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Irvine, CA 92618

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DATE: October 8, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

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

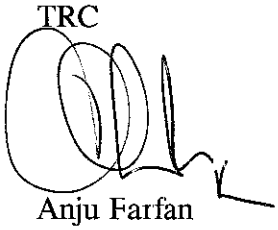
RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

Dear Mr. Grayson:

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
20-0400/7176R10.QMS

SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

76 STATION 7176
7850 Amador Valley Blvd.
Dublin, California

Prepared For:

Mr. Terry Grayson
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations

Date: 10/8/08

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 – 09/02/08 Groundwater Sampling Field Notes – 09/02/08 Statement of Non-Completion – 09/02/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2008 through September 2008
76 Station 7176
7850 Amador Valley Boulevard
Dublin, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/02/08**

Sample Points

Groundwater wells: **3** onsite, **2** offsite Points gauged: **4** Points sampled: **4**
Purging method: **Bailer/submersible pump**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): --
LPH removal frequency: -- Method: --
Treatment or disposal of water/LPH: --

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **16.97 feet** Maximum: **19.32 feet**
Average groundwater elevation (relative to available local datum): **338.67 feet**
Average change in groundwater elevation since previous event: **-2.72 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.004 ft/ft, southeast**
Previous event: **0.003 ft/ft, southeast (02/01/08)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **0** Sample Points above MCL (1.0 µg/l): --
Maximum reported benzene concentration: --

Sample Points with **TPH-G by GC/MS** **3** Maximum: **3,300 µg/l (U-1)**
Sample Points with **MTBE 8260B** **2** Maximum: **0.8 µg/l (U-2)**

Notes:

MW-5=Paved over

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)
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)
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

September 2, 2008

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)**												
09/02/08	356.41	17.97	0.00	338.44	-2.71	51	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
MW-5			**(Screen Interval in feet: 10.0-25.0)**												
09/02/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-1			**(Screen Interval in feet: 10.0-30.0)**												
09/02/08	355.59	16.97	0.00	338.62	-2.69	960	--	3300	ND<1.0	ND<1.0	1.4	ND<2.0	--	ND<1.0	
U-2			**(Screen Interval in feet: 10.0-30.0)**												
09/02/08	356.55	17.71	0.00	338.84	-2.69	300	--	1500	ND<0.50	ND<0.50	0.73	ND<1.0	--	0.80	
U-3			**(Screen Interval in feet: 10.0-30.0)**												
09/02/08	358.09	19.32	0.00	338.77	-2.80	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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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							
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
09/02/08	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
U-2							
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
09/02/08	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 2008

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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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 continued															
	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	
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	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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	**continued**															
	07/03/07	356.41	16.60	0.00	339.81	-0.21	ND<56	--	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.71	
	02/01/08	356.41	15.26	0.00	341.15	1.34	66	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	09/02/08	356.41	17.97	0.00	338.44	-2.71	51	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
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	--	
	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	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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																
	07/01/02	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	
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	
	07/03/07	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	02/01/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	09/02/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
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	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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																
	01/08/01	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	--	--	--	--	--	--	--	--	
	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	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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																
	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	
	07/03/07	355.59	15.60	0.00	339.99	-0.22	950	--	2300	ND<0.50	ND<0.50	1.6	0.74	--	0.89	
D	07/03/07	355.59	15.60	0.00	339.99	-0.22	890	--	--	--	--	--	--	--	--	
	02/01/08	355.59	14.28	0.00	341.31	1.32	1100	--	3100	0.88	ND<0.50	1.6	ND<1.0	--	ND<0.50	
	09/02/08	355.59	16.97	0.00	338.62	-2.69	960	--	3300	ND<1.0	ND<1.0	1.4	ND<2.0	--	ND<1.0	
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	--	--	--	--	--	--	--	--	
	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	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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	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	
	07/03/07	356.55	16.27	0.00	340.28	-0.26	540	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
D	07/03/07	356.55	16.27	0.00	340.28	-0.26	530	--	--	--	--	--	--	--	--	
	02/01/08	356.55	15.02	0.00	341.53	1.25	340	--	830	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
	09/02/08	356.55	17.71	0.00	338.84	-2.69	300	--	1500	ND<0.50	ND<0.50	0.73	ND<1.0	--	0.80	
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	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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																
	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	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1995 Through September 2008

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	
07/03/07	358.09	17.91	0.00	340.18	-0.20	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/08	358.09	16.52	0.00	341.57	1.39	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	358.09	19.32	0.00	338.77	-2.80	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC 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							
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
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 a
ADDITIONAL HISTORIC 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 continued							
09/02/08	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
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

Table 2 a
ADDITIONAL HISTORIC 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)
U-1							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<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
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	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 (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)
U-1 continued							
09/02/08	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
U-2							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<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

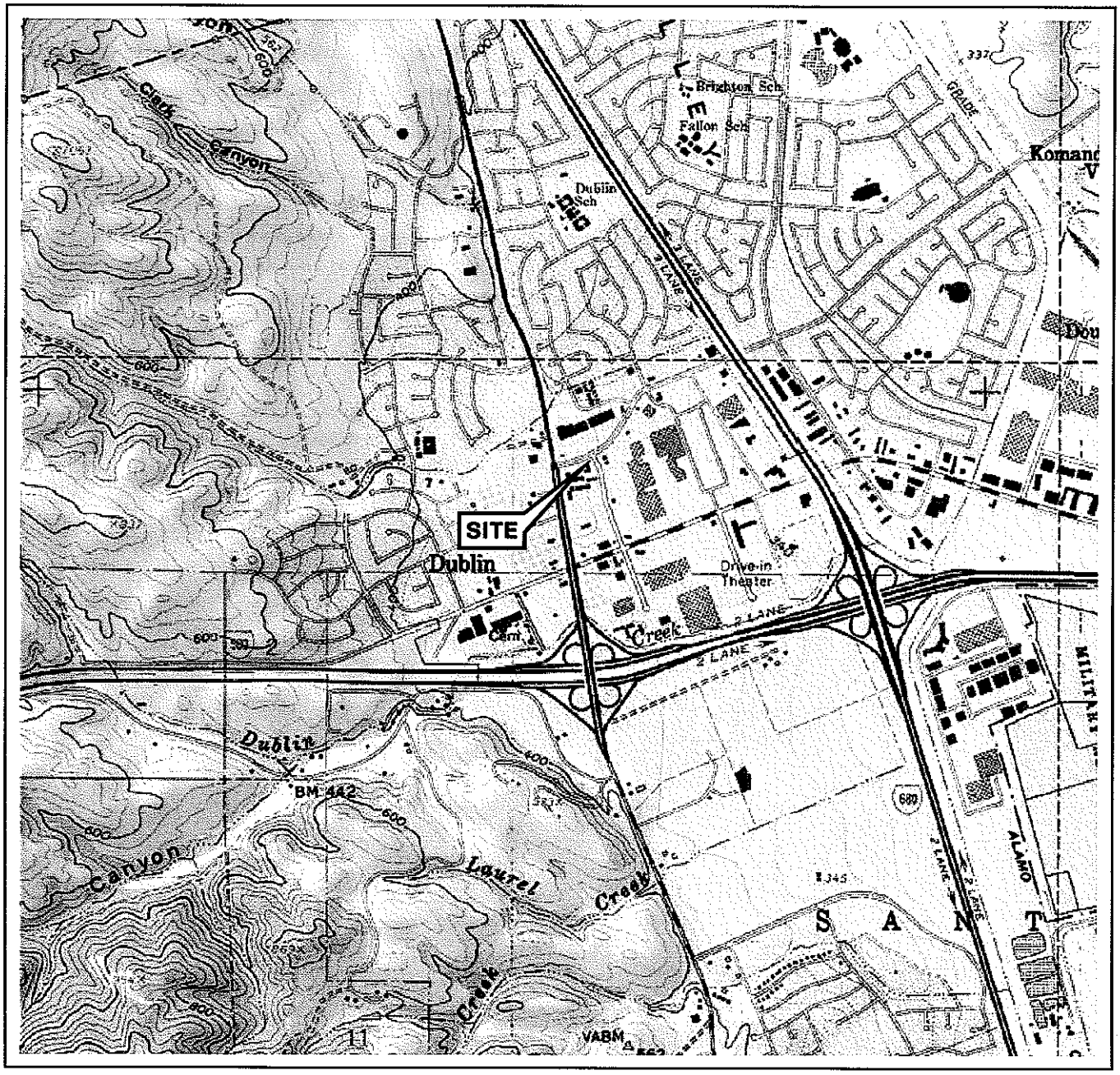
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

