ConocoPhillips
76 Broadway
Sacramento, California 95818

April 15, 2010

Paresh C. Khatri
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: ***Semi Annual Summary Report (SASR)—Fourth quarter 2009-First Quarter 2010***
76 Service Station # 7176 RO # 0000482
7850 Amador Valley Blvd.
Dublin, CA

Dear Mr. Khatri:

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

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

April 15, 2010

Mr. Paresh Khatri
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Semi-Annual Summary Report – Fourth Quarter 2009 through First Quarter 2010**
Fuel leak Case No. RO0000482

DELTA

Dear Mr. Khatri:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the *Semi-Annual Summary Report – Fourth Quarter 2009 through First Quarter 2010* and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report, October 2009 through March 2010*, dated February 11, 2010, for the following location:

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

Sincerely,
Delta Consultants

Jan Wagoner
Senior Project Manager

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/10
GEOLOGY
STATE OF CALIFORNIA

James B. Barnard, P.G.
California Registered Professional Geologist No. 7478

cc: Mr. Terry Grayson, ConocoPhillips (electronic copy)

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

SEMI-ANNUAL SUMMARY REPORT
Fourth Quarter 2009 through First Quarter 2010
76 Service Station No. 7176
7850 Amador Valley Road
Dublin, California

PREVIOUS ASSESSMENT

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

October 1995 Six soil borings (B1 through B6) and three on-site monitor wells (U1 through U3) were installed.

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

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.

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

November 2004 Four soil borings (SB-1 through SB-4) were advanced. The site data is documented in the December 10, 2004 *Limited Phase II Environmental Site Assessment* report. Based on the report of findings, residual concentrations of total petroleum hydrocarbons as diesel (TPHd) (7.1 mg/kg) were reported in the vicinity of SB-3. Dissolved hydrocarbon concentrations were reported in each soil boring with the exception of SB-4. Maximum concentrations were reported as follows: TPHd [1,100 micrograms per liter (µg/L) in SB-1], total petroleum hydrocarbons as gasoline (TPHg) (9,700 µg/L in SB-3) and methyl tertiary butyl ether (MTBE) (3.0 µg/L in SB-1). Benzene was not reported above the laboratories indicated reporting limit of 2.5 µg/L.

January 2005 ATC became the new site lead consultant.

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

January 2010: Delta advanced on on-site cone penetrometer (CPT) boring to perform a vertical assessment of groundwater at the site. With the exception of TPHd, petroleum hydrocarbon concentrations in samples collected during this investigation were below the laboratory's reporting limits. The reported concentrations of TPHd were below the Bay Area Regional Water Quality Control Board Primary Environmental Screening Levels (ESLs) of 100 µg/L (Table 5)

SENSITIVE RECEPTORS

July 2007 Delta conducted a sensitive receptor survey to identify all water supply wells within a one-mile radius of the site and sensitive receptors within 1,000 feet from the site. Using the DWR well logs, a total of 28 water supply wells were identified as being within a one-mile radius of the subject site. The closest down-gradient well is a cathodic protection well located approximately 0.8 miles southeast of the site. The closest water supply well is a domestic well located approximately 0.4 miles southwest of the site. No water bodies, schools, daycare centers, hospitals, or churches acting as a potential school or daycare facilities were identified within the survey area. Site Locator Sensitive Receptor Map is included as Attachment A.

GROUNDWATER MONITORING AND SAMPLING

This site is monitored and sampled on a semi-annual basis during the first and third quarters. The monitoring and sampling network consists of 3 on-site and 2 off-site wells. Samples collected from the monitoring wells are analyzed for TPHd by Environmental Protection Agency (EPA) Method 8015M, total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE, diisopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), ethylene dichloride (EDC), ethylene dibromide (EDB) and ethanol by EPA Method 8260B. TRC has been retained to perform the monitoring and sampling. A copy of TRC's *Semi-Annual Monitoring Report October 2009 through March 2010*, dated February 2, 2010 and has been forwarded with this report.

During the most recent groundwater monitoring and sampling event, conducted on January 14, 2010, depth to groundwater ranged from 16.94 feet (MW-5) to 19.54 feet (U-3) below top of casing (TOC). The groundwater flow direction was interpreted to be north with a gradient of 0.01 foot per foot (ft/ft). Groundwater flow direction and gradient during the previous event was interpreted to be east with a flow gradient of 0.003 ft/ft. Historically, groundwater flow direction has been predominantly southeast. Delta will review future groundwater flow direction and gradient to evaluate if the groundwater flow direction reported during the first quarter 2010 is an anomaly or an indication of a trend indicating a shift in groundwater flow direction. Historical groundwater flow directions are shown in a rose diagram presented as Attachment B.

All monitoring and sampling activities during the first quarter 2010 were performed by TRC and reviewed and certified by a TRC California Professional Geologist. The groundwater sampling data package which includes the groundwater monitoring field data sheets are provided as Attachment C.

CONSTITUENTS OF CONCERN

TPHg was above the laboratory's indicated reporting limit in groundwater samples collected from three of the five wells sampled with a maximum concentration of 1,700 µg/L in U-1 during the current sampling event. This is an increase from a maximum concentration of 1,600 µg/L in both U-1 and U-2 during the previous sampling event (8/21/09). Wells U-2 and MW-4 showed TPHg concentrations of 1,300 µg/L and 220 µg/L, respectively, during the current event. TPHg concentrations reported during the first quarter 2010 sampling event are consistent with historical concentrations at the site.

TPHd was above the laboratory's indicated reporting limit in groundwater samples collected from three of the five wells sampled with a maximum concentration of 800 µg/L in U-1 during the current sampling event. This is an increase from a maximum concentration of 620 µg/L in this well during the previous sampling event (8/21/09). Wells U-2 and MW-4 showed TPHd concentrations of 440 µg/L and 66 µg/L, respectively, during the current event. TPHd concentrations reported during the first quarter 2010 sampling event are consistent with historical concentrations at the site.

Benzene was below the laboratory's indicated reporting limits in each of the groundwater samples collected from all five monitoring wells during the current event. This is consistent with the previous sampling event.

Toluene was below the laboratory's indicated reporting limits in groundwater samples collected from all five wells sampled during the current sampling event. Toluene was reported above the laboratory's indicated reporting limit in one well during the previous sampling event (0.67 µg/L in U-2).

Ethybenzene was below laboratory's indicated reporting limits in groundwater samples collected from all five wells sampled during the current sampling event. Ethyl-benzene was reported above the laboratory's indicated reporting limit in one well during the previous sampling event (0.72 µg/L in U-2).

Total Xylenes were below the laboratory's indicated reporting limit in groundwater samples collected from all five wells sampled during the current sampling event. Total xylenes were reported above the laboratory's indicated reporting limit in one well during the previous sampling event (1.1 µg/L in U-2).

MTBE was below the laboratory's indicated reporting limit in groundwater samples collected from all five wells sampled during the current sampling event. MTBE was reported above the laboratory's indicated reporting limit in one well during the previous sampling event (0.66 µg/L in U-2).

TBA, Ethanol, EDB, EDC, DIPE, ETBE, and TAME were all below the laboratory's indicated reporting limits in groundwater samples collected from all five wells sampled during the current sampling event.

REMEDIATION STATUS

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

Active remediation is currently not being conducted at the site.

CHARACTERIZATION STATUS

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

Contaminants of concern benzene and MTBE are not present above State of California drinking water standards. Analytical data collected during the most recent groundwater monitoring and sampling event indicate that MTBE and benzene concentrations in the groundwater are below laboratory indicated reporting limits.

Based on the data collected during groundwater monitoring and sampling activities at the site it appears that TPHg and TPHd concentrations in the groundwater are stable or decreasing.
In addition, with the exception of the most recent gauging event in January, 2010, historically the average groundwater gradient at the site is 0.005 ft/ft. This is relatively flat and indicates that the off-site potential for petroleum hydrocarbon plume migration is minimized.

RECENT CORRESPONDENCE

October 22, 2009 ACEH letter (Subject: Subject: *Fuel Leak Case No. R00000482 and GeoTracker Global ID T0600101883, UNOCAL #7176, 7850 AMADOR VALLEY BLVD, Dublin CA 94568*) to ConocoPhillips granting approval of Delta's *Work Plan for CPT Vertical Delineation*, dated May 20, 2009.

WASTE DISPOSAL SUMMARY

Two 55 gallon Department of Transportation (DOT) approved steel drums of waste material were disposed of from this site during this reporting period. One drum of soil and one drum of decontamination water were generated during air-knifing and CPT advancement activities in January, 2010. Both drums were profiled and accepted for transportation and disposal at a COP approved facility. OP) approved facility.

FOURTH QUARTER 2009 THROUGH FIRST QUARTER 2010 ACTIVITIES

1. Delta performed air-knifing, CPT data collection, and soil and groundwater sampling at the site as outlined in a *Work Plan for CPT Vertical Delineation*, dated May 20, 2009. The findings of this sampling was presented in a *CPT Vertical Delineation Report*, dated February 15, 2010.

2. TRC conducted the semi-annual monitoring and sampling activities at the site on August 21, 2009, and prepared a *Semi-Annual Summary Report – Fourth Quarter 2009 through First Quarter 2010*, dated February 2, 2009.

SECOND QUARTER THROUGH THIRD QUARTER 2010

1. TRC will perform sampling for second and third quarters 2010 and prepare a monitoring and sampling report.

2. Delta will prepare a quarterly summary report.

CONSULTANT: Delta Consultants

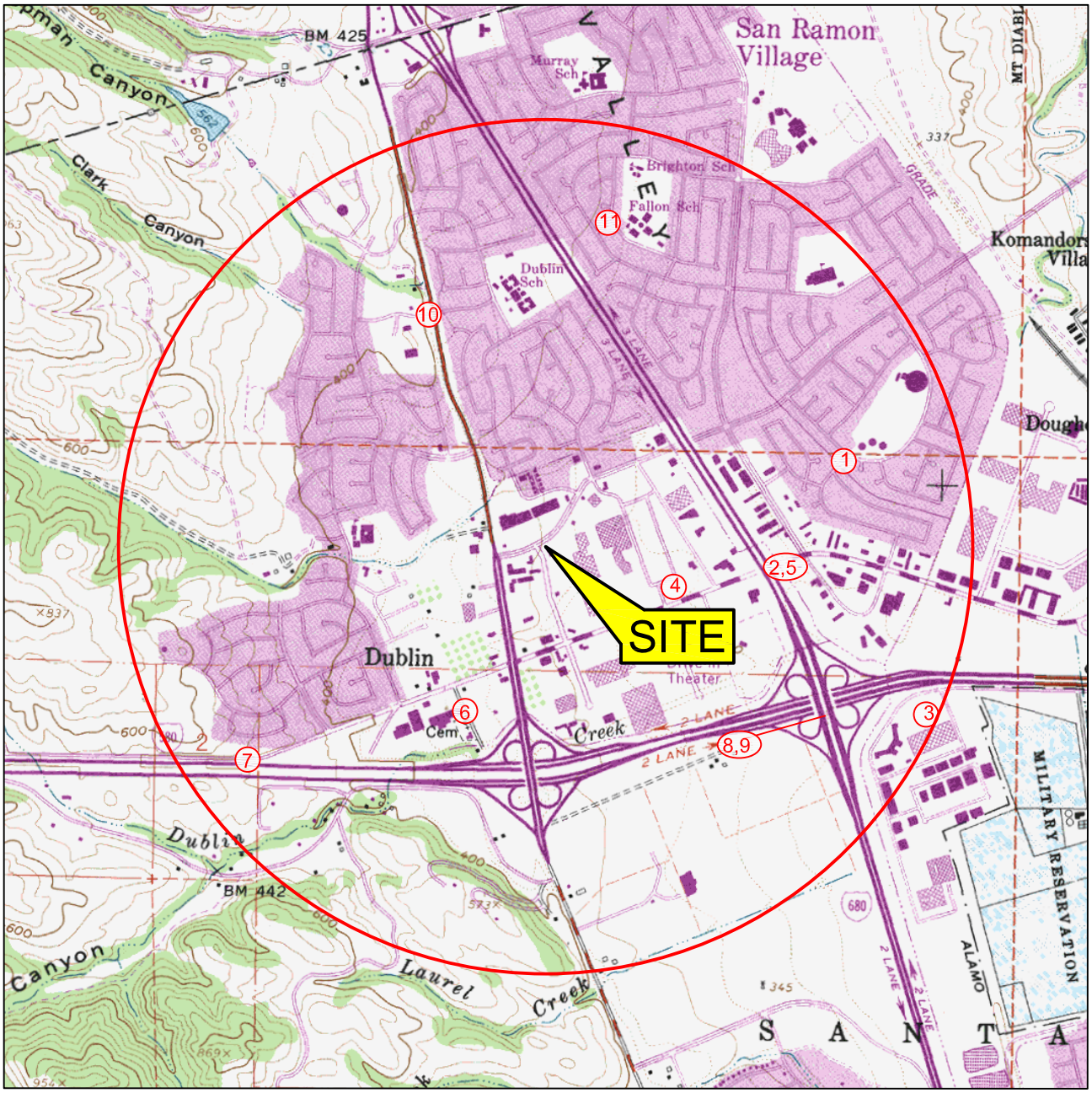
******

ATTACHMENTS

Attachment A – Site Locator Sensitive Receptor Map
Attachment B – Historic Groundwater Flow Directions (Rose Diagram)
Attachment C - Semi-Annual Monitoring Report, October 2010 through March 2010

