ATC ASSOCIATES INC.

6602 Owens Dr. Suite 100
Pleasanton, California 94588
www.atc-enviro.com
925.460.5300
Fax 925.463.2559

April 29, 2005

Mr. Donald Hwang
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: Quarterly Summary Report – First Quarter 2005
76 Service Station No. 7176/WNO 1635
7850 Amador Valley Blvd.
Dublin, CA

Dear Mr. Hwang:

On behalf of ConocoPhillips Company, ATC Associates Inc. is forwarding the quarterly summary report for the above referenced facility.

Sincerely,
ATC ASSOCIATES INC.

David A. Evans
Senior Project Manager

Janine Weber-Band, PhD, CEG #2286
Principal Geologist

REGISTERED GEOLOGIST
Janine Weber Band
No. 2286
CERTIFIED ENGINEERING GEOLOGIST
2-06
STATE of CALIFORNIA

Attachment: Site Plan
Quarterly Monitoring Report, prepared by TRC

Cc: Ms Shelby Lathrop – ConocoPhillips

QUARTERLY SUMMARY REPORT
First Quarter 2005

76 Service Station No. 7176
7850 Amador Valley Road
Dublin, California

City/County ID#: ACHCS #RO0000482
County: Alameda

PREVIOUS ASSESSMENT

November 1994 - Unocal Corporation (Unocal) replaced the fuel underground storage tanks (USTs) and removed the used-oil UST and associated product piping. An oil/water separator was also decommissioned. No holes or signs of leakage were observed in the fuel USTs, however, eight holes up to 0.5 inches in diameter were observed in the used oil UST.

October 1995 - Six soil borings (B1 through B6) and three onsite monitor wells (U1 through U3) were completed.

March 1998 - Tosco Marketing Company (Tosco, now ConocoPhillips) performed an off-site soil and groundwater investigation that included the installation of two offsite groundwater monitoring wells (MW4 and MW5).

June 2001 - The *Addendum to Request and Work Plan for Case Closure* was completed.

November 2004 – Four soil borings (SB-1 through SB-4) were completed. The site data is documented in the December 10, 2004 *Limited Phase II Environmental Site Assessment* report. Based on report findings, residual concentrations of TPHd (7.1 mg/kg) were detected in the vicinity of SB-3. Dissolved hydrocarbon concentrations were detected in each soil boring with the exception of SB-4. Maximum concentrations were detected as follows: TPHd (1,100 ug/l in SB-1), TPHg (9,700 ug/l in SB-3) and MtBE (3.0 ug/l in SB-1). Benzene was not detected above the laboratory detection limit of 2.5 ug/l.

January 2005 – ATC became the new site lead consultant.

SENSITIVE RECEPTORS

August 2000 - A *Request and Work Plan for Case Closure* was submitted that presented results of a groundwater receptor survey, risk-based corrective action Tier II analysis and requested environmental closure. No active groundwater production wells were positively identified within the survey radius during the agency or field groundwater receptor surveys.

GROUNDWATER MONITORING AND SAMPLING

Groundwater beneath the site is currently monitored and sampled on a semi-annual basis during the first and third quarters of each year. During the January 11, 2005 monitoring and sampling event, depth to groundwater ranged from 13.74 feet (MW-5) to 16.1 feet (U3) below top of casing. The groundwater flow direction was reported towards the southeast at a gradient of 0.003 ft/ft. Dissolved groundwater concentrations were present as follows: TPPH (5,800 ug/l in U2), TPHd (2,000 ug/l in U1), benzene (0.99 ug/l in U2), and MtBE (4.2 ug/l in U1).

REMEDIATION STATUS

Approximately 5,000 gallons of groundwater were removed from the fuel UST cavity during the 1994 UST replacement activities. A total of 15,511 gallons of groundwater have been removed historically from the site through periodic groundwater purging of the UST cavity. Approximately 1,863 tons of hydrocarbon-impacted soil were excavated and removed from the site during the 1994 UST replacement activities.

CHARACTERIZATION STATUS

The soil impact beneath the site is limited to a small area surrounding the UST cavity and dispenser islands. Groundwater beneath the site is delineated with the exception of TPHg and TPHd concentrations in MW4. These concentrations have shown a decreasing trend since 2001, however the TPH plume is not stable at this time.

RECENT CORRESPONDENCE

1. The *Limited Phase II Environmental Site* Assessment report dated December 10, 2004 was prepared and submitted.

THIS QUARTER ACTIVITIES (First Quarter 2005)

1. ATC became the new lead consultant for the site.

2. Semiannual groundwater sampling and monitoring was conducted by TRC.

WASTE DISPOSAL SUMMARY

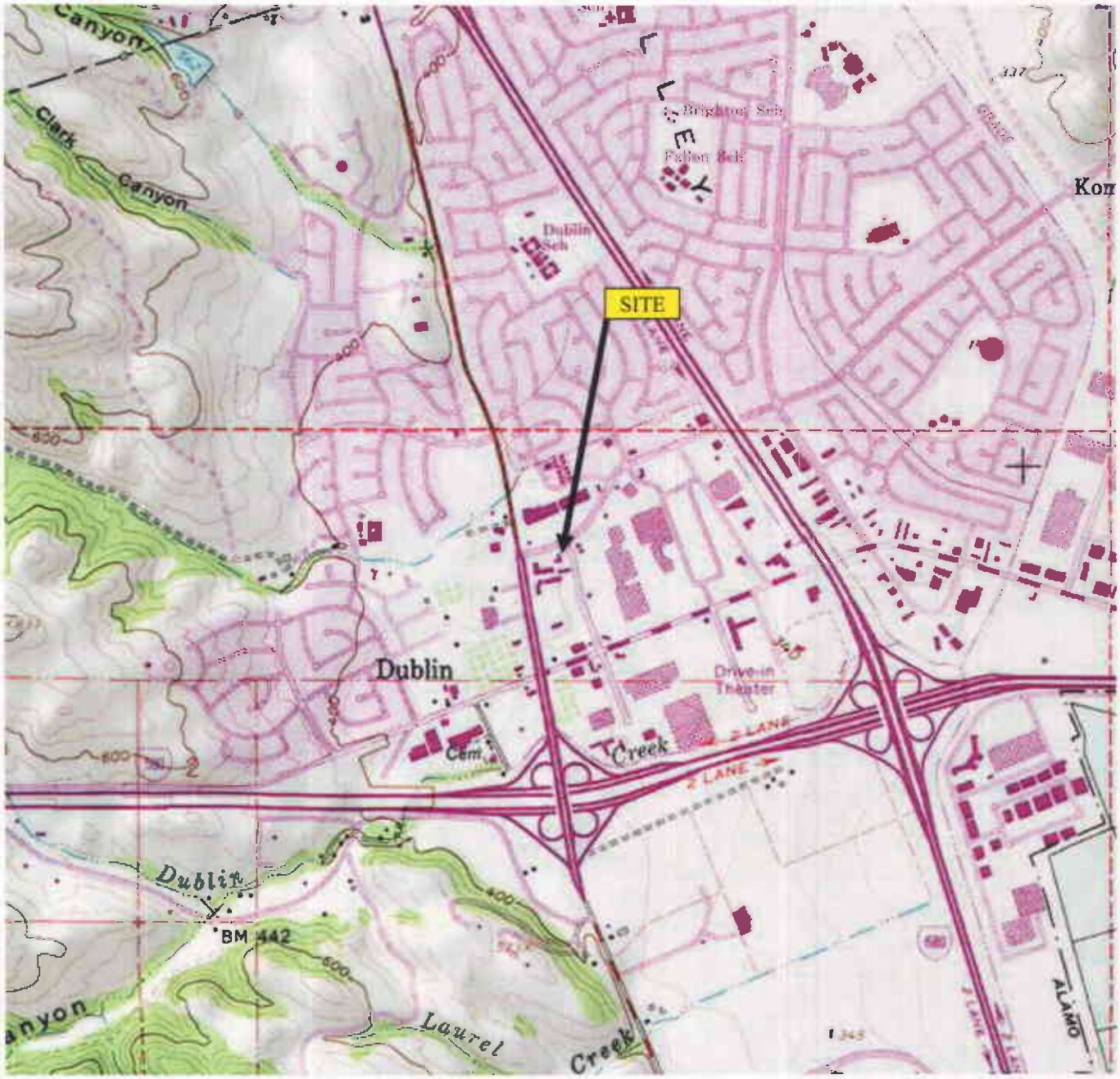
No waste was generated this Quarter

NEXT QUARTER ACTIVITIES (Second Quarter 2005)

1. No groundwater sampling is scheduled for next quarter.

2. ATC will discuss site path forward and requirements for closure with the RWQCB based on current and historic data.

CONSULTANT: ATC Associates Inc.



0 5 1 MILE

0 1000 FEET 0 500 1000 METERS

SOURCE: USGS OAKLAND WEST QUADRANGLE, CALIFORNIA (7.5 MINUTE SERIES) TOPOGRAPHIC MAP. OBTAINED FROM THE 2000 NATIONAL GEOGRAPHIC TOPO! SOFTWARE.

VATC ASSOCIATES INC.

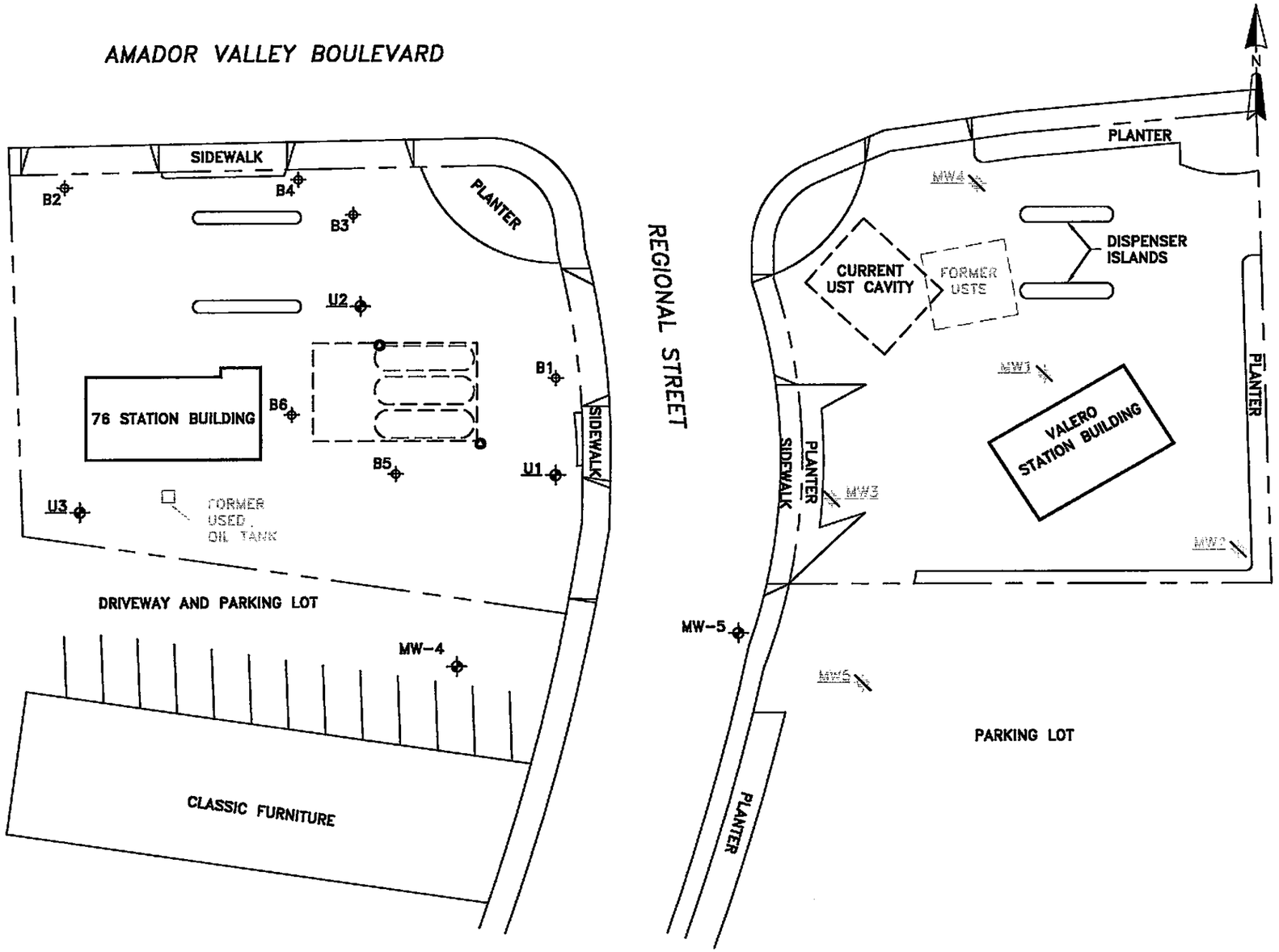
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.75118.1635		
DESIGNED BY: DE	SCALE:N/A	REVIEWED BY: DE
DRAWN BY: EC	DATE: 03/05	FILE: 7176 SITE VIC

FIGURE 1

SITE VICINITY MAP

76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA



LEGEND

- MW-4/U3 — GROUNDWATER MONITORING WELL
- B6 — SOIL BORING
- CONDUCTOR CASING LOCATION
- MW4 — ABANDONED GROUNDWATER MONITORING WELL
- UNDERGROUND STORAGE TANK
- DISPENSER ISLAND
- PROPERTY LINE

Approximate Scale

40 0 40 feet

Subject to Surveyors verification

BASE MAP REFERENCE:
MODIFIED FROM SITE PLAN SUPPLIED BY
MILLER BROOKS, ENVIRONMENTAL, INC.

