ConocoPhillips
76 Broadway
Sacramento, California 95818

April 26, 2007

Mr. Barney Chan
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Report
Fourth Quarter 2006 - First Quarter – 2007
Request for Closure Review
76 Service Station #7176
7850 Amador Valley Boulevard
Dublin, California

Dear Mr. Chan:

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 Kosel
Risk Management & Remediation

Attachment

April 27, 2007

Mr. Barney Chan
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

DELTA

Re: Semi-Annual Summary Report – Fourth Quarter 2006 through First Quarter 2007
Request for Closure Review
Delta Project No. C1Q-7176-603

Dear Mr. Chan:

On behalf of ConocoPhillips Company (COP), Delta Environmental Consultants, Inc. (Delta) is submitting the Semi-Annual Summary Report – Fourth Quarter 2006 through First Quarter 2007 and forwarding a copy of TRC's *Semi-Annual Monitoring Report, October 2006 through March 2007,* dated March 26, 2007, for the following location:

Service Station	**Location**
76 Service Station No. 7176	7850 Amador Valley Boulevard Dublin, California

Sincerely,
Delta Consultants

Dennis S. Dettloff, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7480

PROFESSIONAL GEOLOGIST
DENNIS SHANNON DETTLOFF
No. 7480
STATE OF CALIFORNIA

cc: Ms. Shelby Lathrop, ConocoPhillips (electronic copy)

SEMI-ANNUAL SUMMARY REPORT
Fourth Quarter 2006 through First Quarter 2007
Request for Closure Review
76 Service Station No. 7176
7850 Amador Valley Road
Dublin, California

PREVIOUS ASSESSMENT

November 1994 - Unocal Corporation (Unocal) replaced the fuel underground storage tanks (USTs), removed the used-oil UST and associated product piping, and removed the oil/water separator. 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 on-site monitor wells (U1 through U3) were installed.

March 1998 - Tosco Marketing Company (Tosco, now ConocoPhillips) conducted an off-site soil and groundwater investigation that included the installation of two off-site 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 advanced. The site data is documented in the December 10, 2004 *Limited Phase II Environmental Site Assessment* report. Based on the report of findings, residual concentrations of total petroleum hydrocarbons as diesel (TPH-D) (7.1 mg/kg) were reported in the vicinity of SB-3. Dissolved hydrocarbon concentrations were reported in each soil boring with the exception of SB-4. Maximum concentrations were reported as follows: TPH-D [1,100 micrograms per liter (µg/L) in SB-1], total petroleum hydrocarbons as gasoline (TPH-G) (9,700 µg/L in SB-3) and methyl tertiary butyl ether (MTBE) (3.0 µg/L in SB-1). Benzene was not reported above the laboratories indicated reporting limit of 2.5 µg/L.

January 2005 – ATC became the new site lead consultant.

September 2005 – Site environmental consulting responsibilities were transferred to Delta Consultants.

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 and field groundwater receptor surveys.

GROUNDWATER MONITORING AND SAMPLING

This site is monitored and sampled on a semi-annual basis. During the most recent groundwater monitoring and sampling event, conducted on February 16, 2007, depth

to groundwater ranged from 15.13 feet (MW-5) to 17.71 feet (U-3) below top of casing (TOC). The groundwater flow direction was interpreted to be to the southeast at a gradient of 0.004 foot per foot (ft/ft). Historic groundwater flow directions are shown on a rose diagram presented as Attachment A.

Contaminants of Concern:

- **TPH-G:** TPHg was reported above the laboratories indicated reporting limit in monitoring wells MW-4, U-1, and U-2 at 210 µg/L, 3,700 µg/L, and 1,500 µg/L, respectively.

- **Benzene:** Benzene was not reported above the laboratories indicated reporting limit in any of the monitoring wells during the February 2007 monitoring and sampling event.

- **MTBE:** MTBE was reported above the laboratories indicated reporting limit in monitoring wells MW-4, U-1, and U-2 at 1.0 µg/L, 2.4 µg/L, and 1.2 µg/L, respectively.

In addition, ethyl-benzene and total xylenes were reported above the laboratories indicated reporting limit in monitoring well U-1 at 3.1 µg/L and 0.81 µg/L, respectively. TPH-D was reported above the laboratories indicated reporting limit in monitoring wells MW-4, U-1, and U-2 at 66 µg/L, 2,000 µg/L, and 200 µg/L, respectively. All other constituents were not reported above the laboratories indicated reporting limits in the monitoring wells during the February 2007 monitoring and sampling event.

REMEDIATION STATUS

Approximately 5,000 gallons of groundwater were removed from the fuel UST excavation 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

Hydrocarbon concentrations in the groundwater are limited to an area surrounding the UST cavity and dispenser islands.

Contaminants of concern benzene and MTBE are not present above State of California drinking water standards. Analytical data collected during the most recent groundwater monitoring and sampling event indicate that MTBE concentrations in the groundwater are below the Secondary Maximum Contaminant Level (MCL) of 5.0 µg/L. Benzene concentrations are below the laboratories indicated reporting limit.

Based on the data collected during groundwater monitoring and sampling activities at the site it appears that TPH-G and TPH-D concentrations in the groundwater are stable or decreasing.

In addition, the groundwater gradient at the site is, on average, 0.005 ft/ft. This is relatively flat and indicates that the petroleum hydrocarbon plume is not likely to migrate far off-site.

REQUEST FOR CLOSURE REVIEW

Based on the summary of analytical data, Delta requests that the site be evaluated for No Further Action. To further support a finding of low-risk and closure applicability, Delta will complete an updated sensitive receptor survey (SRS) for this site (the last SRS was conducted in August of 2000).

If the findings of the SRS indicate that no sensitive receptors are present that are at risk due to remaining petroleum hydrocarbons beneath the site, site closure is requested to be approved.

RECENT CORRESPONDENCE

No recent correspondence was documented during this reporting period.

FOURTH QUARTER 2006 THROUGH THE FIRST QUARTER 2007 ACTIVITIES

1. TRC conducted the semi-annual monitoring and sampling event at the site.

WASTE DISPOSAL SUMMARY

No waste was disposed of from the site during this reporting period.

NEXT QUARTER ACTIVITIES (Second Quarter 2007)

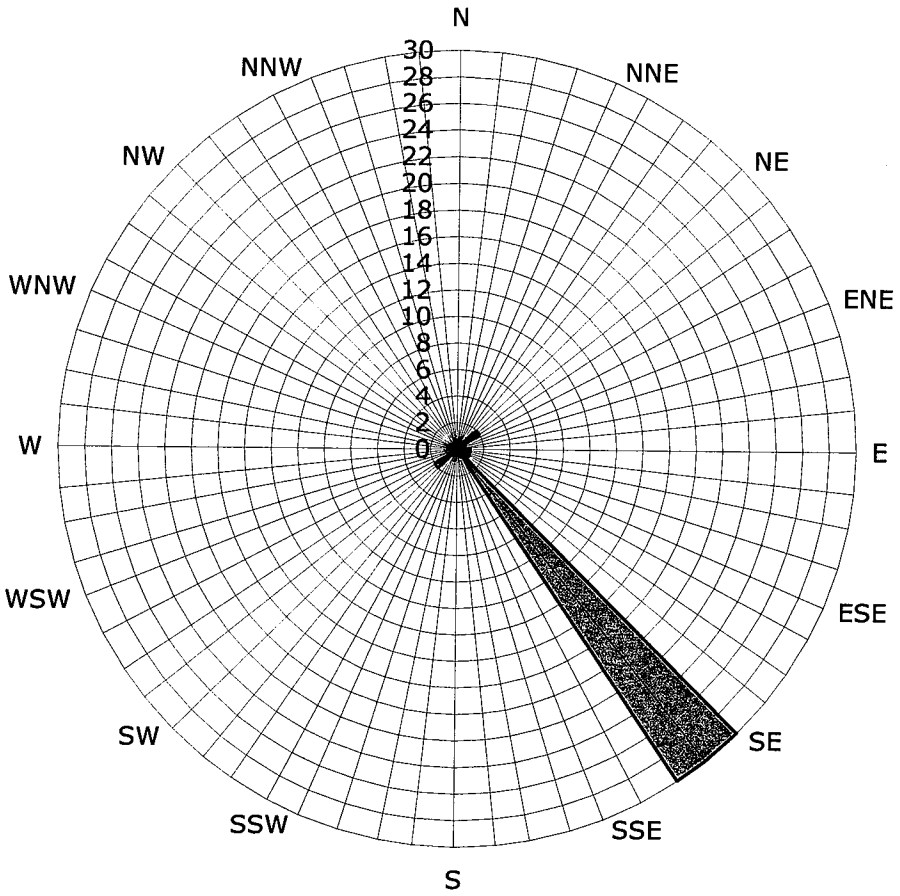
1. Delta will conduct a SRS for this site and discuss site closure requirements with Alameda County Health Agency.

CONSULTANT: Delta Consultants

Attachment A – Historic Groundwater Flow Directions

Attachment A
Historic Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 7176
7850 Amador Valley Boulevard
Dublin, California



Groundwater Flow Direction

Legend
Concentric circles represent quarterly montoring events
Fourth Quarter 1995 through First Quarter 2007
36 data points shown

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: March 30, 2007

TO: 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 2006 THROUGH MARCH 2007

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) 727-9336.