ATTACHMENT A

Site Locator Sensitive Receptor Map



0 1000 FT 2000 FT

SCALE: 1 : 24,000

North

FIGURE 1

SITE LOCATOR SENSITIVE RECEPTOR MAP

76 STATION NO. 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

PROJECT NO. C107-176	DRAWN BY JH 12/12/06
FILE NO. Site Locator 7176	PREPARED BY JH
REVISION NO.	REVIEWED BY

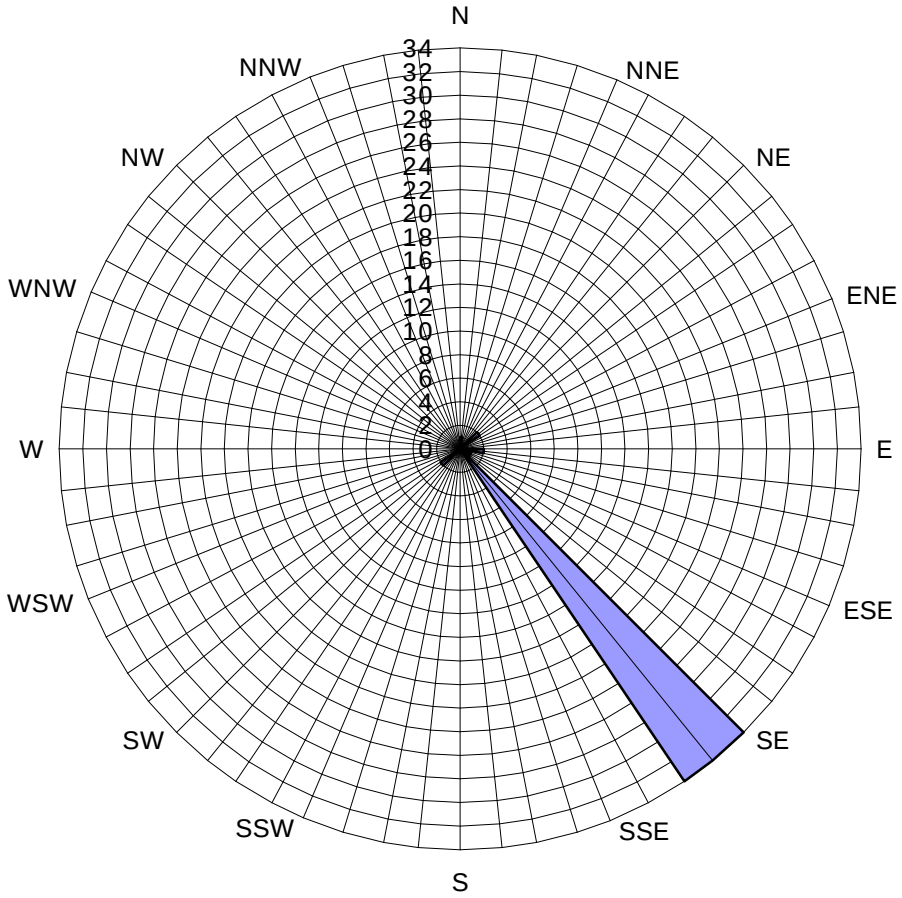
DELTA

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, DUBLIN QUADRANGLE, 1967

ATTACHMENT B

Historic Groundwater Flow Directions

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



LEGEND
Concentric circles represent quarterly montoring events.
Fourth Quarter 1995 through First Quarter 2010.
42 data points shown.

Groundwater Flow Direction

ATTACHMENT C

Semi-Annual Monitoring Report, October 2009 through March 2010

TRC

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: February 11, 2010

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
OCTOBER 2009 THROUGH MARCH 2010

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. Jan Wagoner, Delta Consultants (1 copy)

Enclosures
20-0400/7176R13.QMS

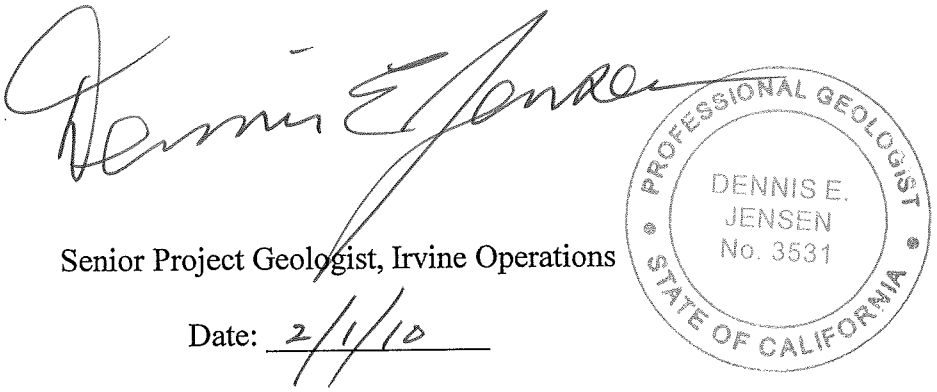
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2009 THROUGH MARCH 2010

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: 2/1/10

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map Figure 6: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 1/14/10 Groundwater Sampling Field Notes – 1/14/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2009 through March 2010
76 Station 7176
7850 Amador Valley Boulevard
Dublin, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **1/14/10**

Sample Points

Groundwater wells: **3** onsite, **2** offsite Points gauged: **5** Points sampled: **5**
Purging method: **Submersible pump/bailer**
Purge water disposal: **Crosby and Overton treatment facility**
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: **16.94 feet** Maximum: **19.54 feet**
Average groundwater elevation (relative to available local datum): **338.19 feet**
Average change in groundwater elevation since previous event: **-0.52 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, north**
Previous event: **0.003 ft/ft, east (8/21/09)**

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: **1,700 µg/l (U-1)**
Sample Points with **MTBE 8260B** **0**

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
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)
D	=	duplicate
P	=	no-purge sample

ANALYTES

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
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)

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. Prior to the 1st quarter 2010, the word "monitor" was used in table comments interchangeably with the word "gauge". Starting in the 1st quarter 2010, the word "monitor" is used to include both "gauge" and "sample".

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 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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

January 14, 2010

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 8015 (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)**												
1/14/10	356.41	18.12	0.00	338.29	-0.32	66	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5			**(Screen Interval in feet: 10.0-25.0)**												
1/14/10	355.03	16.94	0.00	338.09	-0.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-1			**(Screen Interval in feet: 10.0-30.0)**												
1/14/10	355.59	17.19	0.00	338.40	-0.29	800	--	1700	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	
U-2			**(Screen Interval in feet: 10.0-30.0)**												
1/14/10	356.55	18.94	0.00	337.61	-1.34	440	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-3			**(Screen Interval in feet: 10.0-30.0)**												
1/14/10	358.09	19.54	0.00	338.55	-0.41	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	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							
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
1/14/10	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
U-2							
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
1/14/10	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 January 2010