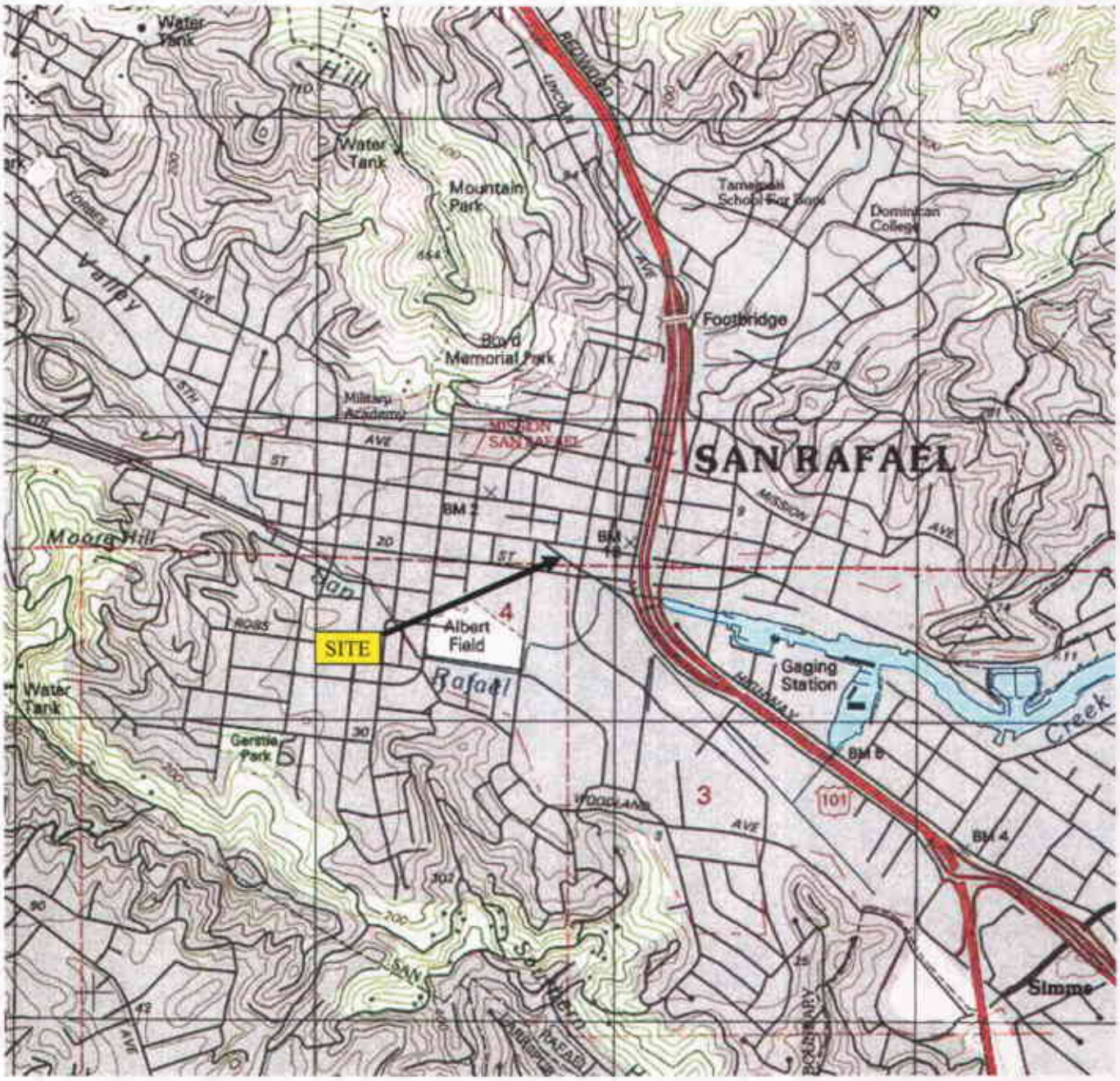
VATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

SCALE	DRAWING DATE	ACAD FILE
AS SHOWN	03/28/05	7178-site plan

SITE MAP

CLIENT		PM
	CONOCOPHILLIPS	DAE
LOCATION	76 STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	PE DA

DESIGNED	DRAWN BY:	PROJECT NO.	FIGURE
	EC	75.75118.1635	2



SOURCE: USGS RICHMOND QUADRANGLE, CALIFORNIA (7 5 MINUTE SERIES) TOPOGRAPHIC MAP. OBTAINED FROM THE 2000 NATIONAL GEOGRAPHIC TOPO! SOFTWARE.

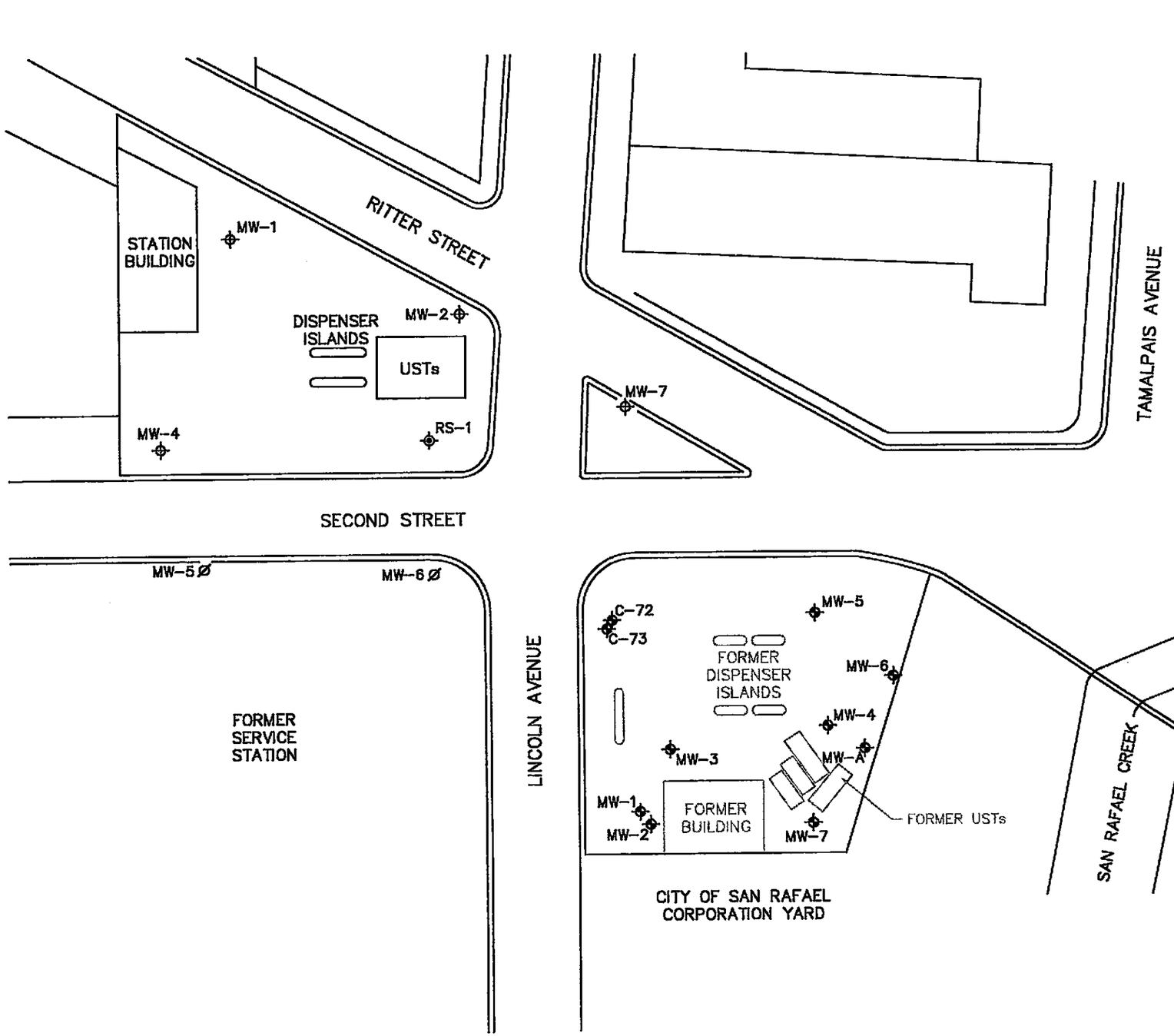
VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

PROJECT NO: 75.75118.1138		
DESIGNED BY: DE	SCALE:N/A	REVIEWED BY: DE
DRAWN BY: EC	DATE: 04/05	FILE: 2441 SITE VIC

FIGURE 1

SITE VICINITY MAP

76 STATION 2441
34 RITTER STREET
SAN RAFAEL, CALIFORNIA



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LEGEND

- APPROXIMATE PROPERTY LINE
- MW-7 ⊕ GROUNDWATER MONITOR WELL (TOSCO)
- RS-1 ⊕ RECOVERY SUMP (CONOCOPHILLIPS)
- C-73 ⊕ GROUNDWATER MONITOR WELL (FORMER SHELL)
- MW-6 Ø ABANDONED WELL

Approximate Scale

50 0 50 feet

Subject to Surveyors verification

BASE MAP REFERENCE:
MODIFIED FROM SITE PLAN SUPPLIED BY GETTLER-RYAN, SEPTEMBER 2000.

VATC ASSOCIATES INC.
6802 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-6300

SCALE	DRAWING DATE	ACAD FILE
AS SHOWN	03/25/05	2441-site plan

SITE MAP

CLIENT	PM
CONOCOPHILLIPS	DAE
LOCATION: 76 STATION 2441, 34 RITTER STREET, SAN RAFAEL, CALIFORNIA	PE: DA

DESIGNED	DRAWN BY:	PROJECT NO.	FIGURE
	EC	75.75118.1138	2

Shaw™ Shaw Environmental, Inc.
4005 Port Chicago Hwy
Concord, California 94520

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

Re: **Report Transmittal**
Quarterly Report
First Quarter – 2005
76 Service Station No. 7176
7850 Amador Valley Blvd.
Dublin, 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 call me at (916) 558-7609.

Sincerely,

Shelby Suzanne Lathrop
Project Manager
Shaw Environmental, Inc.
Approved service provider of ConocoPhillips -Risk Management & Remediation
Cell: 707-592-1146

Client Contact Information:
ConocoPhillips
76 Broadway
Sacramento, California 95818
Client office: 916-558-7609
Client fax: 916-558-7639

Attachment
cc: Liz Sewell, ConocoPhillips

TRC

Customer-Focused Solutions

February 24, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 7176
7850 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA

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

Dear Mrs. Lathrop:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 7176, located at 7850 Amador Valley Blvd., Dublin, 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. Dave Evans, ATC Associates Inc. (3 copies)

Enclosures
20-0400/7176R02.QMS

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

TRC

Customer-Focused Solutions

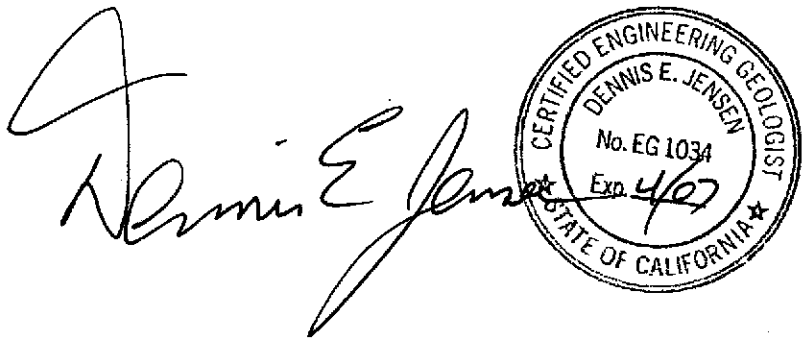
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

76 STATION 7176
7850 Amador Valley Blvd.
Dublin, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
February 24, 2005

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

TRC

Customer-Focused Solutions

February 24, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 7176
7850 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA

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

Dear Mrs. Lathrop:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 7176, located at 7850 Amador Valley Blvd., Dublin, 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. Dave Evans, ATC Associates Inc. (3 copies)

Enclosures
20-0400/7176R02.QMS

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

TRC

Customer-Focused Solutions

SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

76 STATION 7176
7850 Amador Valley Blvd.
Dublin, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
February 24, 2005

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 Figure 6: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE 8260B 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
October 2004 through March 2005
76 Station 7176
7850 Amador Valley Blvd.
Dublin, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **01/11/05**

Sample Points

Groundwater wells: **3** onsite, **2** offsite
Wells gauged: **5** Wells sampled: **5**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **13.74 feet** Maximum: **16.1 feet**
Average groundwater elevation (relative to available local datum): **341.70 feet**
Average change in groundwater elevation since previous event: **1.90 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.003 ft/ft, southeast**
Previous event: **0.01 ft/ft, east (07/02/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **2** Wells above MCL (1.0 µg/l): **0**
Maximum reported benzene concentration: **0.99 µg/l (U-2)**

Wells with **MTBE** **3** Maximum: **4.2 µg/l (U-1)**
Wells with **TPPH 8260B** **4** Maximum: **5,800 µg/l (U-2)**

Notes:

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

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 site 76 Station 7176 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

January 11, 2005

76 Station 7176

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)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4		**(Screen Interval in feet: 10.0-25.0)**													
01/11/05	356.41	14.83	0.00	341.58	1.69	--	460	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
D 01/11/05	356.41	14.83	0.00	341.58	0.00	--	--	85	--	--	--	--	--	--	
MW-5		**(Screen Interval in feet: 10.0-25.0)**													
01/11/05	355.03	13.74	0.00	341.29	1.67	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
U-1		**(Screen Interval in feet: 10.0-30.0)**													
01/11/05	355.59	13.91	0.00	341.68	2.66	--	5000	2000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
D 01/11/05	355.59	13.91	0.00	341.68	0.00	--	--	1500	--	--	--	--	--	--	
U-2		**(Screen Interval in feet: 10.0-30.0)**													
01/11/05	356.55	14.59	0.00	341.96	1.69	--	5800	1800	0.99	2.5	5.4	5.1	--	ND<5.0	
D 01/11/05	356.55	14.59	0.00	341.96	0.00	--	--	1100	--	--	--	--	--	--	
U-3		**(Screen Interval in feet: 10.0-30.0)**													
01/11/05	358.09	16.10	0.00	341.99	1.77	--	52	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2005
76 Station 7176

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)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4	**(Screen Interval in feet: 10.0-25.0)**														
04/23/98	356.41	12.11	0.00	344.30	--	2500	--	--	5.9	6.4	16	31	ND	--	
07/08/98	356.41	13.70	0.00	342.71	-1.59	1000	--	1400	ND	ND	ND	ND	ND	--	
10/05/98	356.41	15.18	0.00	341.23	-1.48	890	--	--	ND	ND	ND	14	ND	--	
01/04/99	356.41	16.39	0.00	340.02	0.00	230	--	71	0.56	1.3	1.4	1.8	10	--	
D 01/04/99	356.41	16.39	0.00	340.02	-1.21	--	--	71	--	--	--	--	--	--	
04/05/99	356.41	14.61	0.00	341.80	1.78	620	--	340	ND	1.8	2.1	ND	6	9.3	
D 04/05/99	356.41	14.61	0.00	341.80	0.00	--	--	210	--	--	--	--	--	--	
07/01/99	356.41	15.43	0.00	340.98	-0.82	700	--	260	2.1	ND	1.9	2.4	ND	21	
D 07/01/99	356.41	15.43	0.00	340.98	0.00	--	--	310	--	--	--	--	--	--	
09/30/99	356.41	16.27	0.00	340.14	-0.84	582	--	420	2.6	1.30	1.98	ND	23.1	22.5	
D 09/30/99	356.41	16.27	0.00	340.14	0.00	--	--	220	--	--	--	--	--	--	
01/03/00	356.41	17.50	0.00	338.91	-1.23	800	--	250	4.2	4.6	3.3	11	31	17	
D 01/03/00	356.41	17.50	0.00	338.91	0.00	--	--	260	--	--	--	--	--	--	
04/04/00	356.41	13.91	0.00	342.50	0.00	710	--	460	2	1.3	4.4	2.0	21	22	
D 04/04/00	356.41	13.91	0.00	342.50	3.59	--	--	340	--	--	--	--	--	--	
07/14/00	356.41	15.58	0.00	340.83	0.00	490	--	220	0.89	1.3	0.85	1.8	21	12	
D 07/14/00	356.41	15.58	0.00	340.83	-1.67	--	--	76	--	--	--	--	--	--	
10/27/00	356.41	16.96	0.00	339.45	-1.38	598	--	160	ND	1.56	4.65	ND	15.4	14	
D 10/27/00	356.41	16.96	0.00	339.45	0.00	--	--	120	--	--	--	--	--	--	
01/08/01	356.41	16.64	0.00	339.77	0.32	522	--	--	4.09	1.69	2.53	1.26	17.2	14.3	
04/03/01	356.41	15.46	0.00	340.95	1.18	575	--	180	ND	ND	ND	ND	14.0	11.6	
D 04/03/01	356.41	15.46	0.00	340.95	0.00	--	--	ND	--	--	--	--	--	--	
07/06/01	356.41	16.63	0.00	339.78	0.00	720	--	230	4.7	1.5	2.5	0.74	10	7.1	
D 07/06/01	356.41	16.63	0.00	339.78	-1.17	--	--	200	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

