ConocoPhillips
76 Broadway
Sacramento, California 95818

October 26, 2006

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

Re: **Report Transmittal**
Quarterly Report
Third Quarter – 2006
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

October 26, 2006

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

Re: Quarterly Summary Report –Third Quarter 2006
Delta Project No. C107176021

DELTA

Dear Mr. Chan:

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

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

Sincerely,
Delta Consultants

Ben Wright
Staff Geologist

Daniel J. Davis, R.G.
Senior Project Manager

REGISTERED GEOLOGIST
DANIEL J. DAVIS
No. 6435
STATE OF CALIFORNIA

Forward: TRC – Semi-Annual Monitoring Report

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

QUARTERLY SUMMARY REPORT
Third Quarter 2006
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 onsite monitor wells (U1 through U3) were completed.

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

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

November 2004 – Four soil borings (SB-1 through SB-4) were completed. The site data is documented in the December 10, 2004 *Limited Phase II Environmental Site Assessment* report. Based on report findings, residual concentrations of total petroleum hydrocarbons as diesel (TPH-D) (7.1 mg/kg) were detected in the vicinity of SB-3. Dissolved hydrocarbon concentrations were detected in each soil boring with the exception of SB-4. Maximum concentrations were detected as follows: TPH-D (1,100 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 detected above the laboratory detection limit of 2.5 µg/l /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 on a semi-annual monitoring program. During the most recent groundwater monitoring event, conducted on September 11, 2006, depth to groundwater ranged from 14.91 feet (MW-5) to 17.49 feet (U-3) below top of casing (TOC). The

groundwater flow direction was southeast at a gradient of 0.005 foot per foot (ft/ft). Historic groundwater flow directions are shown in Attachment A.

During the September 2006 sampling event, maximum detectable hydrocarbon concentrations in groundwater samples were as follows: total petroleum hydrocarbons with gasoline distinction (TPH-G) (2,700 µg/l in U-1), petroleum hydrocarbons with diesel distinction (TPH-D) (1,200 µg/l in U-1), and MTBE (2.7 µg/l in U-2).

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 soil and groundwater are limited to a small area surrounding the UST cavity and dispenser islands. Groundwater beneath the site is delineated with the exception of TPH-G and TPH-D concentrations in MW-4. These concentrations have shown a decreasing trend since 2001; however, the TPH-G plume may not be stable at this time.

RECENT CORRESPONDENCE

No recent correspondence was documented during this reporting period.

THIS QUARTER ACTIVITIES (Third Quarter 2006)

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.

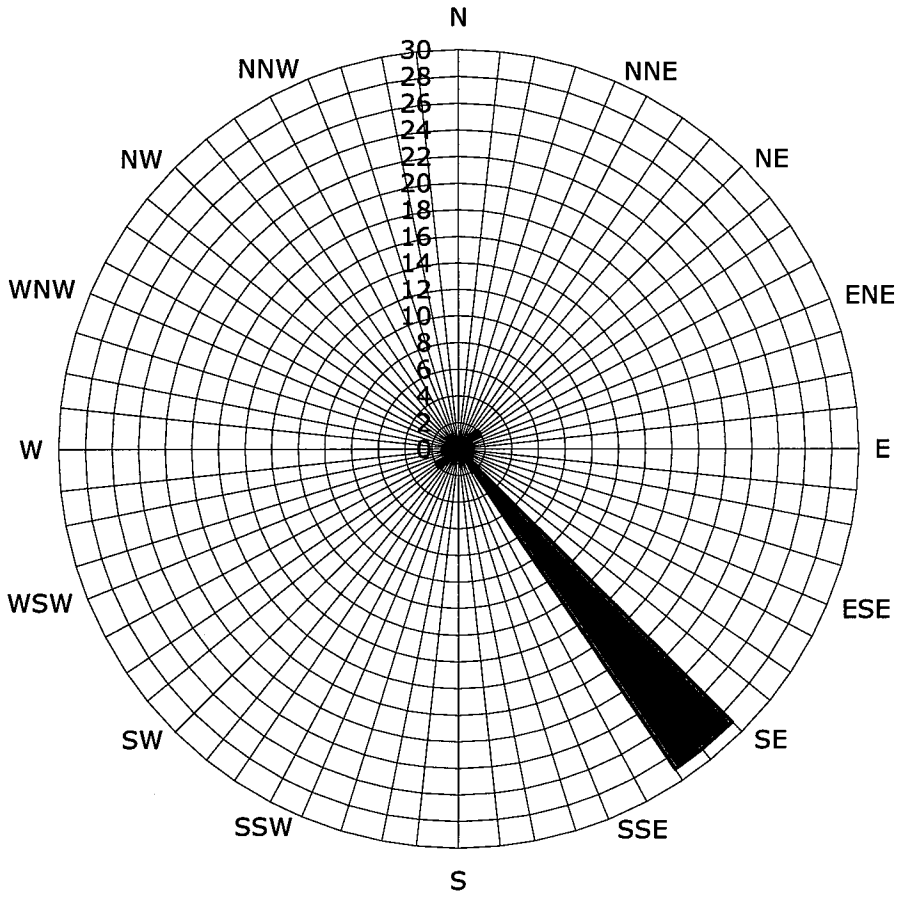
NEXT QUARTER ACTIVITIES (Fourth Quarter 2006)

1. Discuss site closure requirements and strategy with Alameda County Health Agency.

CONSULTANT: Delta Consultants

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 Third Quarter 2006
35 data points shown

TRC

October 6, 2006

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
APRIL THROUGH SEPTEMBER 2006

Dear Mrs. Lathrop:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 7176, located at 7850 Amador Valley Blvd., Dublin, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Daniel Davis, Delta Environmental Consultants, Inc. (3 copies)

Enclosures
20-0400/7176R06.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2006

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
October 5, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

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 – 9/11/06 Groundwater Sampling Field Notes – 9/11/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April through September 2006
76 Station 7176
7850 Amador Valley Boulevard
Dublin, CA

Project Coordinator: **Shelby Lathrop** | Water Sampling Contractor: ***TRC***
Telephone: **916-558-7609** | Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **09/11/06**

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: **14.91 feet** Maximum: **17.49 feet**
Average groundwater elevation (relative to available local datum): **340.48 feet**
Average change in groundwater elevation since previous event: **-0.50 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, southeast**
Previous event: **0.003 ft/ft, southeast (01/06/06)**

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: **2,700 µg/l (U-1)**
Wells with **MTBE** **3** | Maximum: **2.7 µg/l (U-2)**

Notes:

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

TABLES

TABLE KEY

STANDARD 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
Site: 76 Station 7176

Current Event

Historic Data

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 11, 2006

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)**													
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	
MW-5		**(Screen Interval in feet: 10.0-25.0)**													
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	
U-1		**(Screen Interval in feet: 10.0-30.0)**													
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	
U-2		**(Screen Interval in feet: 10.0-30.0)**													
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	
U-3		**(Screen Interval in feet: 10.0-30.0)**													
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	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-4							
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2							
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
09/11/06	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 September 2006

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-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 September 2006

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	
MW-5		**(Screen Interval in feet: 10.0-25.0)**														
	04/23/98	355.03	11.15	0.00	343.88	--	--	120	--	0.53	0.90	1.0	3.8	13	--	
	07/08/98	355.03	12.63	0.00	342.40	-1.48	170	ND	--	ND	ND	ND	ND	12	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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**															
	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	
	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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)	
D	**MW-5 continued**															
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	
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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	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	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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-1 continued																
	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	
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	--	
	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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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															
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	
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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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																
	10/05/01	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	
U-3		**(Screen Interval in feet: 10.0-30.0)**														
	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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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															
07/10/96	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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2006

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															
04/01/02	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	

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
MW-5							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND

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							
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
U-1							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND

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							
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
U-2							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND