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 8015 (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)**												
	4/23/98	356.41	12.11	0.00	344.30	--	--	2500	--	5.9	6.4	16	31	ND	--	
	7/8/98	356.41	13.70	0.00	342.71	-1.59	1400	1000	--	ND	ND	ND	ND	ND	--	
	10/5/98	356.41	15.18	0.00	341.23	-1.48	--	890	--	ND	ND	ND	14	ND	--	
	1/4/99	356.41	16.39	0.00	340.02	-1.21	71	230	--	0.56	1.3	1.4	1.8	10	--	
D	1/4/99	356.41	16.39	0.00	340.02	-1.21	71	--	--	--	--	--	--	--	--	
	4/5/99	356.41	14.61	0.00	341.80	1.78	340	620	--	ND	1.8	2.1	ND	6	9.3	
D	4/5/99	356.41	14.61	0.00	341.80	1.78	210	--	--	--	--	--	--	--	--	
	7/1/99	356.41	15.43	0.00	340.98	-0.82	260	700	--	2.1	ND	1.9	2.4	ND	21	
D	7/1/99	356.41	15.43	0.00	340.98	-0.82	310	--	--	--	--	--	--	--	--	
	9/30/99	356.41	16.27	0.00	340.14	-0.84	420	582	--	2.6	1.30	1.98	ND	23.1	22.5	
D	9/30/99	356.41	16.27	0.00	340.14	-0.84	220	--	--	--	--	--	--	--	--	
	1/3/00	356.41	17.50	0.00	338.91	-1.23	250	800	--	4.2	4.6	3.3	11	31	17	
D	1/3/00	356.41	17.50	0.00	338.91	-1.23	260	--	--	--	--	--	--	--	--	
	4/4/00	356.41	13.91	0.00	342.50	3.59	460	710	--	2	1.3	4.4	2.0	21	22	
D	4/4/00	356.41	13.91	0.00	342.50	3.59	340	--	--	--	--	--	--	--	--	
	7/14/00	356.41	15.58	0.00	340.83	-1.67	220	490	--	0.89	1.3	0.85	1.8	21	12	
D	7/14/00	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	--	--	--	--	--	--	--	--	
	1/8/01	356.41	16.64	0.00	339.77	0.32	--	522	--	4.09	1.69	2.53	1.26	17.2	14.3	
	4/3/01	356.41	15.46	0.00	340.95	1.18	180	575	--	ND	ND	ND	ND	14.0	11.6	
D	4/3/01	356.41	15.46	0.00	340.95	1.18	ND	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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**															
	7/6/01	356.41	16.63	0.00	339.78	-1.17	230	720	--	4.7	1.5	2.5	0.74	10	7.1	
D	7/6/01	356.41	16.63	0.00	339.78	-1.17	200	--	--	--	--	--	--	--	--	
	10/5/01	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	10/5/01	356.41	17.38	0.00	339.03	-0.75	140	--	--	--	--	--	--	--	--	
	1/3/02	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	1/3/02	356.41	15.10	0.00	341.31	2.28	360	--	--	--	--	--	--	--	--	
	4/1/02	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	4/1/02	356.41	14.85	0.00	341.56	0.25	100	--	--	--	--	--	--	--	--	
	7/1/02	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	7/1/02	356.41	15.53	0.00	340.88	-0.68	97	--	--	--	--	--	--	--	--	
	1/24/03	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	1/24/03	356.41	14.52	0.00	341.89	1.01	ND<50	--	--	--	--	--	--	--	--	
	7/28/03	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	7/28/03	356.41	15.47	0.00	340.94	-0.95	130	--	--	--	--	--	--	--	--	
	2/4/04	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	
	7/2/04	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	
	1/11/05	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	1/11/05	356.41	14.83	0.00	341.58	1.69	85	--	--	--	--	--	--	--	--	
	7/8/05	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	7/8/05	356.41	14.33	0.00	342.08	0.50	67	--	--	--	--	--	--	--	--	
	1/6/06	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	
	9/11/06	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	
	2/16/07	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	7/3/07	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	
	2/1/08	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	
	9/2/08	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	
	3/6/09	356.41	15.89	0.00	340.52	2.08	ND<50	--	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	8/21/09	356.41	17.80	0.00	338.61	-1.91	ND<50	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	1/14/10	356.41	18.12	0.00	338.29	-0.32	66	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5				**(Screen Interval in feet: 10.0-25.0)**												
	4/23/98	355.03	11.15	0.00	343.88	--	--	120	--	0.53	0.90	1.0	3.8	13	--	
	7/8/98	355.03	12.63	0.00	342.40	-1.48	170	ND	--	ND	ND	ND	ND	12	--	
	10/5/98	355.03	14.00	0.00	341.03	-1.37	--	ND	--	ND	ND	ND	ND	12	--	
	1/4/99	355.03	15.21	0.00	339.82	-1.21	ND	ND	--	ND	ND	ND	ND	ND	--	
	4/5/99	355.03	13.76	0.00	341.27	1.45	ND	ND	--	ND	ND	ND	ND	ND	ND	
	7/1/99	355.03	14.48	0.00	340.55	-0.72	ND	ND	--	ND	ND	ND	ND	ND	2.3	
	9/30/99	355.03	15.15	0.00	339.88	-0.67	60.4	50.8	--	ND	ND	ND	ND	ND	ND	
D	9/30/99	355.03	15.15	0.00	339.88	-0.67	ND	--	--	--	--	--	--	--	--	
	1/3/00	355.03	16.34	0.00	338.69	-1.19	ND	ND	--	ND	ND	ND	ND	ND	ND	
	4/4/00	355.03	12.90	0.00	342.13	3.44	69	ND	--	ND	ND	ND	ND	ND	ND	
D	4/4/00	355.03	12.90	0.00	342.13	3.44	ND	--	--	--	--	--	--	--	--	
	7/14/00	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	
	1/8/01	355.03	15.25	0.00	339.78	0.50	--	ND	--	ND	ND	ND	ND	ND	ND	
	4/3/01	355.03	14.41	0.00	340.62	0.84	ND	ND	--	ND	ND	ND	ND	ND	ND	
	7/6/01	355.03	15.52	0.00	339.51	-1.11	ND	ND	--	ND	ND	ND	ND	ND	ND	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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															
10/5/01	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	
1/3/02	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	
4/1/02	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	
7/1/02	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	
1/24/03	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	
7/28/03	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	
2/4/04	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	
7/2/04	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	
1/11/05	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	
7/8/05	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 7/8/05	355.03	13.24	0.00	341.79	0.50	ND<50	--	--	--	--	--	--	--	--	
1/6/06	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	
9/11/06	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	
2/16/07	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	
7/3/07	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
2/1/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/2/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
3/6/09	355.03	14.56	0.00	340.47	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/09	355.03	16.69	0.00	338.34	-2.13	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/10	355.03	16.94	0.00	338.09	-0.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-1			**(Screen Interval in feet: 10.0-30.0)**												
7/8/95	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	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	1/11/96	355.62	16.33	0.00	339.29	-0.95	8200	8300	--	690	11	680	1500	--	--	
	4/11/96	355.62	12.20	0.00	343.42	4.13	5630	3200	--	110	ND	180	290	790	--	
	7/10/96	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	--	
	1/27/97	355.62	12.20	0.00	343.42	3.65	2300	4600	--	98	ND	360	290	150	--	
	4/8/97	355.62	13.46	0.00	342.16	-1.26	1300	2800	--	50	ND	220	140	ND	--	
	7/17/97	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	--	
	1/19/98	355.62	14.34	0.00	341.28	1.99	1900	3100	--	46	3.4	310	200	170	--	
D	1/19/98	355.62	14.34	0.00	341.28	1.99	1300	--	--	--	--	--	--	--	--	
	4/23/98	355.59	11.16	0.00	344.43	3.15	--	3400	--	72	3.8	470	350	280	--	
	7/8/98	355.59	12.67	0.00	342.92	-1.51	2000	4500	--	51	ND	590	430	190	--	
	10/5/98	355.59	14.57	0.00	341.02	-1.90	--	7500	--	53	ND	680	350	190	180	
	1/4/99	355.59	15.35	0.00	340.24	-0.78	2700	10000	--	ND	ND	1200	540	--	ND	
D	1/4/99	355.59	15.35	0.00	340.24	-0.78	2500	--	--	--	--	--	--	--	--	
	4/5/99	355.59	13.64	0.00	341.95	1.71	920	4900	--	34	ND	350	150	150	55	
D	4/5/99	355.59	13.64	0.00	341.95	1.71	570	--	--	--	--	--	--	--	--	
	7/1/99	355.59	14.39	0.00	341.20	-0.75	2700	10000	--	45	ND	850	420	260	110	
D	7/1/99	355.59	14.39	0.00	341.20	-0.75	3600	--	--	--	--	--	--	--	--	
	9/30/99	355.59	15.32	0.00	340.27	-0.93	2360	7150	--	ND	ND	415	84.4	ND	195	
D	9/30/99	355.59	15.32	0.00	340.27	-0.93	1680	--	--	--	--	--	--	--	--	
	1/3/00	355.59	16.51	0.00	339.08	-1.19	2000	5400	--	28	8.4	180	33	160	120	
D	1/3/00	355.59	16.51	0.00	339.08	-1.19	1700	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	4/4/00	355.59	12.89	0.00	342.70	3.62	990	4800	--	30	ND	210	93	170	160	
D	4/4/00	355.59	12.89	0.00	342.70	3.62	1400	--	--	--	--	--	--	--	--	
	7/14/00	355.59	14.56	0.00	341.03	-1.67	2800	6200	--	41	16	170	32	170	120	
D	7/14/00	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	--	--	--	--	--	--	--	--	
	1/8/01	355.59	15.72	0.00	339.87	0.24	--	2410	--	14.7	4.30	30.5	5.04	34.5	9.33	
	4/3/01	355.59	14.46	0.00	341.13	1.26	1500	3330	--	15.8	5.96	74.8	7.06	ND	13.3	
D	4/3/01	355.59	14.46	0.00	341.13	1.26	830	--	--	--	--	--	--	--	--	
	7/6/01	355.59	15.65	0.00	339.94	-1.19	1600	4300	--	23	6.4	57	6.8	58	36	
D	7/6/01	355.59	15.65	0.00	339.94	-1.19	1200	--	--	--	--	--	--	--	--	
	10/5/01	355.59	16.45	0.00	339.14	-0.80	2500	3800	--	19	ND<5.0	19	ND<5.0	64	36	
D	10/5/01	355.59	16.45	0.00	339.14	-0.80	2300	--	--	--	--	--	--	--	--	
	1/3/02	355.59	14.18	0.00	341.41	2.27	2200	4500	--	25	ND<10	24	ND<10	ND<100	23	
D	1/3/02	355.59	14.18	0.00	341.41	2.27	2200	--	--	--	--	--	--	--	--	
	4/1/02	355.59	13.72	0.00	341.87	0.46	1800	5300	--	36	6.7	48	12	93	59	
D	4/1/02	355.59	13.72	0.00	341.87	0.46	1200	--	--	--	--	--	--	--	--	
	7/1/02	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	7/1/02	355.59	14.61	0.00	340.98	-0.89	2100	--	--	--	--	--	--	--	--	
	1/24/03	355.59	13.82	0.00	341.77	0.79	2100	--	3400	ND<2.5	ND<2.5	37	ND<5.0	--	21	
D	1/24/03	355.59	13.82	0.00	341.77	0.79	1700	--	--	--	--	--	--	--	--	
	7/28/03	355.59	14.51	0.00	341.08	-0.69	2100	--	7100	ND<2.5	ND<2.5	12	ND<5	13	13	
D	7/28/03	355.59	14.51	0.00	341.08	-0.69	1200	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	2/4/04	355.59	14.66	0.00	340.93	-0.15	1300	--	4000	ND<0.50	ND<0.50	13	ND<1.0	--	9.6	
	7/2/04	355.59	16.57	0.00	339.02	-1.91	400	--	2600	0.56	ND<0.5	5.3	ND<1	--	5.4	
	1/11/05	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	1/11/05	355.59	13.91	0.00	341.68	2.66	1500	--	--	--	--	--	--	--	--	
	7/8/05	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	
	1/6/06	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	
	9/11/06	355.59	15.11	0.00	340.48	-0.47	1200	--	2700	ND<0.50	ND<0.50	2.0	0.79	--	1.6	
	2/16/07	355.59	15.38	0.00	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
	7/3/07	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	7/3/07	355.59	15.60	0.00	339.99	-0.22	890	--	--	--	--	--	--	--	--	
	2/1/08	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	
	9/2/08	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	
	3/6/09	355.59	14.95	0.00	340.64	2.02	670	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7	
	8/21/09	355.59	16.90	0.00	338.69	-1.95	620	--	1600	ND<0.50	ND<0.50	0.66	ND<1.0	--	ND<0.50	
	1/14/10	355.59	17.19	0.00	338.40	-0.29	800	--	1700	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	
U-2				**(Screen Interval in feet: 10.0-30.0)**												
	7/8/95	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	--	--	
	1/11/96	356.59	17.06	0.00	339.53	-1.05	8600	10000	--	210	55	1400	240	--	--	
	4/11/96	356.59	12.75	0.00	343.84	4.31	1900	7700	--	130	27	1100	110	340	--	
	7/10/96	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	--	
	1/27/97	356.59	12.91	0.00	343.68	3.91	660	1600	--	14	ND	130	7.0	100	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	4/8/97	356.59	14.07	0.00	342.52	-1.16	2000	4300	--	35	ND	400	16	ND	--	
	7/17/97	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	--	
	1/19/98	356.59	15.10	0.00	341.49	1.93	2100	5300	--	46	11	350	16	110	--	
D	1/19/98	356.59	15.10	0.00	341.49	1.93	1500	--	--	--	--	--	--	--	--	
	4/23/98	356.55	11.74	0.00	344.81	3.32	--	3200	--	23	11	210	38	160	--	
	7/8/98	356.55	13.27	0.00	343.28	-1.53	1100	1600	--	34	8.5	100	7.4	190	--	
	10/5/98	356.55	14.90	0.00	341.65	-1.63	--	2900	--	37	8.4	110	7.3	78	--	
	1/4/99	356.55	15.94	0.00	340.61	-1.04	670	2200	--	35	ND	17	ND	86	--	
D	1/4/99	356.55	15.94	0.00	340.61	-1.04	250	--	--	--	--	--	--	--	--	
	4/5/99	356.55	14.19	0.00	342.36	1.75	660	4900	--	21	77	130	310	100	6.9	
D	4/5/99	356.55	14.19	0.00	342.36	1.75	490	--	--	--	--	--	--	--	--	
	7/1/99	356.55	14.98	0.00	341.57	-0.79	210	1500	--	7.6	ND	ND	ND	ND	35	
D	7/1/99	356.55	14.98	0.00	341.57	-0.79	440	--	--	--	--	--	--	--	--	
	9/30/99	356.55	16.00	0.00	340.55	-1.02	483	256	--	1.85	ND	2.42	ND	26.3	29.8	
D	9/30/99	356.55	16.00	0.00	340.55	-1.02	340	--	--	--	--	--	--	--	--	
	1/3/00	356.55	17.20	0.00	339.35	-1.20	2400	3400	--	23	13	ND	44	46	14	
D	1/3/00	356.55	17.20	0.00	339.35	-1.20	1900	--	--	--	--	--	--	--	--	
	4/4/00	356.55	13.50	0.00	343.05	3.70	1000	3600	--	34	17	56	ND	59	25	
D	4/4/00	356.55	13.50	0.00	343.05	3.70	1000	--	--	--	--	--	--	--	--	
	7/14/00	356.55	15.23	0.00	341.32	-1.73	1000	3100	--	16	13	15	10	100	19	
D	7/14/00	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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	10/27/00	356.55	16.74	0.00	339.81	-1.51	1900	--	--	--	--	--	--	--	--	
	1/8/01	356.55	16.68	0.00	339.87	0.06	--	3300	--	33.5	7.32	3.49	ND	66.7	7.49	
	4/3/01	356.55	15.12	0.00	341.43	1.56	1500	4290	--	32.4	9.91	20.1	ND	66.6	18.1	
D	4/3/01	356.55	15.12	0.00	341.43	1.56	830	--	--	--	--	--	--	--	--	
	7/6/01	356.55	16.32	0.00	340.23	-1.20	1400	4700	--	35	11	12	5.3	62	19	
D	7/6/01	356.55	16.32	0.00	340.23	-1.20	1100	--	--	--	--	--	--	--	--	
	10/5/01	356.55	17.15	0.00	339.40	-0.83	3200	3600	--	31	9.6	8.7	6.9	62	13	
D	10/5/01	356.55	17.15	0.00	339.40	-0.83	1900	--	--	--	--	--	--	--	--	
	1/3/02	356.55	14.90	0.00	341.65	2.25	2300	4600	--	34	11	15	5.8	62	7.5	
D	1/3/02	356.55	14.90	0.00	341.65	2.25	2100	--	--	--	--	--	--	--	--	
	4/1/02	356.55	14.38	0.00	342.17	0.52	1400	3500	--	38	9.3	10	6.5	87	18	
D	4/1/02	356.55	14.38	0.00	342.17	0.52	470	--	--	--	--	--	--	--	--	
	7/1/02	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	
	1/24/03	356.55	14.31	0.00	342.24	0.93	860	--	2300	1.1	1.5	6.9	2.4	--	5.9	
D	1/24/03	356.55	14.31	0.00	342.24	0.93	570	--	--	--	--	--	--	--	--	
	7/28/03	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	7/28/03	356.55	15.18	0.00	341.37	-0.87	710	--	--	--	--	--	--	--	--	
	2/4/04	356.55	15.36	0.00	341.19	-0.18	1300	--	4400	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	
	7/2/04	356.55	16.28	0.00	340.27	-0.92	380	--	5700	1.4	2.8	6.6	5.5	--	6.6	
	1/11/05	356.55	14.59	0.00	341.96	1.69	1800	--	5800	0.99	2.5	5.4	5.1	--	ND<5.0	
D	1/11/05	356.55	14.59	0.00	341.96	1.69	1100	--	--	--	--	--	--	--	--	
	7/8/05	356.55	13.97	0.00	342.58	0.62	1100	--	3000	0.56	1.9	3.0	3.2	--	5.0	
D	7/8/05	356.55	13.97	0.00	342.58	0.62	960	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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																
	1/6/06	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	
	9/11/06	356.55	15.62	0.00	340.93	-0.32	790	--	2300	ND<0.50	ND<0.50	1.0	1.0	--	2.7	
	2/16/07	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	
	7/3/07	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	7/3/07	356.55	16.27	0.00	340.28	-0.26	530	--	--	--	--	--	--	--	--	
	2/1/08	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	
	9/2/08	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	
	3/6/09	356.55	15.60	0.00	340.95	2.11	77	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
	8/21/09	356.55	17.60	0.00	338.95	-2.00	350	--	1600	ND<0.50	0.67	0.72	1.1	--	0.66	
	1/14/10	356.55	18.94	0.00	337.61	-1.34	440	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-3				**(Screen Interval in feet: 10.0-30.0)**												
	7/8/95	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	--	--	
	1/11/96	358.13	18.65	0.00	339.48	-1.05	260	230	--	0.62	0.91	0.97	1.9	--	--	
	4/11/96	358.13	13.20	0.00	344.93	5.45	ND	68	--	ND	ND	ND	ND	ND	--	
	7/10/96	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	--	
	1/27/97	358.13	14.41	0.00	343.72	3.83	ND	ND	--	ND	ND	ND	ND	ND	--	
	4/8/97	358.13	15.73	0.00	342.40	-1.32	ND	ND	--	ND	ND	ND	ND	ND	--	
	7/17/97	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	--	
	1/19/98	358.13	16.67	0.00	341.46	1.97	68	ND	--	ND	ND	ND	ND	ND	--	
D	1/19/98	358.13	16.67	0.00	341.46	1.97	ND	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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															
4/23/98	358.09	13.28	0.00	344.81	3.35	--	ND	--	ND	ND	ND	ND	ND	--	
7/8/98	358.09	14.90	0.00	343.19	-1.62	80	ND	--	ND	ND	ND	ND	ND	--	
10/5/98	358.09	16.50	0.00	341.59	-1.60	--	ND	--	ND	ND	ND	ND	ND	--	
1/4/99	358.09	17.70	0.00	340.39	-1.20	ND	ND	--	ND	ND	ND	ND	ND	--	
4/5/99	358.09	15.67	0.00	342.42	2.03	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/1/99	358.09	16.79	0.00	341.30	-1.12	ND	ND	--	ND	ND	ND	ND	ND	ND	
9/30/99	358.09	17.60	0.00	340.49	-0.81	ND	ND	--	ND	ND	ND	ND	ND	ND	
1/3/00	358.09	18.86	0.00	339.23	-1.26	ND	ND	--	ND	ND	ND	ND	ND	ND	
4/4/00	358.09	15.10	0.00	342.99	3.76	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/14/00	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	
1/8/01	358.09	18.31	0.00	339.78	0.04	--	ND	--	ND	ND	ND	ND	ND	ND	
4/3/01	358.09	16.70	0.00	341.39	1.61	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/6/01	358.09	17.90	0.00	340.19	-1.20	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/5/01	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	
1/3/02	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	
4/1/02	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	
7/1/02	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	
1/24/03	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	
7/28/03	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	
2/4/04	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	
7/2/04	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	
1/11/05	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through January 2010
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 8015 (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															
7/8/05	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	
1/6/06	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	
9/11/06	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	
2/16/07	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	
7/3/07	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	
2/1/08	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	
9/2/08	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	
3/6/09	358.09	17.24	0.00	340.85	2.08	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/09	358.09	19.13	0.00	338.96	-1.89	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/10	358.09	19.54	0.00	338.55	-0.41	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							
4/5/99	ND	ND	ND	ND	ND	ND	ND
7/1/99	ND	ND	ND	ND	ND	ND	ND
9/30/99	ND	ND	ND	ND	ND	ND	ND
1/3/00	ND	ND	ND	ND	ND	ND	ND
4/4/00	ND	ND	ND	ND	ND	ND	ND
7/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
1/8/01	ND	ND	ND	ND	ND	ND	ND
4/3/01	ND	ND	ND	ND	ND	ND	ND
7/6/01	ND	ND	ND	ND	ND	ND	ND
10/5/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
1/3/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4/1/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/1/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
1/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
2/4/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/2/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
1/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
7/8/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/6/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
7/3/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/1/08	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)
MW-4 continued							
9/2/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
3/6/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
4/5/99	ND	ND	ND	ND	ND	ND	ND
7/1/99	ND	ND	ND	ND	ND	ND	ND
9/30/99	ND	ND	ND	ND	ND	ND	ND
1/3/00	ND	ND	ND	ND	ND	ND	ND
4/4/00	ND	ND	ND	ND	ND	ND	ND
7/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
1/8/01	ND	ND	ND	ND	ND	ND	ND
4/3/01	ND	ND	ND	ND	ND	ND	ND
7/6/01	ND	ND	ND	ND	ND	ND	ND
10/5/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
1/3/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4/1/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/1/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
1/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
2/4/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/2/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
1/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
7/8/05	ND<5.0	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 (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-5 continued							
1/6/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
3/6/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
4/5/99	ND	ND	ND	ND	ND	ND	ND
7/1/99	ND	ND	ND	ND	ND	ND	ND
9/30/99	ND	ND	ND	ND	ND	ND	ND
1/3/00	ND	ND	ND	ND	ND	ND	ND
4/4/00	ND	ND	ND	ND	ND	ND	ND
7/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
1/8/01	ND	ND	ND	ND	ND	ND	ND
4/3/01	ND	ND	ND	ND	ND	ND	ND
7/6/01	ND	ND	ND	ND	ND	ND	ND
10/5/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
1/3/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
4/1/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
7/1/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
1/24/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
7/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
2/4/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/2/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1