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)
U-2 continued							
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	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
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

Table 2 a
ADDITIONAL HISTORIC 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)
U-3 continued							
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
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

FIGURES



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

SCALE 1: 24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

TRC

PROJECT: 154771

FACILITY:

76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAP S\7176vm.dwg Nov 16, 2007 - 8:21am cvuong

LEGEND

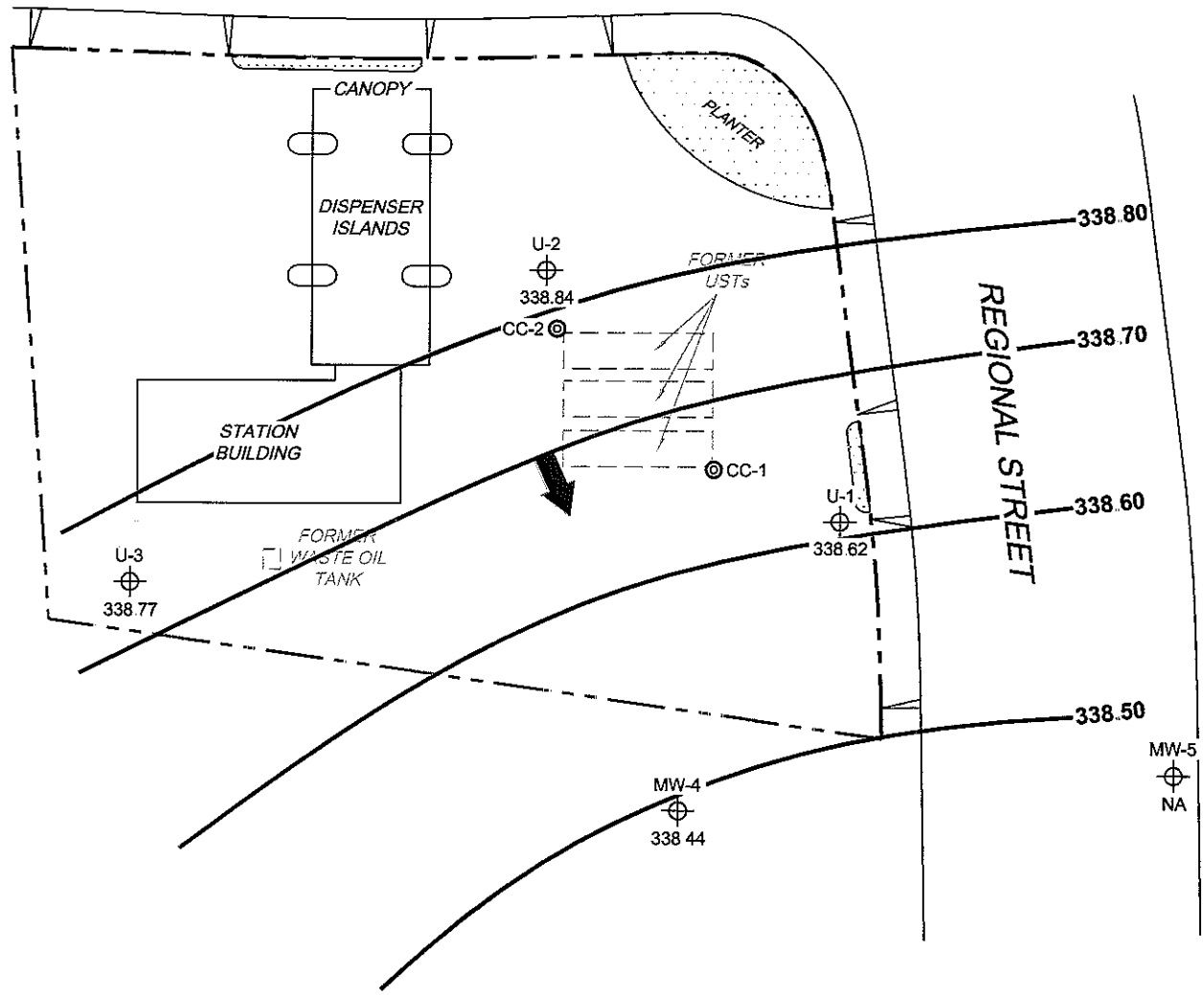
MW-5 ⊕ Monitoring Well with Groundwater Elevation (feet)

CC-2 ◎ Conductor Casing

338.80 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

N



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells
Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected
UST = underground storage tank