	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)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
	MW-4 continued															
	10/05/01	356.41	17.38	0.00	339.03	-0.75	650	--	180	4.3	1.2	1.1	1.8	5.9	5.4	
D	10/05/01	356.41	17.38	0.00	339.03	0.00	--	--	140	--	--	--	--	--	--	
	01/03/02	356.41	15.10	0.00	341.31	2.28	340	--	390	2.9	1.4	1.7	ND<1.0	ND<10/	3.1	
D	01/03/02	356.41	15.10	0.00	341.31	0.00	--	--	360	--	--	--	--	--	--	
	04/01/02	356.41	14.85	0.00	341.56	0.00	340	--	160	ND<0.50	2.7	ND<0.50	0.66	ND<5.0	2.2	
D	04/01/02	356.41	14.85	0.00	341.56	0.25	--	--	100	--	--	--	--	--	--	
	07/01/02	356.41	15.53	0.00	340.88	-0.68	--	280	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
D	07/01/02	356.41	15.53	0.00	340.88	0.00	--	--	97	--	--	--	--	--	--	
	01/24/03	356.41	14.52	0.00	341.89	0.00	--	170	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
D	01/24/03	356.41	14.52	0.00	341.89	1.01	--	--	ND<50	--	--	--	--	--	--	
	07/28/03	356.41	15.47	0.00	340.94	0.00	--	380	110	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
D	07/28/03	356.41	15.47	0.00	340.94	-0.95	--	--	130	--	--	--	--	--	--	
	02/04/04	356.41	15.55	0.00	340.86	-0.08	--	270	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
	07/02/04	356.41	16.52	0.00	339.89	-0.97	--	170	ND<200	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.83	
	01/11/05	356.41	14.83	0.00	341.58	1.69	--	460	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
D	01/11/05	356.41	14.83	0.00	341.58	0.00	--	--	85	--	--	--	--	--	--	
MW-5		**(Screen Interval in feet: 10.0-25.0)**														
	04/23/98	355.03	11.15	0.00	343.88	--	120	--	--	0.53	0.90	1.0	3.8	13	--	
	07/08/98	355.03	12.63	0.00	342.40	-1.48	ND	--	170	ND	ND	ND	ND	12	--	
	10/05/98	355.03	14.00	0.00	341.03	-1.37	ND	--	--	ND	ND	ND	ND	12	--	
	01/04/99	355.03	15.21	0.00	339.82	-1.21	ND	--	ND	ND	ND	ND	ND	ND	--	
	04/05/99	355.03	13.76	0.00	341.27	1.45	ND	--	ND	ND	ND	ND	ND	ND	ND	
	07/01/99	355.03	14.48	0.00	340.55	-0.72	ND	--	ND	ND	ND	ND	ND	ND	2.3	
	09/30/99	355.03	15.15	0.00	339.88	0.00	50.8	--	60.4	ND	ND	ND	ND	ND	ND	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

	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)	TPH-D (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
D	MW-5 continued															
D	09/30/99	355.03	15.15	0.00	339.88	-0.67	--	--	ND	--	--	--	--	--	--	
	01/03/00	355.03	16.34	0.00	338.69	-1.19	ND	--	ND	ND	ND	ND	ND	ND	ND	
	04/04/00	355.03	12.90	0.00	342.13	0.00	ND	--	69	ND	ND	ND	ND	ND	ND	
D	04/04/00	355.03	12.90	0.00	342.13	3.44	--	--	ND	--	--	--	--	--	--	
	07/14/00	355.03	14.48	0.00	340.55	-1.58	ND	--	ND	ND	ND	ND	ND	ND	ND	
	10/27/00	355.03	15.75	0.00	339.28	-1.27	ND	--	ND	ND	ND	ND	ND	ND	ND	
	01/08/01	355.03	15.25	0.00	339.78	0.50	ND	--	--	ND	ND	ND	ND	ND	ND	
	04/03/01	355.03	14.41	0.00	340.62	0.84	ND	--	ND	ND	ND	ND	ND	ND	ND	
	07/06/01	355.03	15.52	0.00	339.51	-1.11	ND	--	ND	ND	ND	ND	ND	ND	ND	
	10/05/01	355.03	16.28	0.00	338.75	-0.76	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
	01/03/02	355.03	14.01	0.00	341.02	2.27	ND<50	--	ND<51	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.6	
	04/01/02	355.03	13.64	0.00	341.39	0.37	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.5	
	07/01/02	355.03	14.51	0.00	340.52	-0.87	--	ND<50	ND<60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
	01/24/03	355.03	13.53	0.00	341.50	0.98	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
	07/28/03	355.03	14.40	0.00	340.63	-0.87	--	ND<50	ND<50	ND<0.50	ND<0.50	ND0.50	ND<1.0	--	3.4	
	02/04/04	355.03	14.41	0.00	340.62	-0.01	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
	07/02/04	355.03	15.41	0.00	339.62	-1.00	--	80	ND<200	ND<0.5	ND<0.5	ND<0.5	ND<1	--	2.0	
	01/11/05	355.03	13.74	0.00	341.29	1.67	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
U-1		**(Screen Interval in feet: 10.0-30.0)**														
	07/08/95	355.62	12.59	0.00	343.03	--	39000	--	9400	1500	19	1600	5200	--	--	
	10/12/95	355.62	15.38	0.00	340.24	-2.79	33000	--	4200	1400	ND	1400	3100	--	--	
	01/11/96	355.62	16.33	0.00	339.29	-0.95	8300	--	8200	690	11	680	1500	--	--	
	04/11/96	355.62	12.20	0.00	343.42	4.13	3200	--	5630	110	ND	180	290	790	--	
	07/10/96	355.62	13.84	0.00	341.78	-1.64	2600	--	2200	81	4.4	210	230	510	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

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)	TPH-D (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
U-1 continued															
10/30/96	355.62	15.85	0.00	339.77	-2.01	2200	--	560	67	19	140	150	360	--	
01/27/97	355.62	12.20	0.00	343.42	3.65	4600	--	2300	98	ND	360	290	150	--	
04/08/97	355.62	13.46	0.00	342.16	-1.26	2800	--	1300	50	ND	220	140	ND	--	
07/17/97	355.62	15.30	0.00	340.32	-1.84	2300	--	460	30	4.5	140	94	190	--	
10/17/97	355.62	16.33	0.00	339.29	-1.03	1500	--	510	31	6.7	110	88	220	--	
01/19/98	355.62	14.34	0.00	341.28	0.00	3100	--	1900	46	3.4	310	200	170	--	
D 01/19/98	355.62	14.34	0.00	341.28	1.99	--	--	1300	--	--	--	--	--	--	
04/23/98	355.59	11.16	0.00	344.43	3.15	3400	--	--	72	3.8	470	350	280	--	
07/08/98	355.59	12.67	0.00	342.92	-1.51	4500	--	2000	51	ND	590	430	190	--	
10/05/98	355.59	14.57	0.00	341.02	-1.90	7500	--	--	53	ND	680	350	190	180	
01/04/99	355.59	15.35	0.00	340.24	-0.78	10000	--	2700	ND	ND	1200	540	--	ND	
D 01/04/99	355.59	15.35	0.00	340.24	0.00	--	--	2500	--	--	--	--	--	--	
04/05/99	355.59	13.64	0.00	341.95	1.71	4900	--	920	34	ND	350	150	150	55	
D 04/05/99	355.59	13.64	0.00	341.95	0.00	--	--	570	--	--	--	--	--	--	
07/01/99	355.59	14.39	0.00	341.20	0.00	10000	--	2700	45	ND	850	420	260	110	
D 07/01/99	355.59	14.39	0.00	341.20	-0.75	--	--	3600	--	--	--	--	--	--	
09/30/99	355.59	15.32	0.00	340.27	-0.93	7150	--	2360	ND	ND	415	84.4	ND	195	
D 09/30/99	355.59	15.32	0.00	340.27	0.00	--	--	1680	--	--	--	--	--	--	
01/03/00	355.59	16.51	0.00	339.08	0.00	5400	--	2000	28	8.4	180	33	160	120	
D 01/03/00	355.59	16.51	0.00	339.08	-1.19	--	--	1700	--	--	--	--	--	--	
04/04/00	355.59	12.89	0.00	342.70	0.00	4800	--	990	30	ND	210	93	170	160	
D 04/04/00	355.59	12.89	0.00	342.70	3.62	--	--	1400	--	--	--	--	--	--	
07/14/00	355.59	14.56	0.00	341.03	-1.67	6200	--	2800	41	16	170	32	170	120	
D 07/14/00	355.59	14.56	0.00	341.03	0.00	--	--	1200	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

	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)	TPH-D (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
	U-1 continued															
	10/27/00	355.59	15.96	0.00	339.63	-1.40	3830	--	1400	16.8	ND	68.6	7.99	55.2	38	
D	10/27/00	355.59	15.96	0.00	339.63	0.00	--	--	1300	--	--	--	--	--	--	
	01/08/01	355.59	15.72	0.00	339.87	0.24	2410	--	--	14.7	4.30	30.5	5.04	34.5	9.33	
	04/03/01	355.59	14.46	0.00	341.13	0.00	3330	--	1500	15.8	5.96	74.8	7.06	ND	13.3	
D	04/03/01	355.59	14.46	0.00	341.13	1.26	--	--	830	--	--	--	--	--	--	
	07/06/01	355.59	15.65	0.00	339.94	-1.19	4300	--	1600	23	6.4	57	6.8	58	36	
D	07/06/01	355.59	15.65	0.00	339.94	0.00	--	--	1200	--	--	--	--	--	--	
	10/05/01	355.59	16.45	0.00	339.14	-0.80	3800	--	2500	19	ND<5.0	19	ND<5.0	64	36	
D	10/05/01	355.59	16.45	0.00	339.14	0.00	--	--	2300	--	--	--	--	--	--	
	01/03/02	355.59	14.18	0.00	341.41	0.00	4500	--	2200	25	ND<10	24	ND<10	ND<100	23	
D	01/03/02	355.59	14.18	0.00	341.41	2.27	--	--	2200	--	--	--	--	--	--	
	04/01/02	355.59	13.72	0.00	341.87	0.00	5300	--	1800	36	6.7	48	12	93	59	
D	04/01/02	355.59	13.72	0.00	341.87	0.46	--	--	1200	--	--	--	--	--	--	
	07/01/02	355.59	14.61	0.00	340.98	0.00	--	3900	2100	ND<0.50	ND<0.50	ND<0.50	3.9	--	23	
D	07/01/02	355.59	14.61	0.00	340.98	-0.89	--	--	2100	--	--	--	--	--	--	
	01/24/03	355.59	13.82	0.00	341.77	0.00	--	3400	2100	ND<2.5	ND<2.5	37	ND<5.0	--	21	
D	01/24/03	355.59	13.82	0.00	341.77	0.79	--	--	1700	--	--	--	--	--	--	
	07/28/03	355.59	14.51	0.00	341.08	-0.69	--	7100	2100	ND<2.5	ND<2.5	12	ND<5	13	13	
D	07/28/03	355.59	14.51	0.00	341.08	0.00	--	--	1200	--	--	--	--	--	--	
	02/04/04	355.59	14.66	0.00	340.93	-0.15	--	4000	1300	ND<0.50	ND<0.50	13	ND<1.0	--	9.6	
	07/02/04	355.59	16.57	0.00	339.02	-1.91	--	2600	400	0.56	ND<0.5	5.3	ND<1	--	5.4	
	01/11/05	355.59	13.91	0.00	341.68	2.66	--	5000	2000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
D	01/11/05	355.59	13.91	0.00	341.68	0.00	--	--	1500	--	--	--	--	--	--	
	U-2	(Screen Interval in feet: 10.0-30.0)														

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

	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)	TPH-D (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
	U-2 continued															
	07/08/95	356.59	12.68	0.00	343.91	--	17000	--	4700	430	ND	2200	590	--	--	
	10/12/95	356.59	16.01	0.00	340.58	-3.33	24000	--	3600	310	60	1900	190	--	--	
	01/11/96	356.59	17.06	0.00	339.53	-1.05	10000	--	8600	210	55	1400	240	--	--	
	04/11/96	356.59	12.75	0.00	343.84	4.31	7700	--	1900	130	27	1100	110	340	--	
	07/10/96	356.59	14.42	0.00	342.17	-1.67	5600	--	2300	59	15	610	42	250	--	
	10/30/96	356.59	16.82	0.00	339.77	-2.40	7700	--	1800	67	35	1000	54	260	--	
	01/27/97	356.59	12.91	0.00	343.68	3.91	1600	--	660	14	ND	130	7.0	100	--	
	04/08/97	356.59	14.07	0.00	342.52	-1.16	4300	--	2000	35	ND	400	16	ND	--	
	07/17/97	356.59	15.96	0.00	340.63	-1.89	6200	--	1300	17	22	410	ND	130	--	
	10/17/97	356.59	17.03	0.00	339.56	-1.07	7100	--	1400	71	26	520	50	ND	--	
	01/19/98	356.59	15.10	0.00	341.49	0.00	5300	--	2100	46	11	350	16	110	--	
D	01/19/98	356.59	15.10	0.00	341.49	1.93	--	--	1500	--	--	--	--	--	--	
	04/23/98	356.55	11.74	0.00	344.81	3.32	3200	--	--	23	11	210	38	160	--	
	07/08/98	356.55	13.27	0.00	343.28	-1.53	1600	--	1100	34	8.5	100	7.4	190	--	
	10/05/98	356.55	14.90	0.00	341.65	-1.63	2900	--	--	37	8.4	110	7.3	78	--	
	01/04/99	356.55	15.94	0.00	340.61	0.00	2200	--	670	35	ND	17	ND	86	--	
D	01/04/99	356.55	15.94	0.00	340.61	-1.04	--	--	250	--	--	--	--	--	--	
	04/05/99	356.55	14.19	0.00	342.36	1.75	4900	--	660	21	77	130	310	100	6.9	
D	04/05/99	356.55	14.19	0.00	342.36	0.00	--	--	490	--	--	--	--	--	--	
	07/01/99	356.55	14.98	0.00	341.57	0.00	1500	--	210	7.6	ND	ND	ND	ND	35	
D	07/01/99	356.55	14.98	0.00	341.57	-0.79	--	--	440	--	--	--	--	--	--	
	09/30/99	356.55	16.00	0.00	340.55	0.00	256	--	483	1.85	ND	2.42	ND	26.3	29.8	
D	09/30/99	356.55	16.00	0.00	340.55	-1.02	--	--	340	--	--	--	--	--	--	
	01/03/00	356.55	17.20	0.00	339.35	-1.20	3400	--	2400	23	13	ND	44	46	14	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2005
76 Station 7176