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							
1/11/05	5.2	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
7/8/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/6/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
7/3/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/1/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/2/08	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
3/6/09	16	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/14/10	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
U-2							
4/5/99	ND	ND	ND	ND	ND	ND	ND
7/1/99	ND	ND	ND	ND	ND	ND	ND
9/30/99	ND	ND	ND	ND	ND	ND	ND
1/3/00	ND	ND	ND	ND	ND	ND	ND
4/4/00	ND	ND	ND	ND	ND	ND	ND
7/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
1/8/01	ND	ND	ND	ND	ND	ND	ND
4/3/01	ND	ND	ND	ND	ND	ND	ND
7/6/01	ND	ND	ND	ND	ND	ND	ND
10/5/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
1/3/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
4/1/02	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0

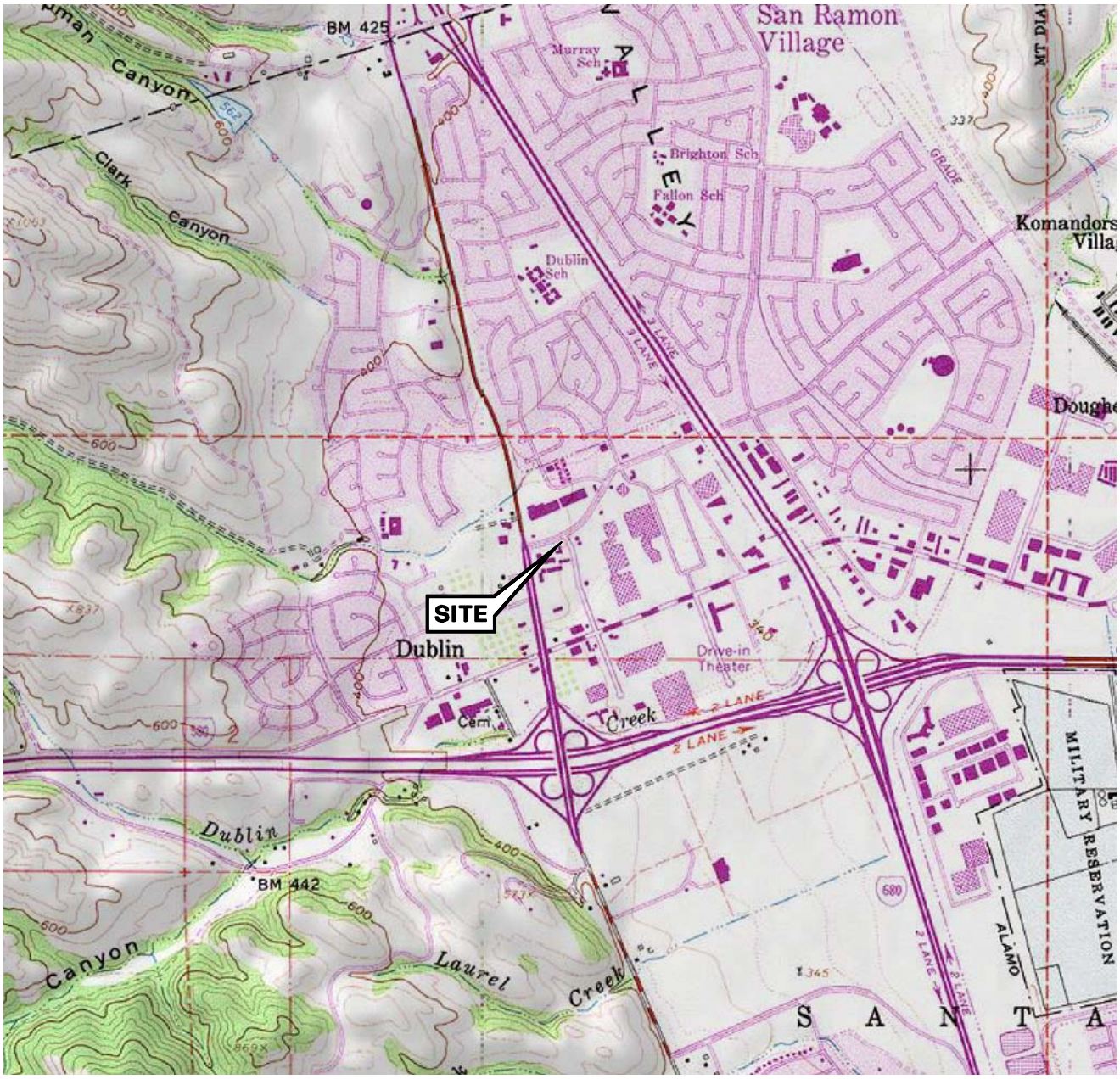
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

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							
7/1/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
1/24/03	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
7/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
2/4/04	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
7/2/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
1/11/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0
7/8/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
1/6/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
7/3/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/1/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/2/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
3/6/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
4/5/99	ND	ND	ND	ND	ND	ND	ND
7/1/99	ND	ND	ND	ND	ND	ND	ND
9/30/99	ND	ND	ND	ND	ND	ND	ND
1/3/00	ND	ND	ND	ND	ND	ND	ND
4/4/00	ND	ND	ND	ND	ND	ND	ND
7/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
1/8/01	ND	ND	ND	ND	ND	ND	ND

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							
4/3/01	ND	ND	ND	ND	ND	ND	ND
7/6/01	ND	ND	ND	ND	ND	ND	ND
10/5/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
1/3/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
4/1/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/1/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
1/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
2/4/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
7/2/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
1/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
7/8/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/6/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
7/3/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/1/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/2/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
3/6/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/14/10	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

FIGURES



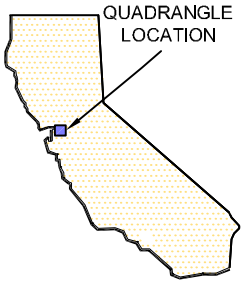
N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

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

SCALE 1: 24,000



TRC

FACILITY:

76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\7176vm.dwg Aug 12, 2009 - 9:54am aakers