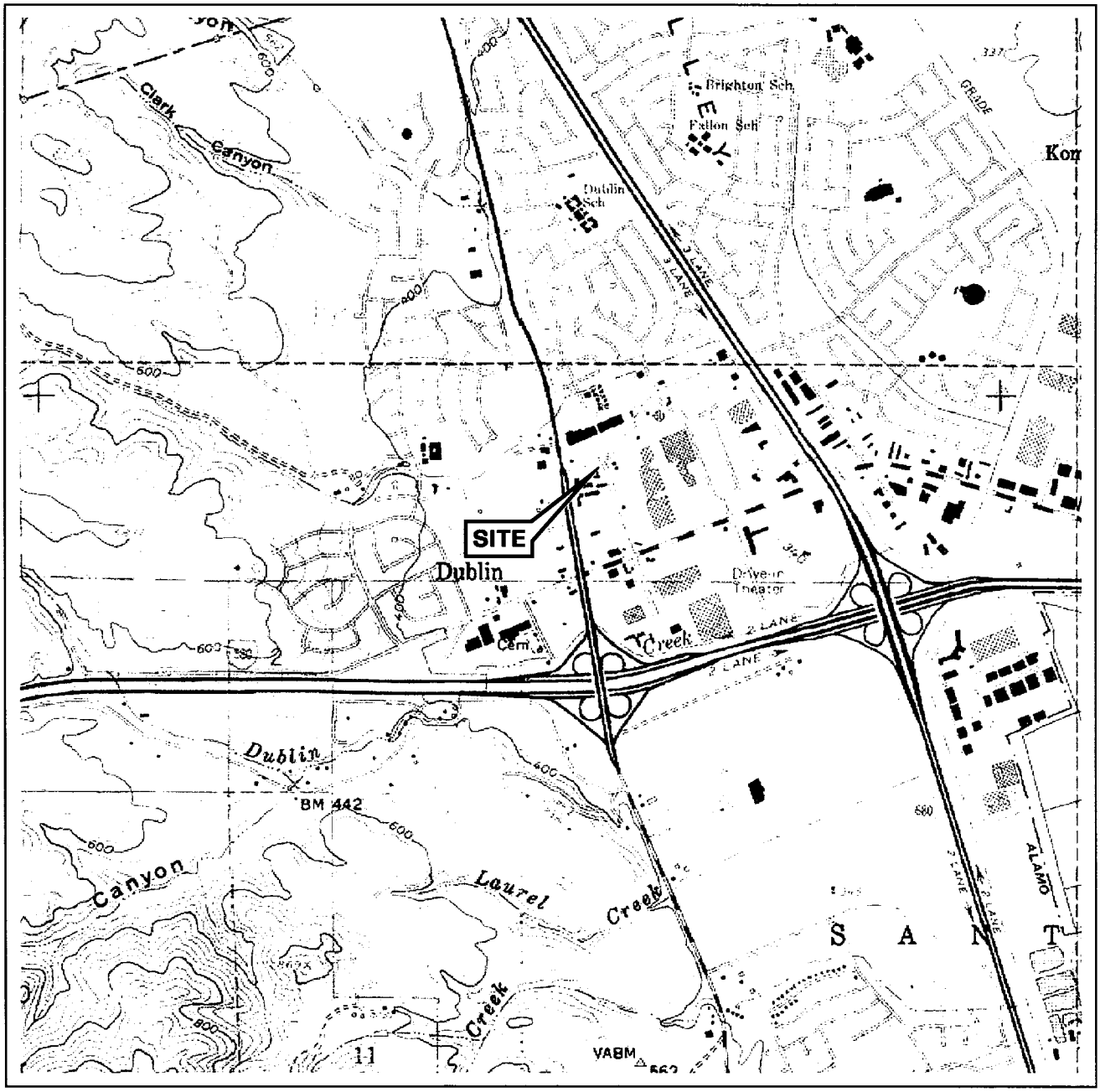
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

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							
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
U-3							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<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

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							
04/01/02	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

FIGURES



SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

VICINITY MAP

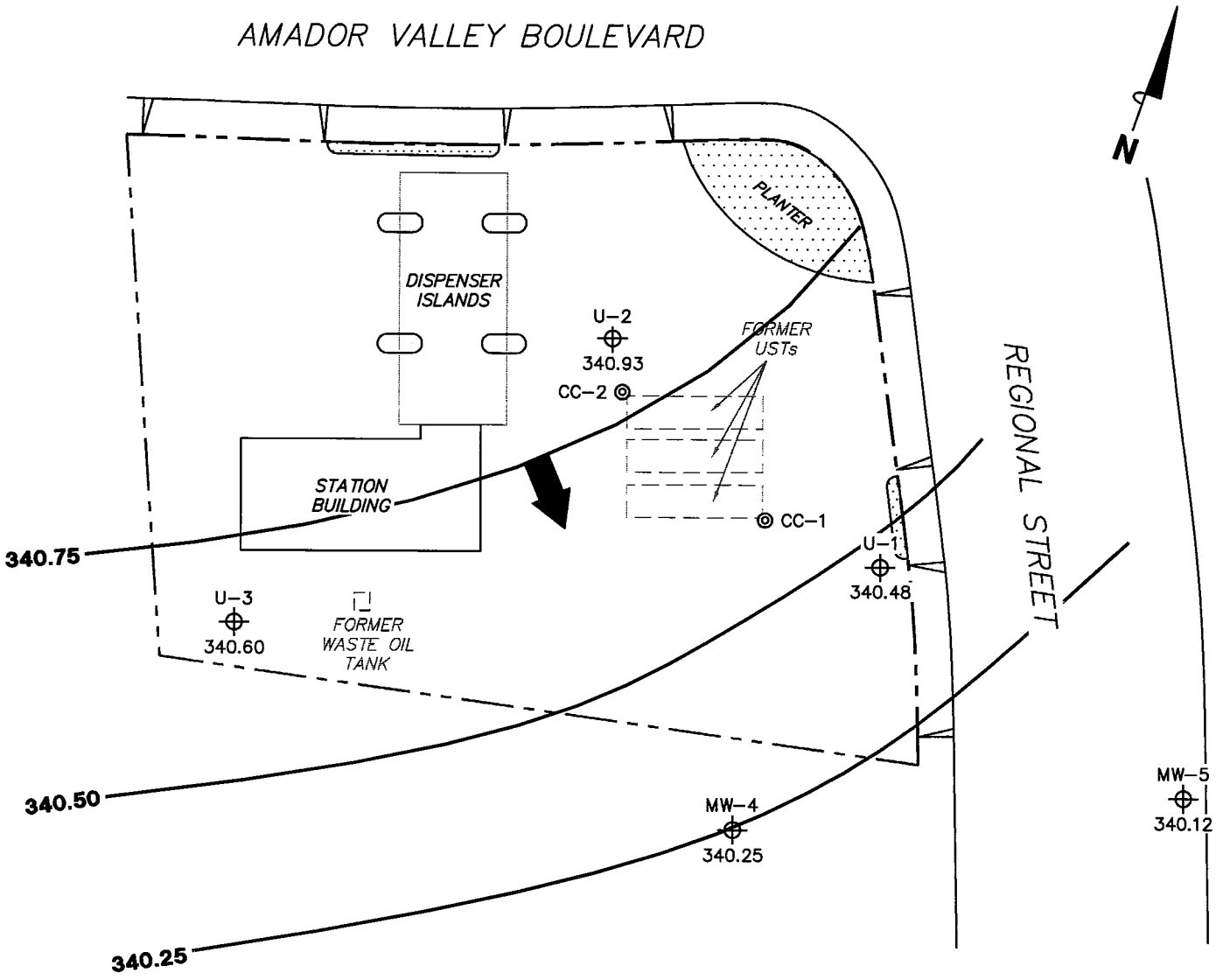
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

FIGURE 1

TRC

PS = 1:1

L:\ V I C I N I T Y M A P S\7176vm.dwg Mar 14, 2006 – 1:58pm lwinters



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
- **340.75** —— Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
September 11, 2006