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Dennis Dettloff, Delta Environmental Consultants, Inc. (1 copy)

Enclosures
20-0400/7176R07.QMS

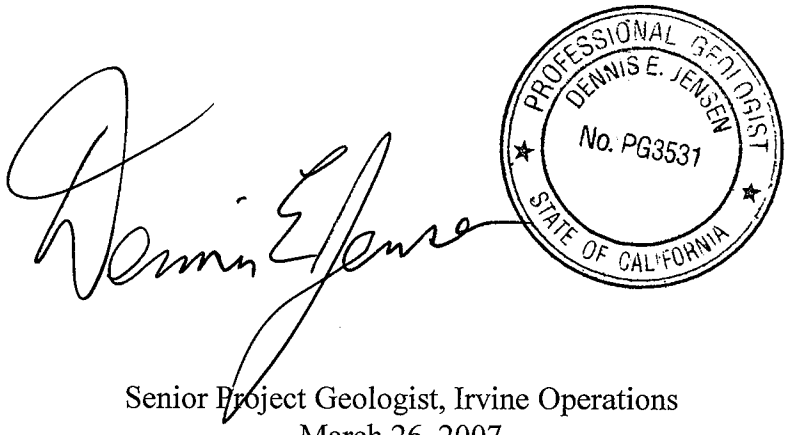
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2006 THROUGH MARCH 2007

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
March 26, 2007

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) 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 Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 2/16/07 Groundwater Sampling Field Notes – 2/16/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2006 through March 2007
76 Station 7176
7850 Amador Valley Boulevard
Dublin, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **02/16/07**

Sample Points

Groundwater wells: **3** onsite, **2** offsite Wells gauged: **5** Wells sampled: **5**
Purging method: **Diaphragm pump/bailer**
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: **15.13 feet** Maximum: **17.71 feet**
Average groundwater elevation (relative to available local datum): **340.21 feet**
Average change in groundwater elevation since previous event: **-0.27 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.004 ft/ft, southeast**
Previous event: **0.005 ft/ft, southeast (09/11/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **3** Maximum: **3,700 µg/l (U-1)**
Wells with **MTBE 8260B** **3** Maximum: **2.4 µg/l (U-1)**

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 ABBREVIATIONS

--	=	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-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for site 76 Station 7176 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 7176

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 1a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME							

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME							

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 16, 2007

76 Station 7176

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4		**(Screen Interval in feet: 10.0-25.0)**													
02/16/07	356.41	16.39	0.00	340.02	-0.23	66	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
MW-5		**(Screen Interval in feet: 10.0-25.0)**													
02/16/07	355.03	15.13	0.00	339.90	-0.22	ND<56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-1		**(Screen Interval in feet: 10.0-30.0)**													
02/16/07	355.59	15.38	0.00	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
U-2		**(Screen Interval in feet: 10.0-30.0)**													
02/16/07	356.55	16.01	0.00	340.54	-0.39	200	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
U-3		**(Screen Interval in feet: 10.0-30.0)**													
02/16/07	358.09	17.71	0.00	340.38	-0.22	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4							
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2							
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
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	1400	1000	--	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	-1.21	71	230	--	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	340	620	--	ND	1.8	2.1	ND	6	9.3	
D	04/05/99	356.41	14.61	0.00	341.80	1.78	210	--	--	--	--	--	--	--	--	
	07/01/99	356.41	15.43	0.00	340.98	-0.82	260	700	--	2.1	ND	1.9	2.4	ND	21	
D	07/01/99	356.41	15.43	0.00	340.98	-0.82	310	--	--	--	--	--	--	--	--	
	09/30/99	356.41	16.27	0.00	340.14	-0.84	420	582	--	2.6	1.30	1.98	ND	23.1	22.5	
D	09/30/99	356.41	16.27	0.00	340.14	-0.84	220	--	--	--	--	--	--	--	--	
	01/03/00	356.41	17.50	0.00	338.91	-1.23	250	800	--	4.2	4.6	3.3	11	31	17	
D	01/03/00	356.41	17.50	0.00	338.91	-1.23	260	--	--	--	--	--	--	--	--	
	04/04/00	356.41	13.91	0.00	342.50	3.59	460	710	--	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	-1.67	220	490	--	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	160	598	--	ND	1.56	4.65	ND	15.4	14	
D	10/27/00	356.41	16.96	0.00	339.45	-1.38	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	180	575	--	ND	ND	ND	ND	14.0	11.6	
D	04/03/01	356.41	15.46	0.00	340.95	1.18	ND	--	--	--	--	--	--	--	--	
	07/06/01	356.41	16.63	0.00	339.78	-1.17	230	720	--	4.7	1.5	2.5	0.74	10	7.1	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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-4 continued**															
D	07/06/01	356.41	16.63	0.00	339.78	-1.17	200	--	--	--	--	--	--	--	--	
	10/05/01	356.41	17.38	0.00	339.03	-0.75	180	650	--	4.3	1.2	1.1	1.8	5.9	5.4	
D	10/05/01	356.41	17.38	0.00	339.03	-0.75	140	--	--	--	--	--	--	--	--	
	01/03/02	356.41	15.10	0.00	341.31	2.28	390	340	--	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	2.28	360	--	--	--	--	--	--	--	--	
	04/01/02	356.41	14.85	0.00	341.56	0.25	160	340	--	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	130	--	280	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	-0.68	97	--	--	--	--	--	--	--	--	
	01/24/03	356.41	14.52	0.00	341.89	1.01	52	--	170	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	-0.95	110	--	380	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	94	--	270	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	ND<200	--	170	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	110	--	460	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	1.69	85	--	--	--	--	--	--	--	--	
	07/08/05	356.41	14.33	0.00	342.08	0.50	67	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
D	07/08/05	356.41	14.33	0.00	342.08	0.50	67	--	--	--	--	--	--	--	--	
	01/06/06	356.41	15.59	0.00	340.82	-1.26	ND<200	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
	09/11/06	356.41	16.16	0.00	340.25	-0.57	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
	02/16/07	356.41	16.39	0.00	340.02	-0.23	66	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
	MW-5 continued															
	07/08/98	355.03	12.63	0.00	342.40	-1.48	170	ND	--	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	-0.67	60.4	50.8	--	ND	ND	ND	ND	ND	ND	
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	3.44	69	ND	--	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<51	ND<50	--	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<60	--	ND<50	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	ND<200	--	80	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
	MW-5 continued															
	07/08/05	355.03	13.24	0.00	341.79	0.50	220	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D	07/08/05	355.03	13.24	0.00	341.79	0.50	ND<50	--	--	--	--	--	--	--	--	
	01/06/06	355.03	14.33	0.00	340.70	-1.09	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	09/11/06	355.03	14.91	0.00	340.12	-0.58	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
	02/16/07	355.03	15.13	0.00	339.90	-0.22	ND<56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-1		**(Screen Interval in feet: 10.0-30.0)**														
	07/08/95	355.62	12.59	0.00	343.03	--	9400	39000	--	1500	19	1600	5200	--	--	
	10/12/95	355.62	15.38	0.00	340.24	-2.79	4200	33000	--	1400	ND	1400	3100	--	--	
	01/11/96	355.62	16.33	0.00	339.29	-0.95	8200	8300	--	690	11	680	1500	--	--	
	04/11/96	355.62	12.20	0.00	343.42	4.13	5630	3200	--	110	ND	180	290	790	--	
	07/10/96	355.62	13.84	0.00	341.78	-1.64	2200	2600	--	81	4.4	210	230	510	--	
	10/30/96	355.62	15.85	0.00	339.77	-2.01	560	2200	--	67	19	140	150	360	--	
	01/27/97	355.62	12.20	0.00	343.42	3.65	2300	4600	--	98	ND	360	290	150	--	
	04/08/97	355.62	13.46	0.00	342.16	-1.26	1300	2800	--	50	ND	220	140	ND	--	
	07/17/97	355.62	15.30	0.00	340.32	-1.84	460	2300	--	30	4.5	140	94	190	--	
	10/17/97	355.62	16.33	0.00	339.29	-1.03	510	1500	--	31	6.7	110	88	220	--	
	01/19/98	355.62	14.34	0.00	341.28	1.99	1900	3100	--	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	2000	4500	--	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	2700	10000	--	ND	ND	1200	540	--	ND	
D	01/04/99	355.59	15.35	0.00	340.24	-0.78	2500	--	--	--	--	--	--	--	--	
	04/05/99	355.59	13.64	0.00	341.95	1.71	920	4900	--	34	ND	350	150	150	55	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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-1 continued**															
D	04/05/99	355.59	13.64	0.00	341.95	1.71	570	--	--	--	--	--	--	--	--	
	07/01/99	355.59	14.39	0.00	341.20	-0.75	2700	10000	--	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	2360	7150	--	ND	ND	415	84.4	ND	195	
D	09/30/99	355.59	15.32	0.00	340.27	-0.93	1680	--	--	--	--	--	--	--	--	
	01/03/00	355.59	16.51	0.00	339.08	-1.19	2000	5400	--	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	3.62	990	4800	--	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	2800	6200	--	41	16	170	32	170	120	
D	07/14/00	355.59	14.56	0.00	341.03	-1.67	1200	--	--	--	--	--	--	--	--	
	10/27/00	355.59	15.96	0.00	339.63	-1.40	1400	3830	--	16.8	ND	68.6	7.99	55.2	38	
D	10/27/00	355.59	15.96	0.00	339.63	-1.40	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	1.26	1500	3330	--	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	1600	4300	--	23	6.4	57	6.8	58	36	
D	07/06/01	355.59	15.65	0.00	339.94	-1.19	1200	--	--	--	--	--	--	--	--	
	10/05/01	355.59	16.45	0.00	339.14	-0.80	2500	3800	--	19	ND<5.0	19	ND<5.0	64	36	
D	10/05/01	355.59	16.45	0.00	339.14	-0.80	2300	--	--	--	--	--	--	--	--	
	01/03/02	355.59	14.18	0.00	341.41	2.27	2200	4500	--	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	0.46	1800	5300	--	36	6.7	48	12	93	59	
D	04/01/02	355.59	13.72	0.00	341.87	0.46	1200	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
U-1 continued																
	07/01/02	355.59	14.61	0.00	340.98	-0.89	2100	--	3900	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	0.79	2100	--	3400	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	2100	--	7100	ND<2.5	ND<2.5	12	ND<5	13	13	
D	07/28/03	355.59	14.51	0.00	341.08	-0.69	1200	--	--	--	--	--	--	--	--	
	02/04/04	355.59	14.66	0.00	340.93	-0.15	1300	--	4000	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	400	--	2600	0.56	ND<0.5	5.3	ND<1	--	5.4	
	01/11/05	355.59	13.91	0.00	341.68	2.66	2000	--	5000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
D	01/11/05	355.59	13.91	0.00	341.68	2.66	1500	--	--	--	--	--	--	--	--	
	07/08/05	355.59	13.26	0.00	342.33	0.65	1300	--	3100	ND<0.50	ND<0.50	4.3	ND<1.0	--	2.2	
	01/06/06	355.59	14.64	0.00	340.95	-1.38	1200	--	2200	ND<0.50	ND<0.50	3.1	ND<1.0	--	2.8	
	09/11/06	355.59	15.11	0.00	340.48	-0.47	1200	--	2700	ND<0.50	ND<0.50	2.0	0.79	--	1.6	
	02/16/07	355.59	15.38	0.00	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
U-2		**(Screen Interval in feet: 10.0-30.0)**														
	07/08/95	356.59	12.68	0.00	343.91	--	4700	17000	--	430	ND	2200	590	--	--	
	10/12/95	356.59	16.01	0.00	340.58	-3.33	3600	24000	--	310	60	1900	190	--	--	
	01/11/96	356.59	17.06	0.00	339.53	-1.05	8600	10000	--	210	55	1400	240	--	--	
	04/11/96	356.59	12.75	0.00	343.84	4.31	1900	7700	--	130	27	1100	110	340	--	
	07/10/96	356.59	14.42	0.00	342.17	-1.67	2300	5600	--	59	15	610	42	250	--	
	10/30/96	356.59	16.82	0.00	339.77	-2.40	1800	7700	--	67	35	1000	54	260	--	
	01/27/97	356.59	12.91	0.00	343.68	3.91	660	1600	--	14	ND	130	7.0	100	--	
	04/08/97	356.59	14.07	0.00	342.52	-1.16	2000	4300	--	35	ND	400	16	ND	--	
	07/17/97	356.59	15.96	0.00	340.63	-1.89	1300	6200	--	17	22	410	ND	130	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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																
	10/17/97	356.59	17.03	0.00	339.56	-1.07	1400	7100	--	71	26	520	50	ND	--	
	01/19/98	356.59	15.10	0.00	341.49	1.93	2100	5300	--	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	1100	1600	--	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	-1.04	670	2200	--	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	660	4900	--	21	77	130	310	100	6.9	
D	04/05/99	356.55	14.19	0.00	342.36	1.75	490	--	--	--	--	--	--	--	--	
	07/01/99	356.55	14.98	0.00	341.57	-0.79	210	1500	--	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	-1.02	483	256	--	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	2400	3400	--	23	13	ND	44	46	14	
D	01/03/00	356.55	17.20	0.00	339.35	-1.20	1900	--	--	--	--	--	--	--	--	
	04/04/00	356.55	13.50	0.00	343.05	3.70	1000	3600	--	34	17	56	ND	59	25	
D	04/04/00	356.55	13.50	0.00	343.05	3.70	1000	--	--	--	--	--	--	--	--	
	07/14/00	356.55	15.23	0.00	341.32	-1.73	1000	3100	--	16	13	15	10	100	19	
D	07/14/00	356.55	15.23	0.00	341.32	-1.73	350	--	--	--	--	--	--	--	--	
	10/27/00	356.55	16.74	0.00	339.81	-1.51	2000	4180	--	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	1500	4290	--	32.4	9.91	20.1	ND	66.6	18.1	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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	04/03/01	356.55	15.12	0.00	341.43	1.56	830	--	--	--	--	--	--	--	--	
	07/06/01	356.55	16.32	0.00	340.23	-1.20	1400	4700	--	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	-0.83	3200	3600	--	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	2.25	2300	4600	--	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	0.52	1400	3500	--	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	ND<50	--	4500	ND<0.50	ND<0.50	5.0	1.7	--	ND<0.50	
	01/24/03	356.55	14.31	0.00	342.24	0.93	860	--	2300	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	-0.87	1300	--	5600	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	1300	--	4400	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	
	07/02/04	356.55	16.28	0.00	340.27	-0.92	380	--	5700	1.4	2.8	6.6	5.5	--	6.6	
	01/11/05	356.55	14.59	0.00	341.96	1.69	1800	--	5800	0.99	2.5	5.4	5.1	--	ND<5.0	
D	01/11/05	356.55	14.59	0.00	341.96	1.69	1100	--	--	--	--	--	--	--	--	
	07/08/05	356.55	13.97	0.00	342.58	0.62	1100	--	3000	0.56	1.9	3.0	3.2	--	5.0	
D	07/08/05	356.55	13.97	0.00	342.58	0.62	960	--	--	--	--	--	--	--	--	
	01/06/06	356.55	15.30	0.00	341.25	-1.33	1100	--	1600	ND<0.50	ND<0.50	0.97	ND<1.0	--	2.1	
	09/11/06	356.55	15.62	0.00	340.93	-0.32	790	--	2300	ND<0.50	ND<0.50	1.0	1.0	--	2.7	
	02/16/07	356.55	16.01	0.00	340.54	-0.39	200	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	