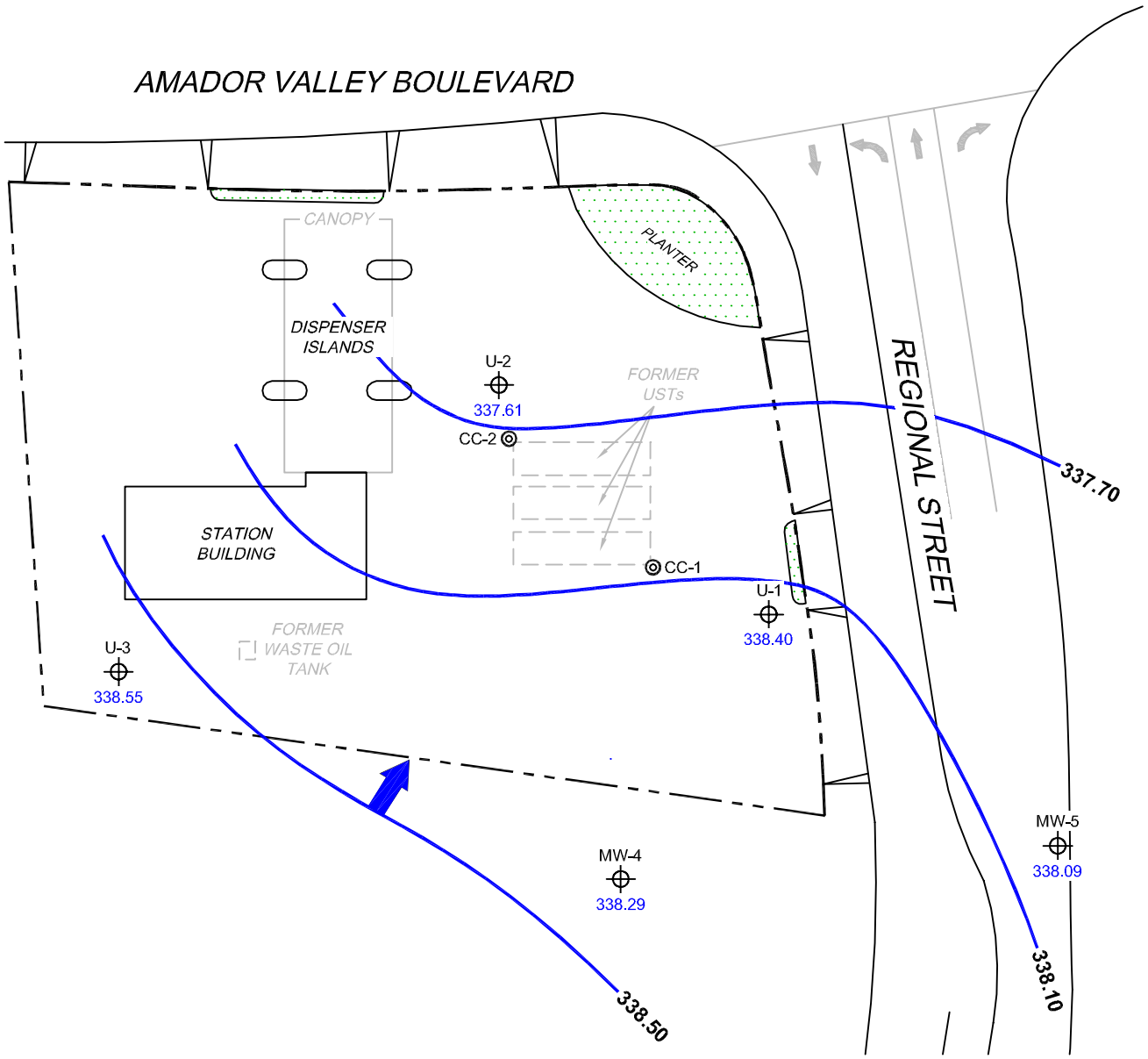
LEGEND

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

CC-2 ◎ Conductor Casing

338.50 — Groundwater Elevation Contour

General Direction of Groundwater Flow



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.

SCALE (FEET)

0 40

TRC

PROJECT: 173845

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

GROUNDWATER ELEVATION CONTOUR MAP
January 14, 2010

FIGURE 2

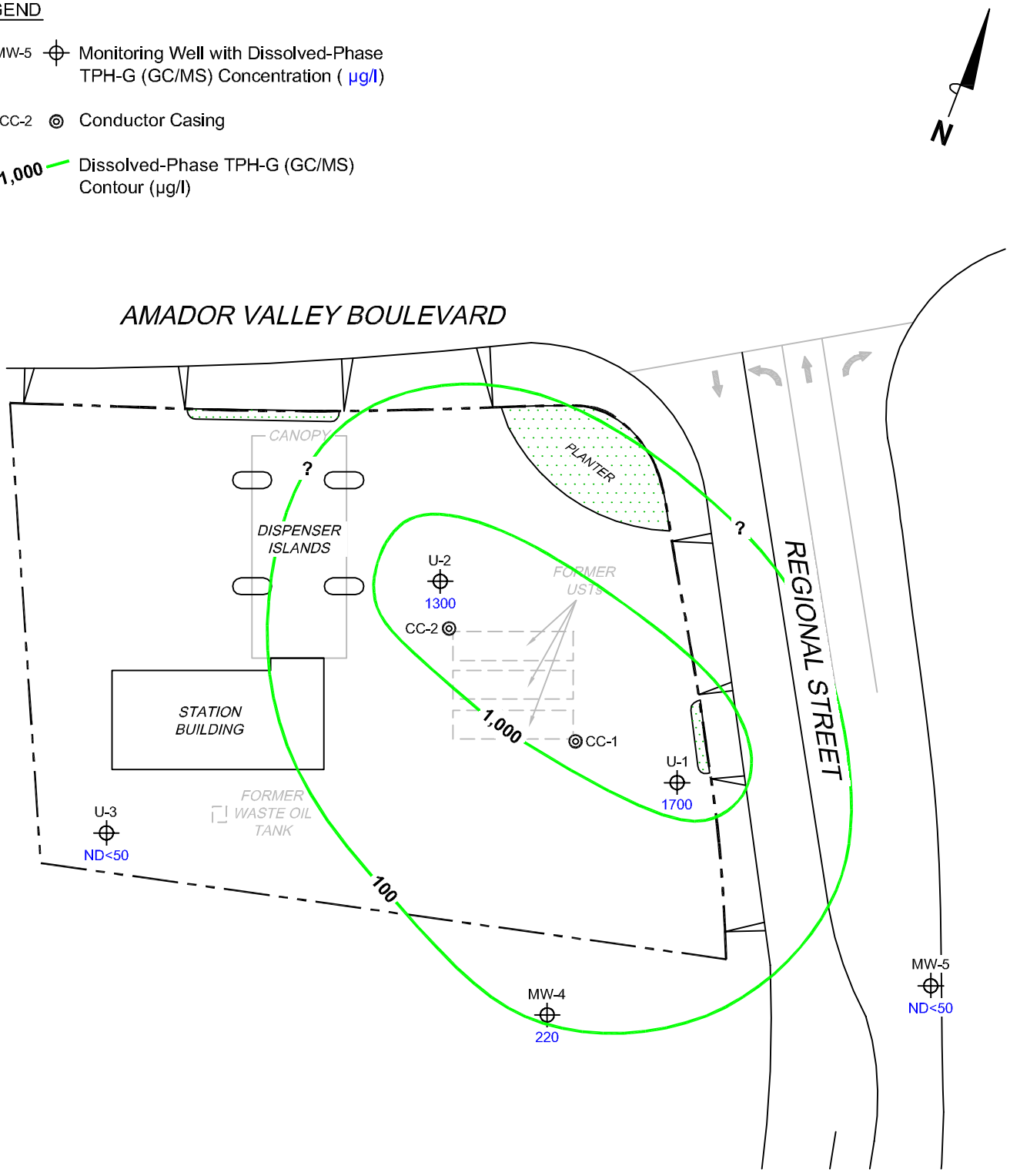
MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Feb 02, 2010 - 9:53am bschmidt

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. UST = underground storage tank.

SCALE (FEET)

0 40

TRC	PROJECT: 173845 FACILITY: 76 STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	**DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP** **January 14, 2010** **FIGURE 3**

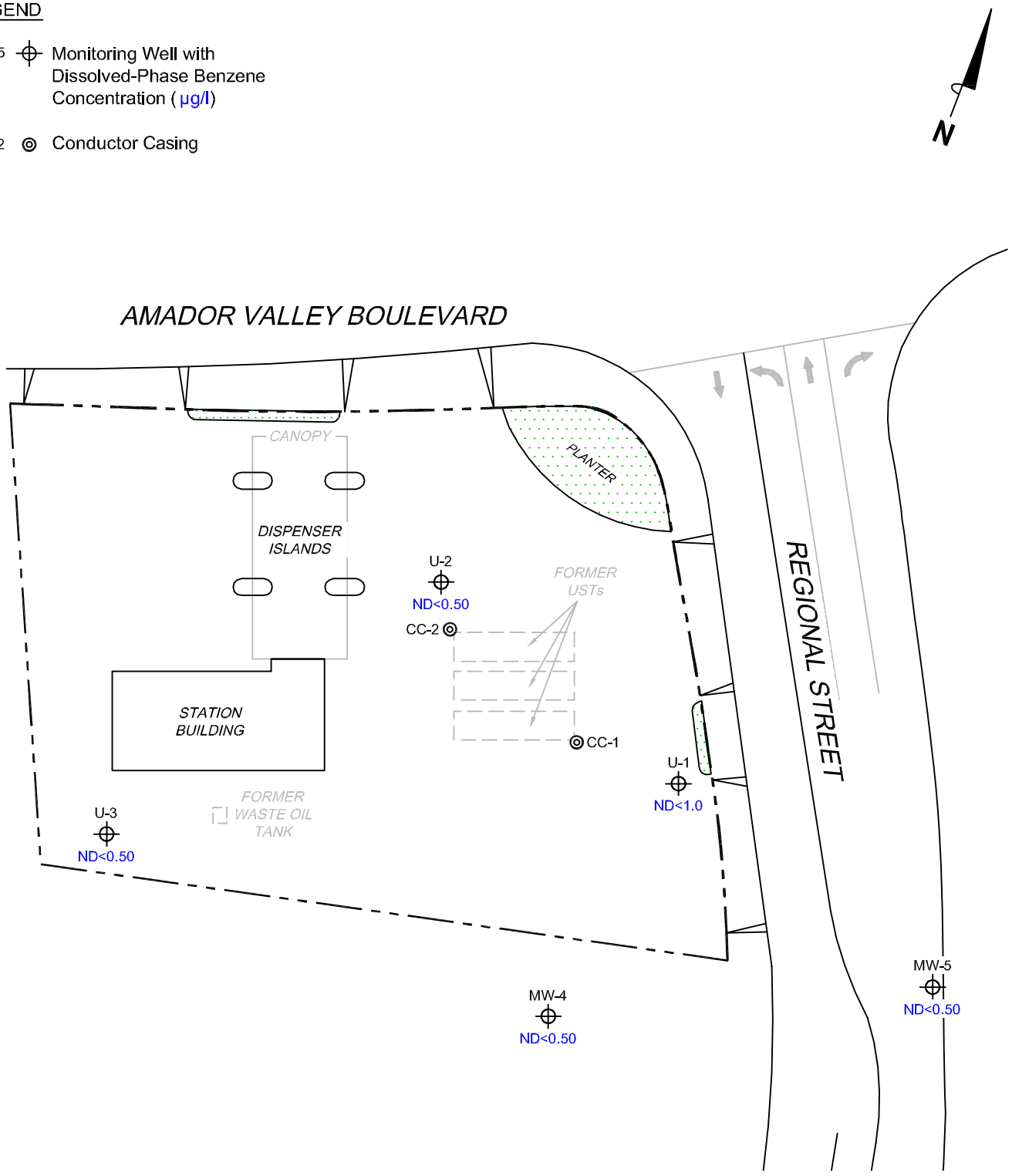
L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Feb 02, 2010 - 9:54am bschmidt

MS=1:1 7176-003

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.
UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 173845