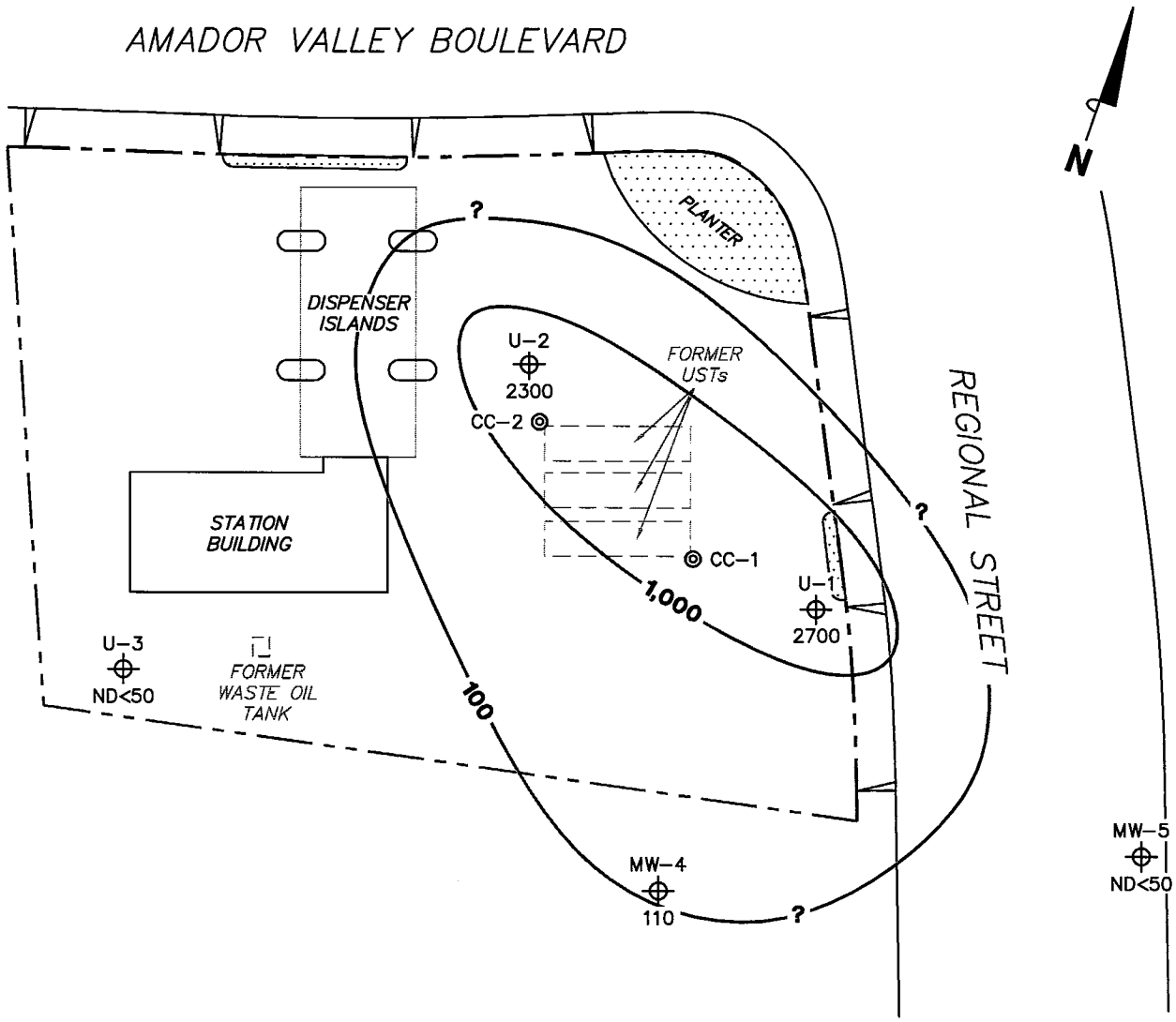
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

FIGURE 2

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Oct 05, 2006 - 11:43am lwinters



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total purgeable 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)

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP September 11, 2006

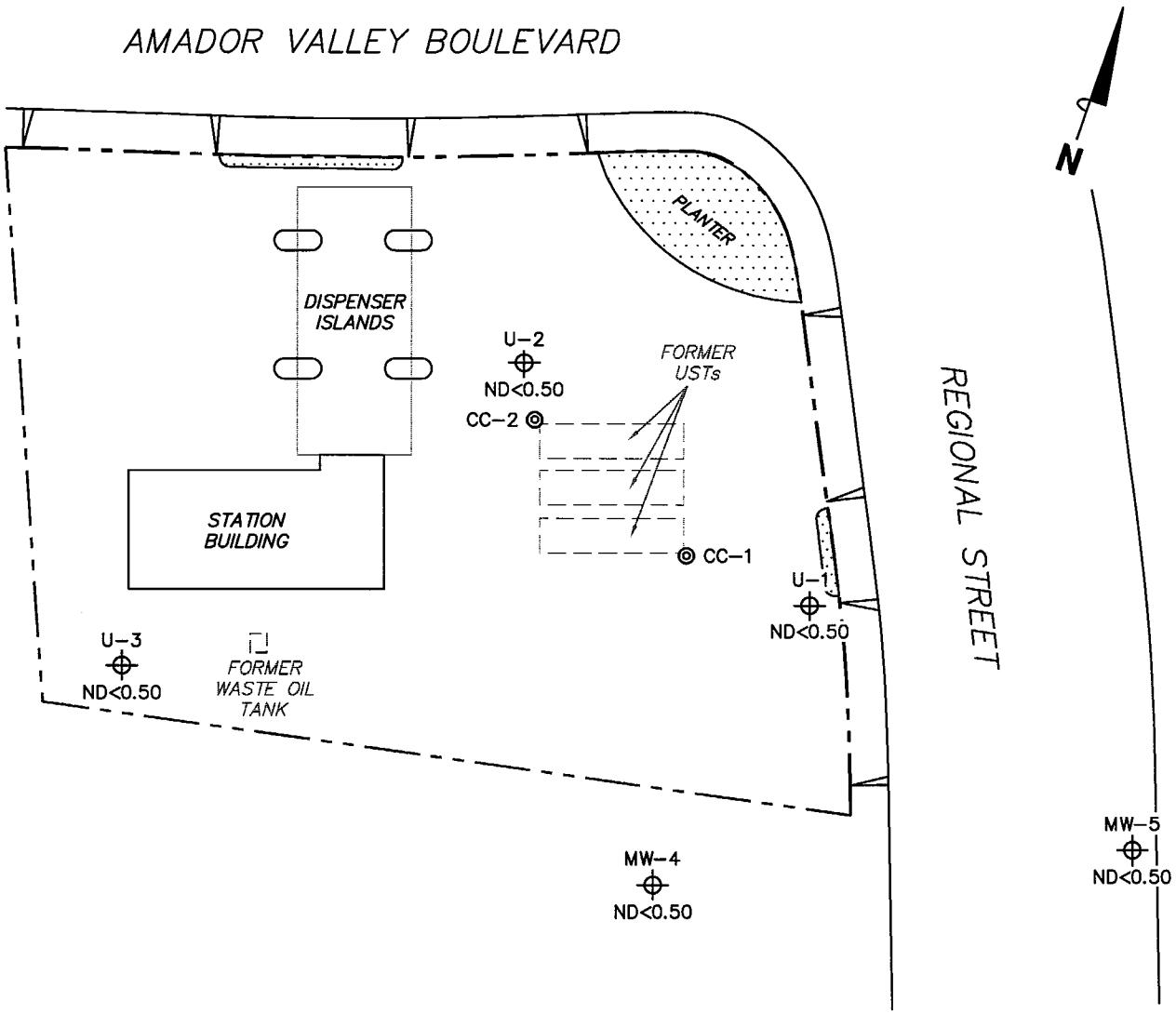
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

FIGURE 3

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Oct 05, 2006 - 11:43am lwinters



NOTES:

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

LEGEND

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

CC-2 ◎ Conductor Casing

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 11, 2006

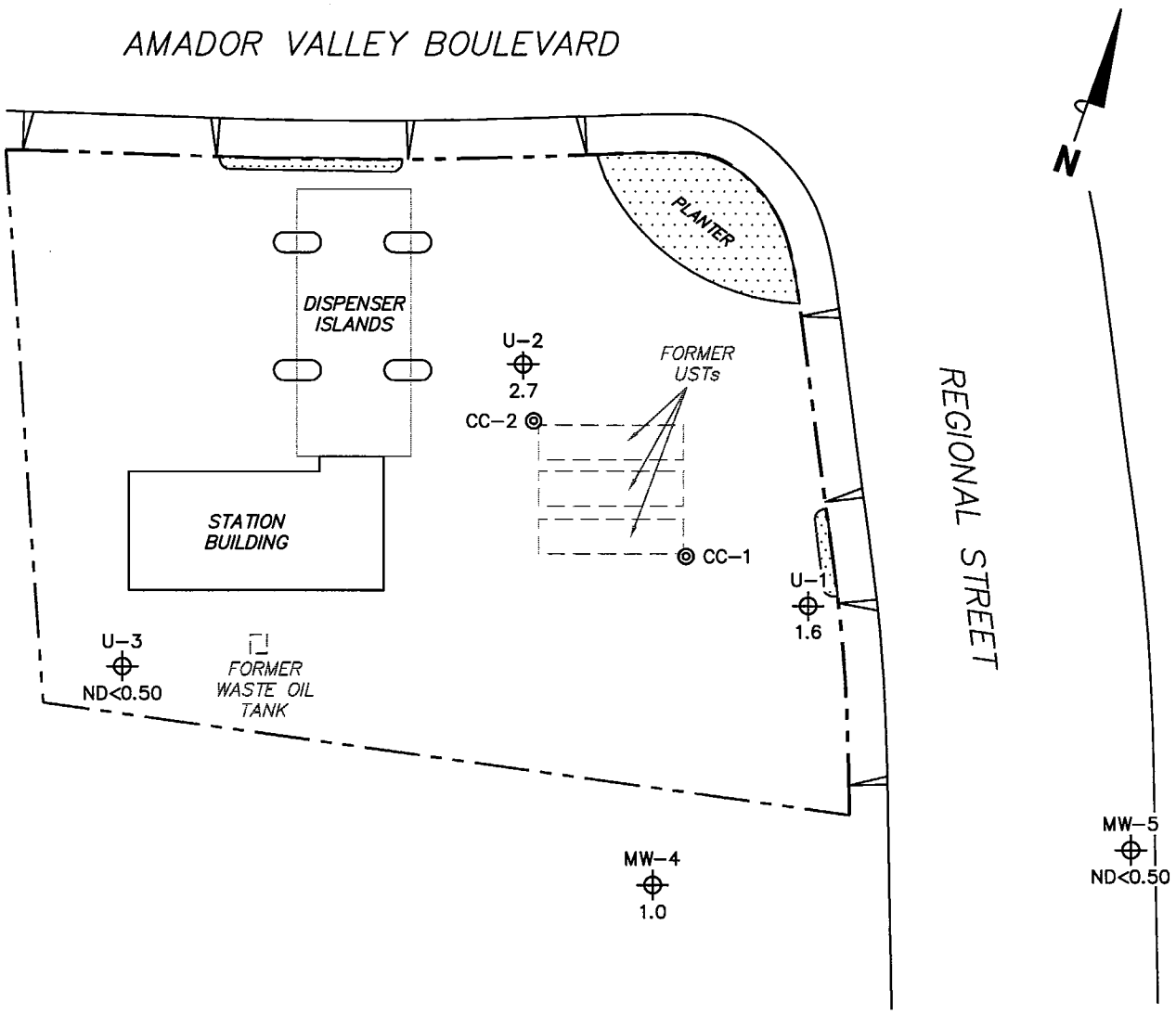
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

FIGURE 4

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Oct 05, 2006 - 11:43am lwinters



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

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

CC-2 ◎ Conductor Casing

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 11, 2006

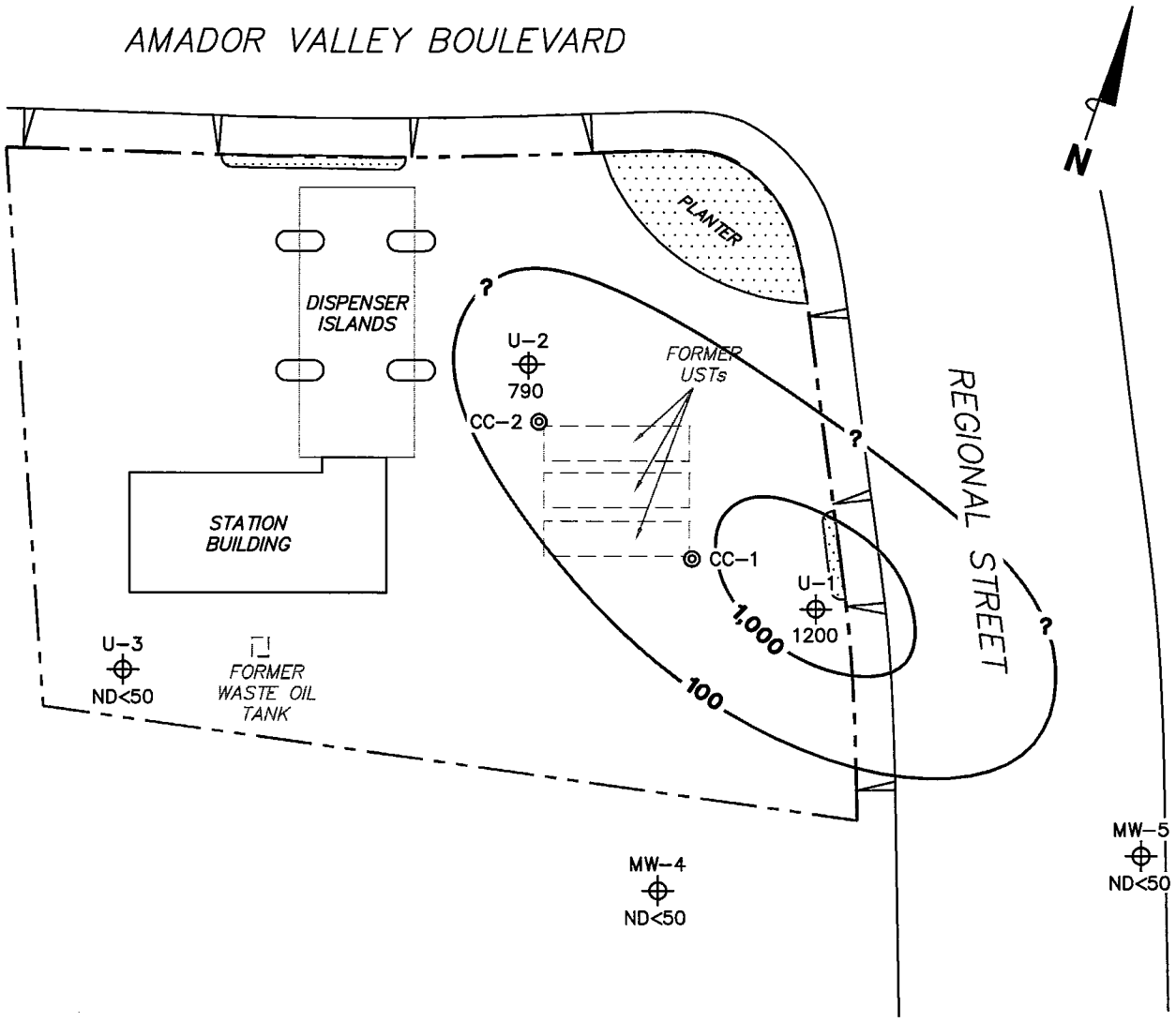
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

FIGURE 5

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Oct 05, 2006 - 11:43am lwinters



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)