U-3 **(Screen Interval in feet: 10.0-30.0)**

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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																
	07/08/95	358.13	14.58	0.00	343.55	--	710	1100	--	0.57	2.1	1.7	2.4	--	--	
	10/12/95	358.13	17.60	0.00	340.53	-3.02	470	560	--	ND	0.87	0.7	1.1	--	--	
	01/11/96	358.13	18.65	0.00	339.48	-1.05	260	230	--	0.62	0.91	0.97	1.9	--	--	
	04/11/96	358.13	13.20	0.00	344.93	5.45	ND	68	--	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	ND	70	--	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	63	ND	--	ND	ND	ND	ND	ND	--	
	01/19/98	358.13	16.67	0.00	341.46	1.97	68	ND	--	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	80	ND	--	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	
	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through February 2007

76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (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															
04/03/01	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<52	ND<50	--	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	1500	--	ND<50	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	90	--	ND<50	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<200	--	ND<50	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	ND<50	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/08/05	358.09	15.57	0.00	342.52	0.53	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/06/06	358.09	16.94	0.00	341.15	-1.37	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/11/06	358.09	17.49	0.00	340.60	-0.55	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/16/07	358.09	17.71	0.00	340.38	-0.22	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(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<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5 continued							
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<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
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

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-1 continued							
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<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
04/01/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
07/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	5.2	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
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

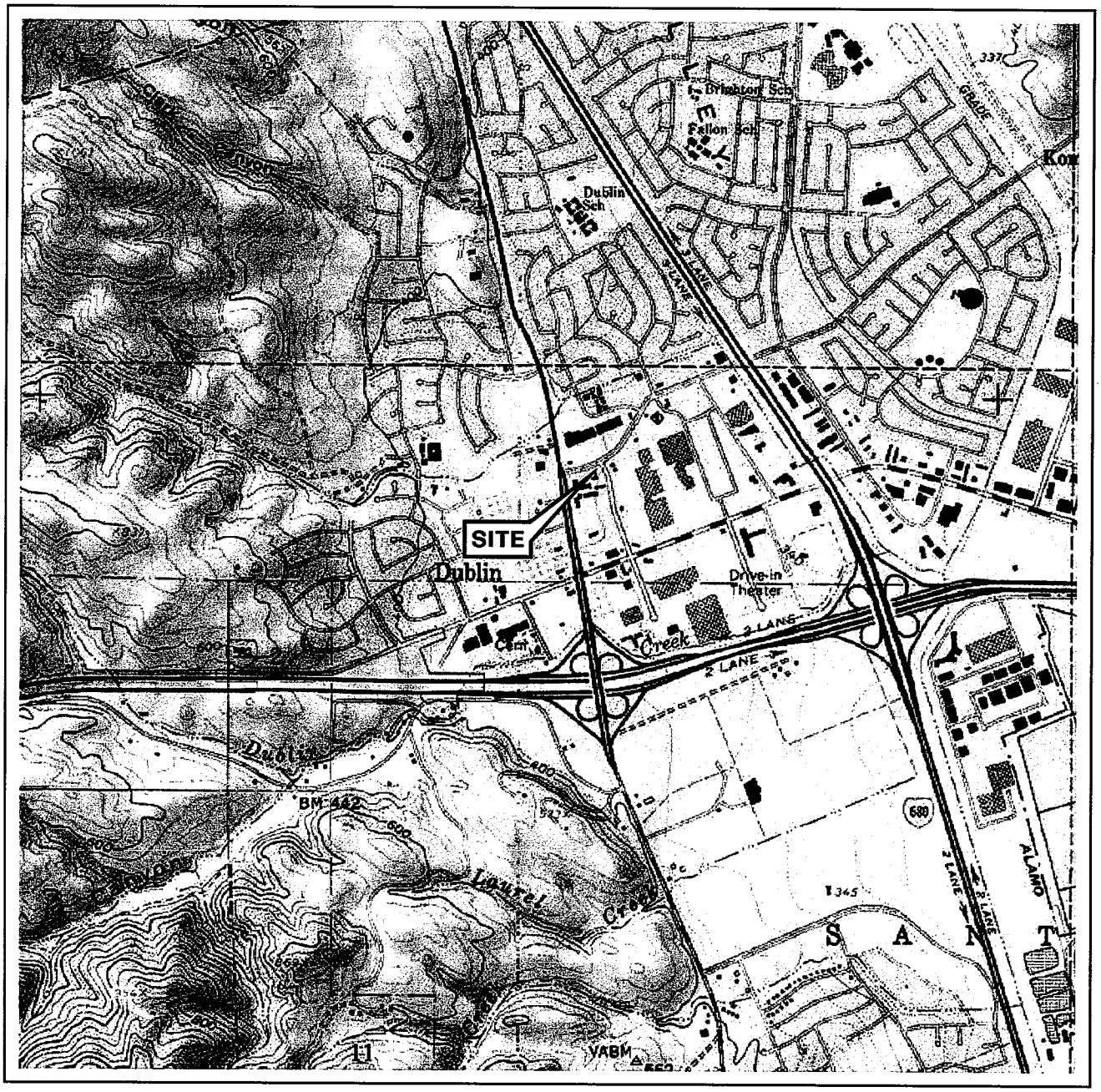
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-2 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<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
04/01/02	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
07/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
02/04/04	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0
07/08/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
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

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-3 continued							
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