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
September 2, 2008

FIGURE 2

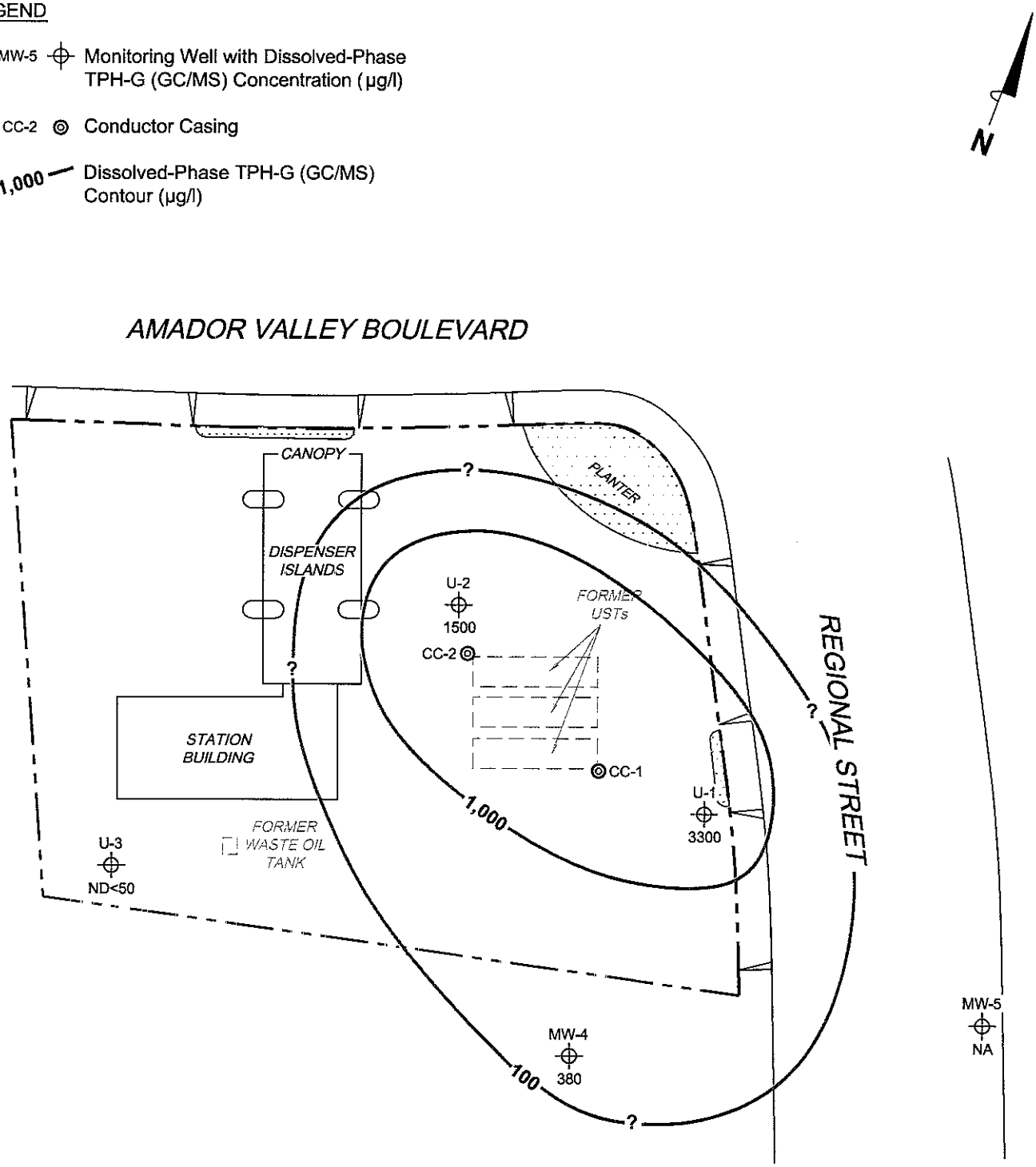
MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+I7176-QMS(NEW).dwg Oct 08, 2008 - 7:55am bschmidt

LEGEND

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

CC-2 ◎ Conductor Casing

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



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. NA = not analyzed measured or collected. UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
September 2, 2008

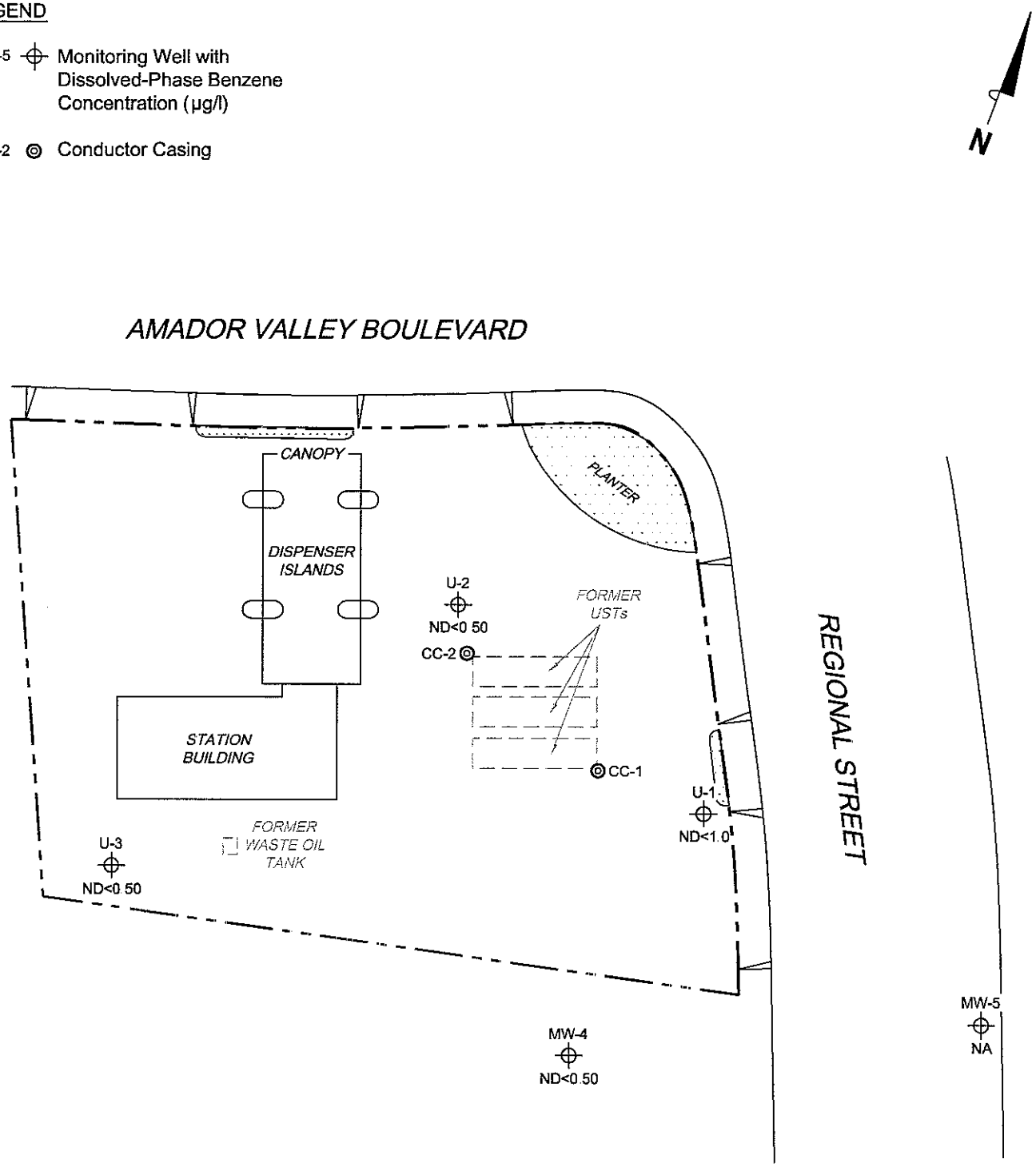
FIGURE 3

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Oct 08, 2008 - 7:55am bschmidt

LEGEND

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

CC-2 ◎ Conductor Casing



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
NA = not analyzed measured, or collected UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 2, 2008