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 14, 2010

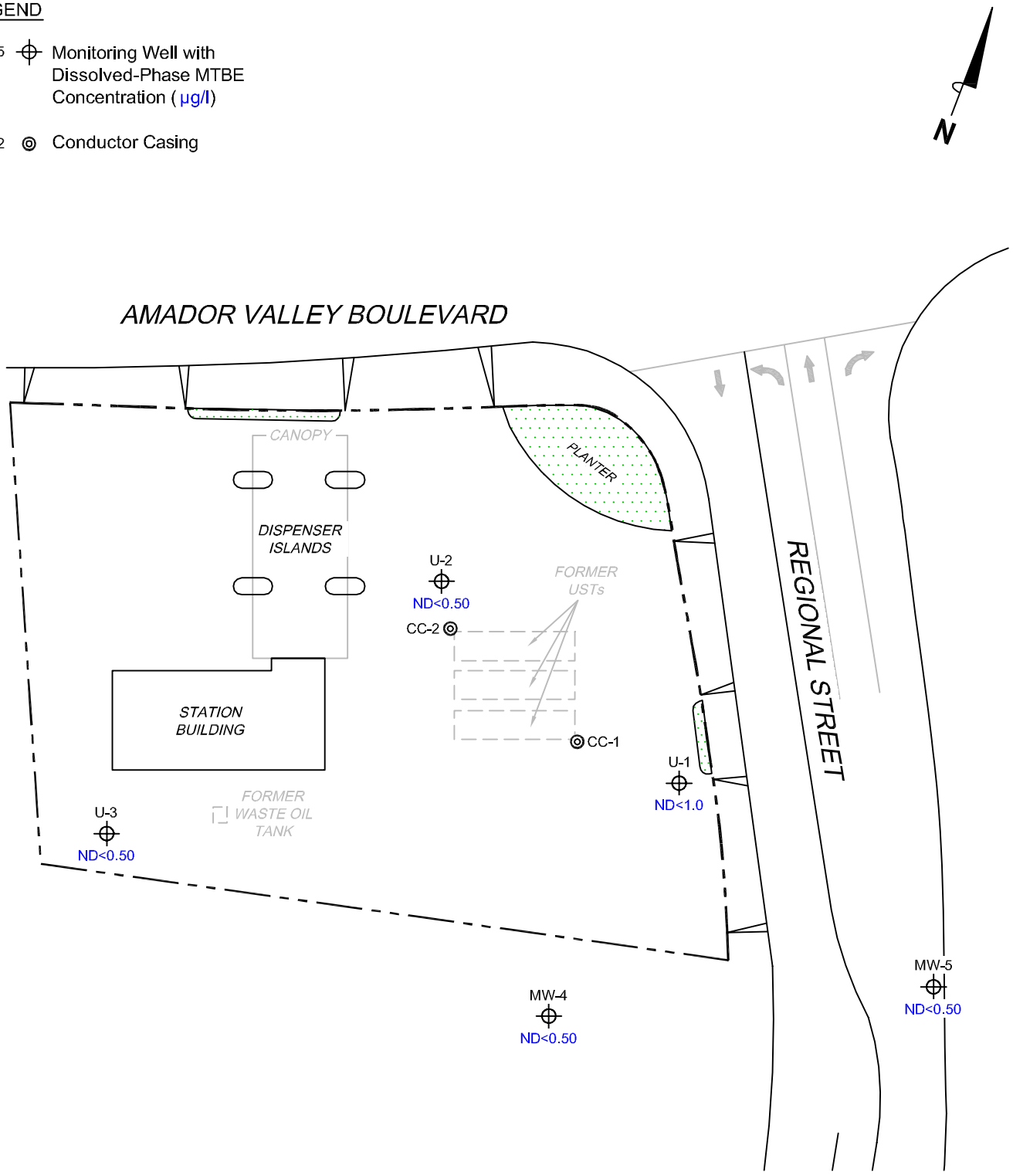
FIGURE 4

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Feb 02, 2010 - 9:54am 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. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 40

TRC

PROJECT: 173845

FACILITY:

76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
January 14, 2010

FIGURE 5

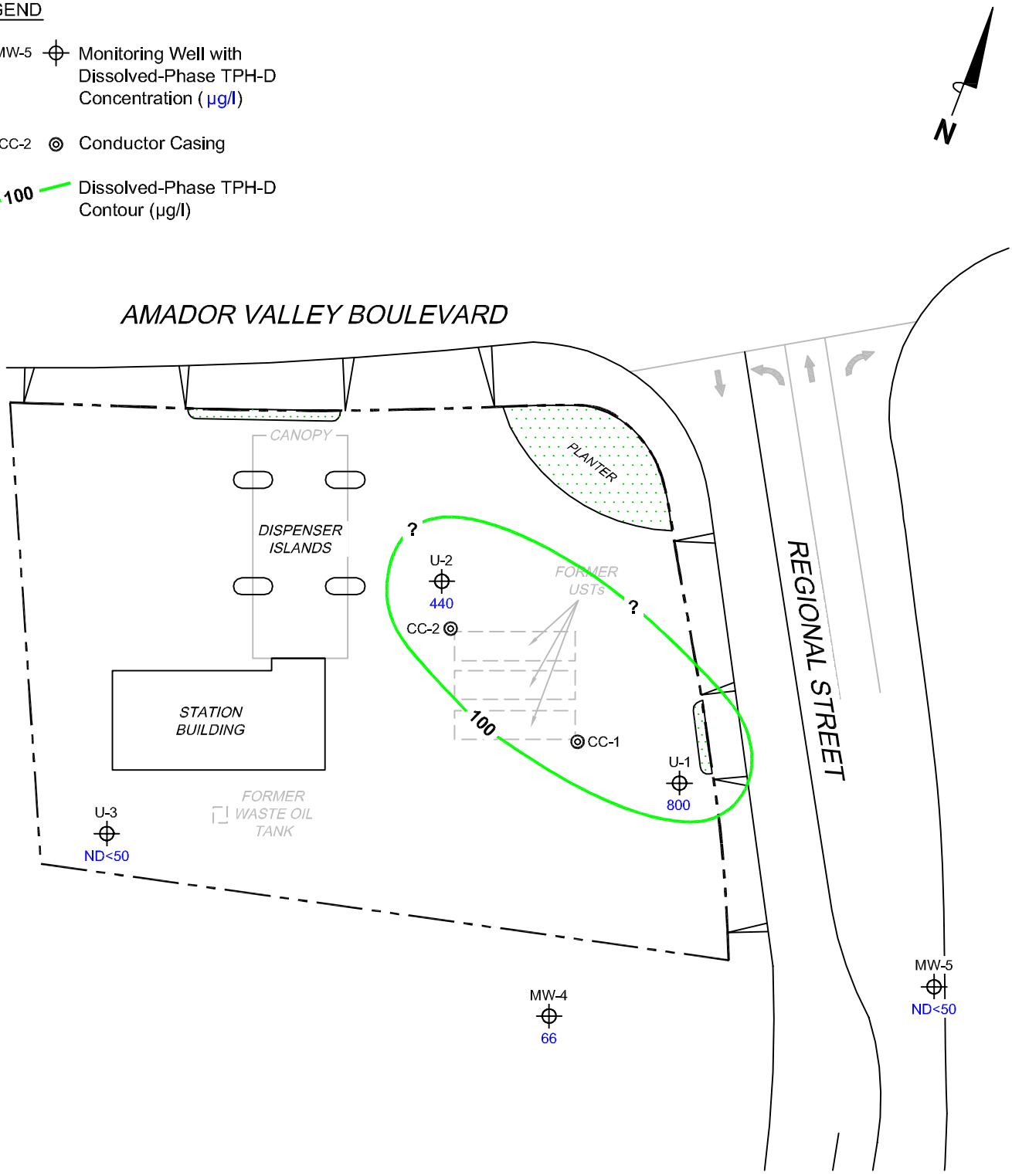
MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Feb 02, 2010 - 9:55am bschmidt

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)



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.

SCALE (FEET)

0 40

TRC

PROJECT: 173845

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

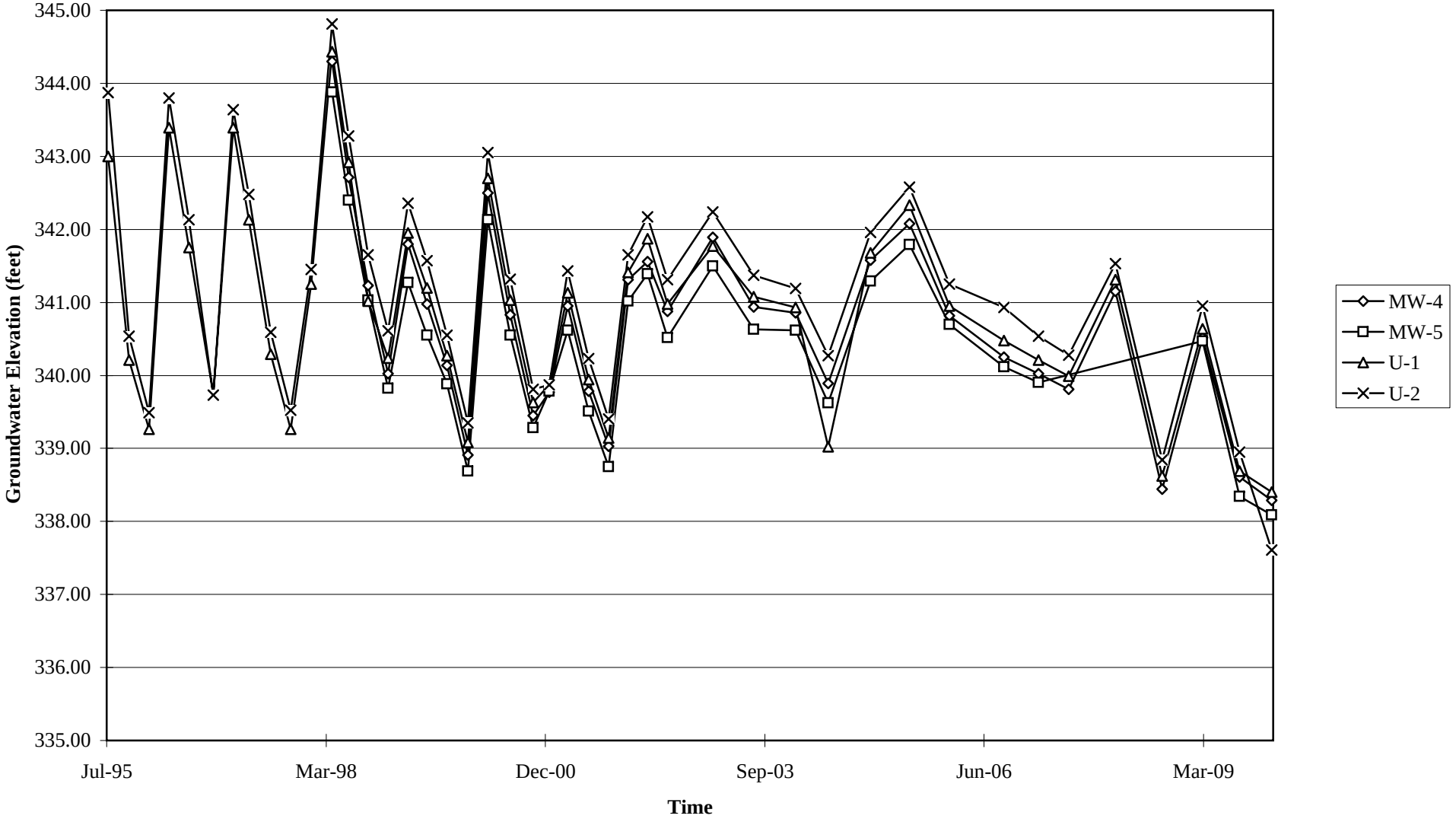
DISSOLVED-PHASE TPH-D CONCENTRATION MAP
January 14, 2010

FIGURE 6

MS=1:1 7176-003 L:\Graphics\QMS NORTH-SOUTH\x-7000\7176+\7176-QMS(NEW).dwg Feb 02, 2010 - 9:55am bschmidt