FIGURES



SCALE 1: 24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

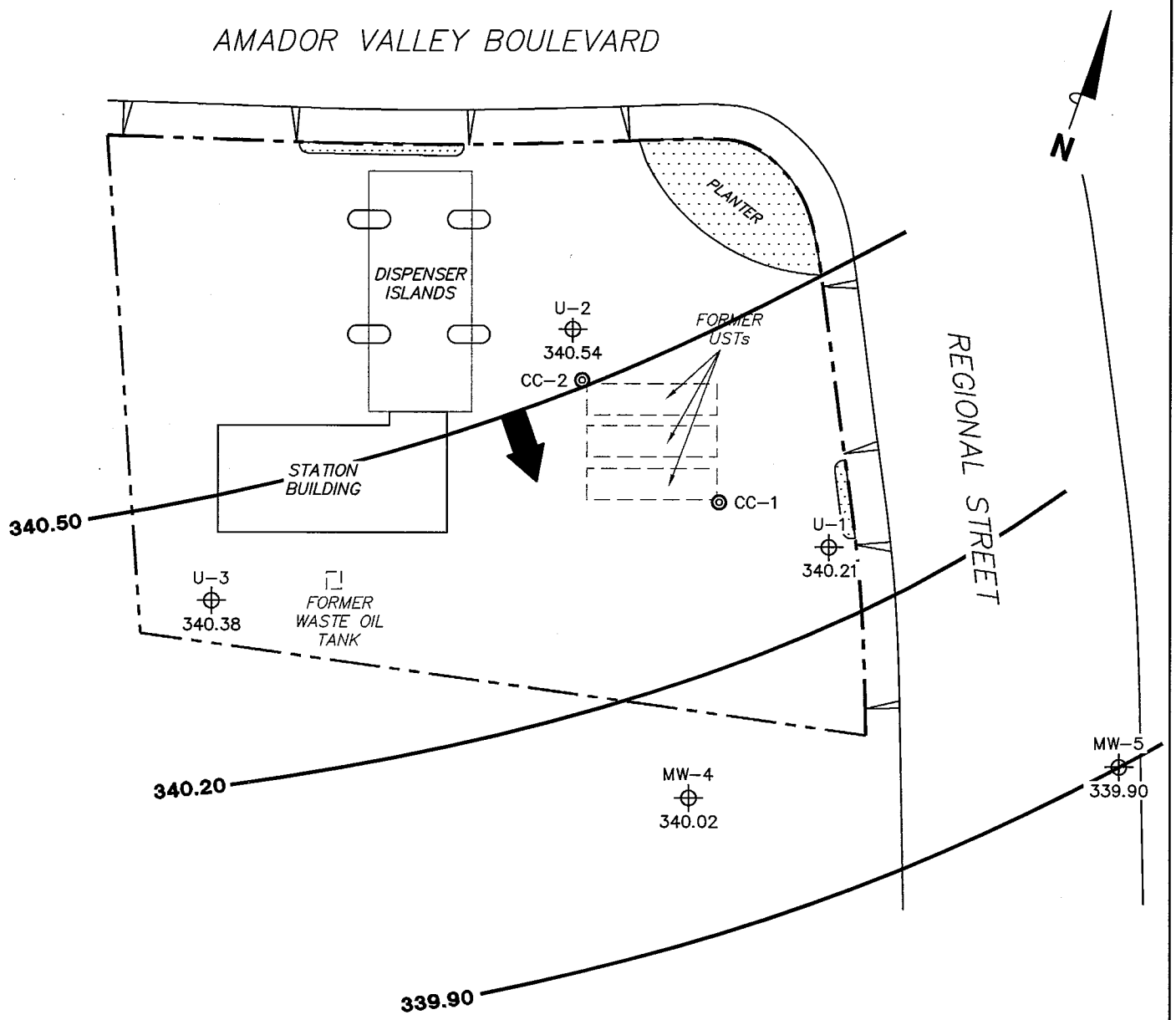
VICINITY MAP

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 1

TRC

PS = 1:1 L:\QMS VICINITY MAPS\7176vm.dwg Mar 20, 2007 - 8:48am akers



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
- 340.50 —— Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
February 16, 2007

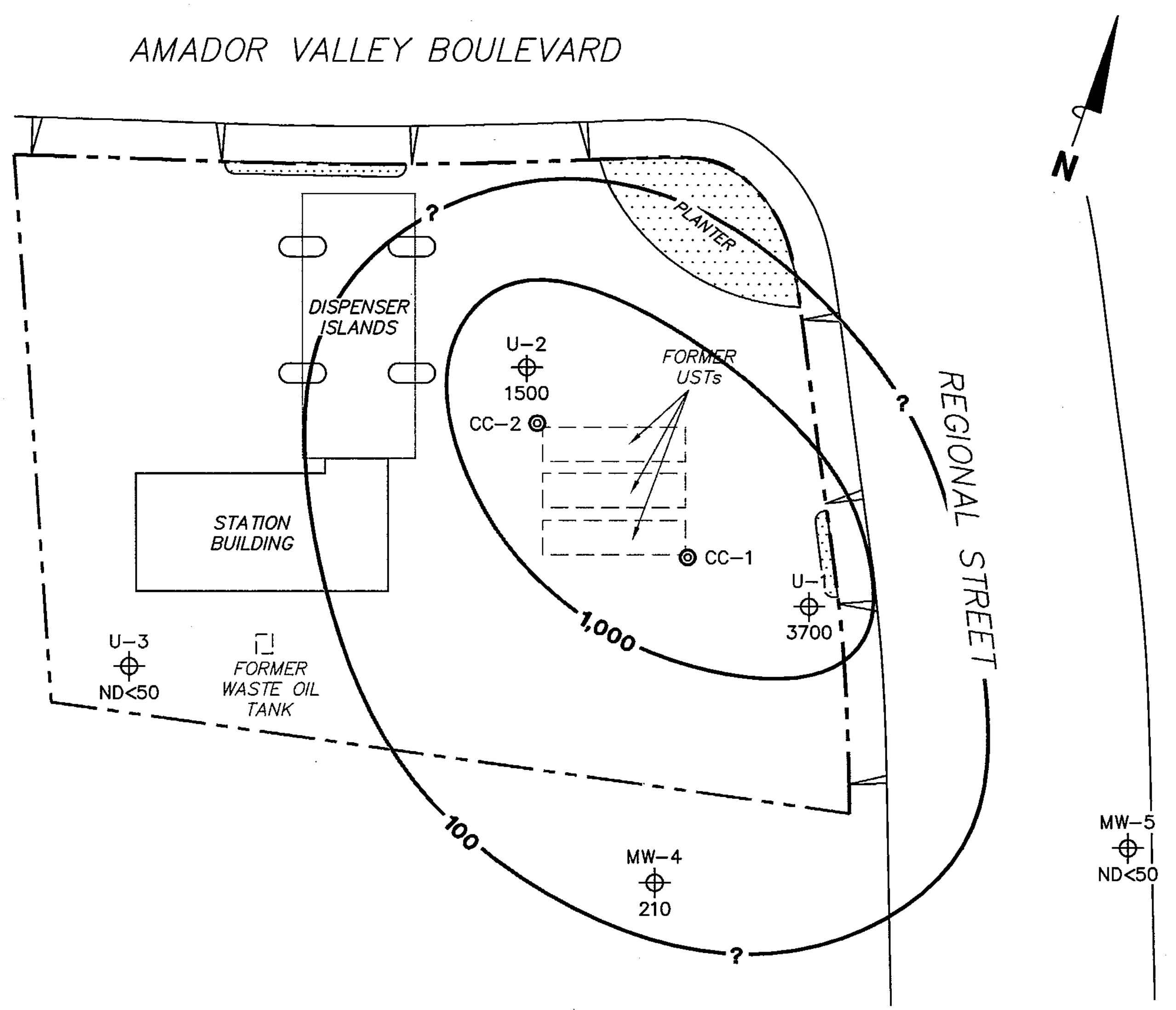
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

FIGURE 2

PS=1:1 1/16-0U5 L:\Graphics\Projectsbynumber\2U-xxxx\2U-U4UU(Unocal0MS)\X-2UUU\11b+\11b-0MS.dwg Mar 21, 2007 - 11:40am dakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

LEGEND

MW-5 ⊕ Monitoring Wellwith Dissolved-Phase TPH-G (GC/MS)Concentration (µg/l)

CC-2 ◎ Conductor Casing

—1,000— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

TRC

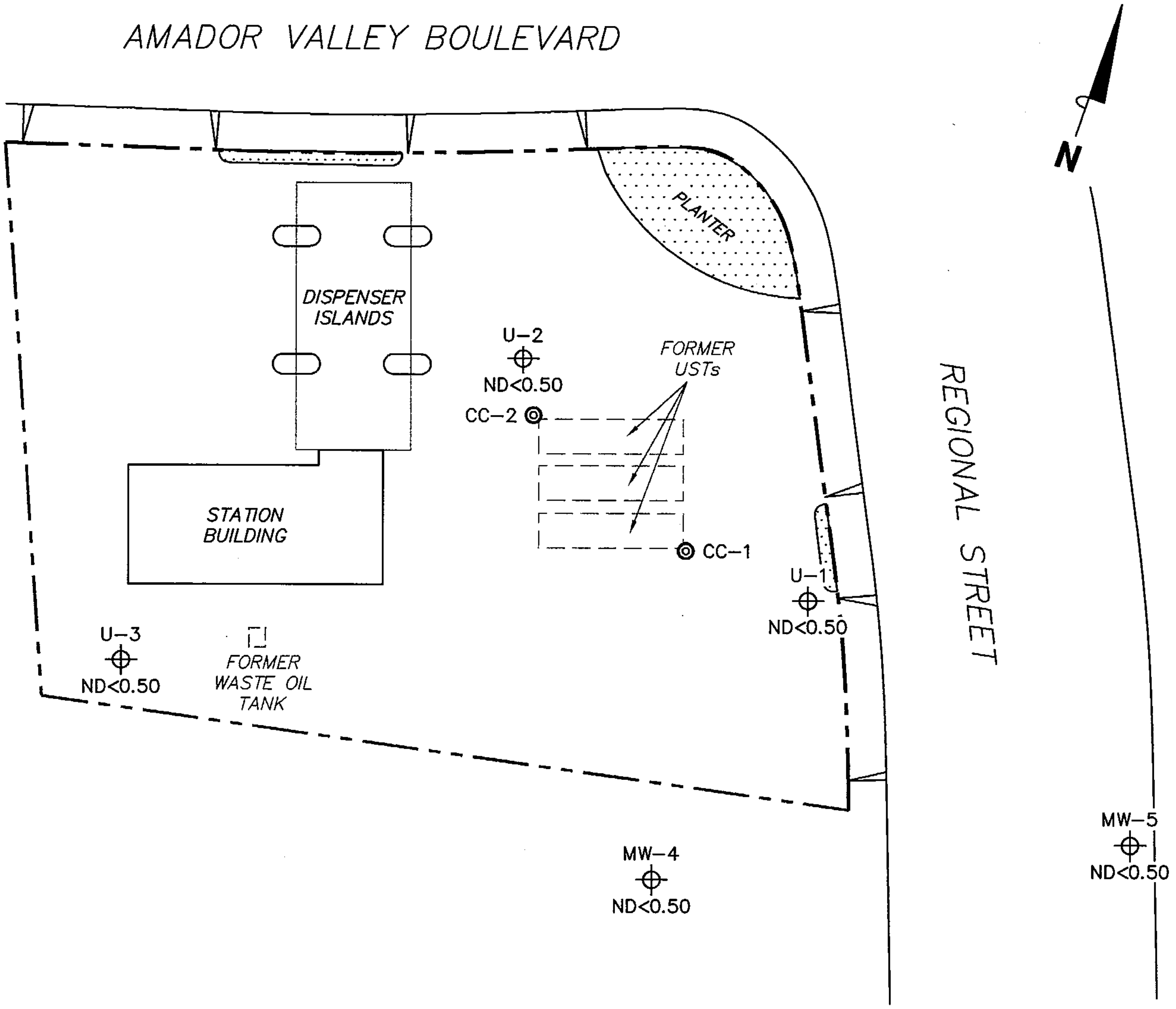
SCALE (FEET)