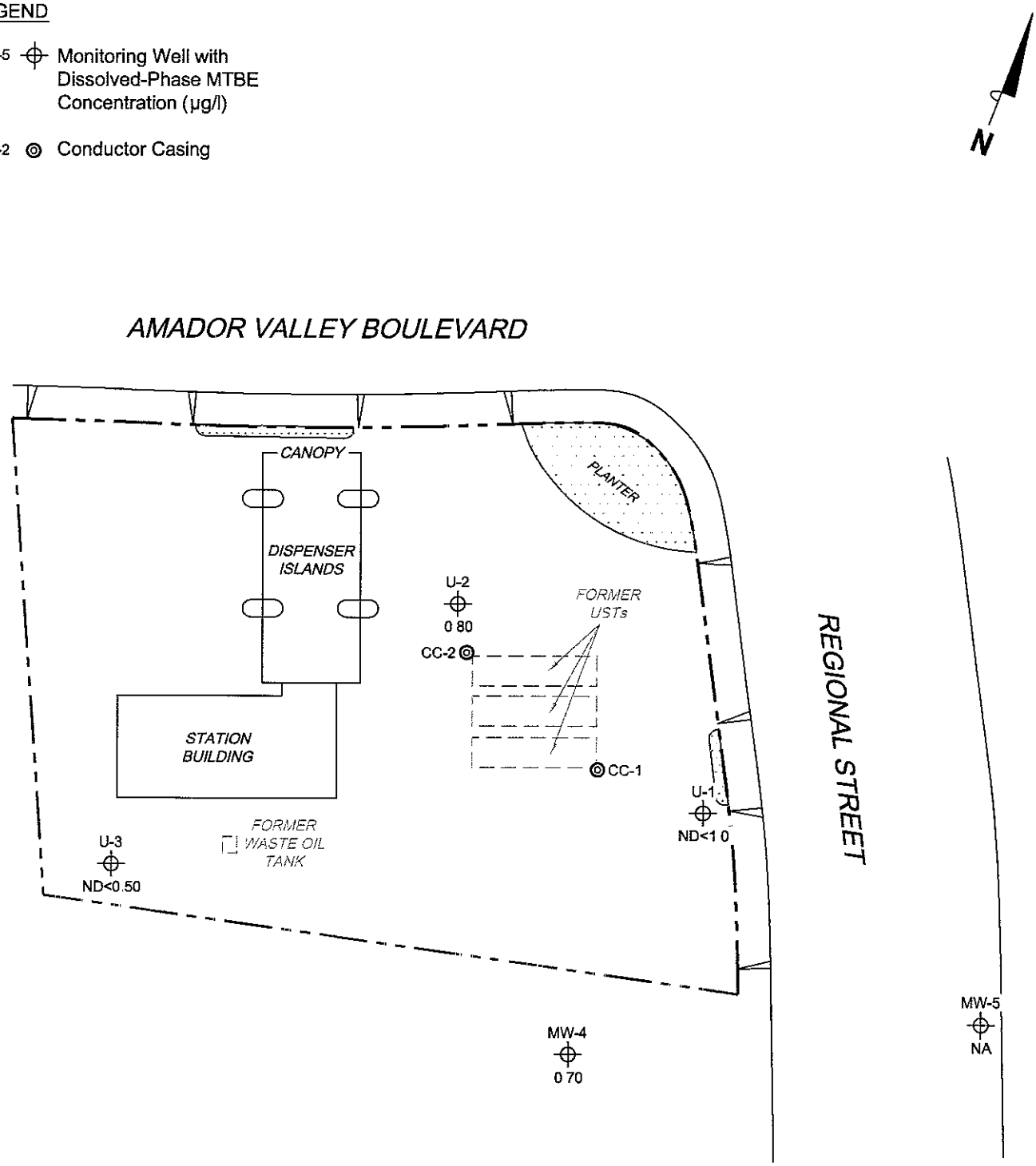
FIGURE 4

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Oct 08, 2008 - 7:55am bschmidt

LEGEND

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

CC-2 ◎ Conductor Casing



NOTES:

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

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 2, 2008

FIGURE 5

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176\i7176-QMS(NEW).dwg Oct 08, 2008 - 7:55am bschmidt

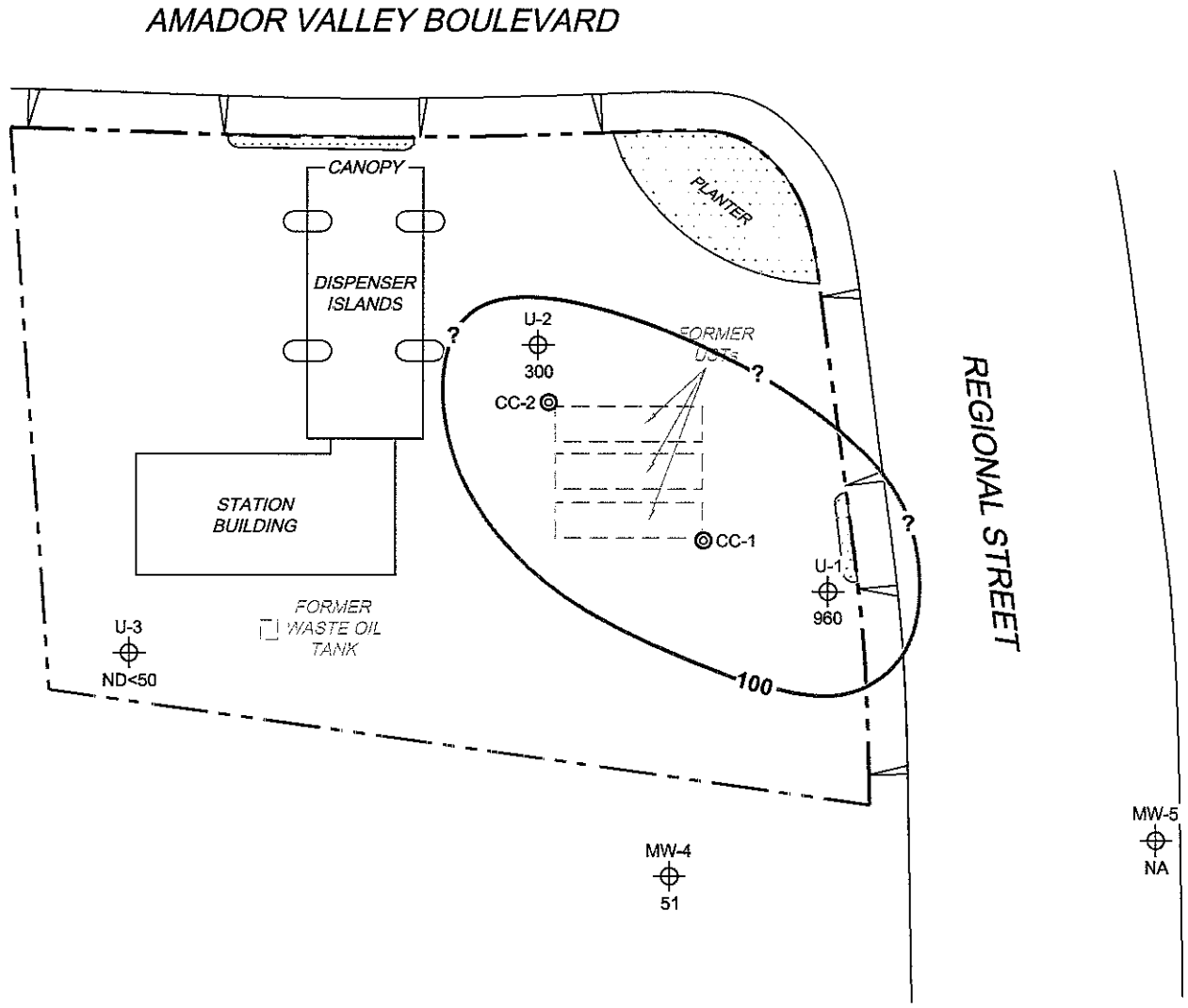
LEGEND

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

CC-2 ◎ Conductor Casing

100 Dissolved-Phase TPH-D Contour (µg/l)

N



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. NA = not analyzed measured, or collected. UST = underground storage tank Results obtained using EPA Method 8015M

SCALE (FEET)

