	0.73	1.9	ND	3.3	--	--	
06/13/94	55.64	25.40	0.00	30.24	-0.21	ND	--	ND	0.75	ND	0.96	--	--	
09/08/94	55.64	26.37	0.00	29.27	-0.97	ND	--	ND	ND	ND	ND	--	--	
12/06/94	55.64	26.12	0.00	29.52	0.25	ND	--	ND	ND	ND	ND	--	--	
03/15/95	55.64	22.76	0.00	32.88	3.36	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-15 continued														
06/22/95	55.64	22.25	0.00	33.39	0.51	ND	--	ND	ND	ND	ND	--	--	
09/26/95	55.64	23.57	0.00	32.07	-1.32	--	--	--	--	--	--	--	--	
12/27/95	55.64	23.88	0.00	31.76	-0.31	ND	--	ND	ND	ND	ND	--	--	
03/25/96	55.64	19.46	0.00	36.18	--	--	--	--	--	--	--	--	--	
07/25/96	55.64	21.49	0.00	34.15	-2.03	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	55.64	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-16	**(Screen Interval in feet: 20-40)**													
11/01/92	54.24	27.34	0.00	26.90	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	54.24	23.16	0.00	31.08	4.18	ND	--	ND	ND	ND	ND	--	--	
06/24/93	54.24	23.41	0.00	30.83	-0.25	ND	--	ND	ND	ND	ND	--	--	
09/01/93	54.24	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	54.24	24.94	0.00	29.30	--	ND	--	0.58	0.74	1.5	4.8	--	--	
03/14/94	54.24	23.90	0.00	30.34	1.04	ND	--	0.77	1.9	ND	3.8	--	--	
06/13/94	54.24	24.12	0.00	30.12	-0.22	ND	--	ND	2.3	0.89	5.9	--	--	
09/08/94	54.24	25.00	0.00	29.24	-0.88	ND	--	ND	ND	ND	ND	--	--	
12/06/94	54.24	24.85	0.00	29.39	0.15	ND	--	ND	ND	ND	ND	--	--	
03/15/95	54.24	21.84	0.00	32.40	3.01	--	--	--	--	--	--	--	--	Sampled semi-annually
06/22/95	54.24	20.91	0.00	33.33	0.93	ND	--	ND	ND	ND	ND	--	--	
09/26/95	54.24	22.24	0.00	32.00	-1.33	72	--	ND	ND	ND	ND	--	--	
12/28/95	54.24	22.67	0.00	31.57	--	ND	--	ND	ND	ND	ND	--	--	
03/25/96	54.24	18.26	0.00	35.98	4.41	--	--	--	--	--	--	--	--	
07/25/96	54.24	20.14	0.00	34.10	-1.88	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	54.24	21.73	0.00	32.51	-1.59	--	--	--	--	--	--	--	--	
01/29/97	54.24	18.00	0.00	36.24	3.73	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-16 continued														
04/28/97	54.24	19.52	0.00	34.72	-1.52	--	--	--	--	--	--	--	--	
07/29/97	54.24	21.11	0.00	33.13	-1.59	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	54.24	18.84	0.00	35.40	2.27	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	54.24	16.49	0.00	37.75	2.35	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	54.24	19.43	0.00	34.81	-2.94	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	54.24	19.52	0.00	34.72	-0.09	ND	--	ND	ND	ND	ND	ND	--	
01/11/00	54.24	21.85	0.00	32.39	-2.33	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	54.24	19.80	0.00	34.44	2.05	ND	--	ND	ND	ND	ND	ND	--	
01/24/01	54.24	19.75	0.00	34.49	0.05	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	54.24	21.77	0.00	32.47	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	54.24	20.53	0.00	33.71	1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	54.24	21.71	0.00	32.53	-1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/01/03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not monitoried/sampled
MW-17	**(Screen Interval in feet: 20-40)**													
11/01/92	52.52	27.73	0.00	24.79	--	730	--	ND	ND	ND	1.4	--	--	
03/01/93	52.52	21.52	0.00	31.00	6.21	810	--	14	ND	ND	ND	--	--	
06/24/93	52.52	21.83	0.00	30.69	-0.31	ND	--	ND	ND	ND	ND	--	--	
09/01/93	52.52	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	52.52	23.32	0.00	29.20	--	180	--	0.95	1.1	2.1	4.9	--	--	
03/14/94	52.52	22.26	0.00	30.26	1.06	ND	--	0.84	1.6	ND	2.9	--	--	
06/13/94	52.52	22.51	0.00	30.01	-0.25	120	--	ND	2.3	1.1	7.2	--	--	
09/08/94	52.52	23.41	0.00	29.11	-0.90	94	--	ND	0.82	ND	0.94	--	--	
12/06/94	52.52	23.22	0.00	29.30	0.19	54	--	ND	ND	ND	ND	--	--	
03/15/95	52.52	19.87	0.00	32.65	3.35	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-17 continued														
06/22/95	52.52	19.35	0.00	33.17	0.52	ND	--	ND	ND	ND	ND	--	--	
09/26/95	52.52	20.67	0.00	31.85	-1.32	--	--	--	--	--	--	--	--	
12/28/95	52.52	21.07	0.00	31.45	--	ND	--	ND	ND	ND	ND	--	--	
03/25/96	52.52	16.70	0.00	35.82	4.37	ND	--	ND	ND	ND	ND	ND	--	
07/25/96	52.52	18.61	0.00	33.91	-1.91	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	52.52	20.18	0.00	32.34	-1.57	ND	--	ND	ND	ND	ND	ND	--	
01/29/97	52.52	16.35	0.00	36.17	3.83	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	52.52	17.98	0.00	34.54	-1.63	ND	--	ND	ND	ND	ND	ND	--	
07/29/97	52.52	19.57	0.00	32.95	-1.59	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	52.52	17.21	0.00	35.31	2.36	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	52.52	15.01	0.00	37.51	2.20	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	52.52	17.85	0.00	34.67	-2.84	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	52.52	18.00	0.00	34.52	-0.15	ND	--	ND	ND	ND	ND	ND	--	
01/11/00	52.52	20.32	0.00	32.20	-2.32	ND	--	ND	ND	ND	ND	ND	--	
07/25/00	52.52	18.27	0.00	34.25	2.05	ND	--	ND	ND	ND	ND	ND	--	
01/24/01	52.52	18.12	0.00	34.40	0.15	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	52.52	20.23	0.00	32.29	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	52.52	18.91	0.00	33.61	1.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	52.52	20.15	0.00	32.37	-1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
02/01/03	52.52	18.70	0.00	33.82	1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
07/15/03	52.52	19.25	0.00	33.27	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	ND<2.0	
02/04/04	52.52	19.32	0.00	33.20	-0.07	--	100	1.8	ND<0.50	13	12	--	ND<2.0	
07/27/04	52.52	19.94	0.00	32.58	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.8	

MW-18 **(Screen Interval in feet: 20-40)**

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1988 Through July 2004
76 Station 3791

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-18 continued														
11/01/92	53.08	26.50	0.00	26.58	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	53.08	21.97	0.00	31.11	4.53	ND	--	ND	ND	ND	1.8	--	--	
06/25/93	53.08	22.57	0.00	30.51	--	ND	--	ND	ND	ND	ND	--	--	
09/01/93	53.08	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/20/93	53.08	24.16	0.00	28.92	--	ND	--	0.57	1.4	1.7	6.3	--	--	
03/14/94	53.08	22.79	0.00	30.29	1.37	ND	--	0.88	2.1	ND	3.7	--	--	
06/13/94	53.08	23.22	0.00	29.86	-0.43	ND	--	0.59	2.8	1.3	8.5	--	--	
09/08/94	53.08	24.26	0.00	28.82	-1.04	ND	--	ND	1.7	ND	0.95	--	--	
12/06/94	53.08	23.83	0.00	29.25	0.43	ND	--	ND	ND	ND	ND	--	--	
03/15/95	53.08	20.34	0.00	32.74	3.49	ND	--	ND	ND	ND	ND	--	--	
06/22/95	53.08	20.25	0.00	32.83	0.09	ND	--	ND	ND	ND	ND	--	--	
09/26/95	53.08	21.58	0.00	31.50	-1.33	ND	--	ND	ND	ND	ND	--	--	
12/27/95	53.08	21.80	0.00	31.28	-0.22	ND	--	ND	ND	ND	ND	--	--	
03/25/96	53.08	17.20	0.00	35.88	--	ND	--	ND	ND	ND	ND	ND	--	
07/25/96	53.08	19.57	0.00	33.51	-2.37	ND	--	ND	ND	ND	ND	ND	--	
10/28/96	53.08	21.15	0.00	31.93	-1.58	ND	--	ND	ND	ND	ND	ND	--	
01/29/97	53.08	16.86	0.00	36.22	4.29	ND	--	ND	ND	ND	ND	ND	--	
04/28/97	53.08	18.99	0.00	34.09	-2.13	ND	--	ND	ND	ND	ND	ND	--	
07/29/97	53.08	20.59	0.00	32.49	-1.60	ND	--	ND	ND	ND	ND	ND	--	
01/27/98	53.08	17.68	0.00	35.40	2.91	ND	--	ND	ND	ND	ND	ND	--	
07/13/98	53.08	15.91	0.00	37.17	1.77	ND	--	ND	ND	ND	ND	ND	--	
01/20/99	53.08	18.86	0.00	34.22	-2.95	ND	--	ND	ND	ND	ND	ND	--	
07/12/99	53.08	19.00	0.00	34.08	-0.14	ND	--	ND	ND	ND	ND	ND	--	
01/11/00	53.08	21.21	0.00	31.87	-2.21	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 1988 Through July 2004