	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)	TPH-D (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
D	U-2 continued															
D	01/03/00	356.55	17.20	0.00	339.35	0.00	--	--	1900	--	--	--	--	--	--	
	04/04/00	356.55	13.50	0.00	343.05	3.70	3600	--	1000	34	17	56	ND	59	25	
D	04/04/00	356.55	13.50	0.00	343.05	0.00	--	--	1000	--	--	--	--	--	--	
	07/14/00	356.55	15.23	0.00	341.32	-1.73	3100	--	1000	16	13	15	10	100	19	
D	07/14/00	356.55	15.23	0.00	341.32	0.00	--	--	350	--	--	--	--	--	--	
	10/27/00	356.55	16.74	0.00	339.81	0.00	4180	--	2000	30.4	10.2	14.6	ND	55.5	15	
D	10/27/00	356.55	16.74	0.00	339.81	-1.51	--	--	1900	--	--	--	--	--	--	
	01/08/01	356.55	16.68	0.00	339.87	0.06	3300	--	--	33.5	7.32	3.49	ND	66.7	7.49	
	04/03/01	356.55	15.12	0.00	341.43	1.56	4290	--	1500	32.4	9.91	20.1	ND	66.6	18.1	
D	04/03/01	356.55	15.12	0.00	341.43	0.00	--	--	830	--	--	--	--	--	--	
	07/06/01	356.55	16.32	0.00	340.23	0.00	4700	--	1400	35	11	12	5.3	62	19	
D	07/06/01	356.55	16.32	0.00	340.23	-1.20	--	--	1100	--	--	--	--	--	--	
	10/05/01	356.55	17.15	0.00	339.40	0.00	3600	--	3200	31	9.6	8.7	6.9	62	13	
D	10/05/01	356.55	17.15	0.00	339.40	-0.83	--	--	1900	--	--	--	--	--	--	
	01/03/02	356.55	14.90	0.00	341.65	0.00	4600	--	2300	34	11	15	5.8	62	7.5	
D	01/03/02	356.55	14.90	0.00	341.65	2.25	--	--	2100	--	--	--	--	--	--	
	04/01/02	356.55	14.38	0.00	342.17	0.00	3500	--	1400	38	9.3	10	6.5	87	18	
D	04/01/02	356.55	14.38	0.00	342.17	0.52	--	--	470	--	--	--	--	--	--	
	07/01/02	356.55	15.24	0.00	341.31	-0.86	--	4500	ND<50	ND<0.50	ND<0.50	5.0	1.7	--	ND<0.50	
	01/24/03	356.55	14.31	0.00	342.24	0.00	--	2300	860	1.1	1.5	6.9	2.4	--	5.9	
D	01/24/03	356.55	14.31	0.00	342.24	0.93	--	--	570	--	--	--	--	--	--	
	07/28/03	356.55	15.18	0.00	341.37	0.00	--	5600	1300	ND<2.5	ND<2.5	3.4	ND<5	ND<10	ND<10	
D	07/28/03	356.55	15.18	0.00	341.37	-0.87	--	--	710	--	--	--	--	--	--	
	02/04/04	356.55	15.36	0.00	341.19	-0.18	--	4400	1300	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

	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)	TPH-D (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
	U-2 continued															
	07/02/04	356.55	16.28	0.00	340.27	-0.92	--	5700	380	1.4	2.8	6.6	5.5	--	6.6	
	01/11/05	356.55	14.59	0.00	341.96	1.69	--	5800	1800	0.99	2.5	5.4	5.1	--	ND<5.0	
D	01/11/05	356.55	14.59	0.00	341.96	0.00	--	--	1100	--	--	--	--	--	--	
	U-3	**(Screen Interval in feet: 10.0-30.0)**														
	07/08/95	358.13	14.58	0.00	343.55	--	1100	--	710	0.57	2.1	1.7	2.4	--	--	
	10/12/95	358.13	17.60	0.00	340.53	-3.02	560	--	470	ND	0.87	0.7	1.1	--	--	
	01/11/96	358.13	18.65	0.00	339.48	-1.05	230	--	260	0.62	0.91	0.97	1.9	--	--	
	04/11/96	358.13	13.20	0.00	344.93	5.45	68	--	ND	ND	ND	ND	ND	ND	--	
	07/10/96	358.13	15.98	0.00	342.15	-2.78	ND	--	ND	ND	ND	ND	ND	ND	--	
	10/30/96	358.13	18.24	0.00	339.89	-2.26	70	--	ND	ND	ND	ND	ND	ND	--	
	01/27/97	358.13	14.41	0.00	343.72	3.83	ND	--	ND	ND	ND	ND	ND	ND	--	
	04/08/97	358.13	15.73	0.00	342.40	-1.32	ND	--	ND	ND	ND	ND	ND	ND	--	
	07/17/97	358.13	17.54	0.00	340.59	-1.81	ND	--	ND	ND	ND	ND	ND	ND	--	
	10/17/97	358.13	18.64	0.00	339.49	-1.10	ND	--	63	ND	ND	ND	ND	ND	--	
	01/19/98	358.13	16.67	0.00	341.46	0.00	ND	--	68	ND	ND	ND	ND	ND	--	
D	01/19/98	358.13	16.67	0.00	341.46	1.97	--	--	ND	--	--	--	--	--	--	
	04/23/98	358.09	13.28	0.00	344.81	3.35	ND	--	--	ND	ND	ND	ND	ND	--	
	07/08/98	358.09	14.90	0.00	343.19	-1.62	ND	--	80	ND	ND	ND	ND	ND	--	
	10/05/98	358.09	16.50	0.00	341.59	-1.60	ND	--	--	ND	ND	ND	ND	ND	--	
	01/04/99	358.09	17.70	0.00	340.39	-1.20	ND	--	ND	ND	ND	ND	ND	ND	--	
	04/05/99	358.09	15.67	0.00	342.42	2.03	ND	--	ND	ND	ND	ND	ND	ND	ND	
	07/01/99	358.09	16.79	0.00	341.30	-1.12	ND	--	ND	ND	ND	ND	ND	ND	ND	
	09/30/99	358.09	17.60	0.00	340.49	-0.81	ND	--	ND	ND	ND	ND	ND	ND	ND	
	01/03/00	358.09	18.86	0.00	339.23	-1.26	ND	--	ND	ND	ND	ND	ND	ND	ND	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through January 2005

76 Station 7176

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)	TPH-D (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
U-3 continued															
04/04/00	358.09	15.10	0.00	342.99	3.76	ND	--	ND	ND	ND	ND	ND	ND	ND	
07/14/00	358.09	16.85	0.00	341.24	-1.75	ND	--	ND	ND	ND	ND	ND	ND	ND	
10/27/00	358.09	18.35	0.00	339.74	-1.50	ND	--	ND	ND	ND	ND	ND	ND	ND	
01/08/01	358.09	18.31	0.00	339.78	0.04	ND	--	--	ND	ND	ND	ND	ND	ND	
04/03/01	358.09	16.70	0.00	341.39	1.61	ND	--	ND	ND	ND	ND	ND	ND	ND	
07/06/01	358.09	17.90	0.00	340.19	-1.20	ND	--	ND	ND	ND	ND	ND	ND	ND	
10/05/01	358.09	18.71	0.00	339.38	-0.81	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
01/03/02	358.09	16.41	0.00	341.68	2.30	ND<50	--	ND<52	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
04/01/02	358.09	15.87	0.00	342.22	0.54	ND<50	--	ND<50	ND<0.50	1.1	ND<0.50	1.2	ND<5.0	ND<2.0	
07/01/02	358.09	16.77	0.00	341.32	-0.90	--	ND<50	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/24/03	358.09	15.75	0.00	342.34	1.02	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<2.019	
07/28/03	358.09	16.74	0.00	341.35	-0.99	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
02/04/04	358.09	16.87	0.00	341.22	-0.13	--	ND<50	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/02/04	358.09	17.87	0.00	340.22	-1.00	--	ND<50	ND<200	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
01/11/05	358.09	16.10	0.00	341.99	1.77	--	52	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 7176

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4								
04/05/99	--	ND	ND	ND	ND	ND	ND	ND
07/01/99	--	ND	ND	ND	ND	ND	ND	ND
09/30/99	--	ND	ND	ND	ND	ND	ND	ND
01/03/00	--	ND	ND	ND	ND	ND	ND	ND
04/04/00	--	ND	ND	ND	ND	ND	ND	ND
07/14/00	--	ND	ND	ND	ND	ND	ND	ND
10/27/00	--	ND	ND	ND	ND	ND	ND	ND
01/08/01	--	ND	ND	ND	ND	ND	ND	ND
04/03/01	--	ND	ND	ND	ND	ND	ND	ND
07/06/01	--	ND	ND	ND	ND	ND	ND	ND
10/05/01	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	ND<2.0
01/03/02	--	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
04/01/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/01/02	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<25	ND<0.50
01/24/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/28/03	--	ND<2	ND<2	ND<100	ND<2	ND<2	ND<500	ND<2
02/04/04	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
07/02/04	ND<0.5	ND<0.5	ND<1	ND<12	ND<1	ND<1	ND<800	--
01/11/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
MW-5								
04/05/99	--	ND	ND	ND	ND	ND	ND	ND
07/01/99	--	ND	ND	ND	ND	ND	ND	ND
09/30/99	--	ND	ND	ND	ND	ND	ND	ND
01/03/00	--	ND	ND	ND	ND	ND	ND	ND
04/04/00	--	ND	ND	ND	ND	ND	ND	ND
07/14/00	--	ND	ND	ND	ND	ND	ND	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 7176

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5 continued								
10/27/00	--	ND	ND	ND	ND	ND	ND	ND
01/08/01	--	ND	ND	ND	ND	ND	ND	ND
04/03/01	--	ND	ND	ND	ND	ND	ND	ND
07/06/01	--	ND	ND	ND	ND	ND	ND	ND
10/05/01	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	ND<2.0
01/03/02	--	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
04/01/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/01/02	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<25	ND<0.50
01/24/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/28/03	--	ND<2	ND<2	ND<100	ND<2	ND<2	ND<500	ND<2
02/04/04	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
07/02/04	ND<0.5	ND<0.5	ND<1	ND<12	ND<1	ND<1	ND<800	--
01/11/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--
U-1								
04/05/99	--	ND	ND	ND	ND	ND	ND	ND
07/01/99	--	ND	ND	ND	ND	ND	ND	ND
09/30/99	--	ND	ND	ND	ND	ND	ND	ND
01/03/00	--	ND	ND	ND	ND	ND	ND	ND
04/04/00	--	ND	ND	ND	ND	ND	ND	ND
07/14/00	--	ND	ND	ND	ND	ND	ND	ND
10/27/00	--	ND	ND	ND	ND	ND	ND	ND
01/08/01	--	ND	ND	ND	ND	ND	ND	ND
04/03/01	--	ND	ND	ND	ND	ND	ND	ND
07/06/01	--	ND	ND	ND	ND	ND	ND	ND
10/05/01	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	ND<2.0
01/03/02	--	ND<5.0	ND<5.0	ND<100	ND<5.0	ND<5.0	ND<2500	ND<5.0

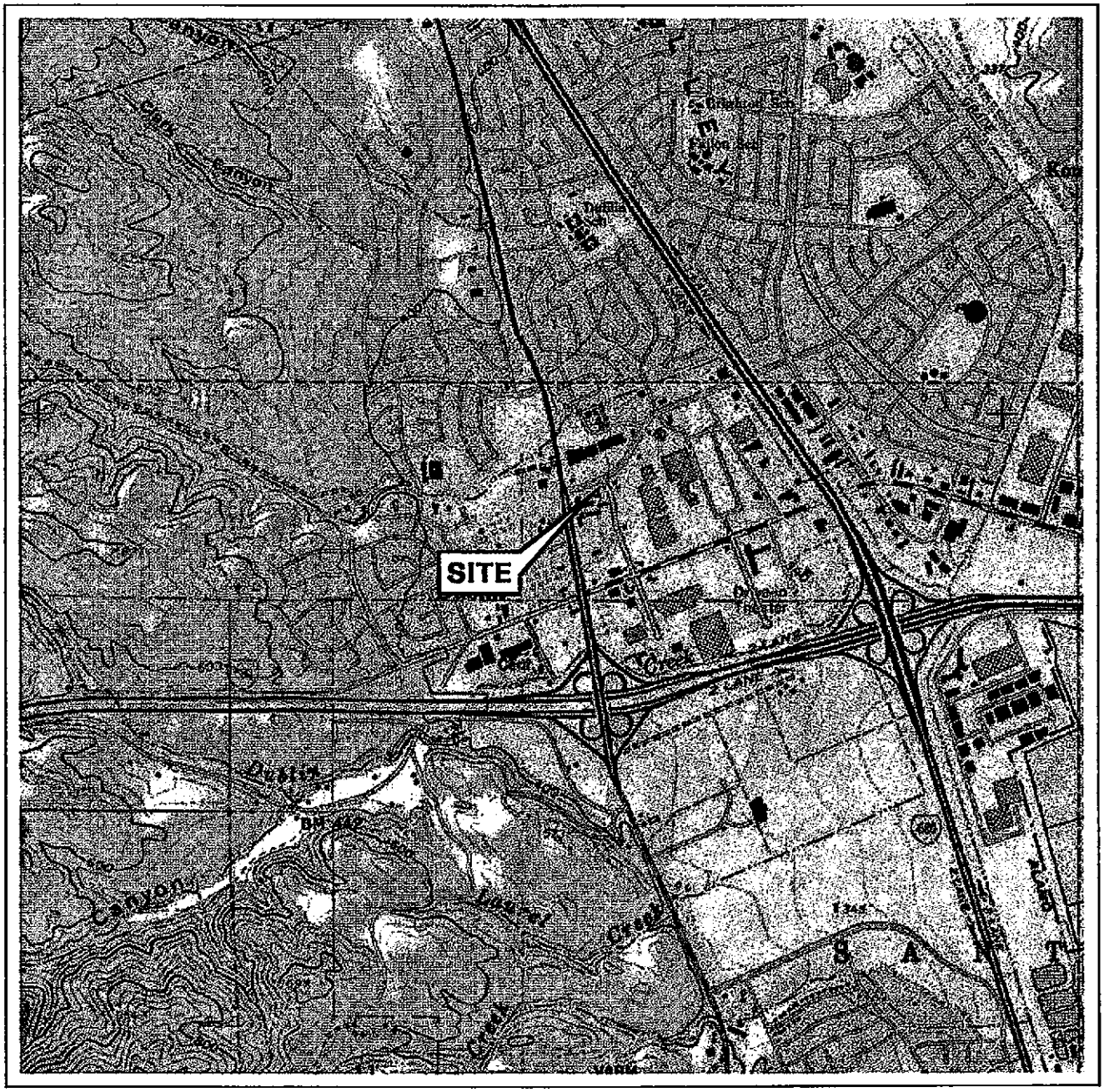
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 7176