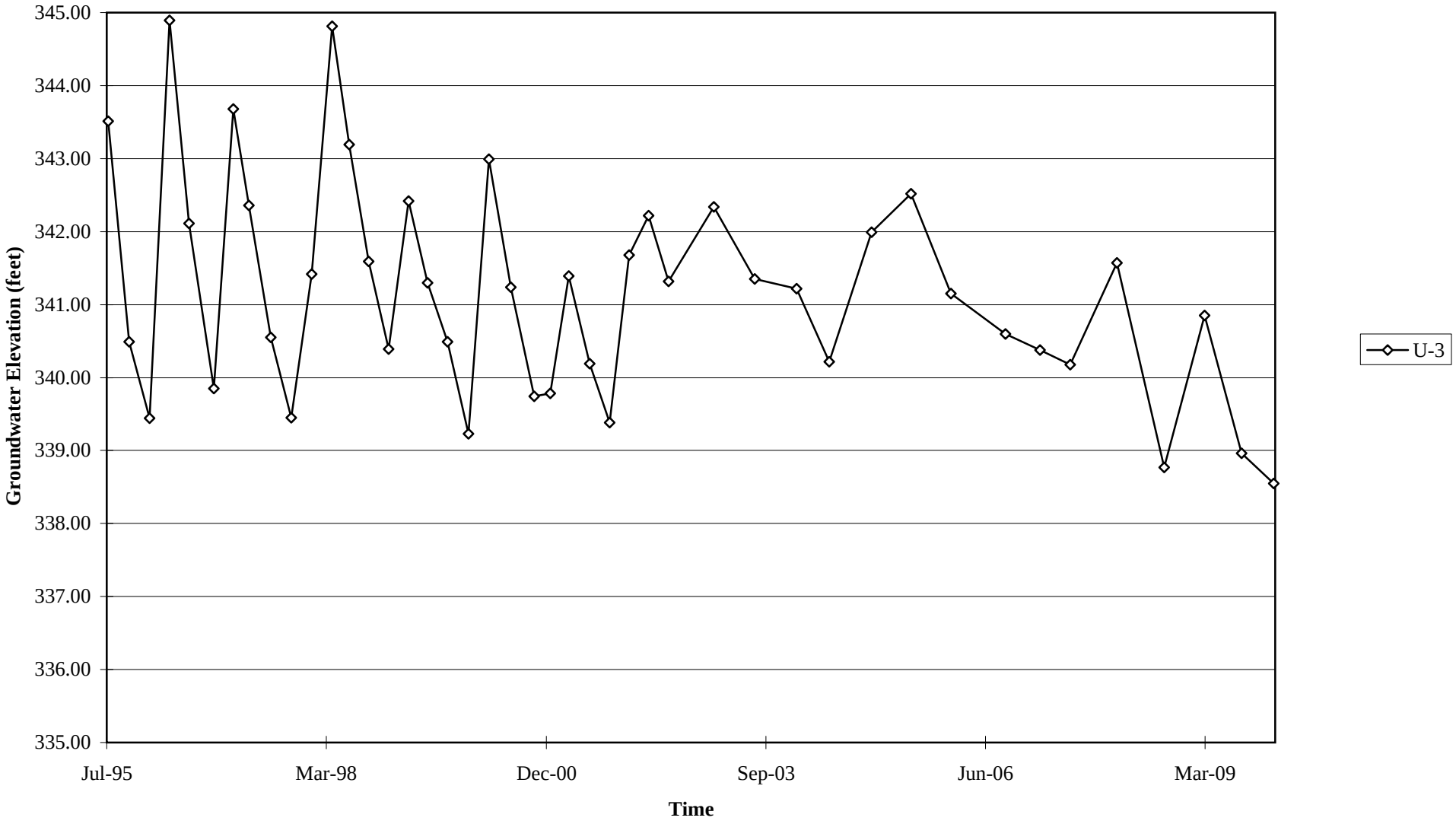
GRAPHS

Groundwater Elevations vs. Time
76 Station 7176



Elevations may have been corrected for apparent changes due to resurvey

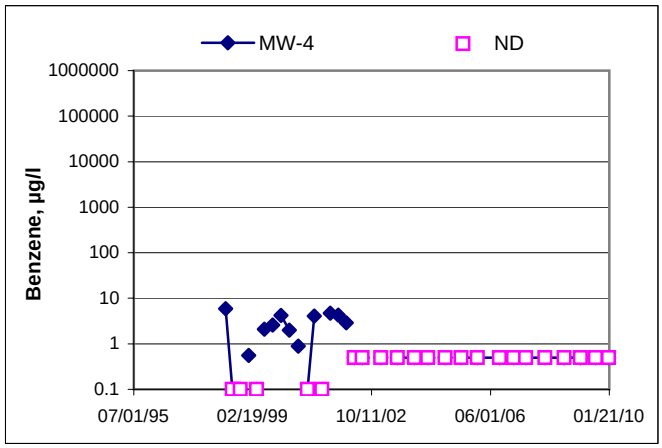
Groundwater Elevations vs. Time
76 Station 7176

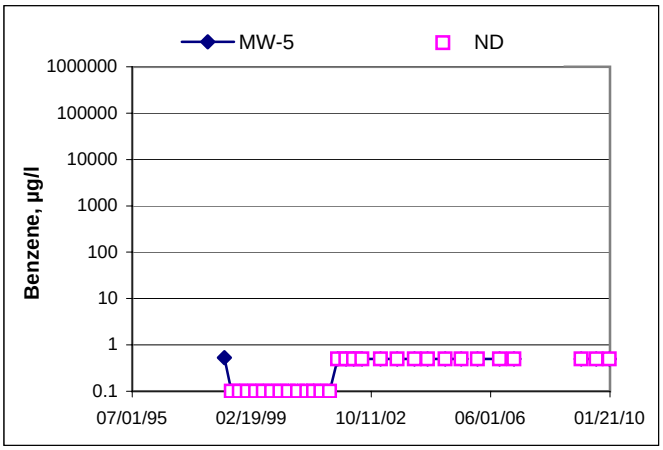


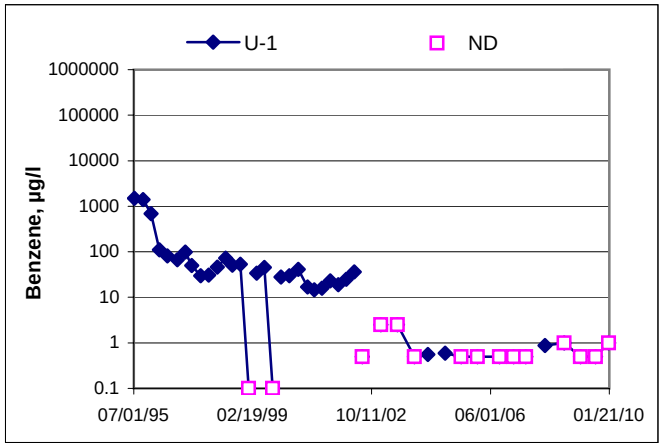
Elevations may have been corrected for apparent changes due to resurvey

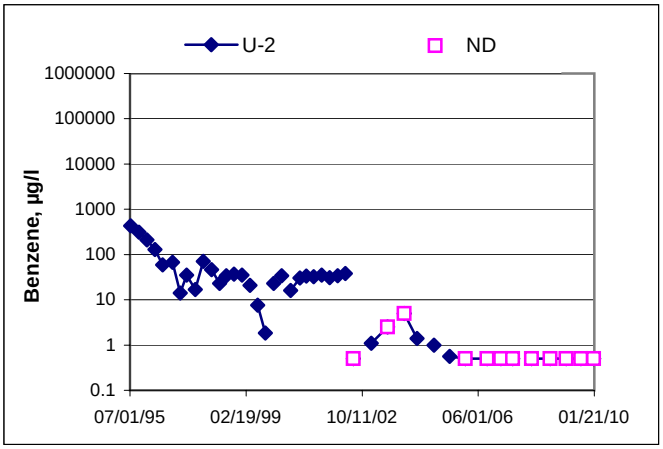
Benzene Concentrations vs Time

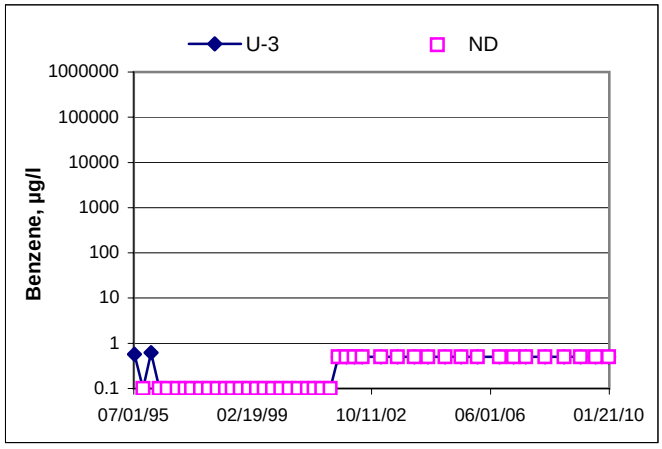
76 Station 7176





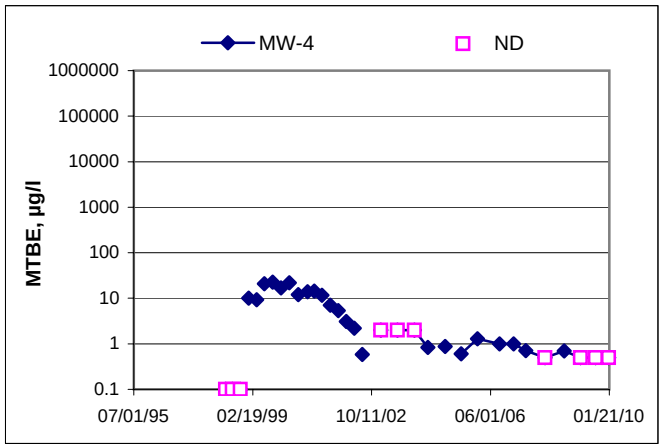


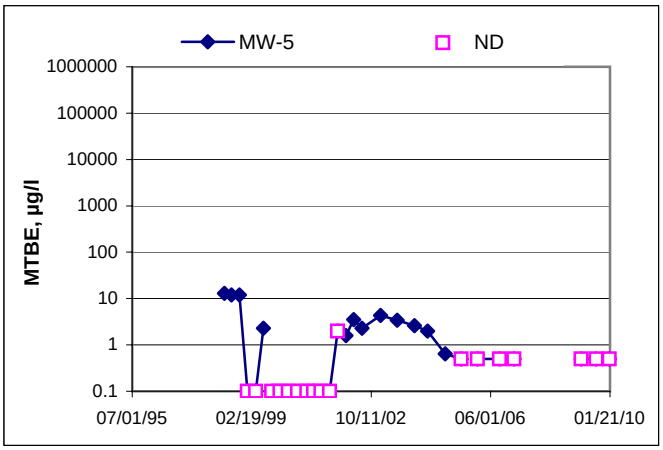


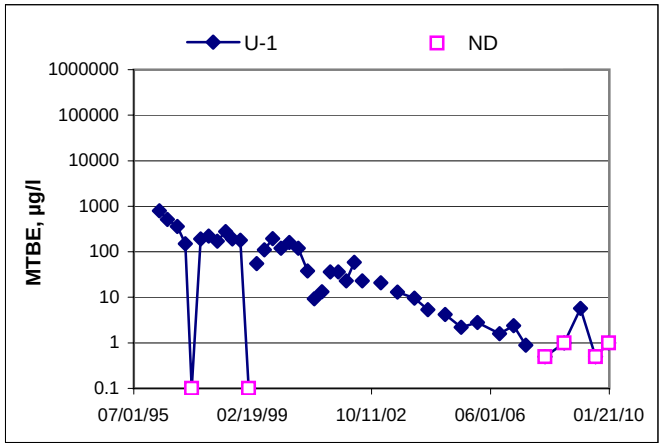


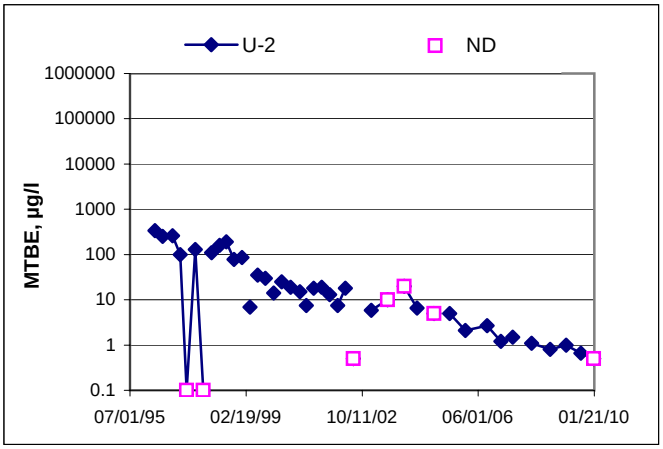
MTBE Concentrations vs Time

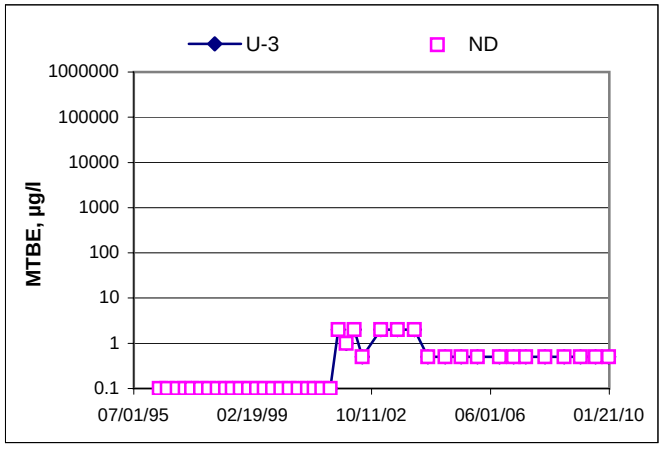
76 Station 7176











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: JOE Job #/Task #: 173845 / FA20 Date: 01-14-10

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	X	0550	24.50	16.94	—	—	0713	2"
MW-4	X	0601	25.38	18.12	—	—	0746	2"
U-1	X	0609	28.58	17.19	—	—	0816	2"
U-3	X	0614	28.43	19.54	—	—	0845	2"
U-2	X	0621	26.32	18.94	—	—	0915	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176 Project No.: 173845 Date: 01-14-10

Well No. MW-5 Purge Method: JL ~~SUB~~ HB

Depth to Water (feet): 16.94 Depth to Product (feet): —

Total Depth (feet) 24.50 LPH & Water Recovered (gallons): —

Water Column (feet): 7.56 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.45 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0658			2	1320	20.0	6.91			
			4	1316	20.0	7.01			
	0710		6	1321	19.7	7.05			

Static at Time Sampled	Total Gallons Purged	Sample Time
16.96	6	0713

Comments: Obstruction In well casing Bent sub pump would not fit in casing had to Hand Bail

