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Alameda County
Environmental Health

ConocoPhillips

76 Broadway
Sacramento, California 95818

September 30, 2009

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

Re: **Semi Annual Summary Report (SASR)—Second-Third Quarter(s) 2009**
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

October 19, 2009

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 – Second Quarter
through Third Quarter 2009**
Fuel leak Case No. RO0000482



Dear Mr. Khatri:

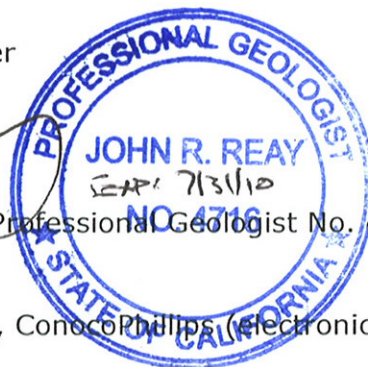
On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the *Semi-Annual Summary Report – Fourth Quarter 2008 through First Quarter 2009* and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report, April through September 2009*, dated September 15, 2009, 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


John Reay
California Registered Professional Geologist No. 4716



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

SEMI-ANNUAL SUMMARY REPORT
Second Quarter through Third Quarter 2009
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.

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 purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and MTBE, di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), 1,2-dichloroethane (1,2-DCA), ethylene dibromide (EDB) and ethanol by EPA Method 8260. TRC has been retained to perform the monitoring and sampling. A copy of TRC's *Semi-Annual Monitoring Report – April through September 2009*, dated September 15, 2009, and has been forwarded with this report.

During the most recent groundwater monitoring and sampling event, conducted on August 21, 2009, depth to groundwater ranged from 16.69 feet (MW-5) to 19.13 feet (U-3) below top of casing (TOC). The groundwater flow direction was interpreted to be to the east with a gradient of 0.003 foot per foot (ft/ft). Historic groundwater flow directions are to the southeast, and are shown in a rose diagram presented as Attachment B.

All monitoring and sampling activities for the site during the third quarter 2009 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.

Contaminants 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 1,600 µg/L in both U-1 and U-2 during the current sampling event. This is an increase from a maximum concentration of 630 µg/L in U-2 during the previous sampling event (3/6/09). MW-4 showed a TPHg concentration of 260 µg/L during the current event.

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

Toluene was above the laboratory's indicated reporting limits in the groundwater sample collected from one of the five wells sampled with a maximum concentration of 0.67 µg/L in U-2 during the current sampling event. This is an increase from a maximum concentration of non-detection during the previous sampling event.

Ethylbenzene was above laboratory's indicated reporting limits in the groundwater sample collected from one of the five wells sampled with a maximum concentration of 0.72 µg/L in U-2 during the current sampling event. During the previous sampling event, ethylbenzene was not reported to be present in any of the sampled wells.

Total Xylenes were above the laboratory's indicated reporting limit in the groundwater sample collected from one of the five wells with a maximum concentration of 1.1 µg/L in U-2 during the current sampling event. During the previous sampling event, total xylenes were not reported to be present in any of the sampled wells.

MTBE was above the laboratory's indicated reporting limit in the groundwater sample collected from one of the five wells sampled with a maximum concentration of 0.66 µg/L in U-2 during the current sampling event. This is a decrease from a maximum concentration of 1.0 µg/L in the same well during the previous event.

TBA was below the laboratory's indicated reporting limit in the groundwater samples collected from all wells during the current 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 concentrations in the groundwater are below the Secondary Maximum Contaminant Level (MCL) of 5.0 µg/L. Benzene concentrations are below the laboratory's indicated reporting limit.

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

RECENT CORRESPONDENCE

February 20, 2009 Alameda County Environmental Health Services letter in response to Delta's *Semi-Annual Summary Report – Second Quarter through Third Quarter 2008 Request for Closure Review*, dated October 27, 2008.

May 1, 2009 Alameda County Environmental Health Services (ACEH) letter (Subject: *Fuel Leak Case No. R00000482 and GeoTracker Global 10 T0600101883, UNOCAL #7176, 7850 Amador Valley Boulevard, Dublin, CA 94568*) in response to Delta's April 2009 site conceptual model.

July 28, 2009 ACEH letter (Subject: *Fuel Leak Case No. R00000482 and Geotracker Global ID T0600101883, UNOCAL #7176, 7850 AMADOR VALLEY BLVD, Dublin CA 94568 - Groundwater Monitoring Requirements*) changing the groundwater monitoring and sampling frequency from quarterly to semi-annual.