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-1 continued								
04/01/02	--	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10
07/01/02	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<25	ND<0.50
01/24/03	--	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10
07/28/03	--	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10
02/04/04	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
07/02/04	ND<0.5	ND<0.5	ND<1	ND<12	ND<1	ND<1	ND<800	--
01/11/05	ND<0.50	ND<0.50	ND<0.50	5.2	ND<1.0	ND<0.50	ND<50	--
U-2								
04/05/99	--	ND	ND	ND	ND	ND	ND	ND
07/01/99	--	ND	ND	ND	ND	ND	ND	ND
09/30/99	--	ND	ND	ND	ND	ND	ND	ND
01/03/00	--	ND	ND	ND	ND	ND	ND	ND
04/04/00	--	ND	ND	ND	ND	ND	ND	ND
07/14/00	--	ND	ND	ND	ND	ND	ND	ND
10/27/00	--	ND	ND	ND	ND	ND	ND	ND
01/08/01	--	ND	ND	ND	ND	ND	ND	ND
04/03/01	--	ND	ND	ND	ND	ND	ND	ND
07/06/01	--	ND	ND	ND	ND	ND	ND	ND
10/05/01	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	ND<2.0
01/03/02	--	ND<5.0	ND<5.0	ND<100	ND<5.0	ND<5.0	ND<2500	ND<5.0
04/01/02	--	ND<4.0	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1000	ND<4.0
07/01/02	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<25	ND<0.50
01/24/03	--	ND<4.0	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1000	ND<4.0
07/28/03	--	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10
02/04/04	ND<20	ND<20	ND<20	ND<1000	ND<20	ND<20	ND<5000	--
07/02/04	ND<0.5	ND<0.5	ND<1	ND<12	ND<1	ND<1	ND<800	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 7176

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-2 continued								
01/11/05	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<5.0	ND<500	--
U-3								
04/05/99	--	ND	ND	ND	ND	ND	ND	ND
07/01/99	--	ND	ND	ND	ND	ND	ND	ND
09/30/99	--	ND	ND	ND	ND	ND	ND	ND
01/03/00	--	ND	ND	ND	ND	ND	ND	ND
04/04/00	--	ND	ND	ND	ND	ND	ND	ND
07/14/00	--	ND	ND	ND	ND	ND	ND	ND
10/27/00	--	ND	ND	ND	ND	ND	ND	ND
01/08/01	--	ND	ND	ND	ND	ND	ND	ND
04/03/01	--	ND	ND	ND	ND	ND	ND	ND
07/06/01	--	ND	ND	ND	ND	ND	ND	ND
10/05/01	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	ND<2.0
01/03/02	--	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	ND<1.0
04/01/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/01/02	--	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<25	ND<0.50
01/24/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
07/28/03	--	ND<2	ND<2	ND<100	ND<2	ND<2	ND<500	ND<2
02/04/04	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--
07/02/04	ND<0.5	ND<0.5	ND<1	ND<12	ND<1	ND<1	ND<800	--
01/11/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	--

FIGURES



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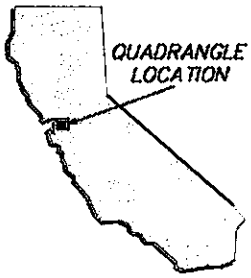


SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

VICINITY MAP

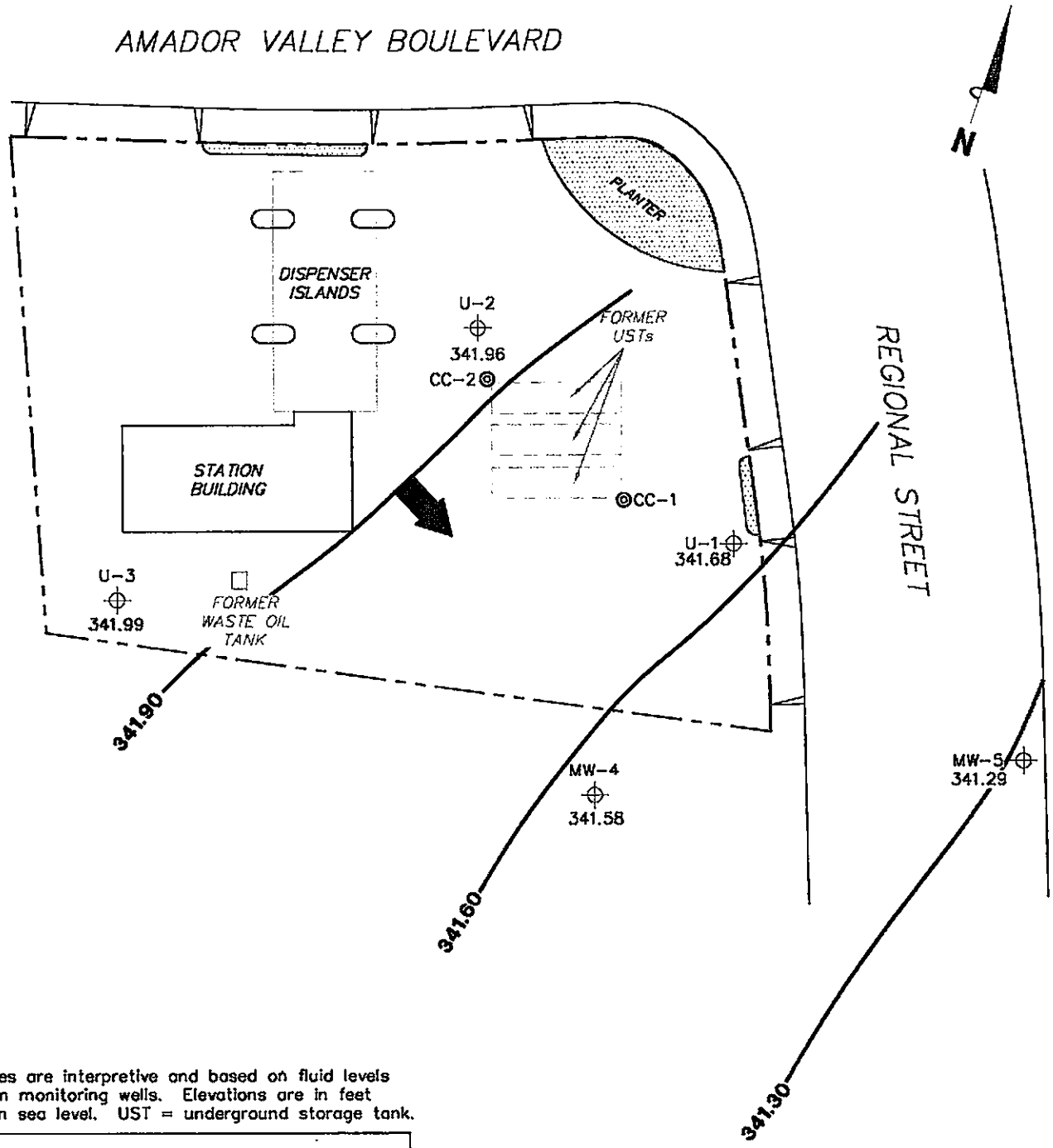
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

FIGURE 1

PS = 1:1

Graphics on Irvine-fs1(L:)\VICINITY MAPS\7176vm.dwg 2/26/04 blw



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

LEGEND

MW-5 ⊕ Monitoring Well with Groundwater Elevation (feet)

CC-2 ◎ Conductor Casing

341.90 —— Groundwater Elevation Contour

General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
January 11, 2005

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

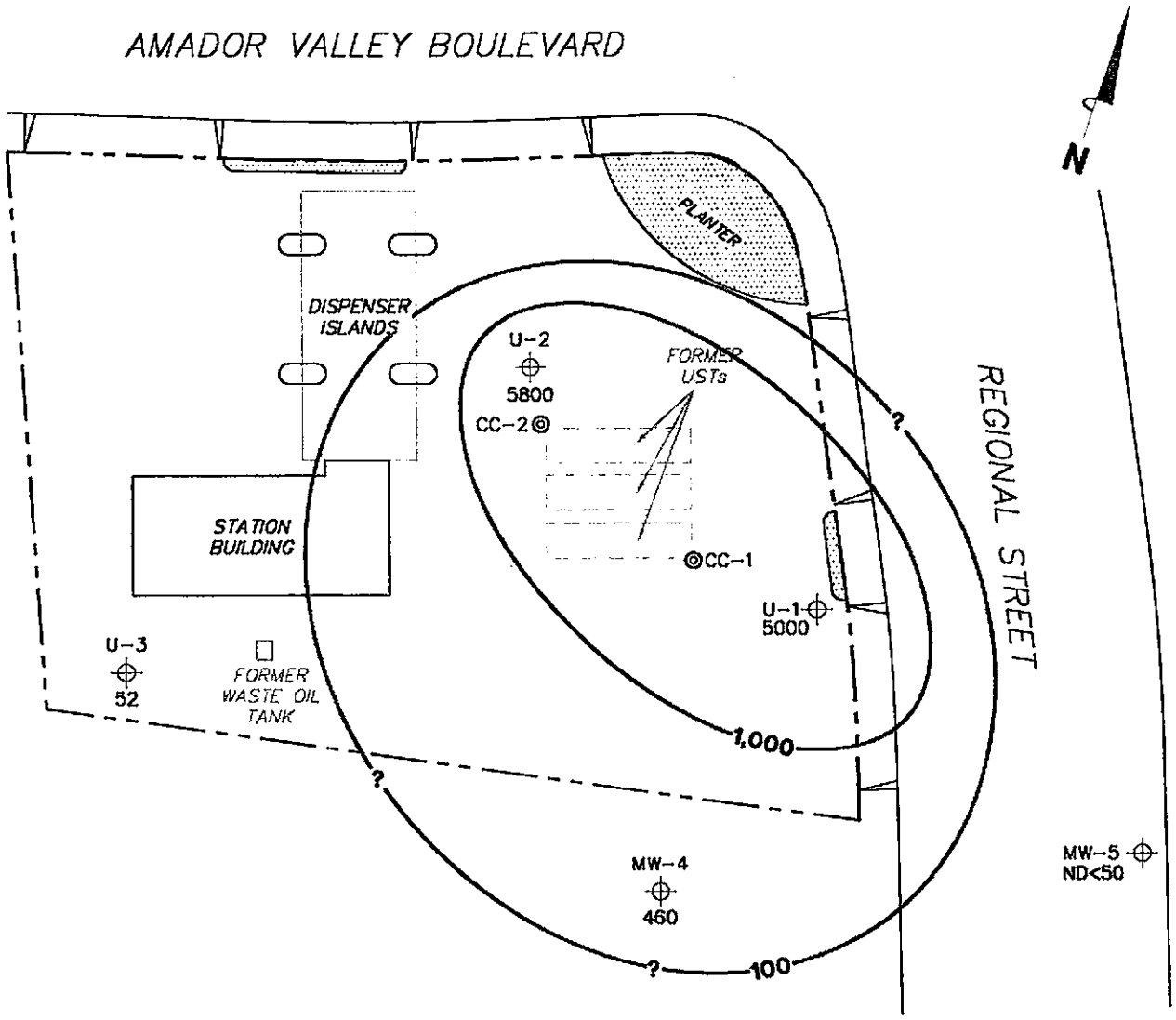
TRC

SCALE (FEET)
0 40

FIGURE 2

PS=1:1 7176-003

Graphics on Irine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-7000\7176+\7176-QMS.dwg 2/14/05 rbs



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.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

CC-2 ◎ Conductor Casing

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
January 11, 2005

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

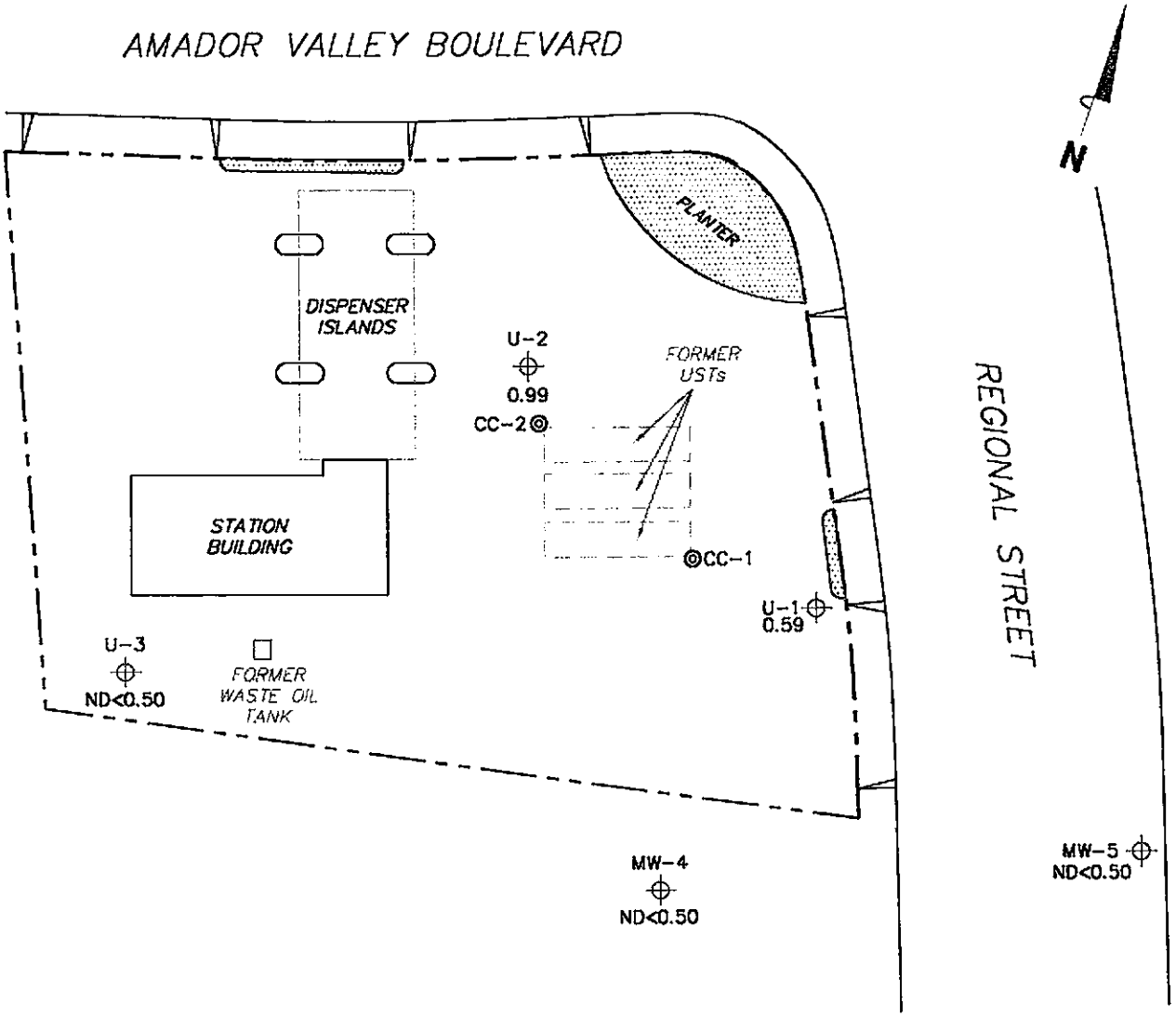
TRC

SCALE (FEET)
0 40

FIGURE 3

PS=1:1 7176-003

Graphics on Irine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-7000\7176+\7176-QMS.dwg 2/14/05 rbs