76 Station 3791

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-18 continued														
07/25/00	53.08	19.26	0.00	33.82	1.95	ND	--	ND	ND	ND	ND	ND	--	
01/24/01	53.08	18.95	0.00	34.13	0.31	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	53.08	21.18	0.00	31.90	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	53.08	19.46	0.00	33.62	1.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/31/02	53.08	21.04	0.00	32.04	-1.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/01/03	--	--	--	--	--	--	--	--	--	--	--	--	--	Not monitored/sampled

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-7															
09/26/95	--	--	--	--	7.5	44	--	--	--	--	--	ND	--	ND	--
07/31/02	--	--	2.4	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	2.78	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	4.16	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--	--
MW-8															
11/01/89	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/90	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/92	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/92	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	460	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/95	--	--	--	--	25	54	--	--	--	--	--	0.72	--	ND	--
MW-9															
11/01/89	3000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/90	2700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	2500	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-9 continued															
02/01/92	5500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/92	5100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	2500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/92	2800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	3400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	1500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	570	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	610	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	690	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	710	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	460	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/95	--	--	--	--	1.5	77	--	--	--	--	--	ND	--	ND	--
01/14/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/31/02	--	--	1.9	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	2.31	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	3.94	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--	--
MW-10															
11/01/89	54000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/90	13000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	17000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/90	9200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	22000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	98000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	24000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-10	continued														
09/08/94	26000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	67000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/95	--	--	--	--	ND	0.47	--	--	--	--	--	ND	--	0.2	--
01/24/01	--	ND	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	ND
07/31/02	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	1.73	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	1.92	--	--	--	--	--	--	--	ND<100,000	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<130000	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--	--
MW-11															
11/01/89	8000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/90	6600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/91	4800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/91	6200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/91	3600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	4200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/92	6500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	3200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	1200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	860	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	570	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/29/97	--	--	8.86	3.01	--	--	--	--	--	--	--	--	--	--	--
01/27/98	--	--	5.84	--	--	--	--	--	--	--	--	--	--	--	--
07/31/02	--	--	2.6	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-11	continued														
02/01/03	--	--	3.05	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	4.83	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--	--
MW-12															
02/01/90	9500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	3400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/90	1700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/91	1600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/91	3100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/91	3000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	3200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/92	7900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/92	4200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	3600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/92	4900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	31000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	20000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	3400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	23000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	5600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	6100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	17000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/95	--	--	--	--	0.2	3.2	--	--	--	--	--	ND	--	ND	--
01/29/97	--	--	--	4.58	--	--	--	--	--	--	--	--	--	--	--
07/29/97	--	--	10.39	5.51	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-12 continued															
01/27/98	--	--	5.9	--	--	--	--	--	--	--	--	--	--	--	--
07/31/02	--	--	2.2	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	2.59	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	3.76	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--	--
MW-13															
02/01/90	1200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	1900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/91	940	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/91	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/91	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	1600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/92	3200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/92	14000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	1300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/92	1700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	3600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	740	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	820	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/29/97	--	--	10.8	3.47	--	--	--	--	--	--	--	--	--	--	--
01/27/98	--	--	9.21	--	--	--	--	--	--	--	--	--	--	--	--
07/31/02	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	2.61	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-13	continued														
07/15/03	--	--	4.04	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--	--
MW-14															
02/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15															
02/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/90	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--

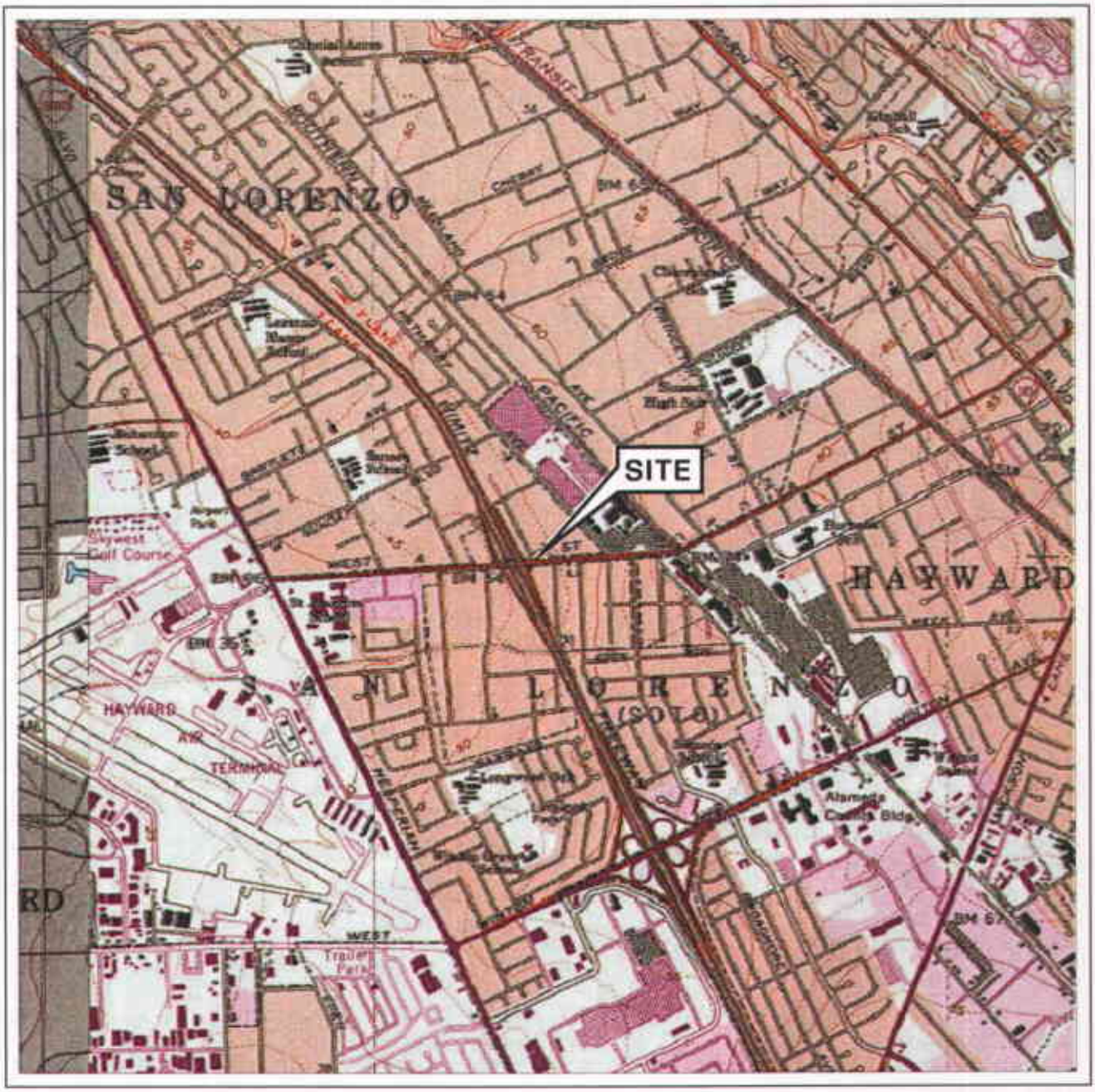
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-15	continued														
09/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16															
11/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/31/02	--	--	2.5	--	--	--	--	--	--	--	--	--	--	--	--
MW-17															
11/01/92	730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	810	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	54	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 3791

Date Sampled	TPH-D	EDB	Pre-Purge DO	Post Purge DO	NO3	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	ortho-Phosphate	Ethanol 8260B	Ammonia-as Nitrogen	1,2 DCE
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)
MW-17	continued														
09/26/95	--	--	--	--	12	110	--	--	--	--	--	ND	--	ND	--
07/31/02	--	--	2.6	--	--	--	--	--	--	--	--	--	--	--	--
02/01/03	--	--	2.84	--	--	--	--	--	--	--	--	--	--	--	--
07/15/03	--	--	6.09	--	--	--	--	--	--	--	ND<500	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--	--
07/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--	--
MW-18															
11/01/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/25/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/13/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/95	--	--	--	--	89	67	--	--	--	--	--	0.54	--	ND	--
07/31/02	--	--	3.9	--	--	--	--	--	--	--	--	--	--	--	--