0 40

TRC

PROJECT: 154771

FACILITY:
76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

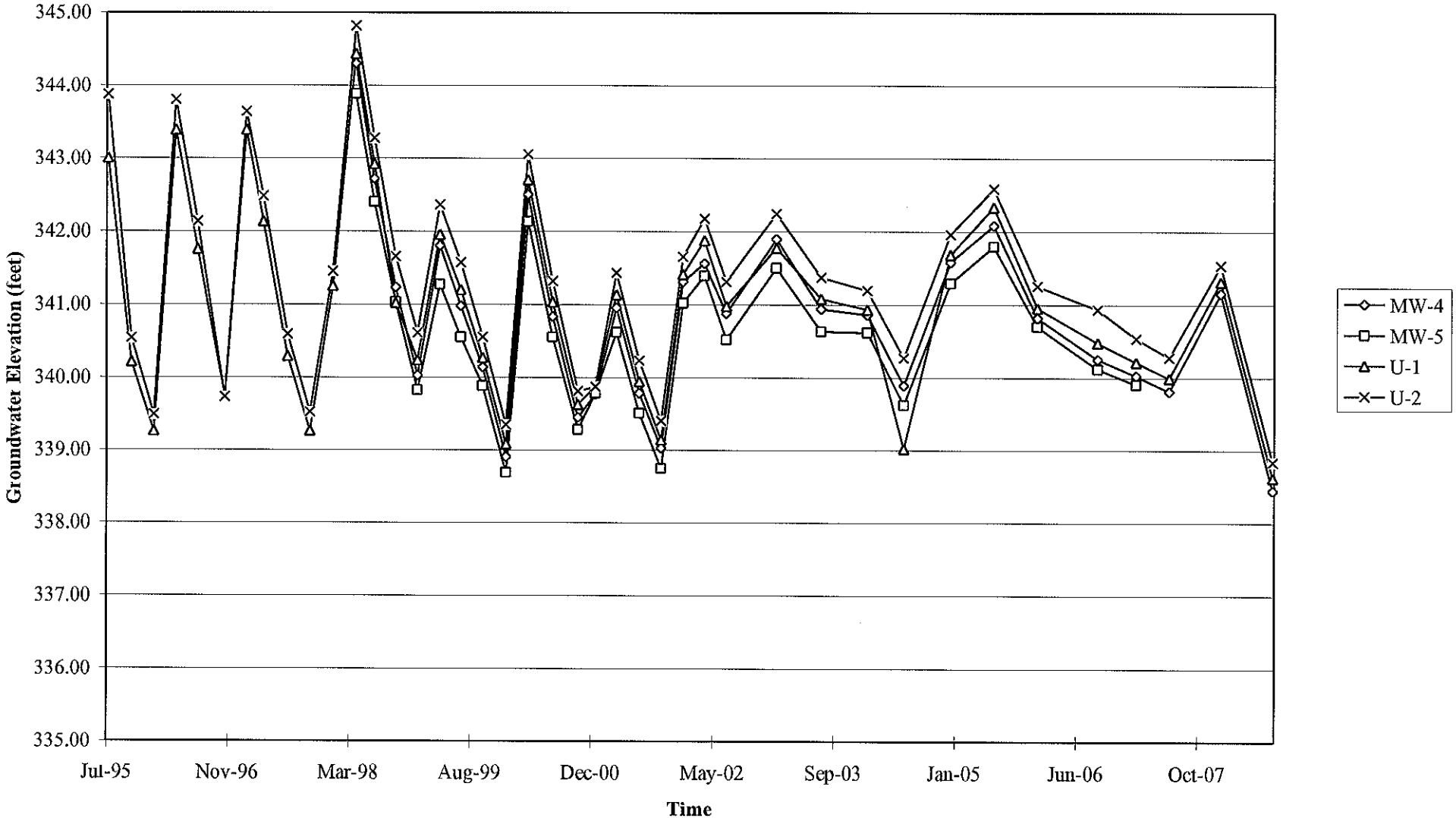
DISSOLVED-PHASE TPH-D CONCENTRATION MAP
September 2, 2008

FIGURE 6

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176\Y7176-QMS(NEW).dwg Oct 08, 2008 - 7:56am bschmidt