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

CC-2 ◎ Conductor Casing

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 11, 2005

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

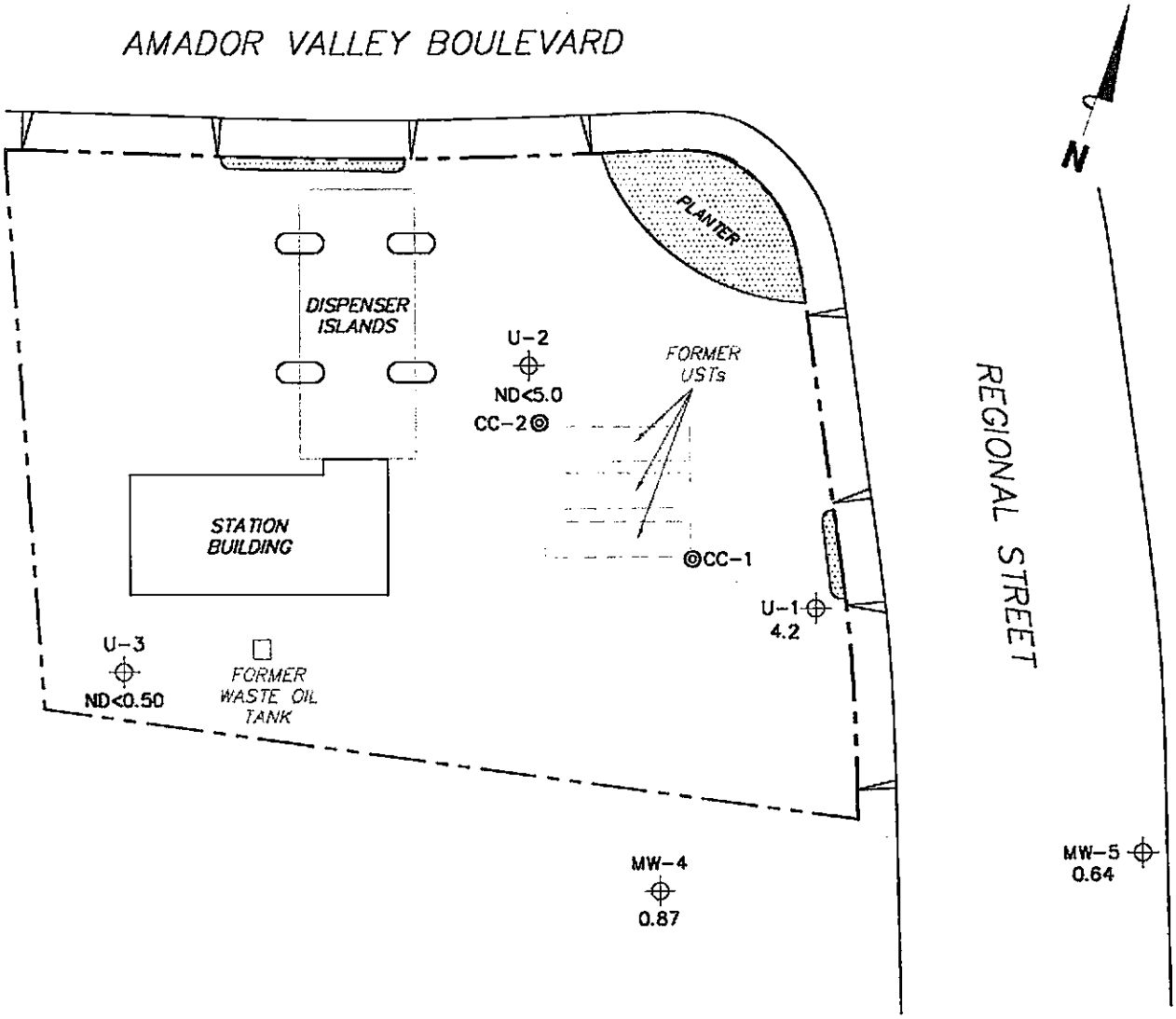
TRC

SCALE (FEET)
0 40

FIGURE 4

PS=1:1 7176-003

Graphics on Irine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-7000\7176+\7176-QMS.dwg 2/14/05 rbs



NOTES:

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.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

CC-2 ◎ Conductor Casing

DISSOLVED-PHASE MTBE CONCENTRATION MAP
January 11, 2005

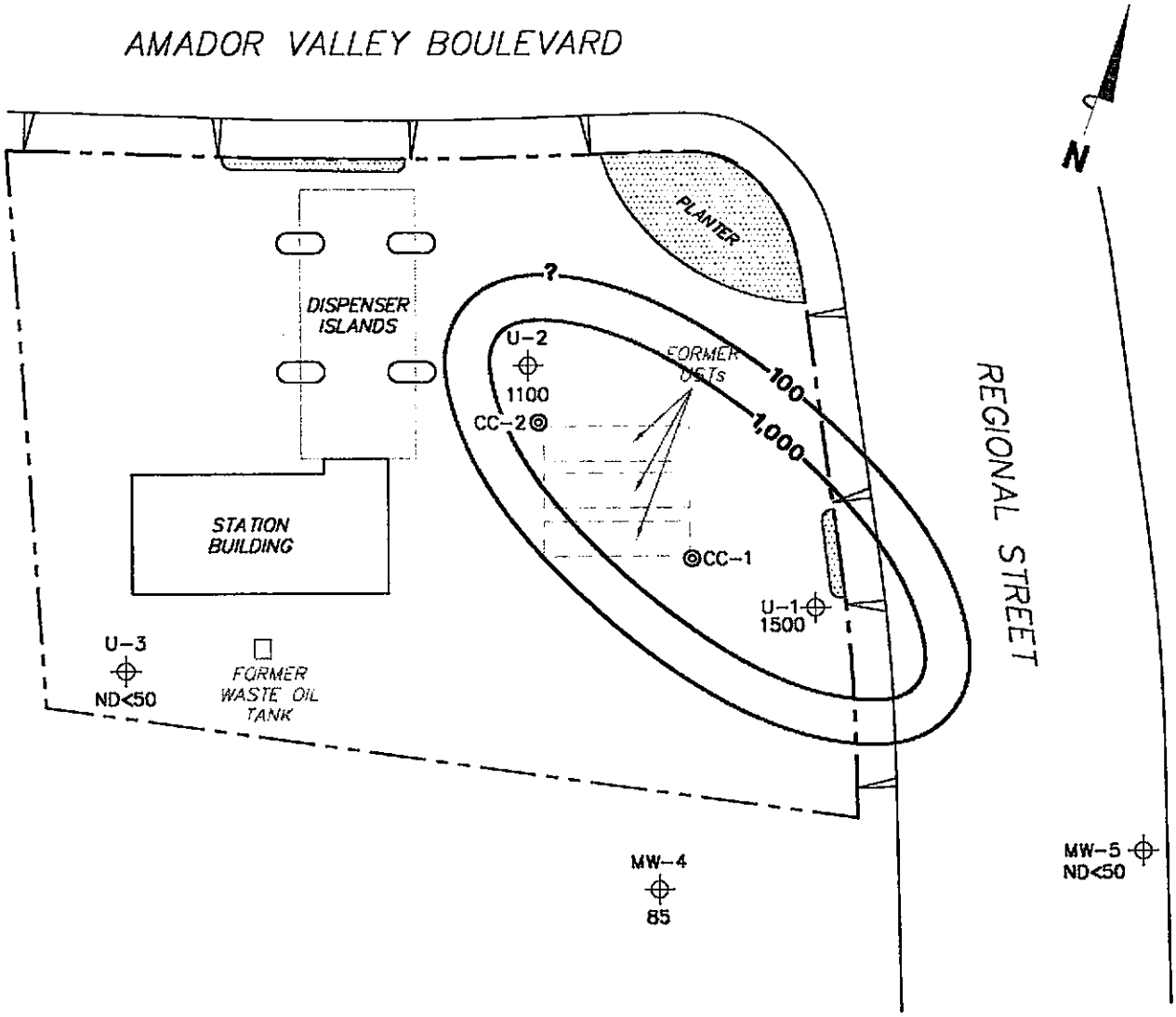
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

SCALE (FEET)
0 40

FIGURE 5

PS=1:1 7176-003

Graphics on Irine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-7000\7176+\7176-QMS.dwg 2/14/05 rbs



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-D = total petroleum hydrocarbons as diesel. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase TPH-D Concentration (µg/l)

CC-2 ◎ Conductor Casing

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

DISSOLVED-PHASE TPH-D CONCENTRATION MAP
Janaury 11, 2005

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

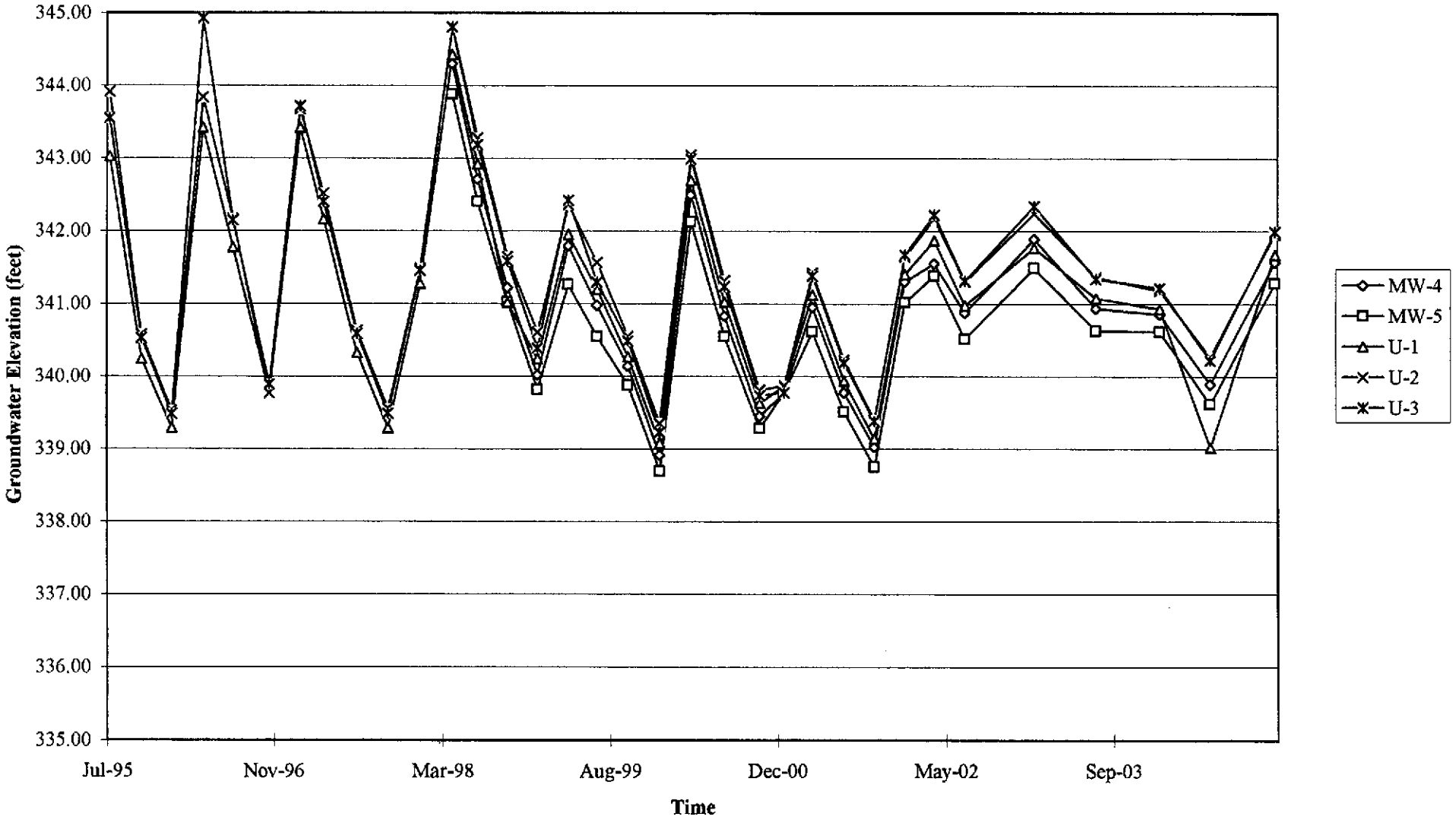
FIGURE 6

PS=1:1 7176-003

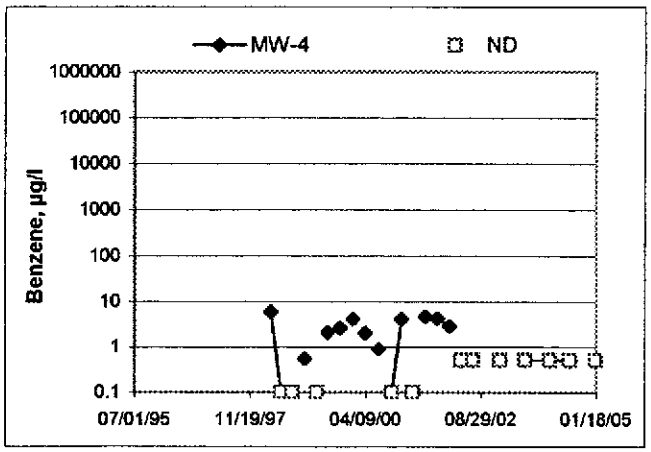
Graphics on Irine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-7000\7176+\7176-QMS.dwg 2/14/05 rbs

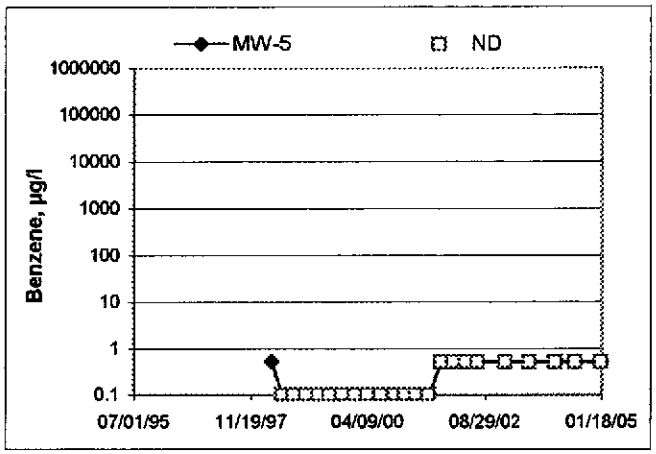
GRAPHS

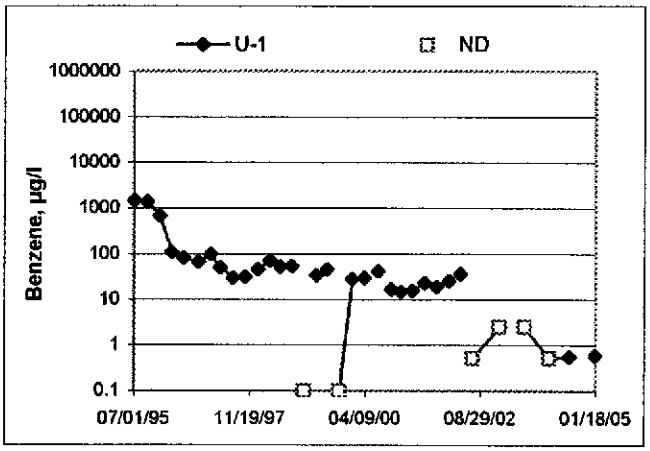
Groundwater Elevations vs. Time
76 Station 7176