FIGURES



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

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward Quadrangle

VICINITY MAP

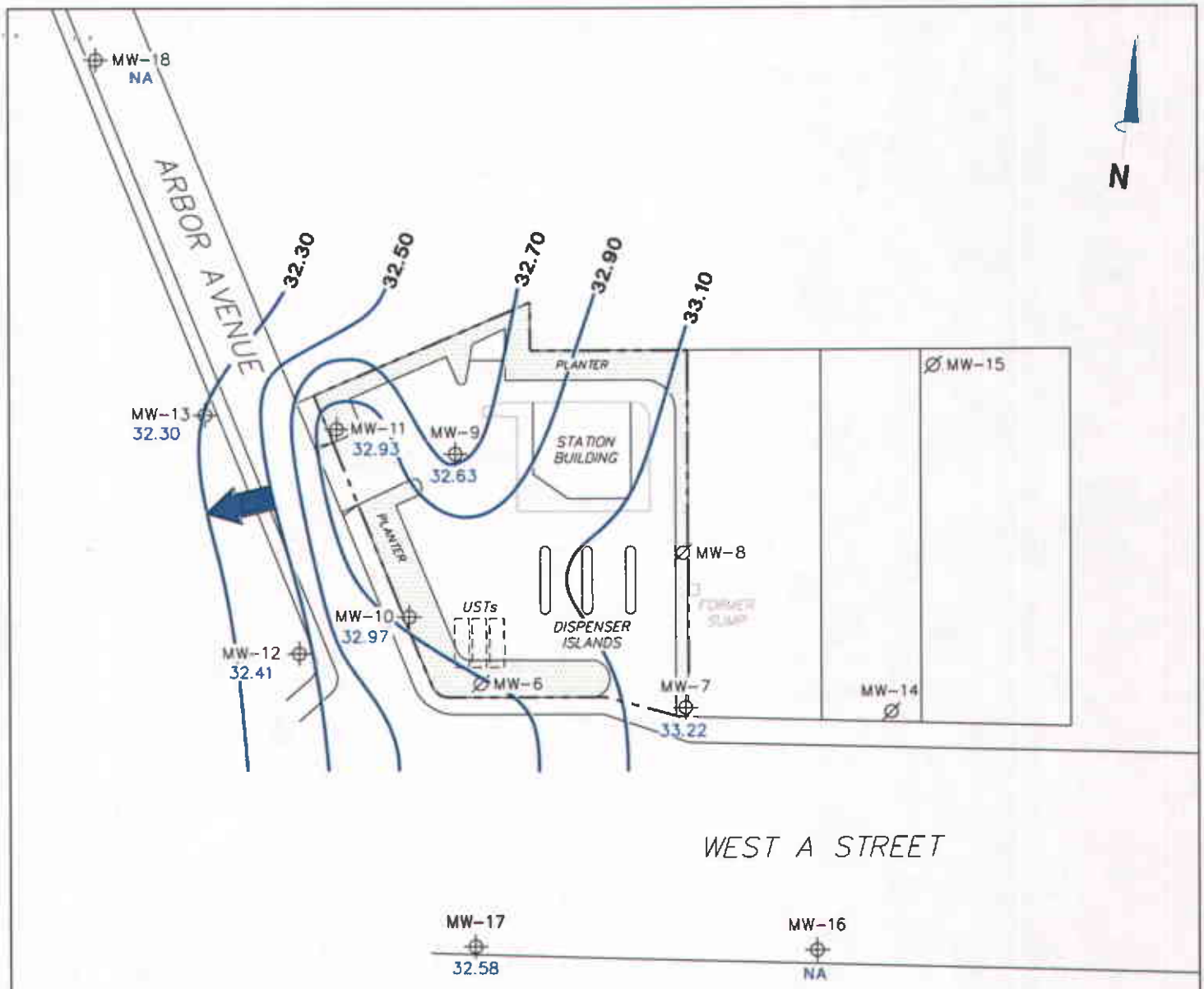
76 Station 3791
391 West A Street
Hayward, California

FIGURE 1

TRC

PS = 1:1

Graphics on Irvine-fs1(L:)\VICINITY MAPS\3791vm.dwg 4/21/04 jw



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. NA = not analyzed, measured, or collected.

LEGEND

- MW-18 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-15 Ø Destroyed Well
- 33.10 —— Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
July 27, 2004

76 Station 3791
391 West A Street
Hayward, California

TRC

SCALE (FEET)
0 80

FIGURE 2

PS=1:1

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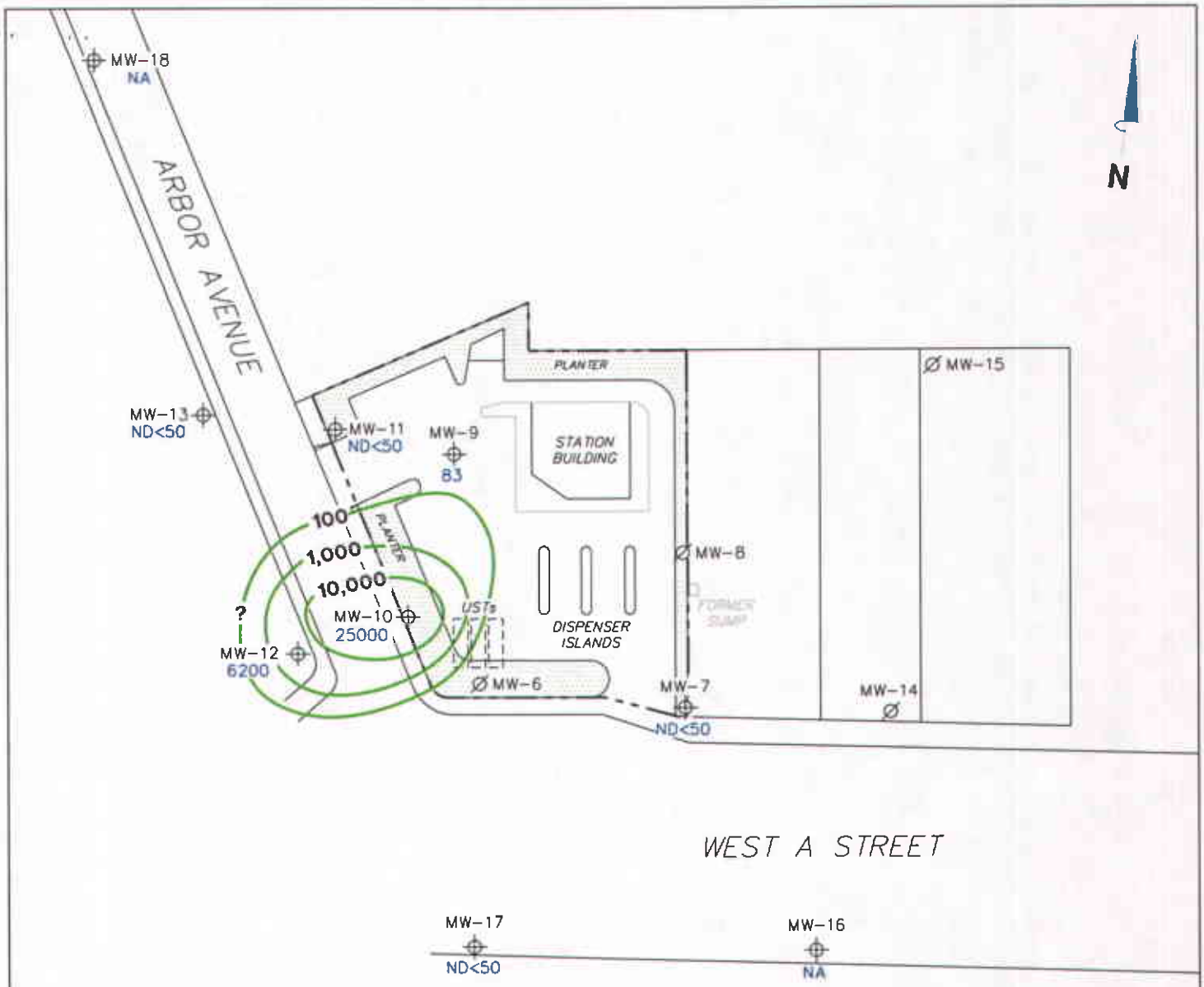


NOTES:

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

LEGEND

- MW-18 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)
- MW-15 Ø Destroyed Well
- 10,000 Dissolved-Phase TPPH Contour (µg/l)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
July 27, 2004

76 Station 3791
391 West A Street
Hayward, California

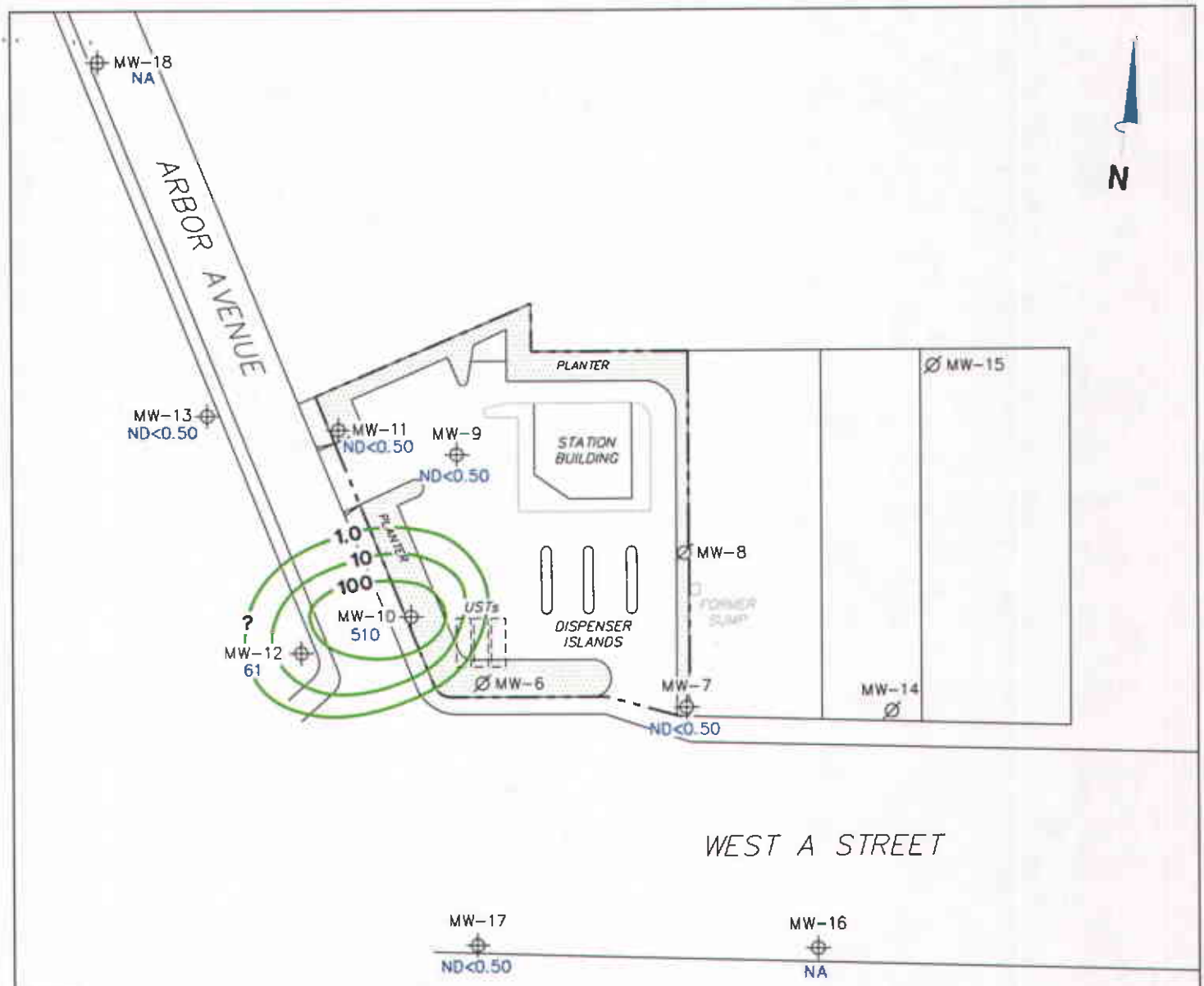
TRC

SCALE (FEET)
0 80

PS=1:1

FIGURE 3

Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-3000\3791+\3791-QMS.dwg 8/25/04 bbs



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. NA = not analyzed, measured, or collected.