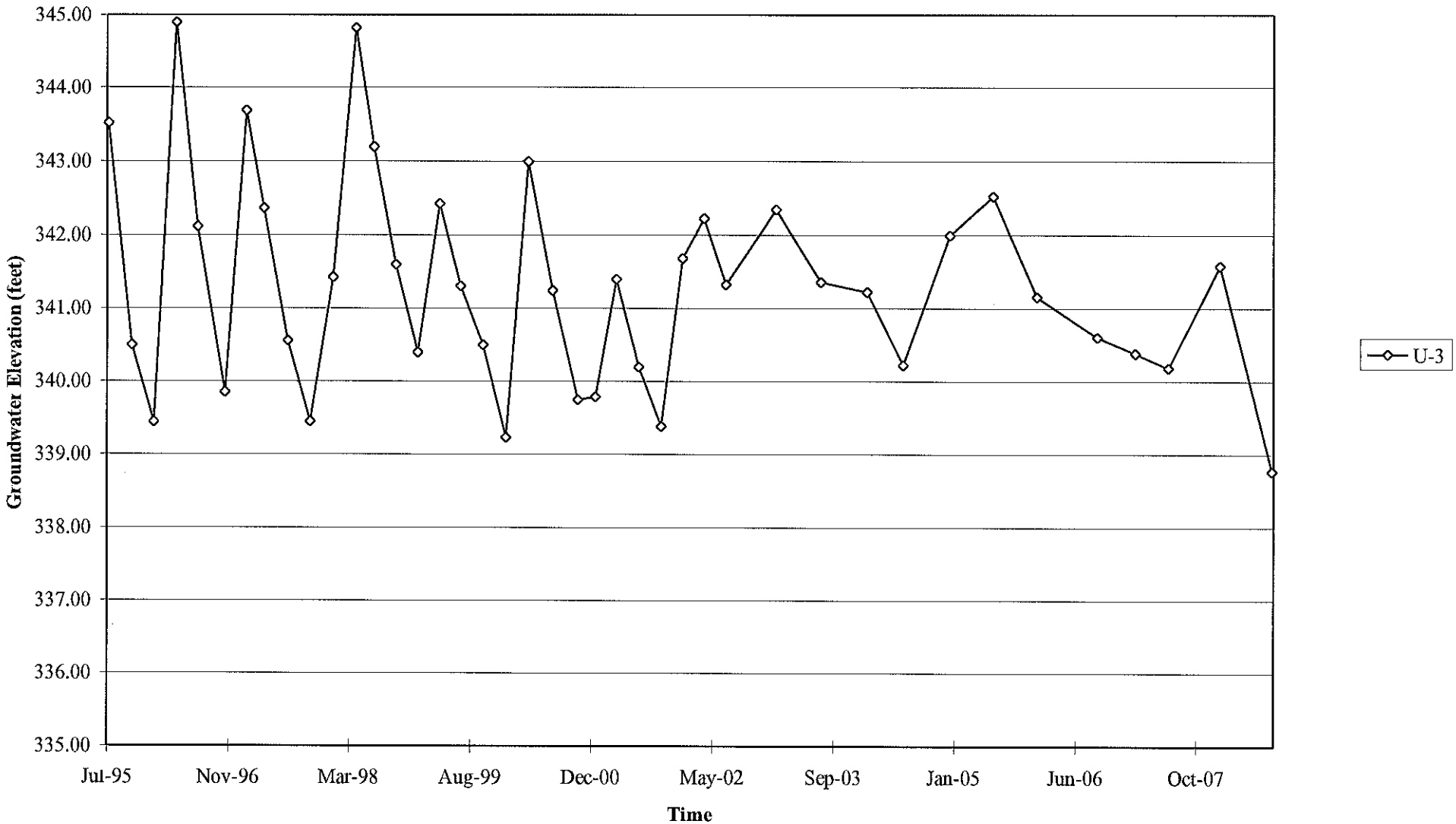
GRAPHS

Groundwater Elevations vs. Time
76 Station 7176



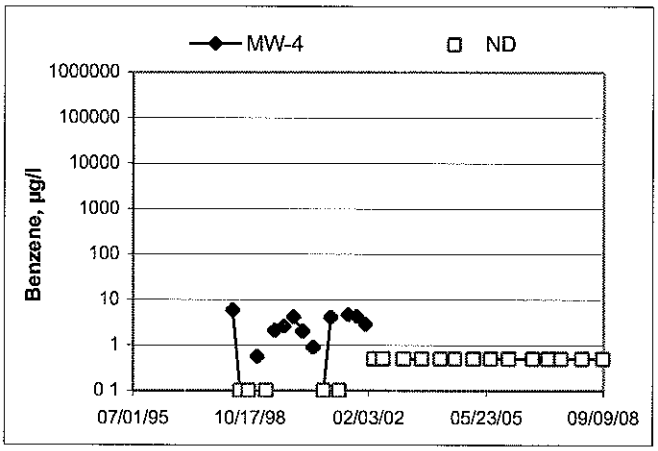
Elevations may have been corrected for apparent changes due to resurvey

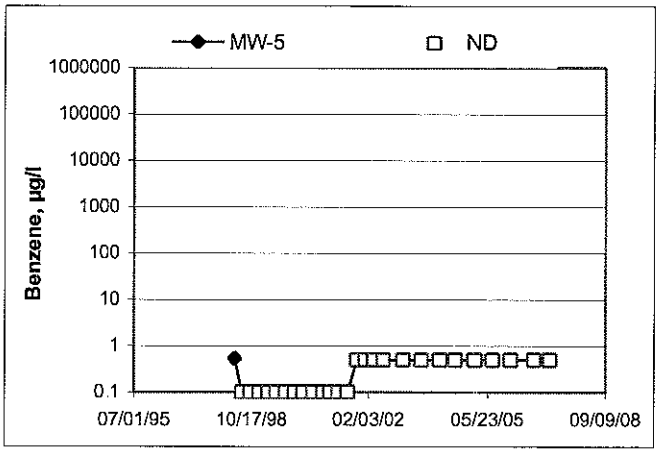
Groundwater Elevations vs. Time
76 Station 7176

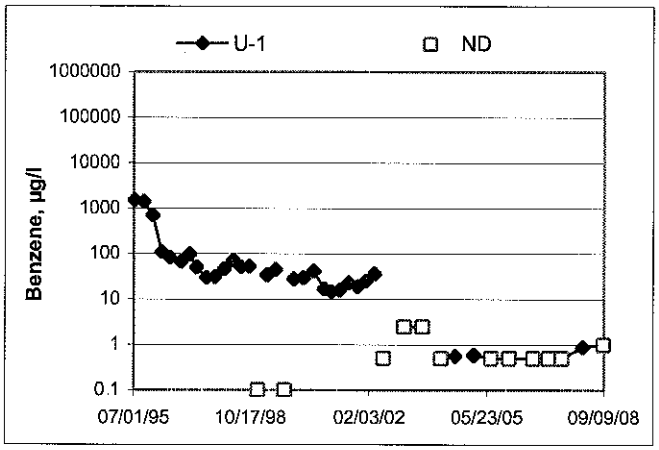


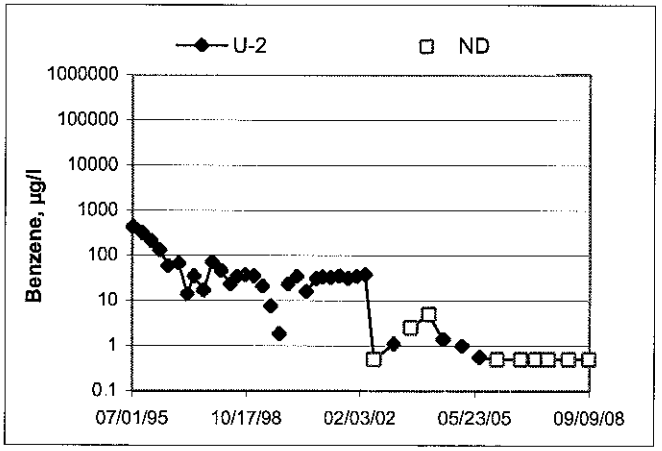
Elevations may have been corrected for apparent changes due to resurvey

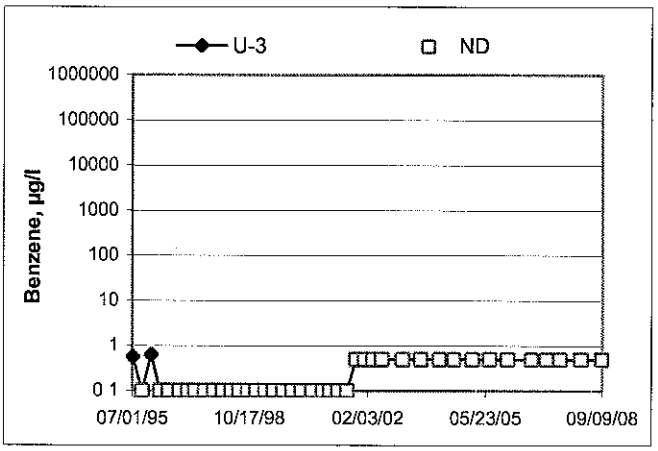
Benzene Concentrations vs Time
76 Station 7176