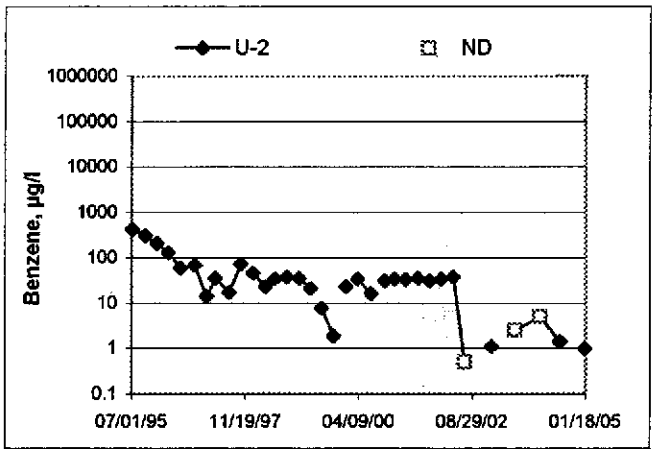


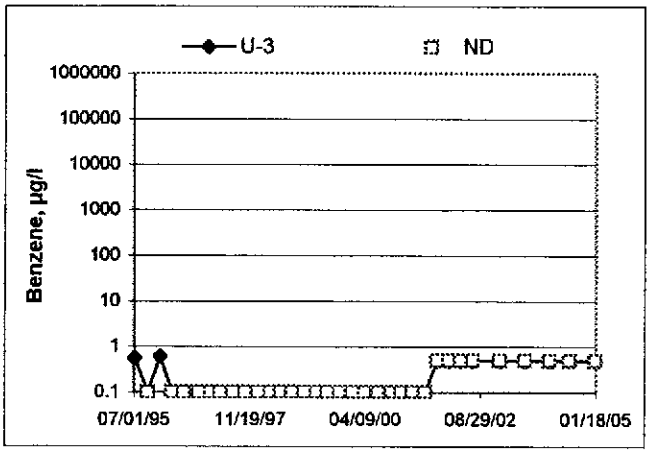
Benzene Concentrations vs Time
76 Station 7176



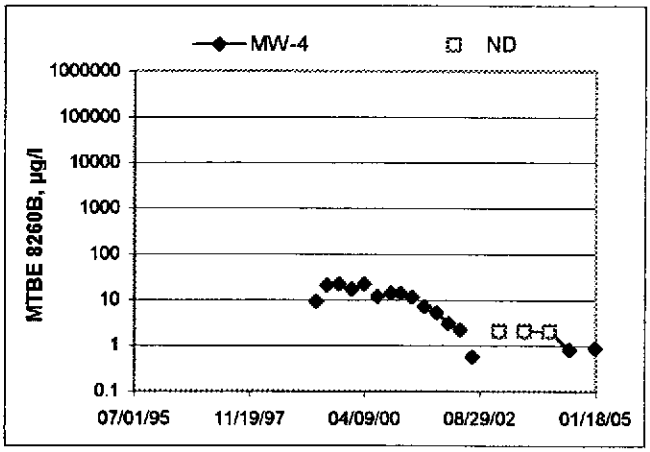


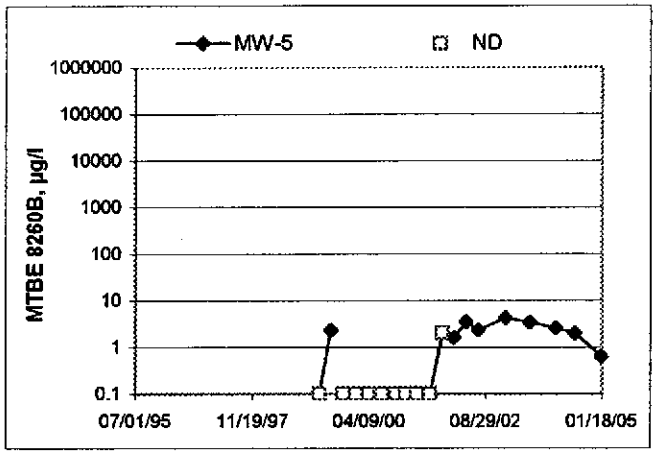


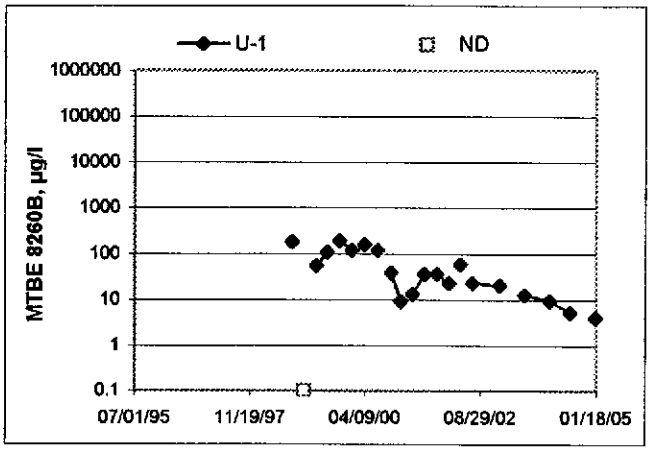


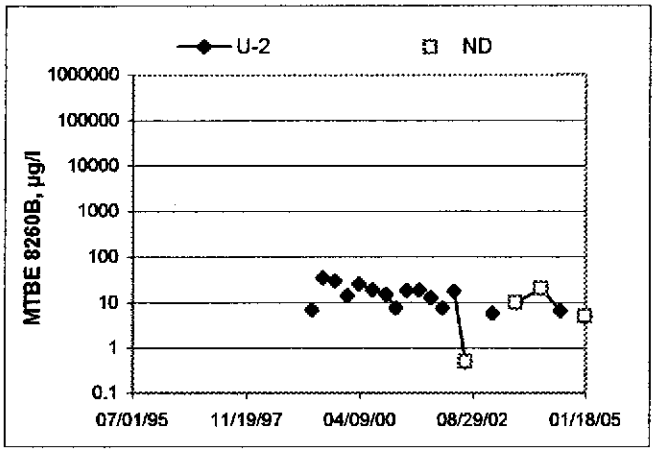


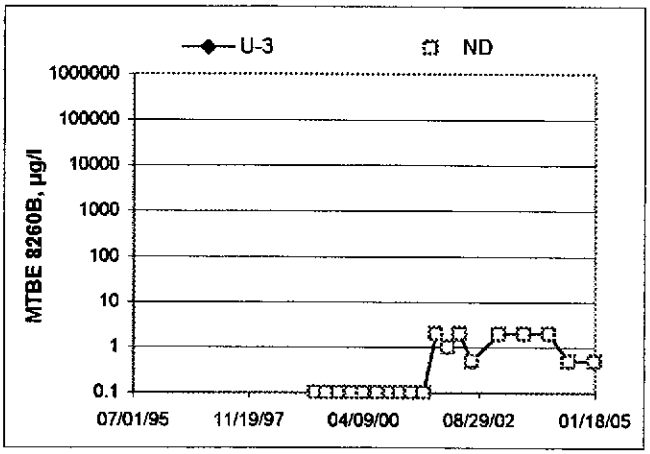
MTBE 8260B Concentrations vs Time
76 Station 7176











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 e xperience 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-inchto 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: ALEX / ANTHONY Job #/Task #: 41050001 / FA20 Date: 1-11-05

Site # 7176 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
U-3	✓	08:58	28.20	16.10	0	0	10:17	2"
MW-4	✓	9:07	25.30	14.83	0	0	10:38	2"
U-1	✓	9:11	27.28	13.91	0	0	10:55	2"
U-2	✓	9:17	26.29	14.59	0	0	11:16	2"
MW-5	✓	9:27	24.72	13.74	0	0	9:48	2"

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

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex/Anthony

Site: 7176 Project No.: Date: 1-11-05

Well No.: U-1 Purge Method: D

Depth to Water (feet): 13.91 Depth to Product (feet): 0

Total Depth (feet): 27.28 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.37 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 16.58 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
10:48			2	1025	24.5	6.87		
			4	1018	25.1	6.76		
	10.51		6	1042	25.4	6.73		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.02	6	10:55

Comments:

Well No.: U-2 Purge Method: D

Depth to Water (feet): 14.59 Depth to Product (feet): 0

Total Depth (feet): 26.29 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.70 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 16.93 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
11.02			2	1170	24.3	6.92		
			4	1148	25.00	6.75		
			6	1142	25.4	6.77		

Static at Time Sampled	Total Gallons Purged	Time Sampled
15.10	6	11:10

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Anthony

Site: 7176 Project No.: Date: 1-11-05

Well No.: U-3 Purge Method: D

Depth to Water (feet): 16.16 Depth to Product (feet): 0

Total Depth (feet): 28.20 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.10 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 18.42 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
10:08			2	1118	23.00	7.44		
			4	1124	23.6	7.07		
	10:15	~~16.22~~ AH	6	1137	24.6	6.88		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.20	6	10:17

Comments:

Well No.: MW-4 Purge Method: D

Depth to Water (feet): 14.83 Depth to Product (feet): 0

Total Depth (feet): 25.30 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.47 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 19.82 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
10:29			2	11.60	23.4	6.92		
			4	11.73	24.2	6.74		
	10:31		6	11.80	25.00	6.80		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.90	6	10:38

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Joey / Anthony

Site: 7176 Project No.: Date: 1-11-05

Well No.: MW-5 Purge Method: D

Depth to Water (feet): 13.74 Depth to Product (feet): a

Total Depth (feet): 24.72 LPH & Water Recovered (gallons): 6

Water Column (feet): 10.98 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.93 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
9.33			2	1180	18.6	6.40		
			4	1200	24.0	6.67		
	9.40		6	1217	24.3	6.8		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.75	6	9.48

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#: 2005-01-0327

TRC Alton Geoscience- Irvine

January 28, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001/FA20
Project: Conoco Phillips #7176
Site: 7850 Amador Valley Blvd.

Attached is our report for your samples received on 01/12/2005 17:39
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 02/26/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2005-01-0327

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-1	01/11/2005 10:55	Water	1
U-2	01/11/2005 11:10	Water	2
U-3	01/11/2005 10:17	Water	3
MW-4	01/11/2005 10:38	Water	4
MW-5	01/11/2005 09:48	Water	5

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Sample ID: **U-1**
Sampled: 01/11/2005 10:55
Matrix: Water

Test(s): 8015M
Lab ID: 2005-01-0327 - 1
Extracted: 1/20/2005 05:25
QC Batch#: 2005/01/20-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2000	50	ug/L	1.00	01/20/2005 17:47	Q2
Surrogate(s)						
o-Terphenyl	79.0	60-130	%	1.00	01/20/2005 17:47	

Diesel

TRC Alton Geoscience- Irvine
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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **U-2**
Lab ID: 2005-01-0327 - 2
Sampled: 01/11/2005 11:10
Extracted: 1/20/2005 05:25
Matrix: Water
QC Batch#: 2005/01/20-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1800	50	ug/L	1.00	01/20/2005 18:14	Q2
Surrogate(s)						
o-Terphenyl	80.1	60-130	%	1.00	01/20/2005 18:14	

Diesel

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Sample ID: **U-3**
Sampled: 01/11/2005 10:17
Matrix: Water

Test(s): 8015M
Lab ID: 2005-01-0327 - 3
Extracted: 1/20/2005 05:25
QC Batch#: 2005/01/20-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	01/20/2005 18:42	
Surrogate(s)						
o-Terphenyl	77.7	60-130	%	1.00	01/20/2005 18:42	

Diesel

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Irvine, CA 92718
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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Sample ID: **MW-4**
Sampled: 01/11/2005 10:38
Matrix: Water

Test(s): 8015M
Lab ID: 2005-01-0327 - 4
Extracted: 1/20/2005 05:25
QC Batch#: 2005/01/20-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	110	50	ug/L	1.00	01/20/2005 19:09	Q2
Surrogate(s)						
o-Terphenyl	79.3	60-130	%	1.00	01/20/2005 19:09	

Diesel

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-5**	Lab ID:	2005-01-0327 - 5
Sampled:	01/11/2005 09:48	Extracted:	1/20/2005 05:25
Matrix:	Water	QC Batch#:	2005/01/20-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	01/20/2005 19:37	
Surrogate(s)						
o-Terphenyl	76.5	60-130	%	1.00	01/20/2005 19:37	

Diesel

TRC Alton Geoscience- Irvine
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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2005/01/20-01.10-003

Water

Test(s): 8015M
QC Batch # 2005/01/20-01.10
Date Extracted: 01/20/2005 05:25

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	01/21/2005 01:05	
Surrogates(s)					
o-Terphenyl	82.0	60-130	%	01/21/2005 01:05	

Diesel

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2005/01/20-01.10**

LCS 2005/01/20-01.10-001 Extracted: 01/20/2005 Analyzed: 01/24/2005 00:10
LCSD 2005/01/20-01.10-002 Extracted: 01/20/2005 Analyzed: 01/21/2005 00:38

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	976	973	1000	97.6	97.3	0.3	60-130	25		
Surrogates(s)										
o-Terphenyl	18.8	18.5	20.0	93.9	92.5		60-130	0		

SEVERN TRENT STL

Submission: 2005-01-0327

Diesel

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

SEVERN TRENT STL

Submission: 2005-01-0327

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-1	01/11/2005 10:55	Water	1
U-2	01/11/2005 11:10	Water	2
U-3	01/11/2005 10:17	Water	3
MW-4	01/11/2005 10:38	Water	4
MW-5	01/11/2005 09:48	Water	5

Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 5030B
Sample ID: **U-1**
Sampled: 01/11/2005 10:55
Matrix: Water

Test(s): 8260B
Lab ID: 2005-01-0327 - 1
Extracted: 1/20/2005 19:43
QC Batch#: 2005/01/20-2B.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	5000	50	ug/L	1.00	01/20/2005 19:43	
Benzene	0.59	0.50	ug/L	1.00	01/20/2005 19:43	
Toluene	ND	0.50	ug/L	1.00	01/20/2005 19:43	
Ethylbenzene	7.8	0.50	ug/L	1.00	01/20/2005 19:43	
Total xylenes	ND	1.0	ug/L	1.00	01/20/2005 19:43	
tert-Butyl alcohol (TBA)	5.2	5.0	ug/L	1.00	01/20/2005 19:43	
Methyl tert-butyl ether (MTBE)	4.2	0.50	ug/L	1.00	01/20/2005 19:43	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/20/2005 19:43	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/20/2005 19:43	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/20/2005 19:43	
1,2-DCA	ND	0.50	ug/L	1.00	01/20/2005 19:43	
EDB	ND	0.50	ug/L	1.00	01/20/2005 19:43	
Ethanol	ND	50	ug/L	1.00	01/20/2005 19:43	
Surrogate(s)						
1,2-Dichloroethane-d4	89.0	73-130	%	1.00	01/20/2005 19:43	
Toluene-d8	103.3	81-114	%	1.00	01/20/2005 19:43	

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: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**U-2**	Lab ID:	2005-01-0327 - 2
Sampled:	01/11/2005 11:10	Extracted:	1/20/2005 18:40 1/20/2005 21:00
Matrix:	Water	QC Batch#:	2005/01/20-01.07 2005/01/20-2C.65