LEGEND

- MW-18 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- MW-15 Ø Destroyed Well
- 100 Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
July 27, 2004

76 Station 3791
391 West A Street
Hayward, California

TRC

SCALE (FEET)
0 80

FIGURE 4

PS=1:1

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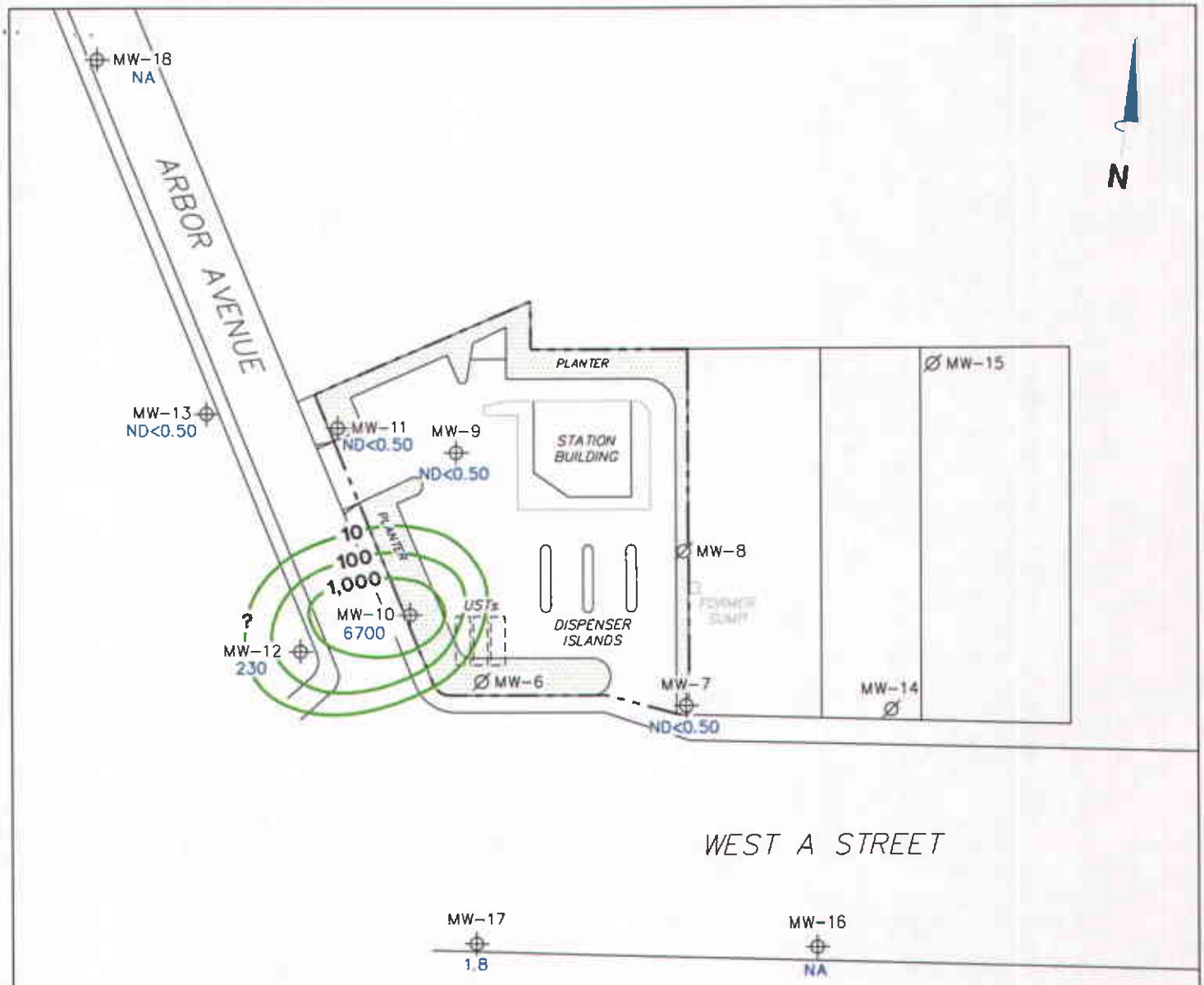


NOTES:

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

LEGEND

MW-18 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-15 Ø Destroyed Well

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
July 27, 2004

76 Station 3791
391 West A Street
Hayward, California

TRC

SCALE (FEET)
0 80

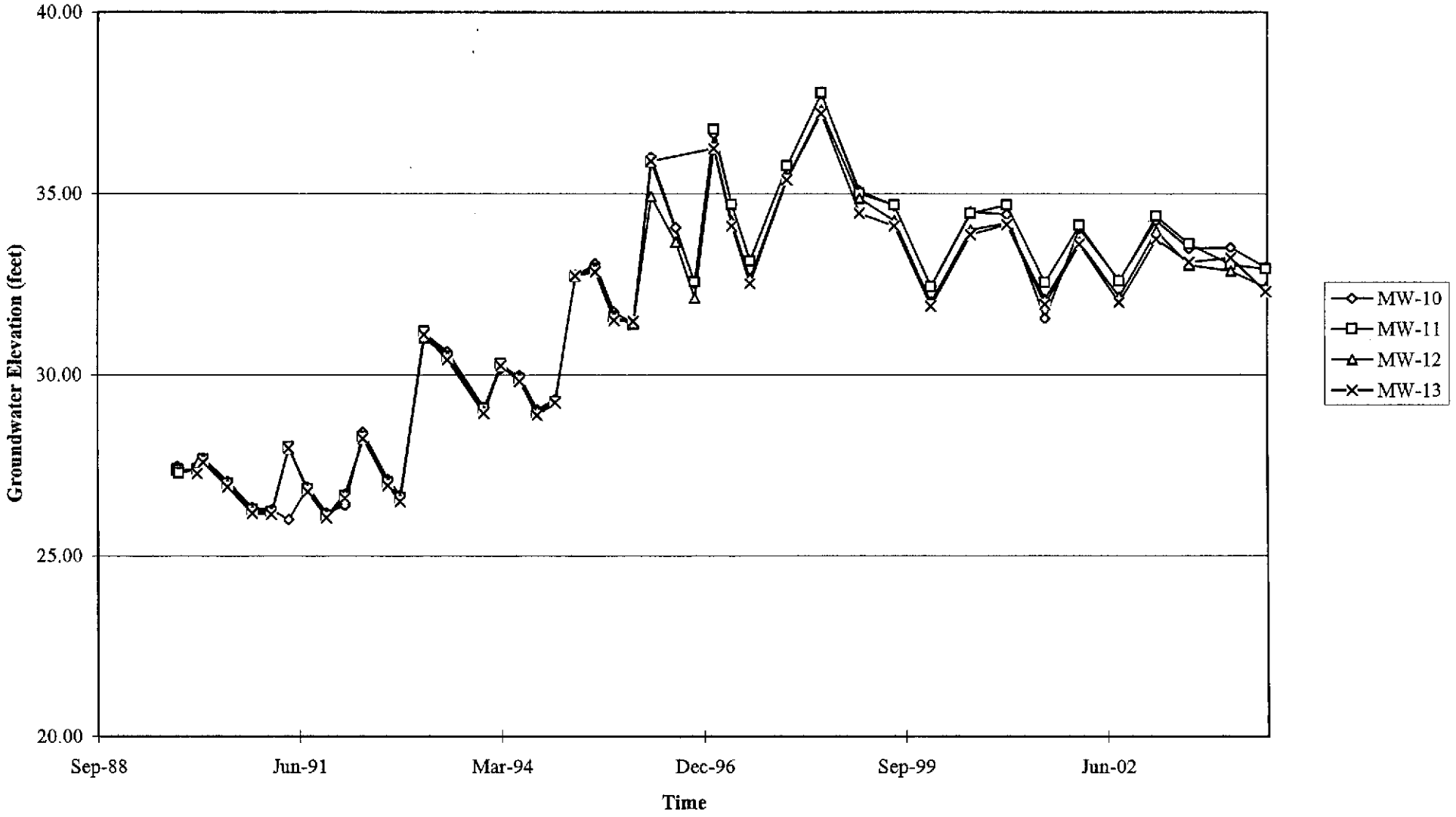
FIGURE 5

PS=1:1

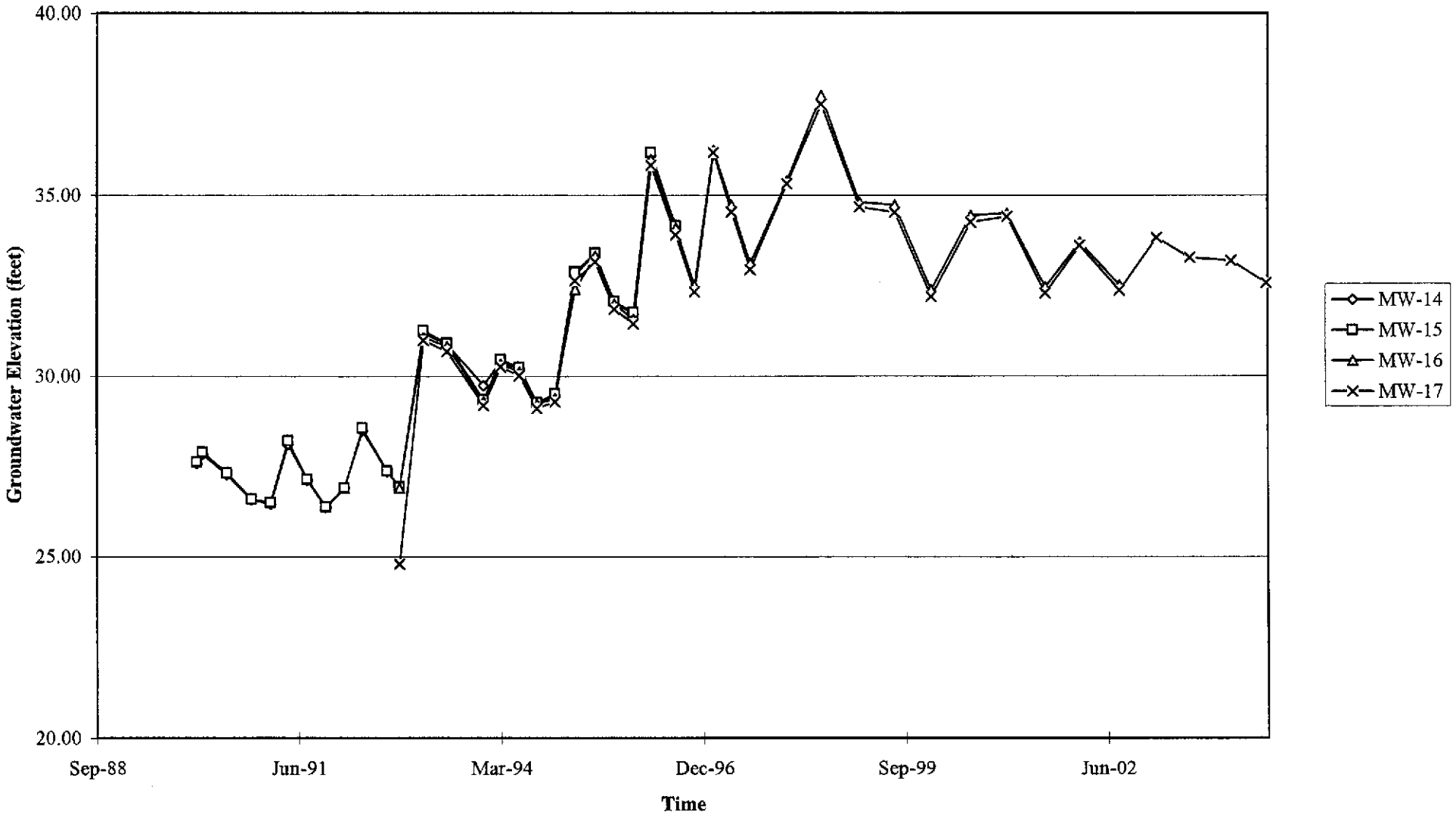
Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By..\20-xxxx\20-0400\x-3000\3791+\3791-QMS.dwg 8/25/04 bbs

GRAPHS

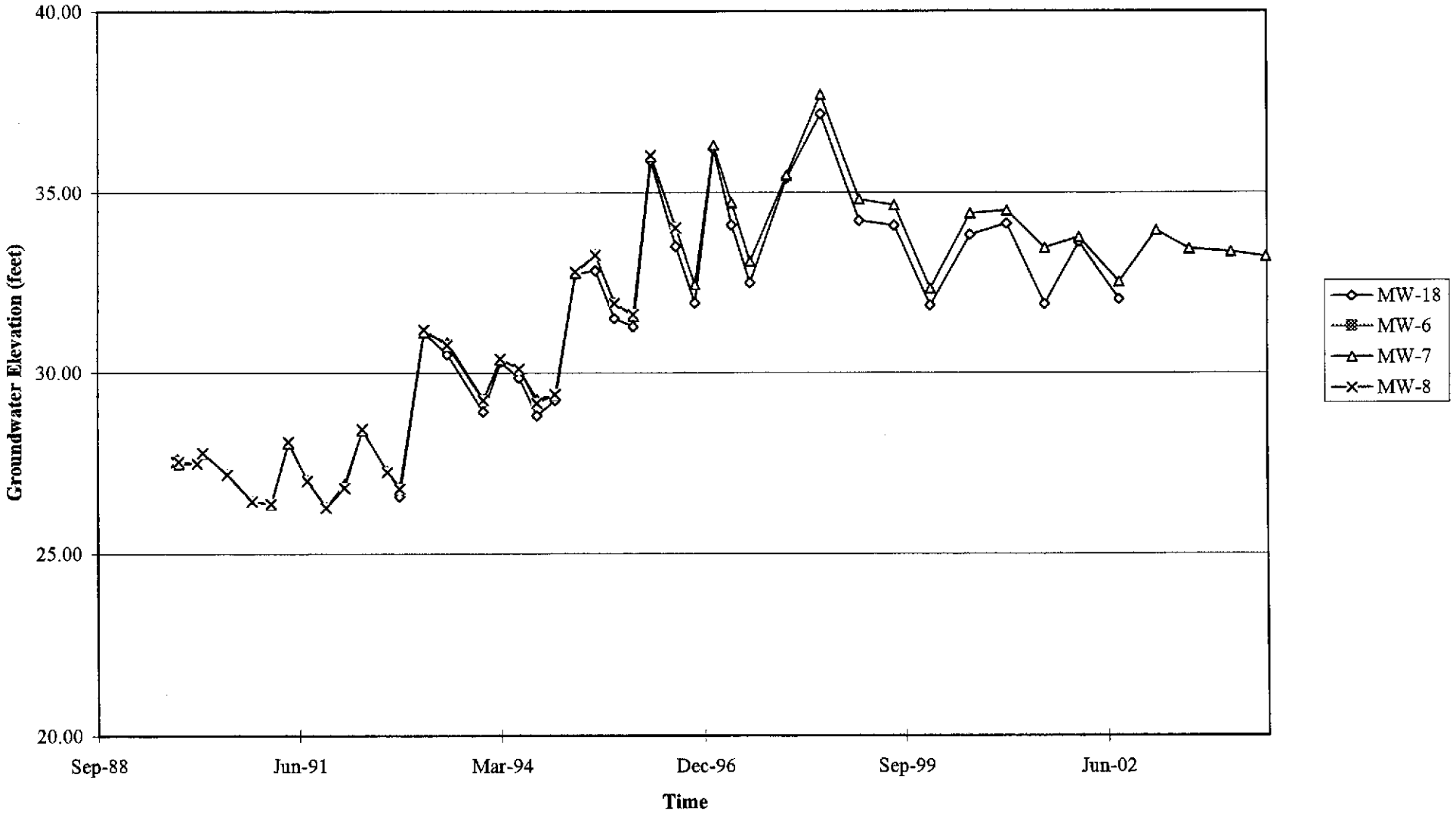
Groundwater Elevations vs. Time
76 Station 3791