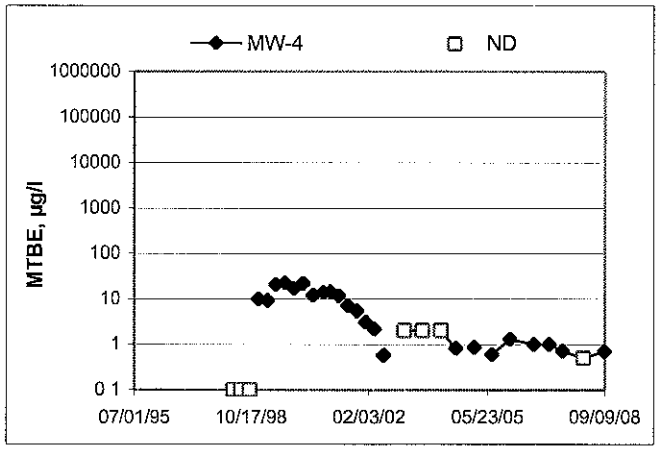


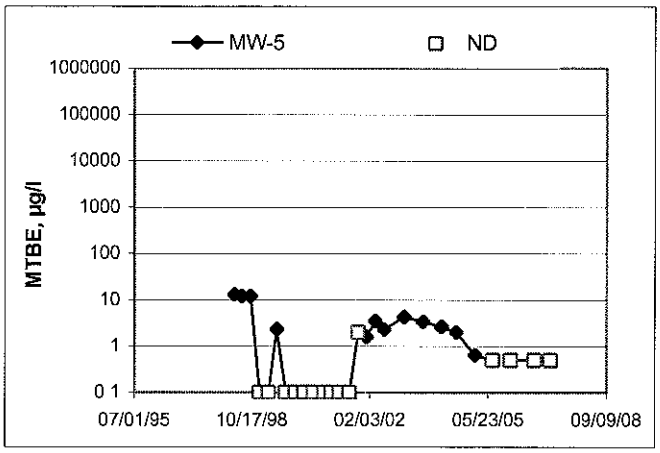


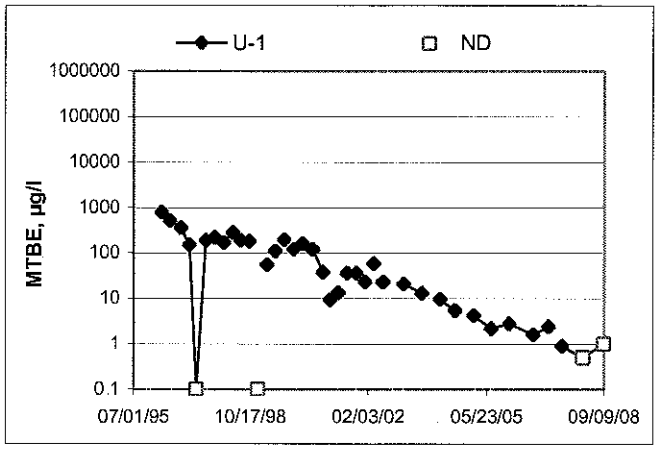


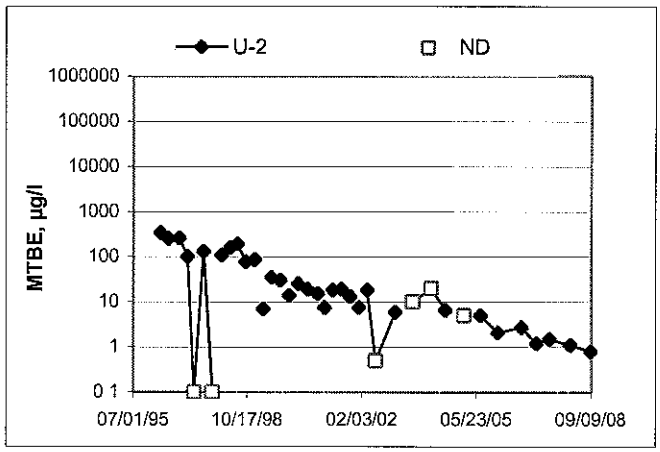


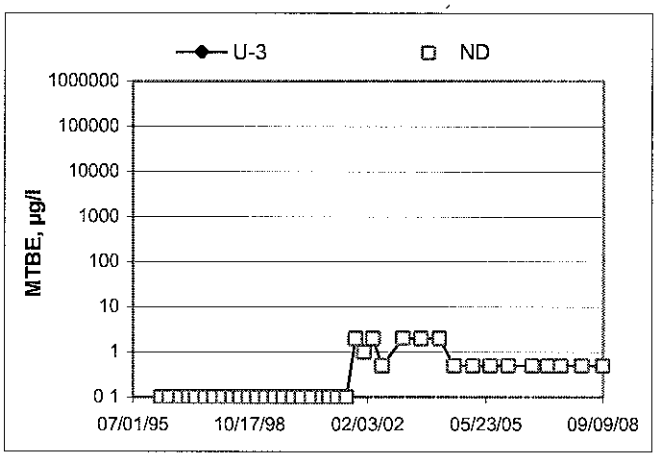
MTBE Concentrations vs Time
76 Station 7176











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 is 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 a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Andrew Vidmar Job #/Task #: 154771 / FA20 Date: 09/02/08

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

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5	✓	—	—	—	—	—	N/S	unable to access
MW-4	✓	0713	25.42	17.97	—	—	0752	2"
U-3	✓	0718	28.35	19.32	—	—	0813	2"
U-2	✓	0722	26.34	17.71	—	—	0830	2"
U-1	✓	0726	28.55	16.97	—	—	0846	2"

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

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Walters

Site: 7176 Project No.: 154771 Date: 09/02/08

Well No. MW-4 Purge Method: HB

Depth to Water (feet): 17.97 Depth to Product (feet): —

Total Depth (feet) 25.42 LPH & Water Recovered (gallons): —

Water Column (feet): 7.45 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.46 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. (mg/L)	ORP	Turbidity
0746			2	1321	19.0	7.80			
			4	1306	20.2	7.19			
	0747		6	1306	20.5	6.98			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.03	6	0752

Comments:

Well No. U-3 Purge Method: Sub

Depth to Water (feet): 19.32 Depth to Product (feet): —

Total Depth (feet) 28.35 LPH & Water Recovered (gallons): —

Water Column (feet): 9.03 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 21.13 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. (mg/L)	ORP	Turbidity
0804			2	1268	18.4	7.68			
			4	1268	19.8	7.28			
	0808		6	1270	20.2	7.10			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.37	6	0813

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vidlers

Site: 7176 Project No.: 154771 Date: 09/02/08

Well No. U-2 Purge Method: Sub

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

Total Depth (feet) 26.34 LPH & Water Recovered (gallons): —

Water Column (feet): 8.63 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.44 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. (mg/L)	ORP	Turbidity
0821			2	1246	19.3	6.92			
			4	1194	20.3	6.82			
	0825		6	1190	20.6	6.78			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.92	6	0830

Comments:

Well No. U-1 Purge Method: Sub

Depth to Water (feet): 16.97 Depth to Product (feet): —

Total Depth (feet) 28.55 LPH & Water Recovered (gallons): —

Water Column (feet): 11.58 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.29 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. (mg/L)	ORP	Turbidity
0838			2	1080	20.0	6.90			
			4	1084	20.7	6.80			
	0842		6	1094	20.9	6.78			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.19	6	0846

Comments:

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 04/02/08 STATION NUMBER: 7176

NAME OF TECH: Andrew Vidvers CALLED GORDON: _____

CALLED PM: ✓ NAME OF PM CALLED: A Collins

WELL NUMBER: MW-5 STATEMENT FROM PM _____ OR TECH ✓

Unable to access. Slurry over well

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/17/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 7176
BC Work Order: 0811618

Enclosed are the results of analyses for samples received by the laboratory on 9/3/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811618-01	**COC Number:**	---	**Receive Date:**	09/03/2008 23:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/02/2008 07:52	Global ID: T0600101883
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811618-02	**COC Number:**	---	**Receive Date:**	09/03/2008 23:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/02/2008 08:13	Global ID: T0600101883
	Sampling Location:	U-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-3	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811618-03	**COC Number:**	---	**Receive Date:**	09/03/2008 23:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/02/2008 08:30	Global ID: T0600101883
	Sampling Location:	U-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-2	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0811618-04	**COC Number:**	---	**Receive Date:**	09/03/2008 23:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	09/02/2008 08:46	Global ID: T0600101883
	Sampling Location:	U-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-1	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/17/2008 13:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811618-01 | **Client Sample Name:** 7176, MW-4, MW-4, 9/2/2008 7:52:00AM

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	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	0.70	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	380	ug/L	50		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 08:55	SDU	MS-V10	1	BRI0413		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0811618-01 | **Client Sample Name:** 7176, MW-4, MW-4, 9/2/2008 7:52:00AM

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)	51	ug/L	50		Luft/TPHd	09/08/08	09/16/08 01:08	CKD	GC-5	1	BRI1115	ND	
Tetracosane (Surrogate)	89.1	%	28 - 139 (LCL - UCL)		Luft/TPHd	09/08/08	09/16/08 01:08	CKD	GC-5	1	BRI1115		