DISSOLVED-PHASE TPH-D CONCENTRATION MAP
September 11, 2006

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

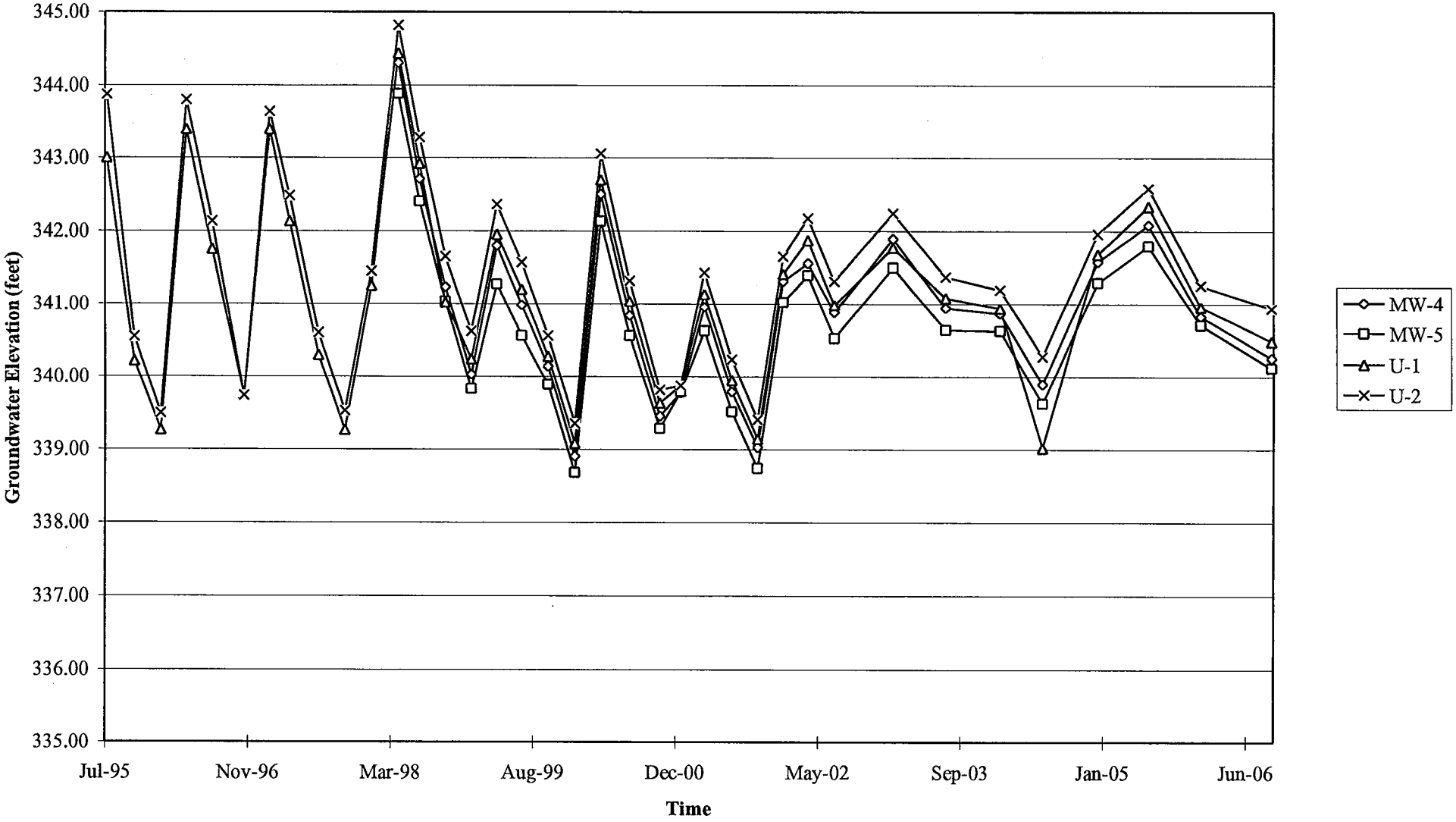
SCALE (FEET)
0 40

FIGURE 6

PS=1:1 7176-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Oct 05, 2006 - 11:43am lwinters

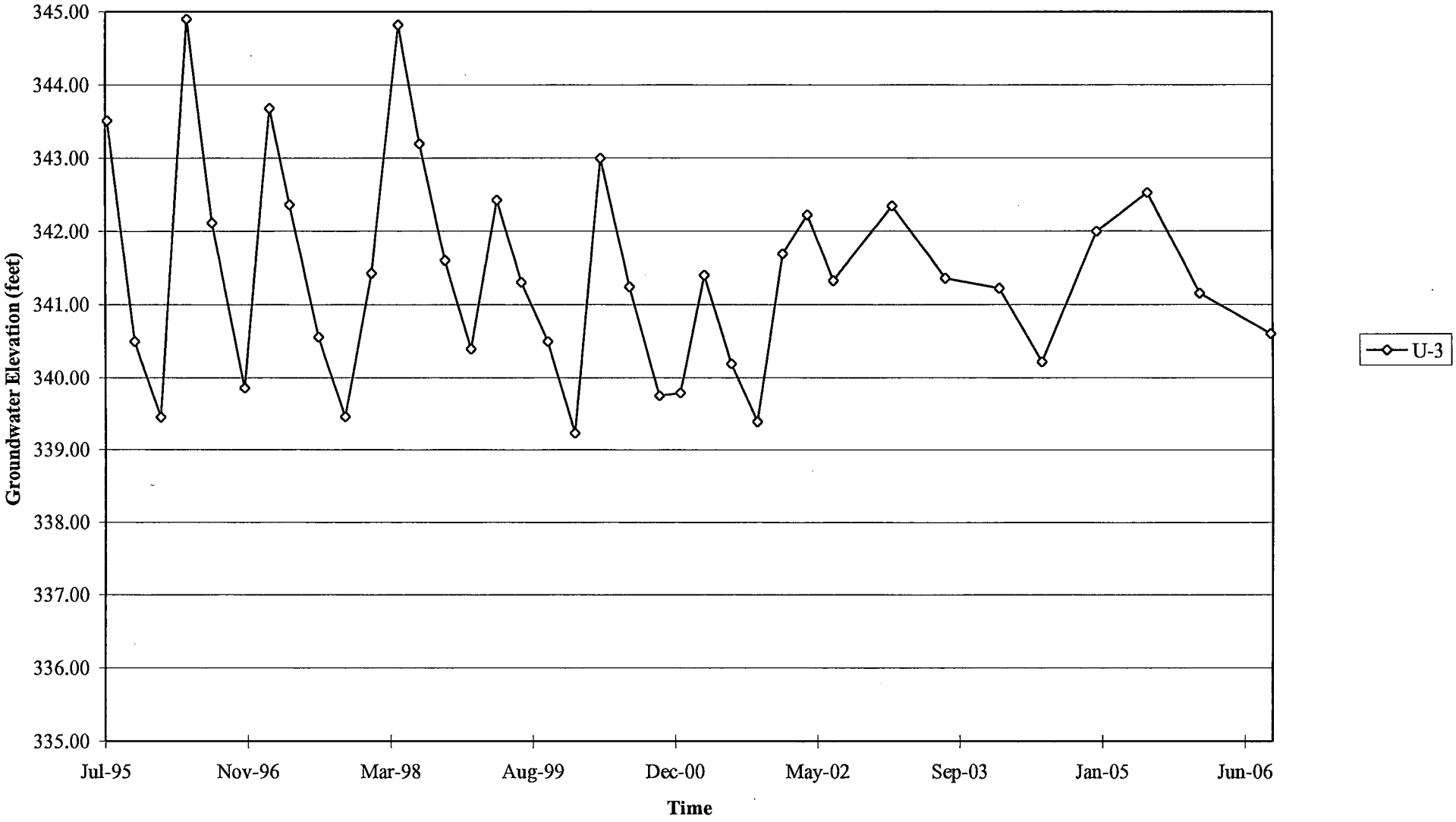
GRAPHS

Groundwater Elevations vs. Time
76 Station 7176



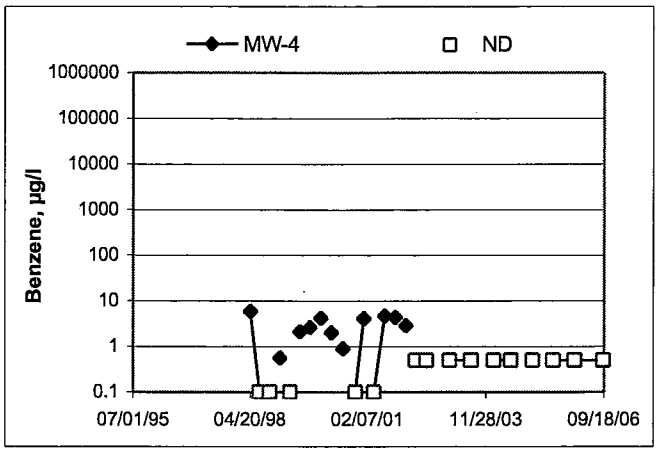
Elevations may have been corrected for apparent changes due to resurvey