Well No. MW-4 Purge Method: JL ~~SUB~~ HB

Depth to Water (feet): 18.12 Depth to Product (feet): —

Total Depth (feet) 25.38 LPH & Water Recovered (gallons): —

Water Column (feet): 7.26 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.57 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0729 **Pre-Purge**									
~~0820~~			2	1319	18.4	7.17			
			4	1308	18.8	7.11			
	0740		6	1299	19.0	7.11			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.18	6	0746

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176 Project No.: 173845 Date: 01-14-10

Well No. U-1 Purge Method: ~~JL SUB~~ HB

Depth to Water (feet): 17.19 Depth to Product (feet): —

Total Depth (feet) 28.58 LPH & Water Recovered (gallons): —

Water Column (feet): 11.39 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)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0801			2	1117	18.3	7.27			
			4	1113	19.5	7.09			
	0812		6	1114	19.8	7.06			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.27	6	0816

Comments:

Well No. U-3 Purge Method: ~~JL SUB~~ HB

Depth to Water (feet): 19.54 Depth to Product (feet): —

Total Depth (feet) 28.43 LPH & Water Recovered (gallons): —

Water Column (feet): 8.89 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.31 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0829			2	1262	17.7	7.14			
			4	1255	18.5	7.12			
	0841		6	1258	18.6	7.12			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.60	6	0845

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176 Project No.: 173845 Date: 01-14-10

Well No. U-2 Purge Method: SUB

Depth to Water (feet): 18.94 Depth to Product (feet): —

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

Water Column (feet): 7.38 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.41 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0859			2	1404	19.1	7.07			
			4	1379	20.3	7.13			
	0909		6	1370	20.1	7.12			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.96	6	0915

Comments:

Well No. Purge Method:

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

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

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

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 01/20/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 7176
BC Work Order: 1000706
Invoice ID: B074348

Enclosed are the results of analyses for samples received by the laboratory on 1/14/2010. 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
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
1000706-01	**COC Number:**	---	**Receive Date:**	01/14/2010 21:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	01/14/2010 07:13	Global ID: T0600101883
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-5
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1000706-02	**COC Number:**	---	**Receive Date:**	01/14/2010 21:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	01/14/2010 07:46	Global ID: T0600101883
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-4
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1000706-03	**COC Number:**	---	**Receive Date:**	01/14/2010 21:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	01/14/2010 08:16	Global ID: T0600101883
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): U-1
	Sampling Point:	U-1	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1000706-04	**COC Number:**	---	**Receive Date:**	01/14/2010 21:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	01/14/2010 08:45	Global ID: T0600101883
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): U-3
	Sampling Point:	U-3	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
1000706-05	**COC Number:**	---	**Receive Date:**	01/14/2010 21:00	Delivery Work Order:
	Project Number:	7176	**Sampling Date:**	01/14/2010 09:15	Global ID: T0600101883
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): U-2
	Sampling Point:	U-2	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1000706-01 | **Client Sample Name:** 7176, MW-5, 1/14/2010 7:13:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
t-Butyl alcohol	ND	ug/L	10	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:31	KEA	MS-V12	1	BTA0924		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Total Petroleum Hydrocarbons

BCL Sample ID: 1000706-01 | **Client Sample Name:** 7176, MW-5, 1/14/2010 7:13:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	01/18/10	01/19/10 21:23	MLR	GC-5	1.010	BTA1112	ND	M02
Tetracosane (Surrogate)	113	%	28 - 139 (LCL - UCL)	Luft/TPHd	01/18/10	01/19/10 21:23	MLR	GC-5	1.010	BTA1112		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1000706-02 | **Client Sample Name:** 7176, MW-4, 1/14/2010 7:46:00AM

Constituent	Result	Units	PQL	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	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
t-Butyl alcohol	ND	ug/L	10	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924	ND	
Total Purgeable Petroleum Hydrocarbons	**220**	**ug/L**	**50**	**Luft-GC/MS**	**01/18/10**	**01/19/10 03:13**	**KEA**	**MS-V12**	**1**	**BTA0924**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 03:13	KEA	MS-V12	1	BTA0924		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Total Petroleum Hydrocarbons

BCL Sample ID: 1000706-02 | **Client Sample Name:** 7176, MW-4, 1/14/2010 7:46:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	**66**	**ug/L**	**50**	**Luft/TPHd**	**01/18/10**	**01/19/10 21:37**	**MLR**	**GC-5**	**1.053**	**BTA1112**	**ND**	**M02**
Tetracosane (Surrogate)	107	%	28 - 139 (LCL - UCL)	Luft/TPHd	01/18/10	01/19/10 21:37	MLR	GC-5	1.053	BTA1112		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1000706-03 | **Client Sample Name:** 7176, U-1, 1/14/2010 8:16:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
1,2-Dibromoethane	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
1,2-Dichloroethane	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Ethylbenzene	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Methyl t-butyl ether	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Toluene	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Total Xylenes	ND	ug/L	2.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
t-Amyl Methyl ether	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
t-Butyl alcohol	ND	ug/L	20	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Diisopropyl ether	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Ethanol	ND	ug/L	500	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Ethyl t-butyl ether	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924	ND	A01
Total Purgeable Petroleum Hydrocarbons	**1700**	**ug/L**	**100**	**Luft-GC/MS**	**01/18/10**	**01/19/10 02:18**	**KEA**	**MS-V12**	**2**	**BTA0924**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924		
Toluene-d8 (Surrogate)	92.3	%	88 - 110 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:18	KEA	MS-V12	2	BTA0924		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Total Petroleum Hydrocarbons

BCL Sample ID: 1000706-03 | **Client Sample Name:** 7176, U-1, 1/14/2010 8:16:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	**800**	**ug/L**	**50**	**Luft/TPHd**	**01/18/10**	**01/19/10 21:51**	**MLR**	**GC-5**	**0.970**	**BTA1112**	**ND**	**M02**
Tetracosane (Surrogate)	98.8	%	28 - 139 (LCL - UCL)	Luft/TPHd	01/18/10	01/19/10 21:51	MLR	GC-5	0.970	BTA1112		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1000706-04 | **Client Sample Name:** 7176, U-3, 1/14/2010 8:45:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
t-Butyl alcohol	ND	ug/L	10	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924		
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:54	KEA	MS-V12	1	BTA0924		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Total Petroleum Hydrocarbons

BCL Sample ID: 1000706-04 | **Client Sample Name:** 7176, U-3, 1/14/2010 8:45:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	01/18/10	01/19/10 22:05	MLR	GC-5	1.075	BTA1112	ND	M02
Tetracosane (Surrogate)	104	%	28 - 139 (LCL - UCL)	Luft/TPHd	01/18/10	01/19/10 22:05	MLR	GC-5	1.075	BTA1112		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1000706-05 | **Client Sample Name:** 7176, U-2, 1/14/2010 9:15:00AM

Constituent	Result	Units	PQL	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	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
t-Butyl alcohol	ND	ug/L	10	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924	ND	
Total Purgeable Petroleum Hydrocarbons	**1300**	**ug/L**	**50**	**Luft-GC/MS**	**01/18/10**	**01/19/10 02:36**	**KEA**	**MS-V12**	**1**	**BTA0924**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924		
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)	EPA-8260	01/18/10	01/19/10 02:36	KEA	MS-V12	1	BTA0924		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Total Petroleum Hydrocarbons

BCL Sample ID: 1000706-05 | **Client Sample Name:** 7176, U-2, 1/14/2010 9:15:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	**440**	**ug/L**	**50**	**Luft/TPHd**	**01/18/10**	**01/19/10 22:19**	**MLR**	**GC-5**	**1.075**	**BTA1112**	**ND**	**M02**
Tetracosane (Surrogate)	92.2	%	28 - 139 (LCL - UCL)	Luft/TPHd	01/18/10	01/19/10 22:19	MLR	GC-5	1.075	BTA1112		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

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	BTA0924	Matrix Spike	1000755-03	ND	26.730	25.000	ug/L		107		70 - 130	
		Matrix Spike Duplicate	1000755-03	ND	28.110	25.000	ug/L	5.0	112	20	70 - 130	
Toluene	BTA0924	Matrix Spike	1000755-03	ND	24.490	25.000	ug/L		98.0		70 - 130	
		Matrix Spike Duplicate	1000755-03	ND	25.730	25.000	ug/L	4.9	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BTA0924	Matrix Spike	1000755-03	ND	10.070	10.000	ug/L		101		76 - 114	
		Matrix Spike Duplicate	1000755-03	ND	9.8100	10.000	ug/L		98.1		76 - 114	
Toluene-d8 (Surrogate)	BTA0924	Matrix Spike	1000755-03	ND	9.9500	10.000	ug/L		99.5		88 - 110	
		Matrix Spike Duplicate	1000755-03	ND	10.080	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BTA0924	Matrix Spike	1000755-03	ND	10.200	10.000	ug/L		102		86 - 115	
		Matrix Spike Duplicate	1000755-03	ND	9.8800	10.000	ug/L		98.8		86 - 115	

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

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)	BTA1112	Matrix Spike	0917254-43	34.123	463.82	500.00	ug/L		85.9		36 - 130	
		Matrix Spike Duplicate	0917254-43	34.123	484.04	500.00	ug/L	4.6	90.0	30	36 - 130	
Tetracosane (Surrogate)	BTA1112	Matrix Spike	0917254-43	ND	21.414	20.000	ug/L		107		28 - 139	
		Matrix Spike Duplicate	0917254-43	ND	22.388	20.000	ug/L		112		28 - 139	

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

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	BTA0924	BTA0924-BS1	LCS	26.500	25.000	0.50	ug/L	106		70 - 130		
Toluene	BTA0924	BTA0924-BS1	LCS	23.820	25.000	0.50	ug/L	95.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTA0924	BTA0924-BS1	LCS	9.9800	10.000		ug/L	99.8		76 - 114		
Toluene-d8 (Surrogate)	BTA0924	BTA0924-BS1	LCS	10.020	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTA0924	BTA0924-BS1	LCS	10.290	10.000		ug/L	103		86 - 115		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

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)	BTA1112	BTA1112-BS1	LCS	478.58	500.00	50	ug/L	95.7		48 - 125		
Tetracosane (Surrogate)	BTA1112	BTA1112-BS1	LCS	22.021	20.000		ug/L	110		28 - 139		

TRC
123 Technology Drive
Irvine, CA 92618

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

Reported: 01/20/2010 12:25

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	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Toluene	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Total Xylenes	BTA0924	BTA0924-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BTA0924	BTA0924-BLK1	ND	ug/L	10		
Diisopropyl ether	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Ethanol	BTA0924	BTA0924-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BTA0924	BTA0924-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BTA0924	BTA0924-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTA0924	BTA0924-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTA0924	BTA0924-BLK1	97.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTA0924	BTA0924-BLK1	103	%	86 - 115 (LCL - UCL)		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

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)	BTA1112	BTA1112-BLK1	ND	ug/L	50		M02
Tetracosane (Surrogate)	BTA1112	BTA1112-BLK1	105	%	28 - 139 (LCL - UCL)		

TRC	Project: 7176	**Reported:** 01/20/2010 12:25
123 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.
M02	Analyte detected in the Method Blank at a level between the PQL and 1/2 the PQL.

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

Submission #: 1000100

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: 0.98 Container: VOA Thermometer ID: TH163

Temperature: A 1.4 °C / C 1.4 °C

Date/Time 1-14-10 2101

Analyst Init JKW

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	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	BC					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: AMB Date/Time: 1/15/10 - 1227

A = Actual / C = Corrected

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

CHK BY [handwritten initials] DISTRIBUTION
SUB-OUT ☐

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

#1000706

Analysis Requested

Bill to: Conoco Phillips/ TRC
Address: 7850 Amador Valley Blvd.
City: Dublin
State: CA Zip:
Conoco Phillips Mgr: Terry Grayson

Consultant Firm: TRC
21 Technology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan
4-digit site#: 7176
Workorder # 01635
Project #: 173845
Sampler Name: JOE L.

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-5	01-14-10 0713	GW			X		X	X	X	X			STD
-2		MW-4	↓ 0746	↓			↓		↓	↓	↓	↓			↓
-3		U-1	↓ 0816	↓			↓		↓	↓	↓	↓			↓
-4		U-3	↓ 0845	↓			↓		↓	↓	↓	↓			↓
-5		U-2	↓ 0915	↓			↓		↓	↓	↓	↓			↓

Comments: Run TPH-D with ~~Gel~~ ~~Cleanup~~ Silica Gel Clean up on HITS

GLOBAL ID: T0600101883

Relinquished by: (Signature)	Received by:	Date & Time
Joe D. Lewis	Ross Widley	01-14-10 1325
Ross Widley 1/14/10	R Ruymd	1-14-10 1750
R Ruymd 1-14-10 2100	[signature]	1/14 2100

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells is accumulated at TRC's groundwater monitoring field office at Concord, California, for transportation by a licensed carrier to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to Crosby and Overton, Inc. in Long Beach, California.

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.