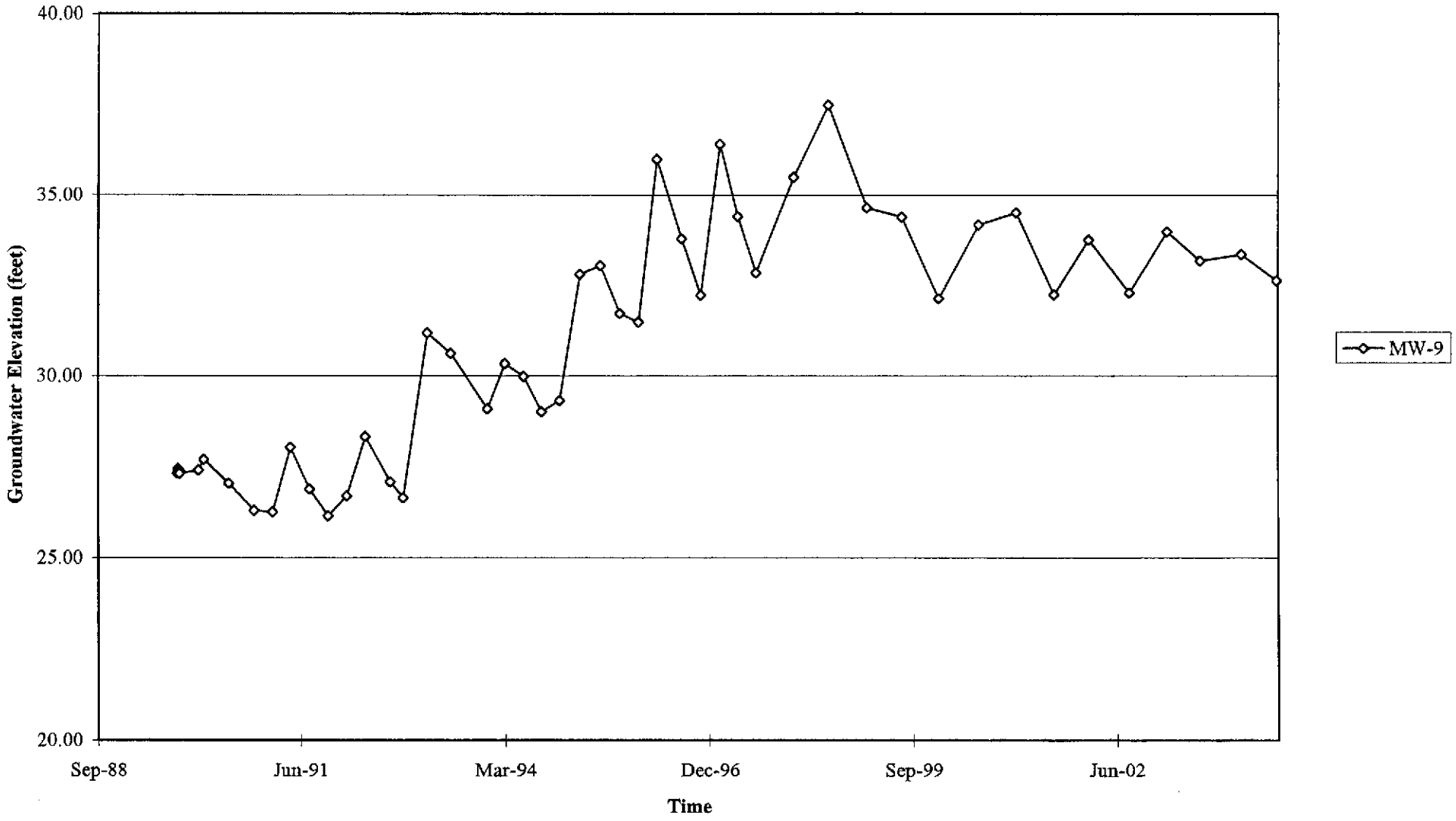
Groundwater Elevations vs. Time
76 Station 3791



Groundwater Elevations vs. Time
76 Station 3791

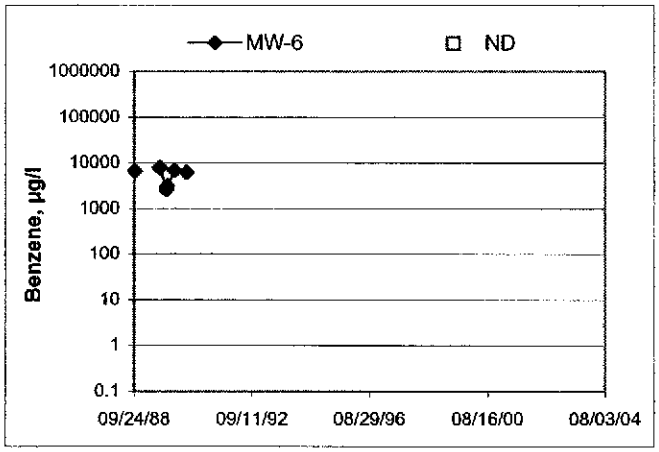


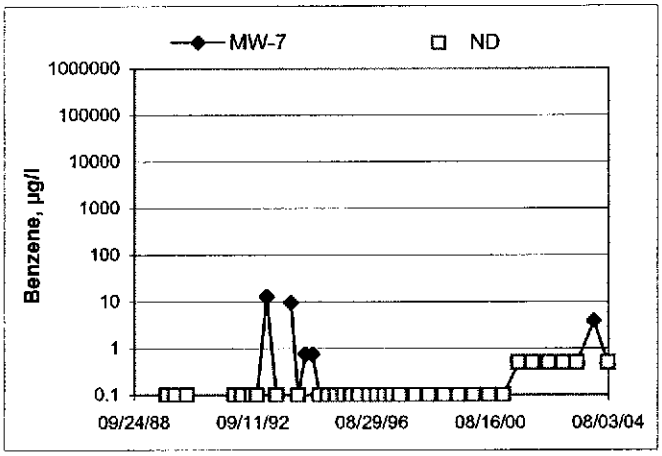
Groundwater Elevations vs. Time
76 Station 3791