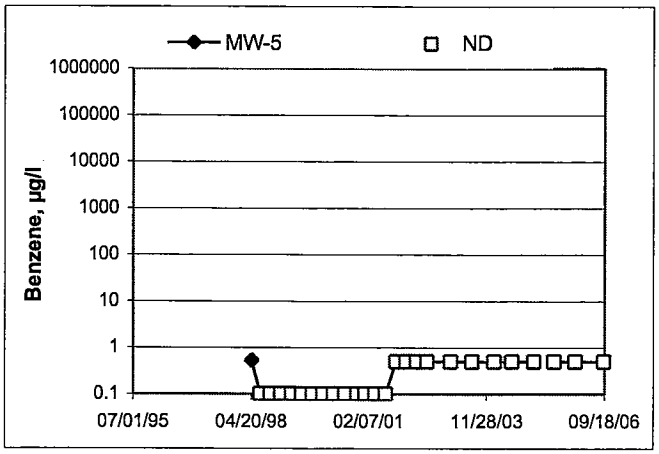
Groundwater Elevations vs. Time
76 Station 7176

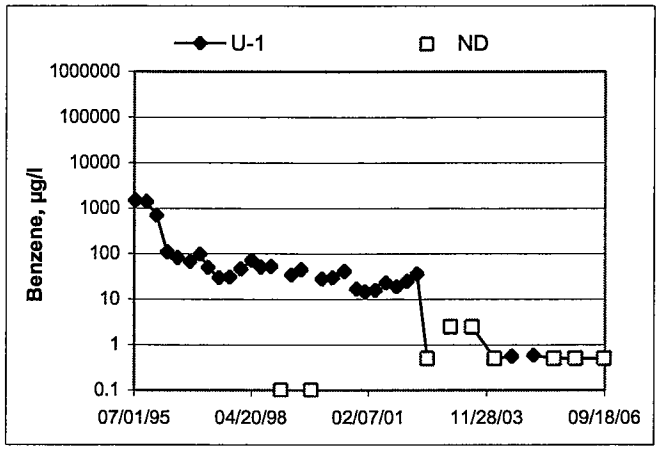


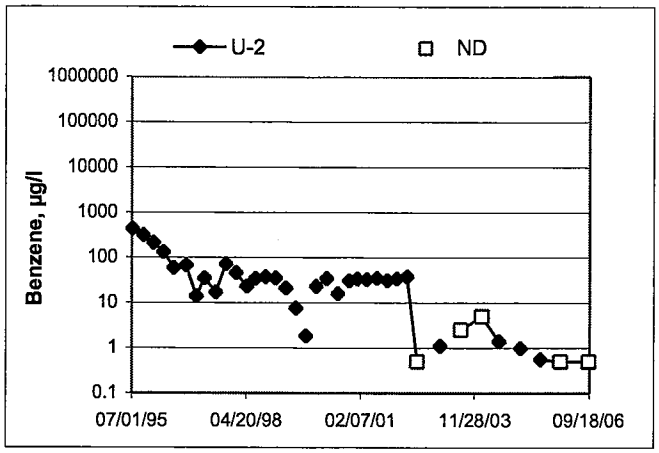
Elevations may have been corrected for apparent changes due to resurvey

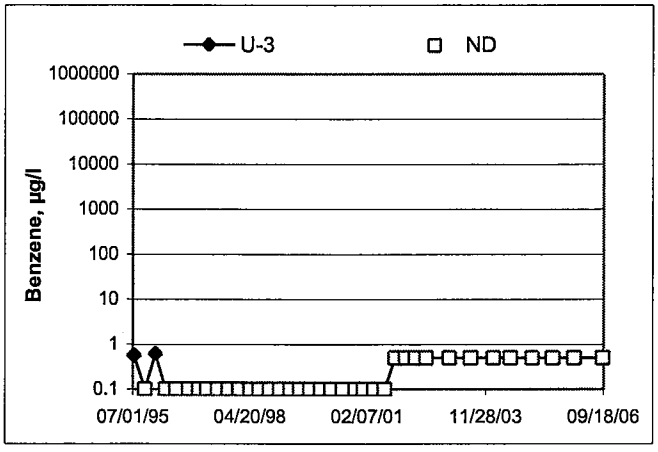
Benzene Concentrations vs Time
76 Station 7176