0 40

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP February 16, 2007

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 3



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

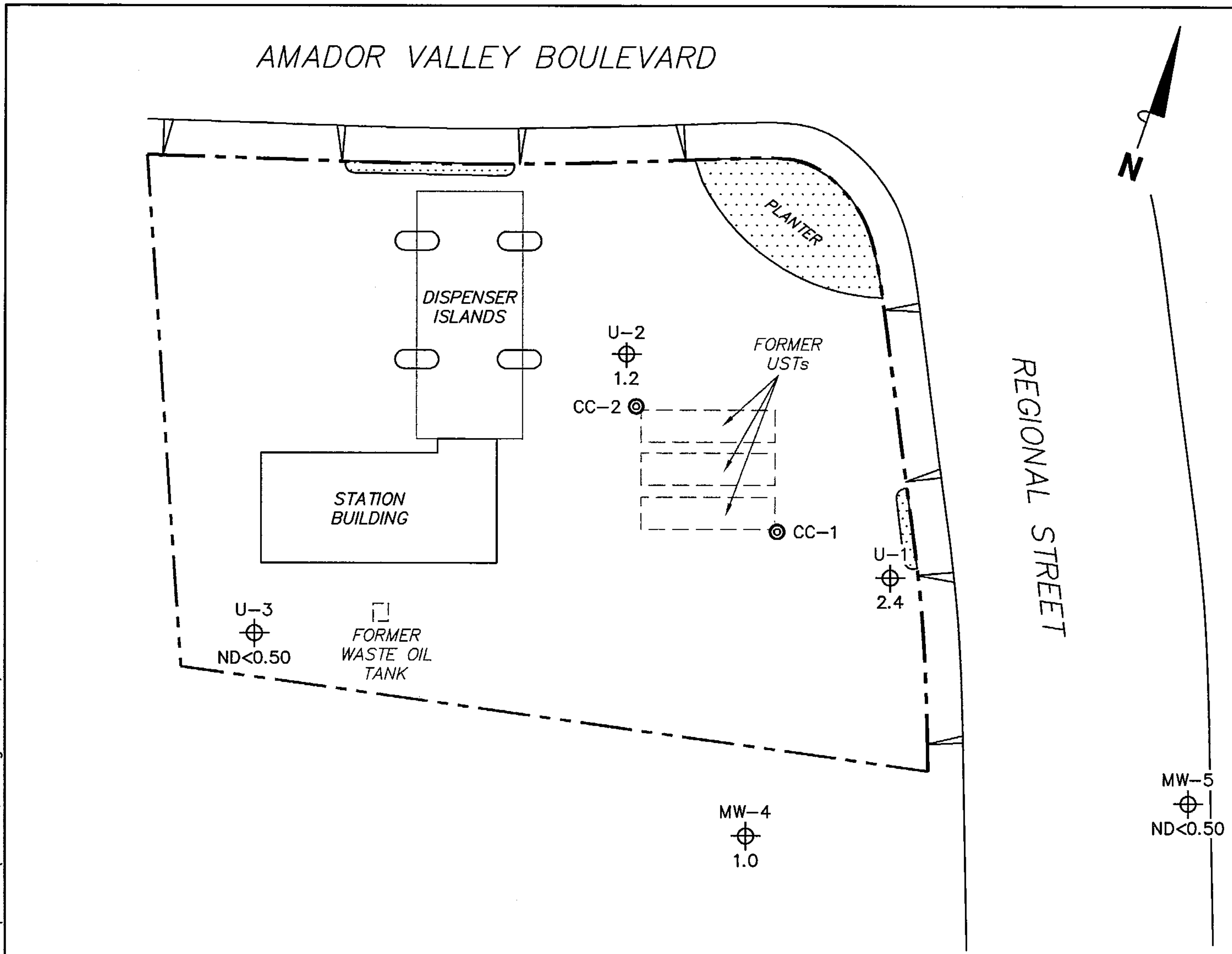
TRC

SCALE (FEET)
0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
February 16, 2007

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 4



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

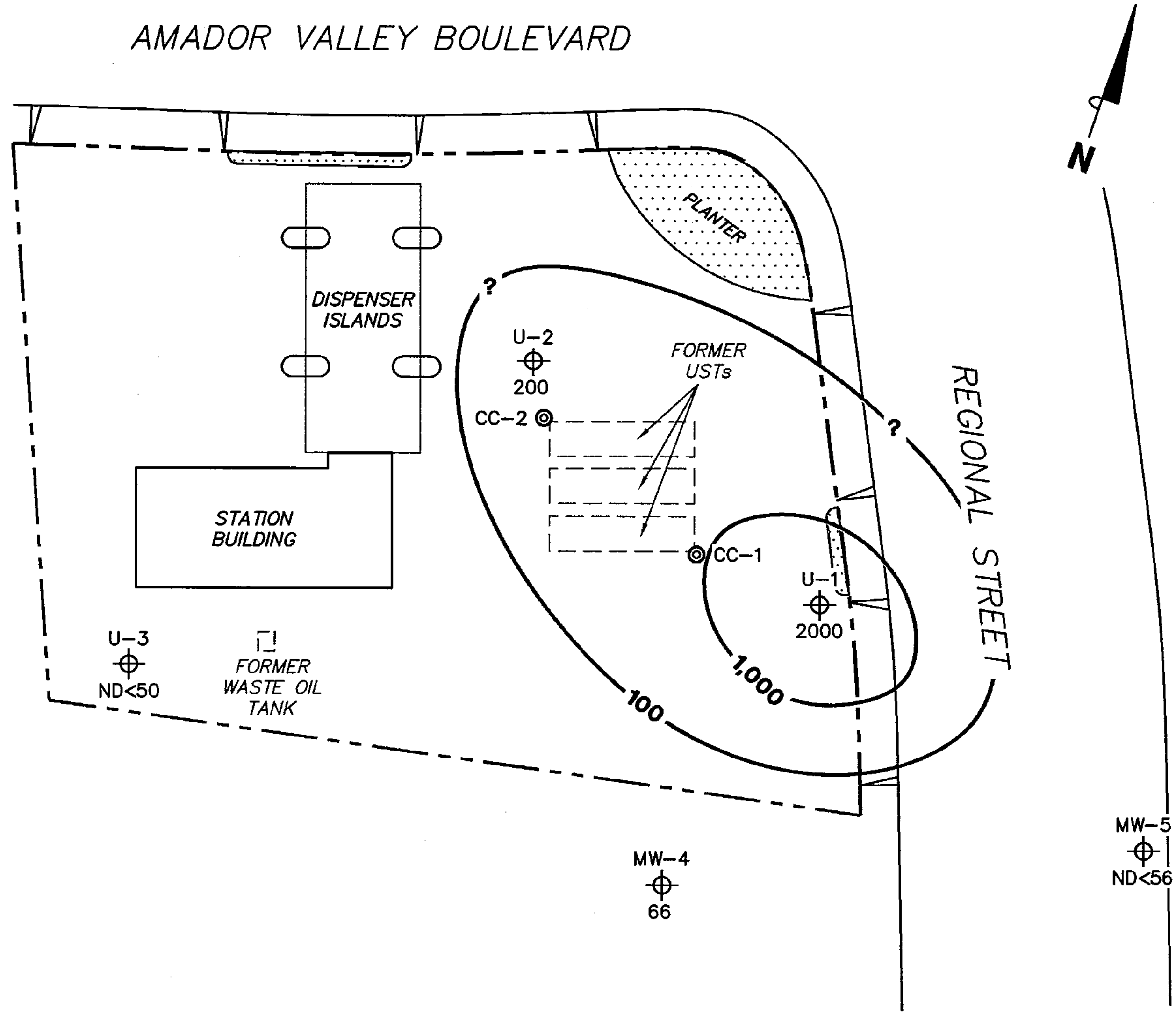
TRC

SCALE (FEET)
0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
February 16, 2007

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 5



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. Results obtained using EPA Method 8015M.

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)

TRC

SCALE (FEET)
0 40

DISSOLVED-PHASE TPH-D CONCENTRATION MAP
February 16, 2007

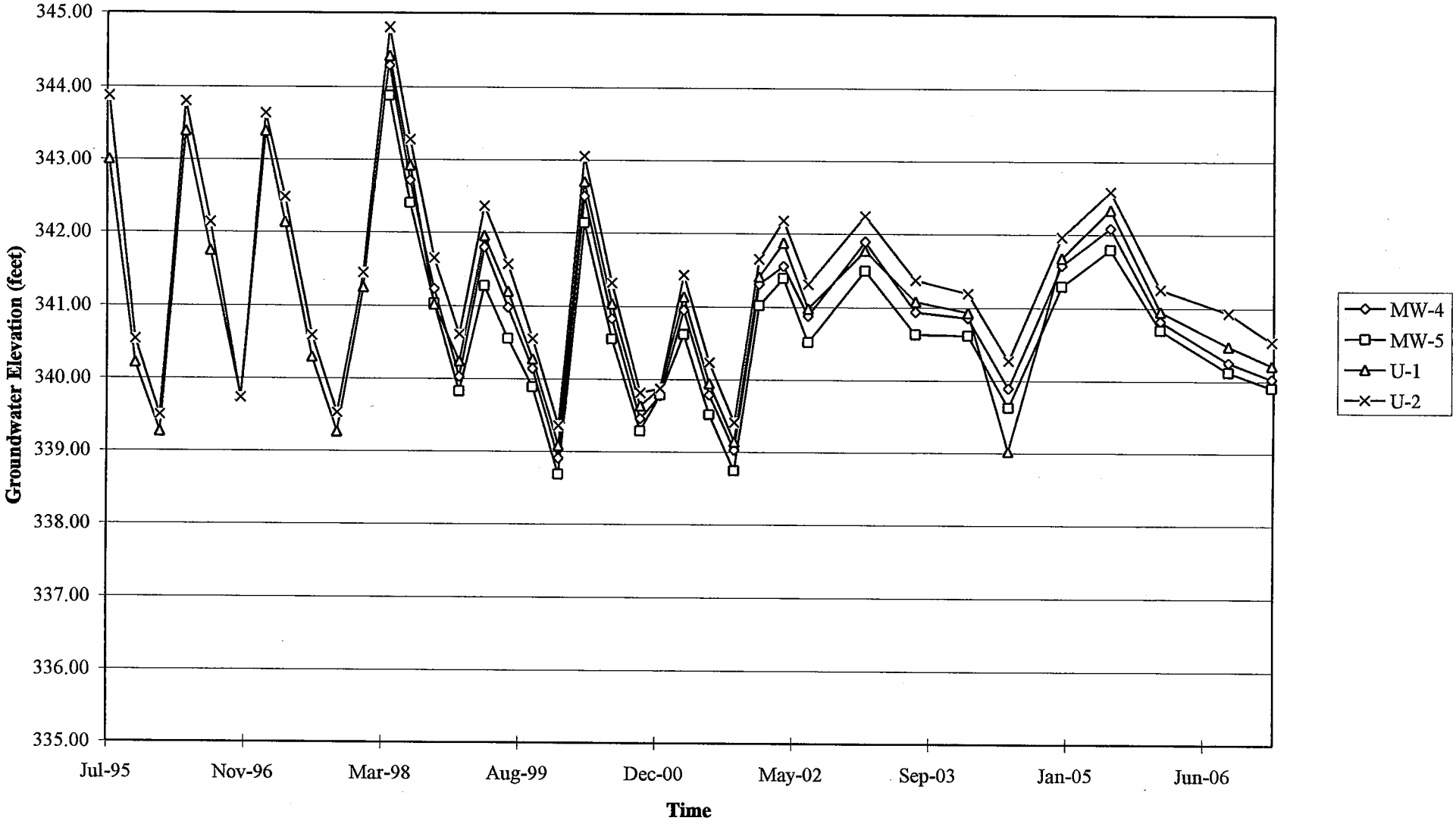
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 6