TRC
21 Technology Drive
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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/17/2008 13:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811618-02 | **Client Sample Name:** 7176, U-3, U-3, 9/2/2008 8:13:00AM

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	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	96.0	%	88 - 110	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115	(LCL - UCL)	EPA-8260	09/05/08	09/06/08 09:13	SDU	MS-V10	1	BRI0413		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0811618-02 | **Client Sample Name:** 7176, U-3, U-3, 9/2/2008 8:13:00AM

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	09/08/08	09/16/08 02:06	CKD	GC-5	1	BRI1115	ND	
Tetracosane (Surrogate)	80.4	%	28 - 139 (LCL - UCL)		Luft/TPHd	09/08/08	09/16/08 02:06	CKD	GC-5	1	BRI1115		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/17/2008 13:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811618-03 | **Client Sample Name:** 7176, U-2, U-2, 9/2/2008 8:30:00AM

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	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Ethylbenzene	0.73	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Methyl t-butyl ether	0.80	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
Total Purgeable Petroleum Hydrocarbons	1500	ug/L	50		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413		
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413		
4-Bromofluorobenzene (Surrogate)	115	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/06/08 09:31	SDU	MS-V10	1	BRI0413		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0811618-03 | **Client Sample Name:** 7176, U-2, U-2, 9/2/2008 8:30:00AM

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)	300	ug/L	50		Luft/TPHd	09/08/08	09/16/08 02:21	CKD	GC-5	1	BRI1115	ND	
Tetracosane (Surrogate)	83.3	%	28 - 139 (LCL - UCL)		Luft/TPHd	09/08/08	09/16/08 02:21	CKD	GC-5	1	BRI1115		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/17/2008 13:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811618-04 | **Client Sample Name:** 7176, U-1, U-1, 9/2/2008 8:46:00AM

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	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
1,2-Dibromoethane	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
1,2-Dichloroethane	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Ethylbenzene	1.4	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Toluene	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Total Xylenes	ND	ug/L	2.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
t-Amyl Methyl ether	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
t-Butyl alcohol	ND	ug/L	20		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Diisopropyl ether	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Ethanol	ND	ug/L	500		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Ethyl t-butyl ether	ND	ug/L	1.0		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
Total Purgeable Petroleum Hydrocarbons	3300	ug/L	100		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	09/05/08	09/08/08 21:39	SDU	MS-V10	2	BRI0413		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0811618-04 | **Client Sample Name:** 7176, U-1, U-1, 9/2/2008 8:46:00AM

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)	960	ug/L	50		Luft/TPHd	09/08/08	09/16/08 02:35	CKD	GC-5	1	BRI1115	ND	
Tetracosane (Surrogate)	81.7	%	28 - 139 (LCL - UCL)		Luft/TPHd	09/08/08	09/16/08 02:35	CKD	GC-5	1	BRI1115		

TRC
21 Technology Drive
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Project: 7176
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/17/2008 13:27

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	BRI0413	Matrix Spike	0811678-02	0	23.590	25.000	ug/L		94.4		70 - 130	
		Matrix Spike Duplicate	0811678-02	0	23.610	25.000	ug/L	0	94.4	20	70 - 130	
Toluene	BRI0413	Matrix Spike	0811678-02	0	23.330	25.000	ug/L		93.3		70 - 130	
		Matrix Spike Duplicate	0811678-02	0	23.750	25.000	ug/L	1.8	95.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	9.6400	10.000	ug/L		96.4		76 - 114	
		Matrix Spike Duplicate	0811678-02	ND	9.7200	10.000	ug/L		97.2		76 - 114	
Toluene-d8 (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	9.6200	10.000	ug/L		96.2		88 - 110	
		Matrix Spike Duplicate	0811678-02	ND	9.9800	10.000	ug/L		99.8		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0413	Matrix Spike	0811678-02	ND	10.360	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0811678-02	ND	10.340	10.000	ug/L		103		86 - 115	

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BRI1115	Matrix Spike	0807421-82	0	333.66	500.00	ug/L		66.7		36 - 130	
		Matrix Spike Duplicate	0807421-82	0	309.71	500.00	ug/L	7.5	61.9	30	36 - 130	
Tetracosane (Surrogate)	BRI1115	Matrix Spike	0807421-82	ND	16.912	20.000	ug/L		84.6		28 - 139	
		Matrix Spike Duplicate	0807421-82	ND	15.275	20.000	ug/L		76.4		28 - 139	

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

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	BRI0413	BRI0413-BS1	LCS	24.720	25.000	0.50	ug/L	98.9		70 - 130		
Toluene	BRI0413	BRI0413-BS1	LCS	25.680	25.000	0.50	ug/L	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	BRI0413-BS1	LCS	9.7900	10.000		ug/L	97.9		76 - 114		
Toluene-d8 (Surrogate)	BRI0413	BRI0413-BS1	LCS	9.8900	10.000		ug/L	98.9		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI0413	BRI0413-BS1	LCS	10.310	10.000		ug/L	103		86 - 115		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

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)	BRI1115	BRI1115-BS1	LCS	342.06	500.00	50	ug/L	68.4		48 - 125		
Tetracosane (Surrogate)	BRI1115	BRI1115-BS1	LCS	16.959	20.000		ug/L	84.8		28 - 139		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/17/2008 13:27

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	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Toluene	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0413	BRI0413-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRI0413	BRI0413-BLK1	ND	ug/L	10		
Diisopropyl ether	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Ethanol	BRI0413	BRI0413-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRI0413	BRI0413-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRI0413	BRI0413-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0413	BRI0413-BLK1	99.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0413	BRI0413-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0413	BRI0413-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/17/2008 13:27

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)	BRI1115	BRI1115-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRI1115	BRI1115-BLK1	78.2	%	28 - 139 (LCL - UCL)		

TRC	Project: 7176	**Reported:** 09/17/2008 13:27
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

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.

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 0811618

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

Emissivity: .97 Container: QTA Thermometer ID: 48

Temperature: A 0.2 °C / C 0.0 °C

Date/Time 9-3-8 2312

Analyst Init: AL

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										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 3	A 3	A 3	A 3	( )	( )	( )	( )	( )	( )
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 AMBER	BC	BC	BC	BC						
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: AL Date/Time: 9/4/08 1235

A = Actual / C = Corrected

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

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

#0811618

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 7850 Amador Valley Blvd.	**21 Technology Drive** **Irvine, CA 92618-2302** **Attn: Anju Farfan**
City: Dublin	**4-digit site#:** 7176
	Workorder # 01635-4509118098
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Andrew Vidvers

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 8015	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-4	09/02/08 0752	GW			X		X	X	X			STD
-2		U-3	↓ 0813	↓			↓		↓	↓	↓			↓
-3		U-2	↓ 0830	↓			↓		↓	↓	↓			↓
-4		U-1	↓ 0846	↓			↓		↓	↓	↓			↓

CHK BY DISTRIBUTION
SUB-OUT ☐

Comments: Run TPH-D with silica Gel Cleanup on hits

GLOBAL ID: T0600101883

Relinquished by: (Signature)	Received by:	Date & Time
[signature]	Ross Weekley	9/3/08 1530
Ross Weekley 9/3/08	R. Rueger	9.3.08 2030
R. Rueger	[signature]	9.3.08 2300

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.