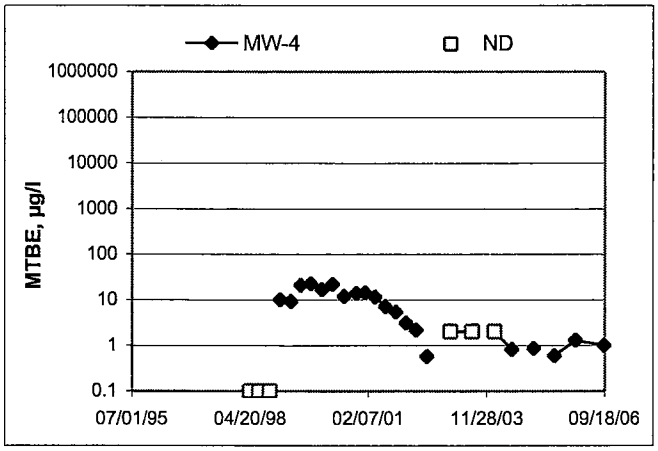


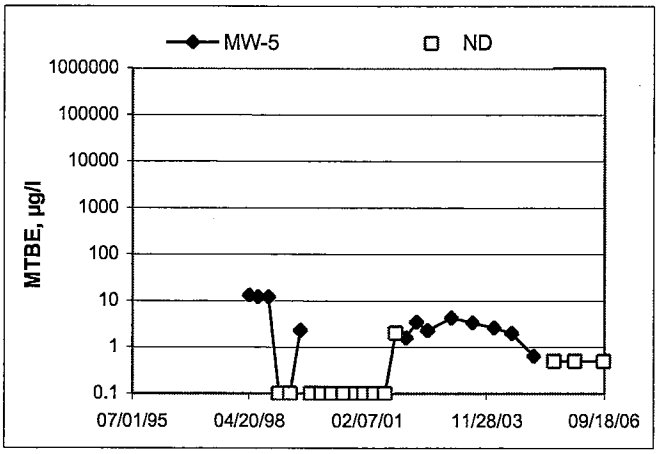


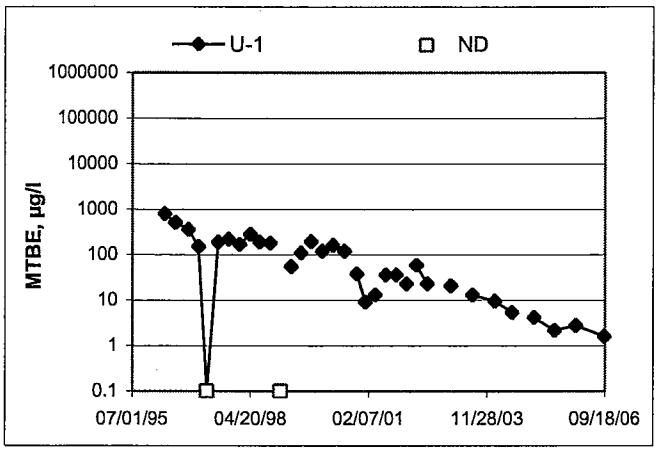


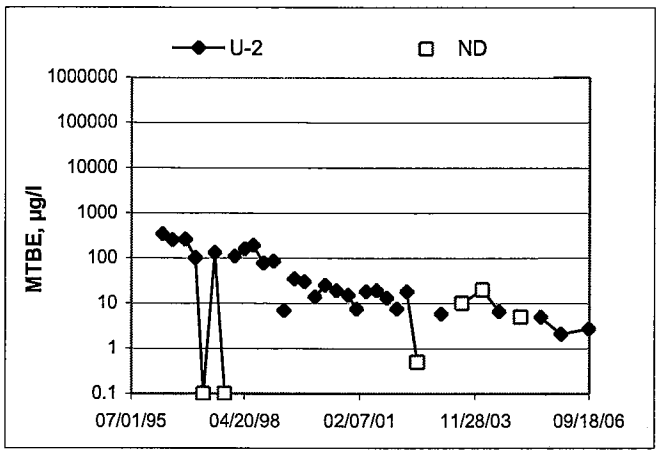


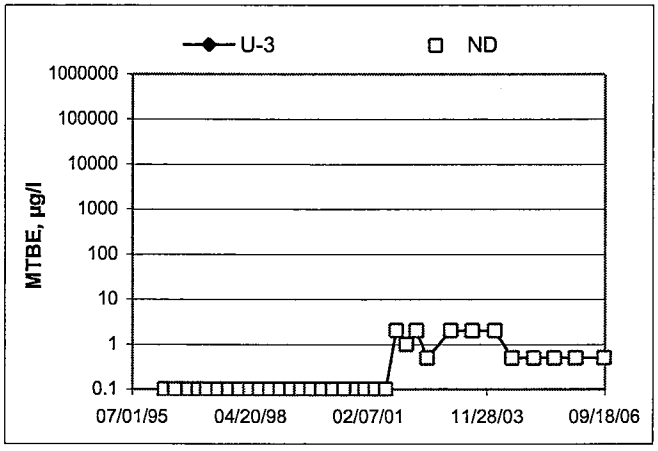
MTBE Concentrations vs Time
76 Station 7176











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: JOE Job #/Task #: 41060001 Date: 09-11-06

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
U-3	1040	X	28.39	15.49	—	—	1200	2"
MW-5	1057	X	24.49	14.91	—	—	1223	2"
MW-4	1107	X	25.33	16.16	—	—	1253	2"
U-2	1113	X	26.32	15.62	—	—	1315	2"
U-1	1120	X	28.54	15.11	—	—	1342	2

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176 Project No.: 41060001 Date: 09-11-06

Well No. MW-3 Purge Method: DIA

Depth to Water (feet): 17.49 Depth to Product (feet): —

Total Depth (feet) 28.36 LPH & Water Recovered (gallons): —

Water Column (feet): 10.87 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.66 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
1147			2	1110	26.3	7.92			
			4	1129	24.0	7.46			
	1149		6	1129	25.0	7.40			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.53	6	1200

Comments:

Well No. MW-5 Purge Method: DIA

Depth to Water (feet): 14.91 Depth to Product (feet): —

Total Depth (feet) 24.49 LPH & Water Recovered (gallons): —

Water Column (feet): 9.58 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.82 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
1213			2	1074	26.1	7.31			
			4	1061	24.1	7.12			
	1214		6	1067	24.8	7.20			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.97	6	1223

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176 Project No.: 41060001 Date: 09-11-06

Well No. MW-4 Purge Method: HB

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

Total Depth (feet) 25.33 LPH & Water Recovered (gallons): —

Water Column (feet): 9.17 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.99 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, (C))	pH	D.O.	ORP	Turbidity
1240			1	1136	24.4	7.10			
	1		2	1138	23.2	7.08			
	1246		3	1145	22.9	7.06			

Static at Time Sampled	Total Gallons Purged	Sample Time
16.89	3	1253

Comments:

Well No. W-2 Purge Method: DTA

Depth to Water (feet): 15.62 Depth to Product (feet): —

Total Depth (feet) 26.32 LPH & Water Recovered (gallons): —

Water Column (feet): 10.7 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.76 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, (C))	pH	D.O.	ORP	Turbidity
1306			2	1149	28.4	7.04			
			4	1179	26.7	7.03			
	1308		6	1195	27.1	7.05			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.90	6	1315

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: W-1 Project No.: 41060001 Date: 09-11-06

Well No. W-1 Purge Method: DTA

Depth to Water (feet): 15.11 Depth to Product (feet): —

Total Depth (feet) 28.54 LPH & Water Recovered (gallons): —

Water Column (feet): 13.43 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 17.79 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
1327			2	925.6	24.7	7.15			
			4	953.1	24.8	7.13			
	1329		6	975.1	24.7	7.01			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.19	6	1342

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)	Conduc-tivity (uS/cm)	Temperature (F , C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

BC LABORATORIES, INC.

Date of Report: 09/26/2006

Anju Farfan

TRC Alton Geoscience

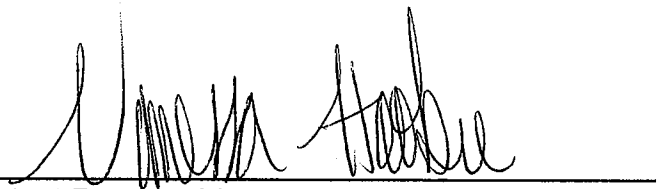
21 Technology Drive
Irvine, CA 92618-2302

RE: 7176

BC Lab Number: 0609423

Enclosed are the results of analyses for samples received by the laboratory on 09/12/06 21:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Hooker

Client Service Rep

Authorized Signature

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

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

Reported: 09/26/06 09:11

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0609423-01	**COC Number:**	---	**Receive Date:**	09/12/06 21:50	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/11/06 13:42	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:	TRCI			Cooler ID:
0609423-02	**COC Number:**	---	**Receive Date:**	09/12/06 21:50	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/11/06 13:15	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:	TRCI			Cooler ID:
0609423-03	**COC Number:**	---	**Receive Date:**	09/12/06 21:50	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/11/06 12:00	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:	TRCI			Cooler ID:
0609423-04	**COC Number:**	---	**Receive Date:**	09/12/06 21:50	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/11/06 12:53	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:	TRCI			Cooler ID:
0609423-05	**COC Number:**	---	**Receive Date:**	09/12/06 21:50	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/11/06 12:23	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:	TRCI			Cooler ID:

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

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

Reported: 09/26/06 09:11

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609423-01 | **Client Sample Name:** 7176, U-1, U-1, 9/11/2006 1:42:00PM

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	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Ethylbenzene	2.0	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Methyl t-butyl ether	1.6	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Total Xylenes	0.79	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802	ND	
Total Purgeable Petroleum Hydrocarbons	2700	ug/L	100		EPA-8260	09/18/06	09/19/06 14:34	DKC	MS-V12	2	BPI0802	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	76 - 114	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 14:34	DKC	MS-V12	2	BPI0802		
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	76 - 114	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 14:34	DKC	MS-V12	2	BPI0802		
4-Bromofluorobenzene (Surrogate)	98.0	%	86 - 115	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 14:34	DKC	MS-V12	2	BPI0802		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:27	DKC	MS-V12	1	BPI0802		

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

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

Reported: 09/26/06 09:11

Total Petroleum Hydrocarbons

BCL Sample ID: 0609423-01 | **Client Sample Name:** 7176, U-1, U-1, 9/11/2006 1:42:00PM

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)	1200	ug/L	100		Luft/TPHd	09/14/06	09/25/06 11:56	VTR	GC-13A	2	BPI0920	ND	A01, A52
Tetracosane (Surrogate)	83.3	%	42 - 125 (LCL - UCL)		Luft/TPHd	09/14/06	09/25/06 11:56	VTR	GC-13A	2	BPI0920		

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Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609423-02 | **Client Sample Name:** 7176, U-2, U-2, 9/11/2006 1:15:00PM

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	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Ethylbenzene	1.0	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Methyl t-butyl ether	2.7	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Total Xylenes	1.0	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
Total Purgeable Petroleum Hydrocarbons	2300	ug/L	50		EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	76 - 114	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 09:53	DKC	MS-V12	1	BPI0802		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0609423-02 | **Client Sample Name:** 7176, U-2, U-2, 9/11/2006 1:15:00PM