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalUMS)\X-7000\7176\Q1-07\7176-QMS.dwg Apr 02, 2007 - 1:27pm lwinters

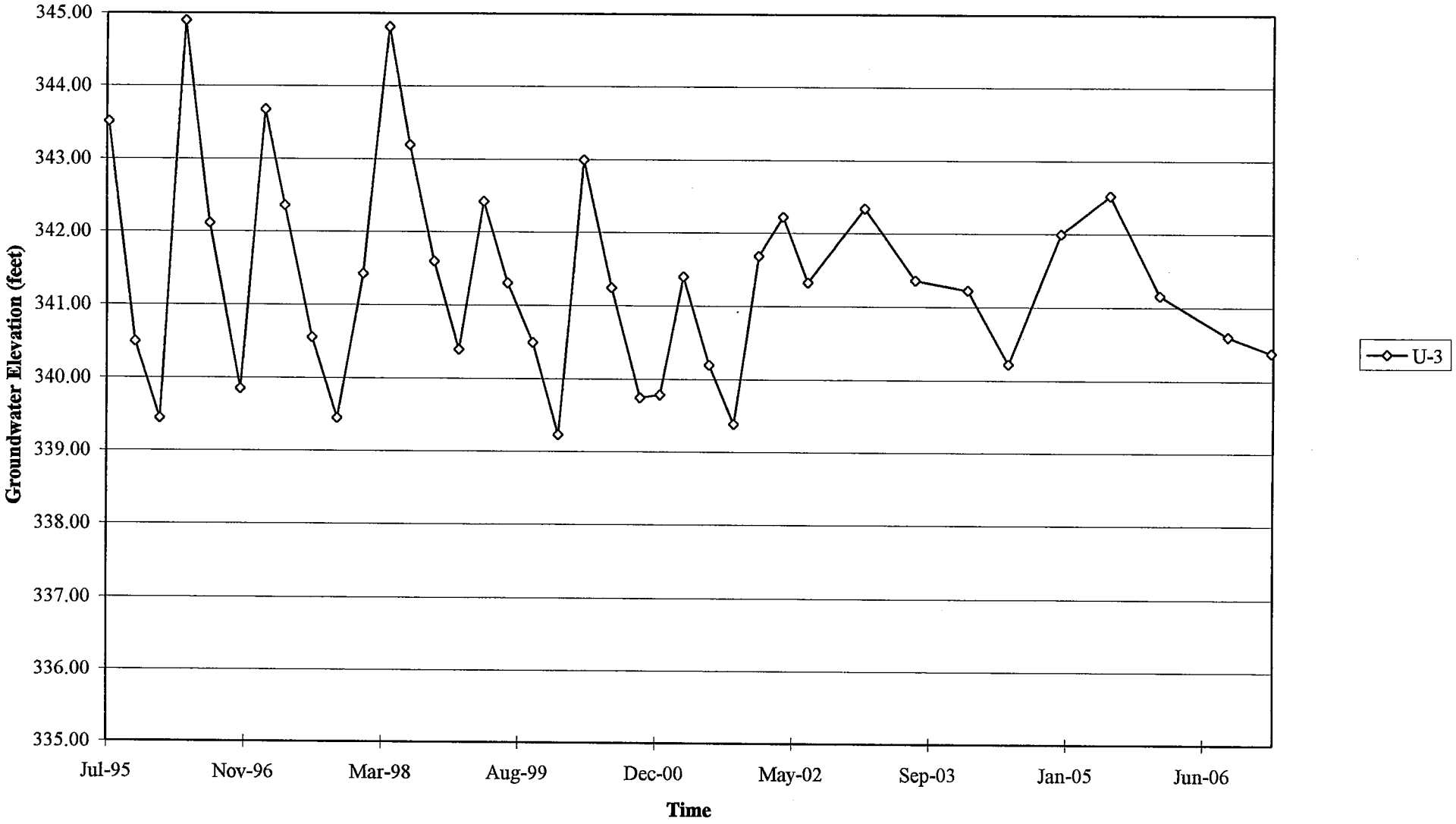
GRAPHS

Groundwater Elevations vs. Time
76 Station 7176



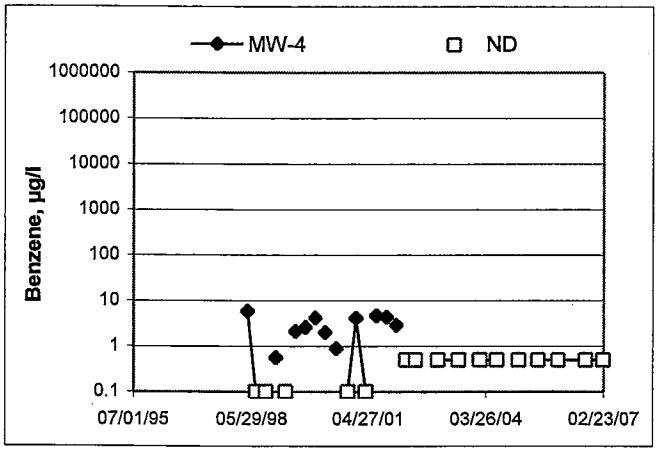
Elevations may have been corrected for apparent changes due to resurvey

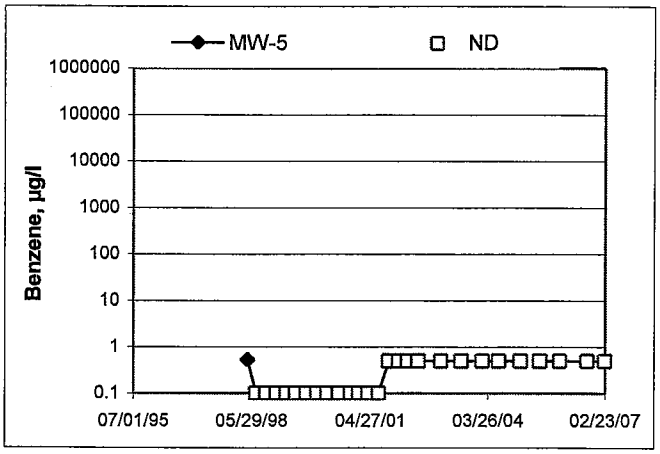
Groundwater Elevations vs. Time
76 Station 7176

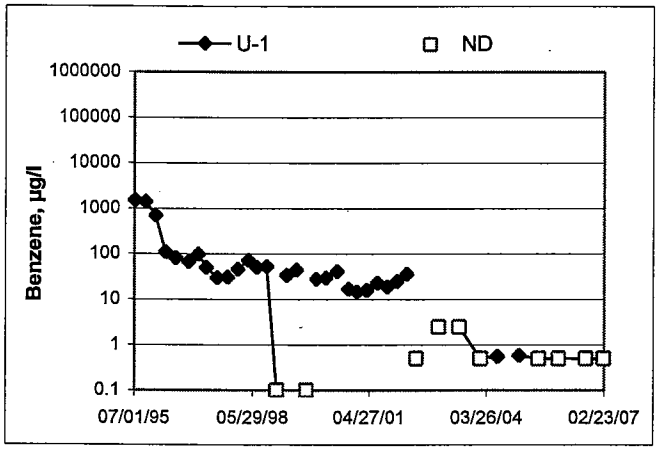


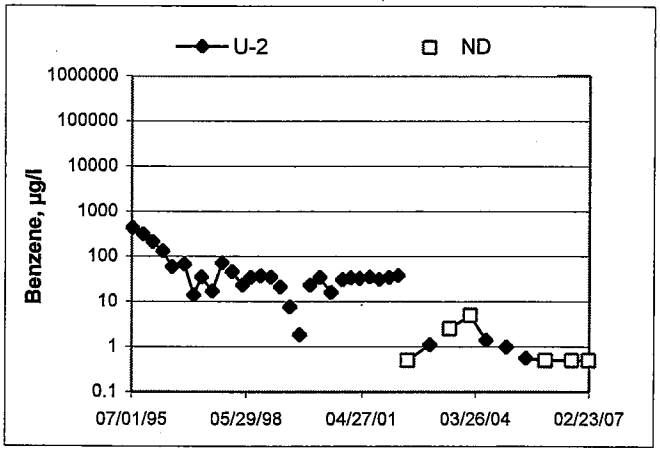
Elevations may have been corrected for apparent changes due to resurvey

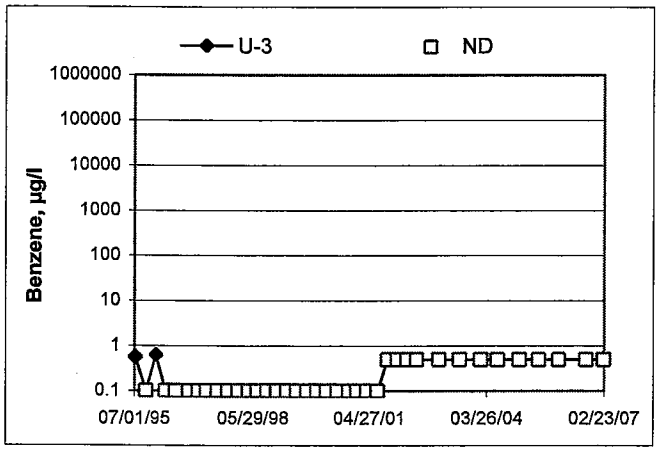
Benzene Concentrations vs Time
76 Station 7176