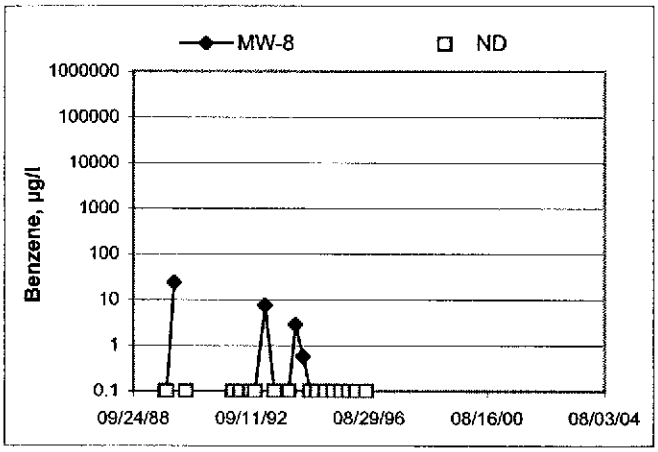


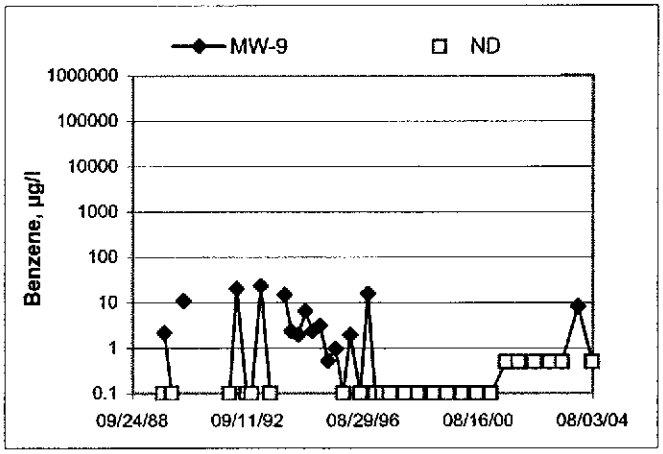
Benzene Concentrations vs Time

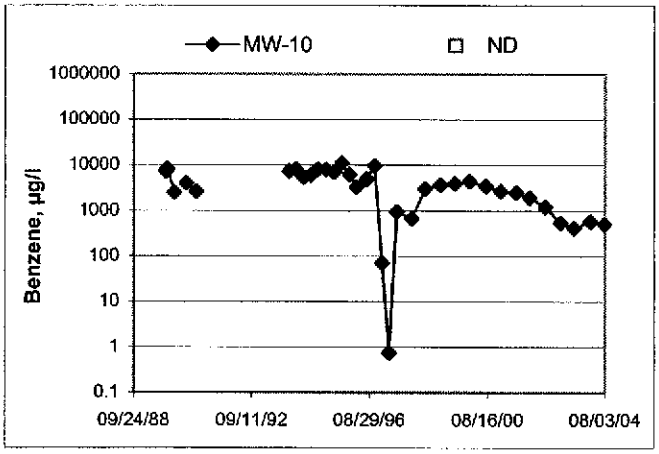
76 Station 3791

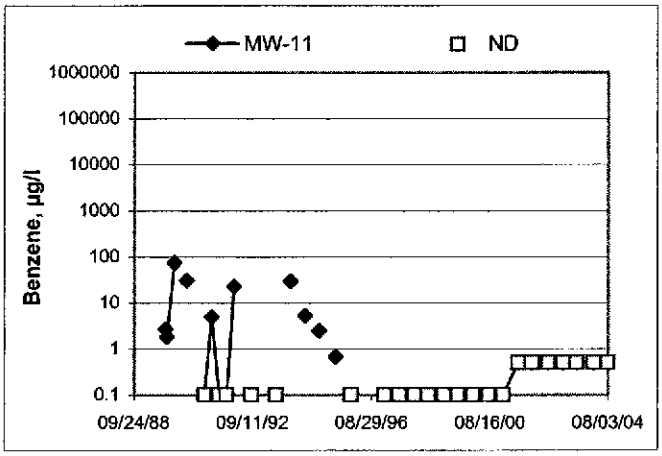


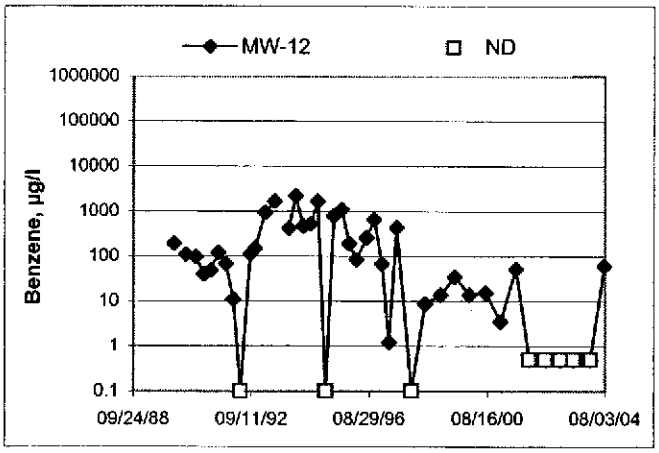


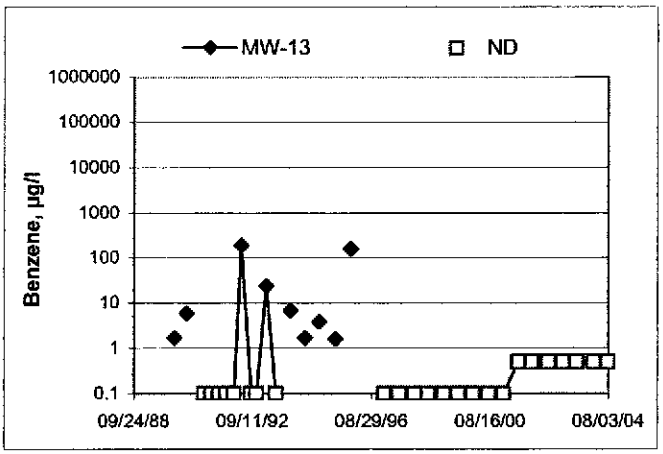




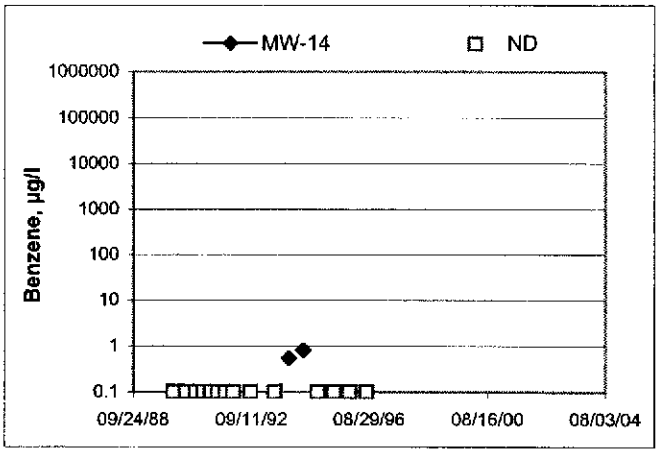


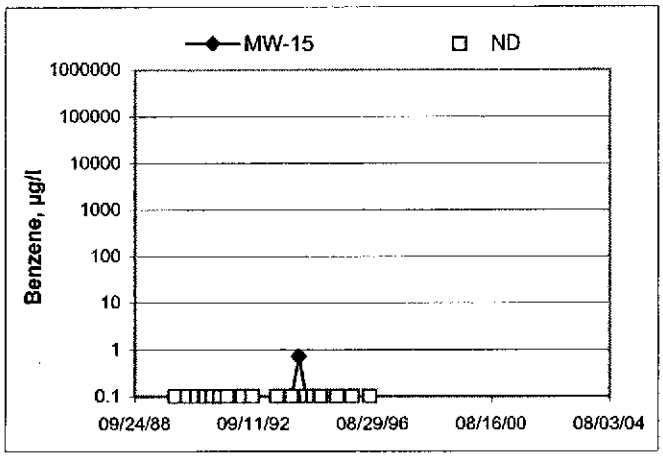


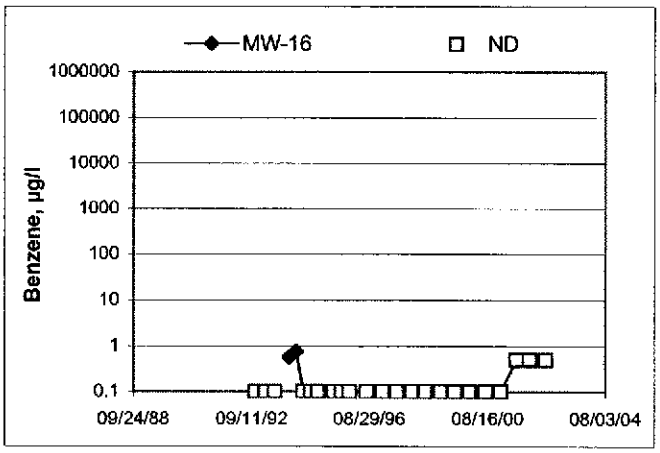


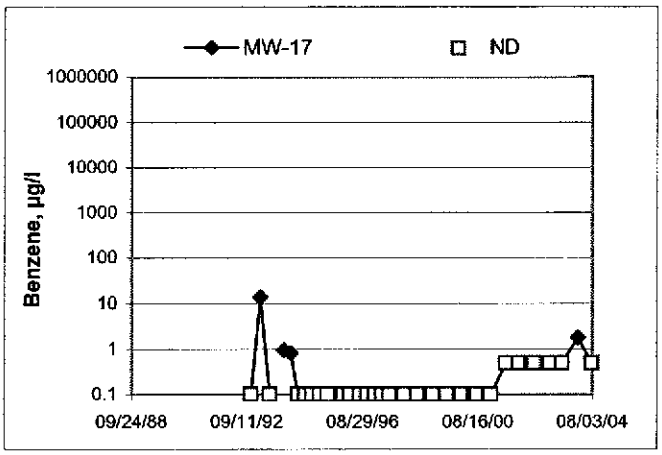


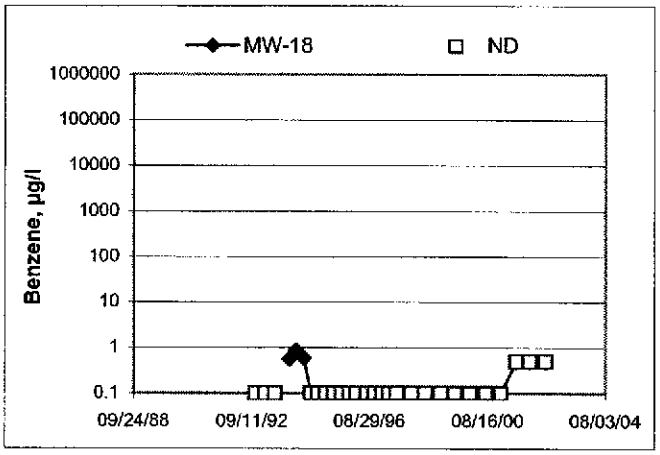
Benzene Concentrations vs Time
76 Station 3791











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: David Tenney Job #/Task #: 410500-01FA20 Date: 7-27-04

Site # 3791 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-7	X	0701	39.84	21.39	~~0~~	~~0~~	1108	4"
MW-9	X	0712	40.34	22.11	~~0~~	~~0~~	1319	4"
MW-10	X	0728	38.76	20.90	~~0~~	~~0~~	1357	4"
MW-11	X	0740	39.96	21.95	~~0~~	~~0~~	1245	4"
MW-12	X	0817	39.84	21.11	~~0~~	~~0~~	1152	4"
MW-13	X	0834	38.00	21.92	~~0~~	~~0~~	1218	4"
MW-17	X	1002	38.73	19.94	~~0~~	~~0~~	1028	4"

FIELD DATA COMPLETE ✓ QA/QC ✓ COC ✓ WELL BOX CONDITION SHEETS ✓

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 3791 Project No.: 410500-01/FA20 Date: 7-27-04

Well No.: MW-12 Purge Method: Sub0969

Depth to Water (feet): 21.11 Depth to Product (feet): 0

Total Depth (feet): 39.89 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.78 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 24.87 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
1126			12	756w	20.9	6.31		
			24	783	20.8	6.30		
	1138		36	777	21.1	6.27		

Static at Time Sampled	Total Gallons Purged	Time Sampled
21.98	36	1152

Comments:

Well No.: MW-13 Purge Method: Sub 0969

Depth to Water (feet): 21.82 Depth to Product (feet): 0

Total Depth (feet): 38.00 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.18 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 25.06 1 Well Volume (gallons): 11

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
1205			11	450w	20.9	6.54		
			22	476	20.4	6.54		
	1215		33	483	20.6	6.53		

Static at Time Sampled	Total Gallons Purged	Time Sampled
22.05	33	1218

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 3791 Project No.: 410500-01/FA20 Date: 7-27-04

Well No.: MW-17 Purge Method: Sub 0969

Depth to Water (feet): 19.94 Depth to Product (feet): 0

Total Depth (feet): 38.73 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.79 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 23.70 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
1013			12	797w	20.3	6.42		
			24	741	20.0	6.53		
	1025		36	714	20.2	6.51		

Static at Time Sampled	Total Gallons Purged	Time Sampled
20.90	36	1028

Comments:

Well No.: MW-7 Purge Method: Sub 0969

Depth to Water (feet): 21.39 Depth to Product (feet): 0

Total Depth (feet): 39.84 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.45 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 29.08 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
1052			12	274w	20.3	6.30		
			24	282	20.0	6.28		
	1105		36	281	20.2	6.17		

Static at Time Sampled	Total Gallons Purged	Time Sampled
22.09	36	1108

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 3791 Project No.: 410500-01/FA20 Date: 7-27-04

Well No.: MW-11 Purge Method: ~~SPT~~ Diaphragm 0969

Depth to Water (feet): 21.95 Depth to Product (feet): 0

Total Depth (feet): 25.96 LPH & Water Recovered (gallons): 0

Water Column (feet): 4.01 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 22.75 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
1233			3	195.4 w	21.4	6.43		
			6	314	20.4	6.45		
	1240		9	345	20.4	6.42		

Static at Time Sampled	Total Gallons Purged	Time Sampled
22.45	9	1245

Comments:

Well No.: MW-9 Purge Method: ~~Dip~~ Sub 0969

Depth to Water (feet): 22.11 Depth to Product (feet): 0

Total Depth (feet): 40.34 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.23 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 25.76 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
1303			12	505 w	21.6	6.37		
			24	509	21.1	6.57		
	1315		36	503	21.9	6.47		

Static at Time Sampled	Total Gallons Purged	Time Sampled
22.26	36	1319

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 3791 Project No.: 410900-01/FA20 Date: 7-27-04

Well No.: MW-10 Purge Method: SUB 0969

Depth to Water (feet): 20.90 Depth to Product (feet): 0

Total Depth (feet): 38.76 LPH & Water Recovered (gallons): 0

Water Column (feet): 17.86 Casing Diameter (Inches): 4

80% Recharge Depth (feet): 24.47 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
1334			12	514	21.6	6.55		
			24	493	20.7	6.64		
	1345		36	458	21.4	6.53		

Static at Time Sampled		Total Gallons Purged	Time Sampled
21.25		36	1351

Comments:

Well No.: _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet): _____ LPH & Water Recovered (gallons): _____

Water Column (feet): _____ Casing Diameter (Inches): _____

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.