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	5800	500	ug/L	10.00	01/20/2005 21:00	
Benzene	0.99	0.50	ug/L	1.00	01/20/2005 18:40	
Toluene	2.5	0.50	ug/L	1.00	01/20/2005 18:40	
Ethylbenzene	5.4	0.50	ug/L	1.00	01/20/2005 18:40	
Total xylenes	5.1	1.0	ug/L	1.00	01/20/2005 18:40	
tert-Butyl alcohol (TBA)	ND	50	ug/L	10.00	01/20/2005 21:00	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	10.00	01/20/2005 21:00	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	10.00	01/20/2005 21:00	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/L	10.00	01/20/2005 21:00	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/L	10.00	01/20/2005 21:00	
1,2-DCA	ND	5.0	ug/L	10.00	01/20/2005 21:00	
EDB	ND	5.0	ug/L	10.00	01/20/2005 21:00	
Ethanol	ND	500	ug/L	10.00	01/20/2005 21:00	
Surrogate(s)						
1,2-Dichloroethane-d4	103.6	73-130	%	1.00	01/20/2005 18:40	
1,2-Dichloroethane-d4	95.4	73-130	%	10.00	01/20/2005 21:00	
Toluene-d8	99.0	81-114	%	10.00	01/20/2005 21:00	
Toluene-d8	103.5	81-114	%	1.00	01/20/2005 18:40	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**U-3**	Lab ID:	2005-01-0327 - 3
Sampled:	01/11/2005 10:17	Extracted:	1/20/2005 21:27
Matrix:	Water	QC Batch#:	2005/01/20-2C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	52	50	ug/L	1.00	01/20/2005 21:27	
Benzene	ND	0.50	ug/L	1.00	01/20/2005 21:27	
Toluene	ND	0.50	ug/L	1.00	01/20/2005 21:27	
Ethylbenzene	ND	0.50	ug/L	1.00	01/20/2005 21:27	
Total xylenes	ND	1.0	ug/L	1.00	01/20/2005 21:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/20/2005 21:27	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/20/2005 21:27	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/20/2005 21:27	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/20/2005 21:27	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/20/2005 21:27	
1,2-DCA	ND	0.50	ug/L	1.00	01/20/2005 21:27	
EDB	ND	0.50	ug/L	1.00	01/20/2005 21:27	
Ethanol	ND	50	ug/L	1.00	01/20/2005 21:27	
Surrogate(s)						
1,2-Dichloroethane-d4	100.5	73-130	%	1.00	01/20/2005 21:27	
Toluene-d8	96.3	81-114	%	1.00	01/20/2005 21:27	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 01/11/2005 10:38
Matrix: Water

Test(s): 8260B
Lab ID: 2005-01-0327 - 4
Extracted: 1/20/2005 21:51
QC Batch#: 2005/01/20-2C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	460	50	ug/L	1.00	01/20/2005 21:51	
Benzene	ND	0.50	ug/L	1.00	01/20/2005 21:51	
Toluene	ND	0.50	ug/L	1.00	01/20/2005 21:51	
Ethylbenzene	ND	0.50	ug/L	1.00	01/20/2005 21:51	
Total xylenes	ND	1.0	ug/L	1.00	01/20/2005 21:51	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/20/2005 21:51	
Methyl tert-butyl ether (MTBE)	0.87	0.50	ug/L	1.00	01/20/2005 21:51	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/20/2005 21:51	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/20/2005 21:51	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/20/2005 21:51	
1,2-DCA	ND	0.50	ug/L	1.00	01/20/2005 21:51	
EDB	ND	0.50	ug/L	1.00	01/20/2005 21:51	
Ethanol	ND	50	ug/L	1.00	01/20/2005 21:51	
Surrogate(s)						
1,2-Dichloroethane-d4	100.2	73-130	%	1.00	01/20/2005 21:51	
Toluene-d8	101.3	81-114	%	1.00	01/20/2005 21:51	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 5030B
Test(s): 8260B
Sample ID: **MW-5**
Lab ID: 2005-01-0327 - 5
Sampled: 01/11/2005 09:48
Extracted: 1/20/2005 22:17
Matrix: Water
QC Batch#: 2005/01/20-2C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	01/20/2005 22:17	
Benzene	ND	0.50	ug/L	1.00	01/20/2005 22:17	
Toluene	ND	0.50	ug/L	1.00	01/20/2005 22:17	
Ethylbenzene	ND	0.50	ug/L	1.00	01/20/2005 22:17	
Total xylenes	ND	1.0	ug/L	1.00	01/20/2005 22:17	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/20/2005 22:17	
Methyl tert-butyl ether (MTBE)	0.64	0.50	ug/L	1.00	01/20/2005 22:17	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/20/2005 22:17	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/20/2005 22:17	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/20/2005 22:17	
1,2-DCA	ND	0.50	ug/L	1.00	01/20/2005 22:17	
EDB	ND	0.50	ug/L	1.00	01/20/2005 22:17	
Ethanol	ND	50	ug/L	1.00	01/20/2005 22:17	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	73-130	%	1.00	01/20/2005 22:17	
Toluene-d8	95.6	81-114	%	1.00	01/20/2005 22:17	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/01/20-01.07-003

Water

Test(s): 8260B
QC Batch # 2005/01/20-01.07
Date Extracted: 01/20/2005 15:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.5	ug/L	01/20/2005 15:56	
Toluene	ND	0.5	ug/L	01/20/2005 15:56	
Ethylbenzene	ND	0.5	ug/L	01/20/2005 15:56	
Total xylenes	ND	1.0	ug/L	01/20/2005 15:56	
Surrogates(s)					
1,2-Dichloroethane-d4	98.2	73-130	%	01/20/2005 15:56	
Toluene-d8	103.0	81-114	%	01/20/2005 15:56	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/01/20-2B.65**

MB: 2005/01/20-2B.65-020 — Date Extracted: 01/20/2005 18:20

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	01/20/2005 18:20	
Benzene	ND	0.5	ug/L	01/20/2005 18:20	
Toluene	ND	0.5	ug/L	01/20/2005 18:20	
Ethylbenzene	ND	0.5	ug/L	01/20/2005 18:20	
Total xylenes	ND	1.0	ug/L	01/20/2005 18:20	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/20/2005 18:20	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/20/2005 18:20	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	01/20/2005 18:20	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	01/20/2005 18:20	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	01/20/2005 18:20	
1,2-DCA	ND	0.5	ug/L	01/20/2005 18:20	
EDB	ND	0.5	ug/L	01/20/2005 18:20	
Ethanol	ND	50	ug/L	01/20/2005 18:20	
Surrogates(s)					
1,2-Dichloroethane-d4	92.8	73-130	%	01/20/2005 18:20	
Toluene-d8	96.2	81-114	%	01/20/2005 18:20	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/01/20-2C.65-020

Water

Test(s): 8260B
QC Batch # 2005/01/20-2C.65
Date Extracted: 01/20/2005 18:20

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	01/20/2005 18:20	
Benzene	ND	0.5	ug/L	01/20/2005 18:20	
Toluene	ND	0.5	ug/L	01/20/2005 18:20	
Ethylbenzene	ND	0.5	ug/L	01/20/2005 18:20	
Total xylenes	ND	1.0	ug/L	01/20/2005 18:20	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/20/2005 18:20	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/20/2005 18:20	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	01/20/2005 18:20	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	01/20/2005 18:20	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	01/20/2005 18:20	
1,2-DCA	ND	0.5	ug/L	01/20/2005 18:20	
EDB	ND	0.5	ug/L	01/20/2005 18:20	
Ethanol	ND	50	ug/L	01/20/2005 18:20	
Surrogates(s)					
1,2-Dichloroethane-d4	92.8	73-130	%	01/20/2005 18:20	
Toluene-d8	96.2	81-114	%	01/20/2005 18:20	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/01/20-01.07**

LCS 2005/01/20-01.07-002 Extracted: 01/20/2005 Analyzed: 01/20/2005 15:25
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	19.9		25.0	79.6			69-129	20		
Toluene	21.7		25.0	86.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	497		500	99.4			73-130			
Toluene-d8	520		500	104.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/01/20-2B.65**

LCS 2005/01/20-2B.65-055 Extracted: 01/20/2005 Analyzed: 01/20/2005 17:55
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1		25	100.4			65-165	20		
Benzene	23.6		25	94.4			69-129	20		
Toluene	24.1		25	96.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	396		500	79.2			73-130			
Toluene-d8	488		500	97.6			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/01/20-2C.65**

LCS 2005/01/20-2C.65-055 Extracted: 01/20/2005 Analyzed: 01/20/2005 17:55
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1		25	100.4			65-165	20		
Benzene	23.6		25	94.4			69-129	20		
Toluene	24.1		25	96.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	396		500	79.2			73-130			
Toluene-d8	488		500	97.6			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/01/20-01.07**

U-2 >> MS

Lab ID: 2005-01-0327 - 002

MS: 2005/01/20-01.07-005 Extracted: 01/20/2005 Analyzed: 01/20/2005 19:10
Dilution: 1.00

MSD: 2005/01/20-01.07-006 Extracted: 01/20/2005 Analyzed: 01/20/2005 19:41
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	19.6	22.9	0.988	25.0	74.4	87.6	16.3	69-129	20		
Toluene	22.4	25.4	2.54	25.0	79.4	91.4	14.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	527	549		500	105.4	109.8		73-130			
Toluene-d8	519	522		500	103.8	104.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/01/20-2B.65**

U-1 >> MS

Lab ID: 2005-01-0327 - 001

MS: 2005/01/20-2B.65-009 Extracted: 01/20/2005 Analyzed: 01/20/2005 20:09

Dilution: 1.00

MSD: 2005/01/20-2B.65-035 Extracted: 01/20/2005 Analyzed: 01/20/2005 20:35

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	32.2	26.7	4.17	25	112.1	90.1	21.8	65-165	20		R1
Benzene	26.2	23.1	0.589	25	102.4	90.0	12.9	69-129	20		
Toluene	27.3	23.6	ND	25	109.2	94.4	14.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	378	374		500	75.6	74.8		73-130			
Toluene-d8	493	512		500	98.6	102.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/01/20-2C.65**

U-1 >> MS

Lab ID: 2005-01-0327 - 001

MS: 2005/01/20-2C.65-009 Extracted: 01/20/2005 Analyzed: 01/20/2005 20:09

Dilution: 1.00

MSD: 2005/01/20-2C.65-035 Extracted: 01/20/2005 Analyzed: 01/20/2005 20:35

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	32.2	26.7	4.17	25	112.1	90.1	21.8	65-165	20		R1
Benzene	26.2	23.1	0.589	25	102.4	90.0	12.9	69-129	20		
Toluene	27.3	23.6	ND	25	109.2	94.4	14.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	378	374		500	75.6	74.8		73-130			
Toluene-d8	493	512		500	98.6	102.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Legend and Notes

Analysis Flag

L2

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

Result Flag

R1

Analyte RPD was out of QC limits.

SEVERN TRENT STL

Submission: 2005-01-0327

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-1	01/11/2005 10:55	Water	1
U-2	01/11/2005 11:10	Water	2
MW-4	01/11/2005 10:38	Water	4

SEVERN TRENT STL

Submission: 2005-01-0327

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Sample ID: **U-1**
Sampled: 01/11/2005 10:55
Matrix: Water

Test(s): 8015M
Lab ID: 2005-01-0327 - 1
Extracted: 1/26/2005 17:30
QC Batch#: 2005/01/26-6A.10

Analysis Flag: H1 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1500	50	ug/L	1.00	01/28/2005 00:15	Q2
Surrogate(s)						
o-Terphenyl	80.4	60-130	%	1.00	01/28/2005 00:15	

Diesel with Silica Gel Clean-up

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Project: 41050001/FA20
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Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **U-2**
Lab ID: 2005-01-0327 - 2
Sampled: 01/11/2005 11:10
Extracted: 1/26/2005 17:30
Matrix: Water
QC Batch#: 2005/01/26-6A.10
Analysis Flag: H1 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1100	50	ug/L	1.00	01/28/2005 00:43	Q2
Surrogate(s)						
o-Terphenyl	84.2	60-130	%	1.00	01/28/2005 00:43	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Prep(s): 3510/8015M
Test(s): 8015M

Sample ID: **MW-4**
Lab ID: 2005-01-0327 - 4

Sampled: 01/11/2005 10:38
Extracted: 1/26/2005 17:30

Matrix: Water
QC Batch#: 2005/01/26-6A.10

Analysis Flag: H1 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	85	50	ug/L	1.00	01/28/2005 01:10	Q2
Surrogate(s)						
o-Terphenyl	65.1	60-130	%	1.00	01/28/2005 01:10	

Diesel with Silica Gel Clean-up

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2005/01/26-6A.10-001

Water

Test(s): 8015M
QC Batch # 2005/01/26-6A.10
Date Extracted: 01/26/2005 17:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	01/27/2005 22:53	
Surrogates(s)					
o-Terphenyl	95.6	50-120	%	01/27/2005 22:53	

Diesel with Silica Gel Clean-up

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2005/01/26-6A.10**

LCS 2005/01/26-6A.10-002 Extracted: 01/26/2005 Analyzed: 01/27/2005 23:20
LCSD 2005/01/26-6A.10-003 Extracted: 01/26/2005 Analyzed: 01/27/2005 23:47

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	909	945	1000	90.9	94.5	3.9	60-130	25		
Surrogates(s)										
o-Terphenyl	18.8	19.8	20.0	94.0	99.2		50-120			

Diesel with Silica Gel Clean-up

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Project: 41050001/FA20
Conoco Phillips #7176

Received: 01/12/2005 17:39

Site: 7850 Amador Valley Blvd.

Legend and Notes

Analysis Flag

H1

Extracted out of holding time.

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

ConocoPhillips Chain Of Custody Record

99465

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 [illegible] CA [illegible]04

2005-01-0327

ConocoPhillips Work Order Number: 1635TRC501

ConocoPhillips Cost Object:

DATE: 1-11-05

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7176	GLOBAL ID NO.: T0600101883
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 7850 Amador Valley blvd	CONOCOPHILLIPS SITE MANAGER: Thomas Kosel
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
TELEPHONE: 949-341-7440	FAX: 949-753-0111	E-MAIL: afarfan@trcsolutions.com	E-MAIL:
SAMPLER NAME(S) (Print): Alex / Anthony	CONSULTANT PROJECT NUMBER: 41050001/FA20		LAB USE ONLY

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

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

run TPH-D with silica Gel Cleanup on Hits

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPH-D by 8015M	TPPH by 8260B	btex/mtbe by 8260B	8 Oxys by 8260B
	U1	1-11	10:55	GW	4									✓	✓	✓	✓
	U2	1-11	11:10														
	U3	1-11	10:17														
	MW-4	1-11	10:38														
	MW-5	1-11	9:48	↓	↓									↓	↓	↓	↓

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

TEMPERATURE ON RECEIPT C° 2

1 500mL amber unpreserved

3 voas w/HCl

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Anthony Thomson	refrigerated	1-11-05	12:10
		1/12/05	0907
1/12/05 1738		1/12/05	17:39

9/19/03 Revision

STATEMENTS

Purge Water Disposal

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

Limitations

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