WASTE DISPOSAL SUMMARY

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

SECOND QUARTER THROUGH THIRD QUARTER 2009 ACTIVITIES

1. Delta prepared a site conceptual model dated April 20, 2009.
2. Delta Prepared and submitted the *Workplan for CPT Vertical Delineation*, date May 20, 2009.
3. TRC conducted the semi-annual monitoring and sampling activities at the site on August 21, 2009, and prepared their findings in the report *Semi-Annual Summary Report – Second Quarter through Third Quarter 2009*, dated September 15, 2009.

FOURTH QUARTER 2009 THROUGH FIRST QUARTER 2010

1. TRC will perform sampling for fourth quarter 2009 through first quarter 2010 and prepare a monitoring and sampling report of their findings.
2. Delta will complete the CPT vertical assessment and provide a report on the results once the workplan, submitted May 20, 2009 is approved by ACEH.

CONSULTANT: Delta Consultants

Attachment A

Site Locator Sensitive Receptor Map

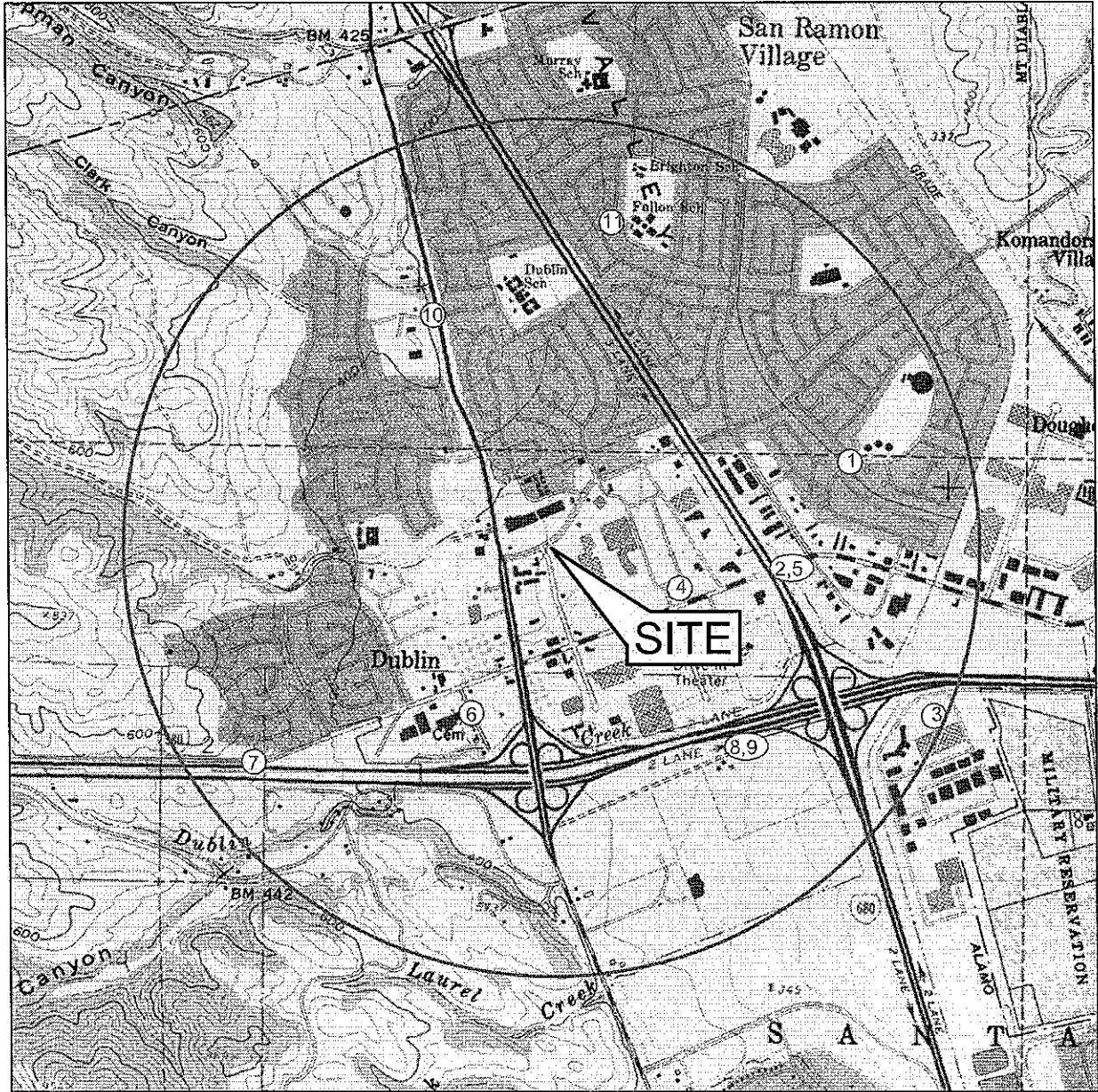