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)	790	ug/L	50		Luft/TPHd	09/14/06	09/20/06 20:10	VTR	GC-2	1	BPI0920	ND	A52
Tetracosane (Surrogate)	88.9	%	42 - 125 (LCL - UCL)		Luft/TPHd	09/14/06	09/20/06 20:10	VTR	GC-2	1	BPI0920		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609423-03 | **Client Sample Name:** 7176, U-3, U-3, 9/11/2006 12:00:00PM

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	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	76 - 114 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802		
4-Bromofluorobenzene (Surrogate)	98.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 10:18	DKC	MS-V12	1	BPI0802		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0609423-03 | **Client Sample Name:** 7176, U-3, U-3, 9/11/2006 12:00:00PM

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	09/14/06	09/20/06 20:34	VTR	GC-2	1	BPI0920	ND	
Tetracosane (Surrogate)	86.8	%	42 - 125	(LCL - UCL)	Luft/TPHd	09/14/06	09/20/06 20:34	VTR	GC-2	1	BPI0920		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609423-04 | **Client Sample Name:** 7176, MW-4, MW-4, 9/11/2006 12:53:00PM

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	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Methyl t-butyl ether	1.0	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
Total Purgeable Petroleum Hydrocarbons	110	ug/L	50		EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.3	%	76 - 114	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	99.8	%	88 - 110	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115	(LCL - UCL)	EPA-8260	09/18/06	09/19/06 10:44	DKC	MS-V12	1	BPI0802		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0609423-04 | **Client Sample Name:** 7176, MW-4, MW-4, 9/11/2006 12:53:00PM

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	09/14/06	09/20/06 20:58	VTR	GC-2	1	BPI0920	ND	A52
Tetracosane (Surrogate)	88.1	%	42 - 125 (LCL - UCL)		Luft/TPHd	09/14/06	09/20/06 20:58	VTR	GC-2	1	BPI0920		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609423-05 | **Client Sample Name:** 7176, MW-5, MW-5, 9/11/2006 12:23:00PM

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	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.0	%	76 - 114 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802		
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	09/18/06	09/19/06 11:09	DKC	MS-V12	1	BPI0802		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0609423-05 | **Client Sample Name:** 7176, MW-5, MW-5, 9/11/2006 12:23:00PM

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	09/14/06	09/20/06 21:22	VTR	GC-2	1	BPI0920	ND	
Tetracosane (Surrogate)	91.1	%	42 - 125 (LCL - UCL)		Luft/TPHd	09/14/06	09/20/06 21:22	VTR	GC-2	1	BPI0920		

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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	BPI0802	Matrix Spike	0609481-01	ND	30.710	25.000	ug/L		123		70 - 130	
		Matrix Spike Duplicate	0609481-01	ND	31.990	25.000	ug/L	3.98	128	20	70 - 130	
Toluene	BPI0802	Matrix Spike	0609481-01	ND	28.850	25.000	ug/L		115		70 - 130	
		Matrix Spike Duplicate	0609481-01	ND	29.420	25.000	ug/L	2.58	118	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPI0802	Matrix Spike	0609481-01	ND	9.4200	10.000	ug/L		94.2		76 - 114	
		Matrix Spike Duplicate	0609481-01	ND	9.3600	10.000	ug/L		93.6		76 - 114	
Toluene-d8 (Surrogate)	BPI0802	Matrix Spike	0609481-01	ND	10.080	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0609481-01	ND	10.010	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPI0802	Matrix Spike	0609481-01	ND	9.6600	10.000	ug/L		96.6		86 - 115	
		Matrix Spike Duplicate	0609481-01	ND	9.8200	10.000	ug/L		98.2		86 - 115	

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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)	BPI0920	Matrix Spike	0606841-85	ND	407.66	500.00	ug/L		81.5		41 - 139	
		Matrix Spike Duplicate	0606841-85	ND	408.79	500.00	ug/L	0.367	81.8	30	41 - 139	
Tetracosane (Surrogate)	BPI0920	Matrix Spike	0606841-85	ND	22.768	20.000	ug/L		114		42 - 125	
		Matrix Spike Duplicate	0606841-85	ND	21.940	20.000	ug/L		110		42 - 125	

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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	BPI0802	BPI0802-BS1	LCS	31.350	25.000	0.50	ug/L	125		70 - 130		
Toluene	BPI0802	BPI0802-BS1	LCS	28.700	25.000	0.50	ug/L	115		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPI0802	BPI0802-BS1	LCS	9.3100	10.000		ug/L	93.1		76 - 114		
Toluene-d8 (Surrogate)	BPI0802	BPI0802-BS1	LCS	10.020	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPI0802	BPI0802-BS1	LCS	9.6500	10.000		ug/L	96.5		86 - 115		

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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)	BPI0920	BPI0920-BS1	LCS	379.68	500.00	50	ug/L	75.9		62 - 101		
Tetracosane (Surrogate)	BPI0920	BPI0920-BS1	LCS	21.162	20.000		ug/L	106		42 - 125		

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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	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.14	
1,2-Dibromoethane	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.22	
1,2-Dichloroethane	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.15	
Ethylbenzene	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.31	
t-Amyl Methyl ether	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.34	
t-Butyl alcohol	BPI0802	BPI0802-BLK1	ND	ug/L	10	9.3	
Diisopropyl ether	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.34	
Ethanol	BPI0802	BPI0802-BLK1	ND	ug/L	250	85	
Ethyl t-butyl ether	BPI0802	BPI0802-BLK1	ND	ug/L	0.50	0.32	
Total Purgeable Petroleum Hydrocarbons	BPI0802	BPI0802-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPI0802	BPI0802-BLK1	98.2	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPI0802	BPI0802-BLK1	98.9	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPI0802	BPI0802-BLK1	100	%	86 - 115 (LCL - UCL)		

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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)	BPI0920	BPI0920-BLK1	ND	ug/L	50	26	
Tetracosane (Surrogate)	BPI0920	BPI0920-BLK1	94.0	%	42 - 125 (LCL - UCL)		

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

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

Reported: 09/26/06 09:11

Notes and Definitions

J	Estimated value
A52	Chromatogram not typical of diesel.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Submission #: 06-09423 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC 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 BIW Emissivity 0.98
Temperature: 4.1 °C Container Other
Thermometer ID: #48

Date/Time 9/12/06
Analyst Init OTO

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B,C	B,C	B,C	B,C	B,C					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____
Sample Numbering Completed By: OTO Date/Time: 9/13/06 0100

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

CHK BY | DISTRIBUTION | SUB-OUT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-09423

Analysis Requested

Circle one: Phillips 66 / Unocal	**Consultant Firm: TRC**
Address:.7850 Amador Valley Blvd.	**21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan**
City: Dublin	**4-digit site#: 7176**
	Work Order# 1635TRC502
State: CA **Zip:**	**Project #: 41060001/FA20**
COP Manager: Shelby Lathrop	**Sampler Name:**

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYs BY 8260B	ETHANOL by 8260B	TPH-g by GC/MS	EDB/EDC by 8260B			Turnaround Time Requested
	-1	U-1	09-11-06 1342	GW			X		X	X	X	X			STD
	-2	U-2	1315	GW			X		X	X	X	X			STD
	-3	U-3	1200	GW			X		X	X	X	X			STD
	-4	MW-4	1253	GW			X		X	X	X	X			STD
	-5	MW-5	1223	GW			X		X	X	X	X			STD

Comments: Run TPH-d w/silica gel clean-up on hits.

Global ID: T0600101883

Relinquished by: Jae D. Lewis	**Received by:** refrigerator	**Date & Time:** 09-11-06 1535
Relinquished by (Signature):	**Received by:** Ross Wichey	**Date & Time:** 9/12/06 1220
Relinquished by (Signature): Ross Wichey 9/12/06	**Received by:** Macato	**Date & Time:** 9/12/06 1830
Rel Macato 9/12/06 2050	Teri Obafen	9/12/06 2150

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

STATEMENTS

Purge Water Disposal

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

Limitations

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