Static at Time Sampled		Total Gallons Purged	Time Sampled

Comments:

SEVERN TRENT STL

Submission#: 2004-07-0838

TRC Alton Geoscience- Irvine

August 11, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips # 3791
Site: 391 West A Street Hayward

Attached is our report for your samples received on 07/28/2004 10:12
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 09/11/2004 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: 2004-07-0838

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-7	07/27/2004 11:08	Water	1
MW-9	07/27/2004 13:19	Water	2
MW-10	07/27/2004 13:57	Water	3
MW-11	07/27/2004 12:45	Water	4
MW-12	07/27/2004 11:52	Water	5
MW-13	07/27/2004 12:18	Water	6
MW-17	07/27/2004 10:28	Water	7

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-7**
Sampled: 07/27/2004 11:08
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 1
Extracted: 8/5/2004 11:08
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 11:08	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 11:08	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 11:08	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 11:08	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 11:08	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 11:08	
Ethanol	ND	50	ug/L	1.00	08/05/2004 11:08	
Surrogate(s)						
1,2-Dichloroethane-d4	111.4	72-128	%	1.00	08/05/2004 11:08	
Toluene-d8	104.6	80-113	%	1.00	08/05/2004 11:08	

SEVERN TRENT STL

Submission: 2004-07-0838

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-9**
Sampled: 07/27/2004 13:19
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 2
Extracted: 8/5/2004 11:30
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	83	50	ug/L	1.00	08/05/2004 11:30	g
Benzene	ND	0.50	ug/L	1.00	08/05/2004 11:30	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 11:30	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 11:30	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 11:30	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 11:30	
Ethanol	ND	50	ug/L	1.00	08/05/2004 11:30	
Surrogate(s)						
1,2-Dichloroethane-d4	107.4	72-128	%	1.00	08/05/2004 11:30	
Toluene-d8	101.0	80-113	%	1.00	08/05/2004 11:30	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-10**
Sampled: 07/27/2004 13:57
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 3
Extracted: 8/5/2004 11:52
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	25000	5000	ug/L	100.00	08/05/2004 11:52	
Benzene	510	50	ug/L	100.00	08/05/2004 11:52	
Toluene	ND	50	ug/L	100.00	08/05/2004 11:52	
Ethylbenzene	1800	50	ug/L	100.00	08/05/2004 11:52	
Total xylenes	1200	100	ug/L	100.00	08/05/2004 11:52	
Methyl tert-butyl ether (MTBE)	6700	50	ug/L	100.00	08/05/2004 11:52	
Ethanol	ND	5000	ug/L	100.00	08/05/2004 11:52	
Surrogate(s)						
1,2-Dichloroethane-d4	109.3	72-128	%	100.00	08/05/2004 11:52	
Toluene-d8	97.8	80-113	%	100.00	08/05/2004 11:52	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-11**
Sampled: 07/27/2004 12:45
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 4
Extracted: 8/5/2004 15:10
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 15:10	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 15:10	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 15:10	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 15:10	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 15:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 15:10	
Ethanol	ND	50	ug/L	1.00	08/05/2004 15:10	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	72-128	%	1.00	08/05/2004 15:10	
Toluene-d8	100.6	80-113	%	1.00	08/05/2004 15:10	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-12**
Sampled: 07/27/2004 11:52
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 5
Extracted: 8/5/2004 15:32
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6200	250	ug/L	5.00	08/05/2004 15:32	
Benzene	61	2.5	ug/L	5.00	08/05/2004 15:32	
Toluene	ND	2.5	ug/L	5.00	08/05/2004 15:32	
Ethylbenzene	170	2.5	ug/L	5.00	08/05/2004 15:32	
Total xylenes	42	5.0	ug/L	5.00	08/05/2004 15:32	
Methyl tert-butyl ether (MTBE)	230	2.5	ug/L	5.00	08/05/2004 15:32	
Ethanol	ND	250	ug/L	5.00	08/05/2004 15:32	
Surrogate(s)						
1,2-Dichloroethane-d4	106.0	72-128	%	5.00	08/05/2004 15:32	
Toluene-d8	95.7	80-113	%	5.00	08/05/2004 15:32	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Sample ID: **MW-13**
Sampled: 07/27/2004 12:18
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0838 - 6
Extracted: 8/5/2004 15:55
QC Batch#: 2004/08/05-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 15:55	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 15:55	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 15:55	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 15:55	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 15:55	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 15:55	
Ethanol	ND	50	ug/L	1.00	08/05/2004 15:55	
Surrogate(s)						
1,2-Dichloroethane-d4	108.6	72-128	%	1.00	08/05/2004 15:55	
Toluene-d8	100.6	80-113	%	1.00	08/05/2004 15:55	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **MW-17**
Lab ID: 2004-07-0838 - 7
Sampled: 07/27/2004 10:28
Extracted: 8/5/2004 16:17
Matrix: Water
QC Batch#: 2004/08/05-1C.62
Analysis Flag: ,gs (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 16:17	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 16:17	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 16:17	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 16:17	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 16:17	
Methyl tert-butyl ether (MTBE)	1.8	0.50	ug/L	1.00	08/05/2004 16:17	
Ethanol	ND	50	ug/L	1.00	08/05/2004 16:17	
Surrogate(s)						
1,2-Dichloroethane-d4	113.9	72-128	%	1.00	08/05/2004 16:17	
Toluene-d8	101.1	80-113	%	1.00	08/05/2004 16:17	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Batch QC Report

Prep(s): 5030B — Test(s): 8260FAB

Method Blank — **Water** — **QC Batch # 2004/08/05-1C.62**

MB: 2004/08/05-1C.62-021 — Date Extracted: 08/05/2004 08:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/05/2004 08:21	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/05/2004 08:21	
Benzene	ND	0.5	ug/L	08/05/2004 08:21	
Toluene	ND	0.5	ug/L	08/05/2004 08:21	
Ethylbenzene	ND	0.5	ug/L	08/05/2004 08:21	
Total xylenes	ND	1.0	ug/L	08/05/2004 08:21	
Ethanol	ND	50	ug/L	08/05/2004 08:21	
Surrogates(s)					
1,2-Dichloroethane-d4	108.4	72-128	%	08/05/2004 08:21	
Toluene-d8	99.8	80-113	%	08/05/2004 08:21	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/08/05-1C.62**

LCS 2004/08/05-1C.62-038 Extracted: 08/05/2004 Analyzed: 08/05/2004 07:38
LCSD 2004/08/05-1C.62-016 Extracted: 08/05/2004 Analyzed: 08/05/2004 07:16

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.5	22.6	25	94.0	90.4	3.9	65-165	20		
Benzene	25.1	24.8	25	100.4	99.2	1.2	69-129	20		
Toluene	26.1	27.2	25	104.4	108.8	4.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	484	487	500	96.8	97.4		72-128			
Toluene-d8	485	505	500	97.0	101.0		80-113			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 3791

Received: 07/28/2004 10:12

Site: 391 West A Street Hayward

Legend and Notes

Sample Comment

Lab ID: 2004-07-0838 -7

gs-Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, concentration would be 52 ug/L.

Analysis Flag

o

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

Result Flag

g

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

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 07 - 0838

Checklist completed by: (initials) MV Date: 07 29 /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^{o} C ± 2)?	Temp: 3 °C Yes ✓	No____
	Ice Present Yes ✓	No____
Water - VOA vials have zero headspace?	No VOA vials submitted____ Yes ✓	No____

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

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

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

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

Comments: _____

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

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

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

ConocoPhillips Chain Of Custody Record

88150

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

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

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

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

2004-07-0838

ConocoPhillips Work Order Number: 12057RC500

ConocoPhillips Cost Object:

DATE: 7-27-04

PAGE: 1 of 1

SAMPLING COMPANY:	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER	GLOBAL ID NO.:
TRC		3791	T0600101470

ADDRESS:	SITE ADDRESS (Street and City):	CONOCOPHILLIPS SITE MANAGER:
21 Technology Drive, Irvine CA 92618	391 West A Street Hayward	Thomas H. Kosel

PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan

TELEPHONE:	FAX:	E-MAIL:
949-341-7440	949-753-0111	afarfan@trcsolutions.com

EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com

PHONE NO.: 949-341-7408

E-MAIL:

LAB USE ONLY

SAMPLER NAME(S) (Print): David Tenner

CONSULTANT PROJECT NUMBER: 41050001/FA20

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

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

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	TPPH by 8260B	BTEX/MTBE by 8260B	Ethanol by 8260B	TEMPERATURE ON RECEIPT C°
	MW-7	7-27	1108	G-W	3									X	X	X	3°
	MW-9		1319														3 vogs w/ HCl
	MW-10		1357														
	MW-11		1245														
	MW-12		1152														
	MW-13		1218														
	MW-17		1028														

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

* Field Point name only required if different from Sample ID

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature] 7/28/04	Refrigerator	7-27-04	1552
[signature] 7/28/04 1012			
[signature] 7/28/04 1631	[signature]	7/28/04	1631

9/18/03 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.