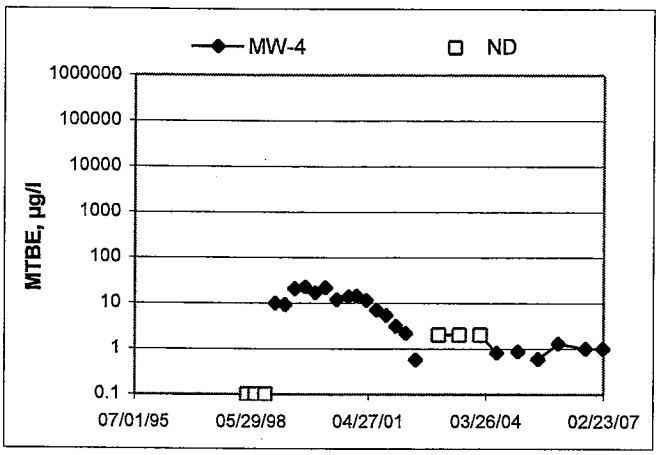


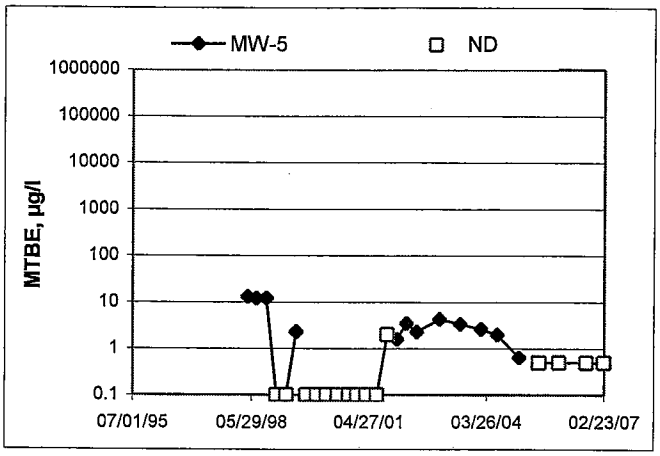


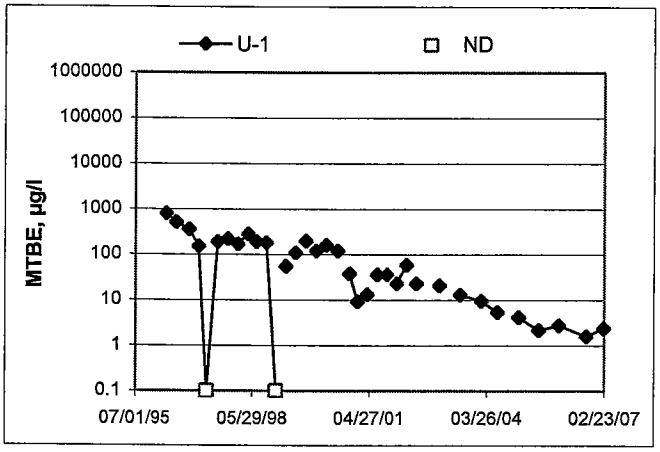


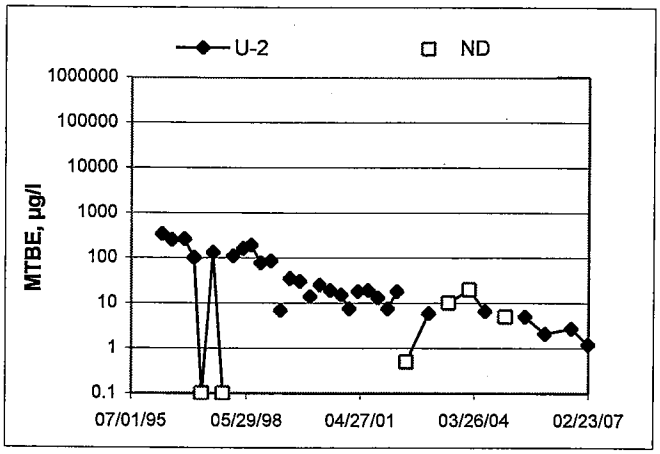


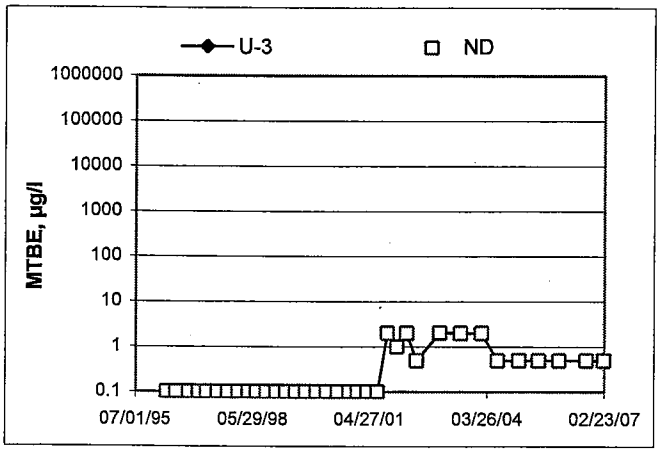
MTBE Concentrations vs Time
76 Station 7176











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 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 measurements 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, sample time, and the sampler's 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 the 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 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 wells, 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: Mike J Job #/Task #: 410600d / 1428 Date: 2-16-07

Site # 7176 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5	0519	✓	24.54	15.17	—	—	0625	2"
U-3	0527	✓	28.30	17.71	—	—	0645	2"
MW-4	0534	✓	24.93	16.39	—	—	0710	2"
U-1	0540	✓	28.39	15.38	—	—	0728	2"
U-2	0546	✓	21.15	16.01	—	—	0740	2"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY X TRAFFIC CONTROL X

GROUNDWATER SAMPLING FIELD NOTES

Technician: mike J

Site: 7176 Project No.: 410Good 1RA20 Date: 2-16 07

Well No. mw-5 Purge Method: ~~DA~~ HB

Depth to Water (feet): 15.13 Depth to Product (feet): —

Total Depth (feet) 24.54 LPH & Water Recovered (gallons): —

Water Column (feet): 9.41 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.01 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0616			1	7.49	19.6	7.14			
			2	6.59	20.6	7.04			
	0622		3	6.61	21.3	7.11			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.20	3	0625

Comments:

Well No. u-3 Purge Method: DA

Depth to Water (feet): 17.71 Depth to Product (feet): —

Total Depth (feet) 28.30 LPH & Water Recovered (gallons): —

Water Column (feet): 10.59 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	D.O.	ORP	Turbidity
0640			2	630	19.6	8.30			
			4	650	20.4	7.17			
	0644		6	637	21.2	7.04			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.86	6	0645

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Nate J

Site: 7176 Project No.: 410600d / RA20 Date: 2-16-07

Well No. MW-4 Purge Method: ~~D&A~~ MJ H.B

Depth to Water (feet): 16.39 Depth to Product (feet): —

Total Depth (feet) 24.93 LPH & Water Recovered (gallons): —

Water Column (feet): 8.54 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.09 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0705			1	628	19.2	7.05			
			2	~~807~~	19.8	7.42			
	0708		3	732	20.3	7.15			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.28	3	0710

Comments:

Well No. MW-1 Purge Method: D&A

Depth to Water (feet): 15.38 Depth to Product (feet): —

Total Depth (feet) 28.39 LPH & Water Recovered (gallons): —

Water Column (feet): 13.01 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.98 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0721			2	7.29	20.1	7.01			
			4	6.46	19.8	7.19			
	0726		6	6.83	21.2	7.13			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.49	6	0728

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: mw J

Site: 7176 Project No.: 410600001 (KA20 Date: 2-16-07

Well No. U-2 Purge Method: ~~Bail~~ MP H.B

Depth to Water (feet): 16.01 Depth to Product (feet): —

Total Depth (feet) 21.15 LPH & Water Recovered (gallons): —

Water Column (feet): 5.14 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.03 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	D.O.	ORP	Turbidity
0730			1	7.38	183	7.15			
			2	7.14	189	7.32			
	0734		3	726	19.4	7.03			

Static at Time Sampled	Total Gallons Purged	Sample Time
16.10	3	0740

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	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

BC LABORATORIES, INC.

Date of Report: 03/19/2007

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

RE: 7176
BC Work Order: 0702059

Enclosed are the results of analyses for samples received by the laboratory on 02/16/2007 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0702059-01	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	02/16/2007 06:25	Global ID: T0600101883
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Mike of TRCI			Cooler ID:
0702059-02	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	02/16/2007 06:45	Global ID: T0600101883
	Sampling Location:	U-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Mike of TRCI			Cooler ID:
0702059-03	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	02/16/2007 07:10	Global ID: T0600101883
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Mike of TRCI			Cooler ID:
0702059-04	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	02/16/2007 07:28	Global ID: T0600101883
	Sampling Location:	U-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Mike of TRCI			Cooler ID:
0702059-05	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	02/16/2007 07:40	Global ID: T0600101883
	Sampling Location:	U-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Mike of TRCI			Cooler ID:

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702059-01 | **Client Sample Name:** 7176, MW-5, MW-5, 2/16/2007 6:25:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.4	%	76 - 114 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516		
Toluene-d8 (Surrogate)	96.0	%	88 - 110 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:09	SDU	MS-V10	1	BQB1516		

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TRC Alton Geoscience	Project: 7176	**Reported:** 03/19/2007 11:03
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	Project Manager: Anju Farfan	

Total Petroleum Hydrocarbons

BCL Sample ID: 0702059-01 | **Client Sample Name:** 7176, MW-5, MW-5, 2/16/2007 6:25:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	56		Luft/TPHd	03/01/07	03/10/07 12:14	MRW	GC-5	1.124	BQC0560	ND	
Tetracosane (Surrogate)	84.7	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/01/07	03/10/07 12:14	MRW	GC-5	1.124	BQC0560		V11

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702059-02 | **Client Sample Name:** 7176, U-3, U-3, 2/16/2007 6:45:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	76 - 114 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516		
Toluene-d8 (Surrogate)	97.4	%	88 - 110 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 16:35	SDU	MS-V10	1	BQB1516		

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TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Total Petroleum Hydrocarbons

BCL Sample ID: 0702059-02 | **Client Sample Name:** 7176, U-3, U-3, 2/16/2007 6:45:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	03/01/07	03/10/07 12:28	MRW	GC-5	1	BQC0560	ND	
Tetracosane (Surrogate)	81.3	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/01/07	03/10/07 12:28	MRW	GC-5	1	BQC0560		V11

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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702059-03 | **Client Sample Name:** 7176, MW-4, MW-4, 2/16/2007 7:10:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Methyl t-butyl ether	1.0	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
Total Purgeable Petroleum Hydrocarbons	210	ug/L	50		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.4	%	76 - 114 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516		
Toluene-d8 (Surrogate)	97.4	%	88 - 110 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 17:01	SDU	MS-V10	1	BQB1516		

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Project: 7176
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Reported: 03/19/2007 11:03

Total Petroleum Hydrocarbons

BCL Sample ID: 0702059-03 | **Client Sample Name:** 7176, MW-4, MW-4, 2/16/2007 7:10:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	66	ug/L	56		Luft/TPHd	03/01/07	03/10/07 12:41	MRW	GC-5	1.111	BQC0560	ND	
Tetracosane (Surrogate)	85.2	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/01/07	03/10/07 12:41	MRW	GC-5	1.111	BQC0560		V11

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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702059-04 | **Client Sample Name:** 7176, U-1, U-1, 2/16/2007 7:28:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Ethylbenzene	3.1	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Methyl t-butyl ether	2.4	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Total Xylenes	0.81	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458	ND	
Total Purgeable Petroleum Hydrocarbons	3700	ug/L	250		EPA-8260	02/23/07	02/26/07 15:42	SDU	MS-V10	5	BQB1458	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	95.0	%	76 - 114 (LCL - UCL)		EPA-8260	02/23/07	02/26/07 15:42	SDU	MS-V10	5	BQB1458		
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	02/23/07	02/26/07 15:42	SDU	MS-V10	5	BQB1458		
Toluene-d8 (Surrogate)	97.4	%	88 - 110 (LCL - UCL)		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/23/07	02/26/07 15:42	SDU	MS-V10	5	BQB1458		
4-Bromofluorobenzene (Surrogate)	95.7	%	86 - 115 (LCL - UCL)		EPA-8260	02/23/07	02/24/07 23:20	SDU	MS-V10	1	BQB1458		

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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

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Total Petroleum Hydrocarbons

BCL Sample ID: 0702059-04 | **Client Sample Name:** 7176, U-1, U-1, 2/16/2007 7:28:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	2000	ug/L	110		Luft/TPHd	03/01/07	03/13/07 00:57	VTR	GC-13	2.222	BQC0560	ND	A52
Tetracosane (Surrogate)	66.2	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/01/07	03/13/07 00:57	VTR	GC-13	2.222	BQC0560		

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702059-05 | **Client Sample Name:** 7176, U-2, U-2, 2/16/2007 7:40:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Methyl t-butyl ether	1.2	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
Total Purgeable Petroleum Hydrocarbons	1500	ug/L	50		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.8	%	76 - 114 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516		
Toluene-d8 (Surrogate)	97.7	%	88 - 110 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	02/25/07	02/26/07 13:04	SDU	MS-V10	1	BQB1516		

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Total Petroleum Hydrocarbons

BCL Sample ID: 0702059-05 | **Client Sample Name:** 7176, U-2, U-2, 2/16/2007 7:40:00AM, Mike

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	200	ug/L	56		Luft/TPHd	03/01/07	03/10/07 13:08	MRW	GC-5	1.124	BQC0560	ND	
Tetracosane (Surrogate)	77.6	%	42 - 125 (LCL - UCL)		Luft/TPHd	03/01/07	03/10/07 13:08	MRW	GC-5	1.124	BQC0560		V11

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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BQB1458	Matrix Spike	0701929-01	0	22.990	25.000	ug/L		92.0		70 - 130	
		Matrix Spike Duplicate	0701929-01	0	24.060	25.000	ug/L	4.5	96.2	20	70 - 130	
Toluene	BQB1458	Matrix Spike	0701929-01	0.31000	25.300	25.000	ug/L		100		70 - 130	
		Matrix Spike Duplicate	0701929-01	0.31000	26.720	25.000	ug/L	5.8	106	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQB1458	Matrix Spike	0701929-01	ND	10.850	10.000	ug/L		108		76 - 114	
		Matrix Spike Duplicate	0701929-01	ND	10.130	10.000	ug/L		101		76 - 114	
Toluene-d8 (Surrogate)	BQB1458	Matrix Spike	0701929-01	ND	9.9500	10.000	ug/L		99.5		88 - 110	
		Matrix Spike Duplicate	0701929-01	ND	9.9000	10.000	ug/L		99.0		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQB1458	Matrix Spike	0701929-01	ND	10.200	10.000	ug/L		102		86 - 115	
		Matrix Spike Duplicate	0701929-01	ND	10.070	10.000	ug/L		101		86 - 115	
Benzene	BQB1516	Matrix Spike	0701337-31	0	26.150	25.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0701337-31	0	27.650	25.000	ug/L	5.6	111	20	70 - 130	
Toluene	BQB1516	Matrix Spike	0701337-31	0	24.870	25.000	ug/L		99.5		70 - 130	
		Matrix Spike Duplicate	0701337-31	0	26.080	25.000	ug/L	4.4	104	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQB1516	Matrix Spike	0701337-31	ND	9.7300	10.000	ug/L		97.3		76 - 114	
		Matrix Spike Duplicate	0701337-31	ND	9.5000	10.000	ug/L		95.0		76 - 114	
Toluene-d8 (Surrogate)	BQB1516	Matrix Spike	0701337-31	ND	9.8900	10.000	ug/L		98.9		88 - 110	
		Matrix Spike Duplicate	0701337-31	ND	9.6900	10.000	ug/L		96.9		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQB1516	Matrix Spike	0701337-31	ND	10.190	10.000	ug/L		102		86 - 115	
		Matrix Spike Duplicate	0701337-31	ND	10.350	10.000	ug/L		104		86 - 115	

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BQC0560	Matrix Spike	0610676-45	17.182	479.26	500.00	ug/L		92.4		41 - 139	
		Matrix Spike Duplicate	0610676-45	17.182	512.20	500.00	ug/L	6.9	99.0	30	41 - 139	
Tetracosane (Surrogate)	BQC0560	Matrix Spike	0610676-45	ND	14.424	20.000	ug/L		72.1		42 - 125	
		Matrix Spike Duplicate	0610676-45	ND	21.153	20.000	ug/L		106		42 - 125	

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Reported: 03/19/2007 11:03

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BQB1458	BQB1458-BS1	LCS	22.590	25.000	0.50	ug/L	90.4		70 - 130		
Toluene	BQB1458	BQB1458-BS1	LCS	25.220	25.000	0.50	ug/L	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQB1458	BQB1458-BS1	LCS	10.440	10.000		ug/L	104		76 - 114		
Toluene-d8 (Surrogate)	BQB1458	BQB1458-BS1	LCS	10.010	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQB1458	BQB1458-BS1	LCS	9.8500	10.000		ug/L	98.5		86 - 115		
Benzene	BQB1516	BQB1516-BS1	LCS	28.270	25.000	0.50	ug/L	113		70 - 130		
Toluene	BQB1516	BQB1516-BS1	LCS	27.390	25.000	0.50	ug/L	110		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQB1516	BQB1516-BS1	LCS	9.0500	10.000		ug/L	90.5		76 - 114		
Toluene-d8 (Surrogate)	BQB1516	BQB1516-BS1	LCS	9.6900	10.000		ug/L	96.9		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQB1516	BQB1516-BS1	LCS	9.8900	10.000		ug/L	98.9		86 - 115		

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Project: 7176
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Reported: 03/19/2007 11:03

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Diesel Range Organics (C12 - C24)	BQC0560	BQC0560-BS1	LCS	543.08	500.00	50	ug/L	109		62 - 101		L01
Tetracosane (Surrogate)	BQC0560	BQC0560-BS1	LCS	18.253	20.000		ug/L	91.3		42 - 125		

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Project Number: [none]
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Toluene	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Total Xylenes	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
t-Amyl Methyl ether	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BQB1458	BQB1458-BLK1	ND	ug/L	10		
Diisopropyl ether	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Ethanol	BQB1458	BQB1458-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BQB1458	BQB1458-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BQB1458	BQB1458-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQB1458	BQB1458-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQB1458	BQB1458-BLK1	97.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQB1458	BQB1458-BLK1	96.3	%	86 - 115 (LCL - UCL)		
Benzene	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Toluene	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Total Xylenes	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
t-Amyl Methyl ether	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BQB1516	BQB1516-BLK1	ND	ug/L	10		
Diisopropyl ether	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Ethanol	BQB1516	BQB1516-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BQB1516	BQB1516-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BQB1516	BQB1516-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQB1516	BQB1516-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQB1516	BQB1516-BLK1	93.9	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQB1516	BQB1516-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience
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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/19/2007 11:03

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BQC0560	BQC0560-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BQC0560	BQC0560-BLK1	69.1	%	42 - 125 (LCL - UCL)		

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/19/2007 11:03

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A52	Chromatogram not typical of diesel.
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

CHK BY | DISTRIBUTION | SUB-OUT

BC LABORATORIES, INC.

4100 Atlas Court □ Bakersfield, CA 93308
(661) 327-4911 □ FAX (661) 327-1918

CHAIN OF CUSTODY

07-02059

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 7850 AMADOR VALLEY BLVD	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: DUBLIN	**4-digit site#:** 7176
	Workorder # 01635 - 4506963011
State: CA **Zip:**	**Project #:** 41060001 / FA220
Conoco Phillips Mgr: SHELBY LATHOR	**Sampler Name:** MIKE J

MATRIX: (GW) Groundwater; (S) Soil; (WW) Wastewater; (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015m	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	EDB/EDC by 8260B			Turnaround Time Requested
-1		MW-5	2-16-07 0625	GW			X		X	X	X	X			STD
-2		U-3	2-16-07 0645	GW			↓		↓	↓	↓	↓			STD
-3		MW-4	2-16-07 0710	GW			↓		↓	↓	↓	↓			STD
-4		U-1	2-16-07 0729	GW			↓		↓	↓	↓	↓			STD
-5		U-2	2-16-07 0740	GW			↓		↓	↓	↓	↓			STD

Comments:
RUN TPH-D WITH SILICA GEL CLEAN UP REQ

GLOBAL ID:
T0600101883

Relinquished by: (Signature)	Received by: RCP SIGNATURE	Date & Time 2-16-07 0825
Relinquished by: (Signature)	Received by:	Date & Time 2-16-07 1120
Relinquished by: (Signature) 2/16/07	Received by:	Date & Time 2-16-07 1440

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

RCRuyumd 2-16-07 1940 2/16/07 1940 2/16/07 1940

3C LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page __ Of __

Submission #: | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
3C Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID B/W
Temperature: 2.1 °C
Thermometer ID: #48
Emissivity 0.98
Container VOA
Date/Time 2/16/07
Analyst Init OTO

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
T GENERAL MINERAL/ GENERAL PHYSICAL										
T PE UNPRESERVED										
T INORGANIC CHEMICAL METALS										
T INORGANIC CHEMICAL METALS										
T CYANIDE										
T NITROGEN FORMS										
T TOTAL SULFIDE										
Z. NITRATE / NITRITE										
0ml TOTAL ORGANIC CARBON										
T TOX										
T CHEMICAL OXYGEN DEMAND										
A PHENOLICS										
ml VOA VIAL TRAVEL BLANK										
ml VOA VIAL	A3	A3	A3	A3	A3					
T EPA 413.1, 413.2, 418.1										
T ODOR										
ADIOLOGICAL										
ACTERIOLOGICAL										
ml VOA VIAL- 504										
T EPA 508/608/8080										
T EPA 515.1/8150										
T EPA 525										
T EPA 525 TRAVEL BLANK										
0ml EPA 547										
0ml EPA 531.1										
T EPA 548										
T EPA 549										
T EPA 632										
T EPA 8015M										
T QA/QC										
T AMBER	B/C	B/C	B/C	B/C	B/C					
OZ. JAR										
OZ. JAR										
OIL SLEEVE										
CB VIAL										
ASTIC BAG										
ERROUS IRON										
NCORE										

Comments:_____

Sample Numbering Completed By:_____ Date/Time:_____

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 a licensed carrier, 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 others.

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.