FIGURE 2
 SITE LOCATOR SENSITIVE RECEPTOR
 MAP
 76 STATION NO. 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

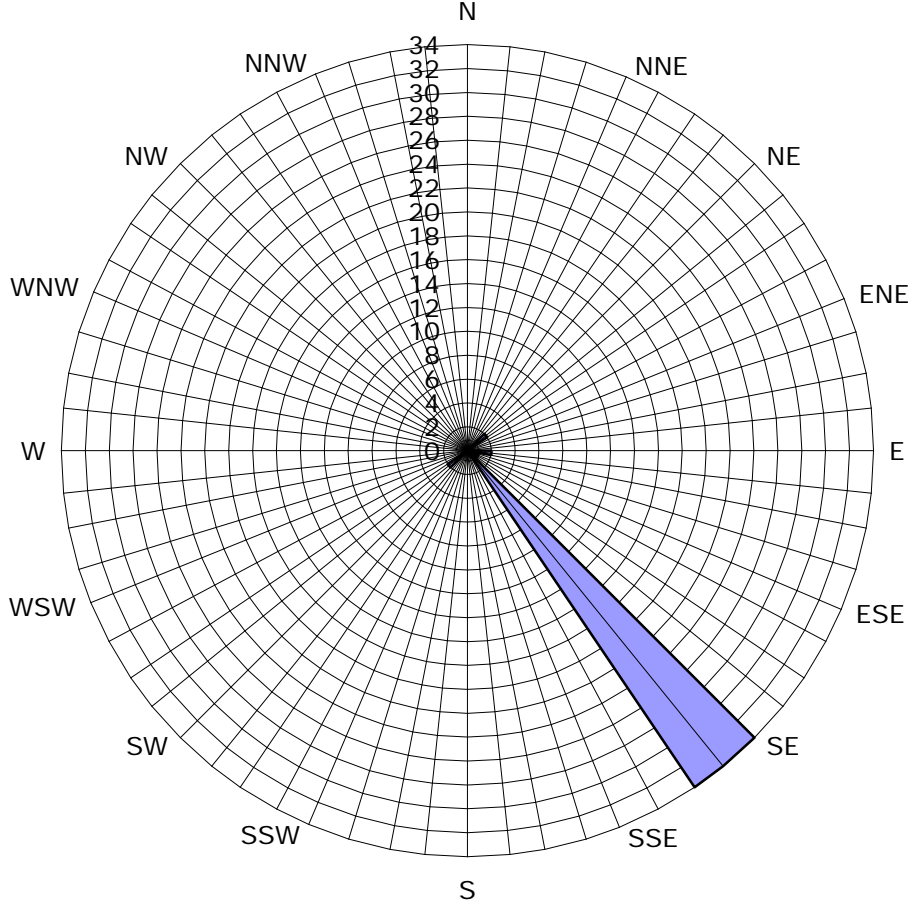
PROJECT NO. C107-176	DRAWN BY JH 12/12/06
FILE NO. Site Locator 7176	PREPARED BY JH
REVISION NO.	REVIEWED BY

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 monitoring events
Fourth Quarter 1995 through Third
Quarter 2009
41 data points shown

■ Groundwater Flow Direction

Attachment C

***Semi-Annual Monitoring Report, April through September 2009 (TRC,
September 15, 2009)***



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

DATE: September 15, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

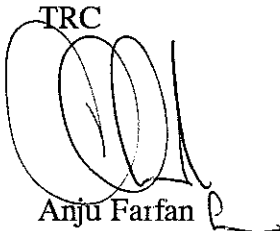
SITE: 76 STATION 7176
7850 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

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. John Reay, Delta Consultants (1 copy)

Enclosures
20-0400/7176R12 QMS

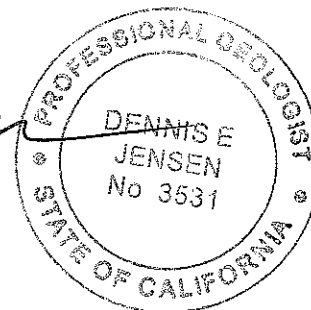
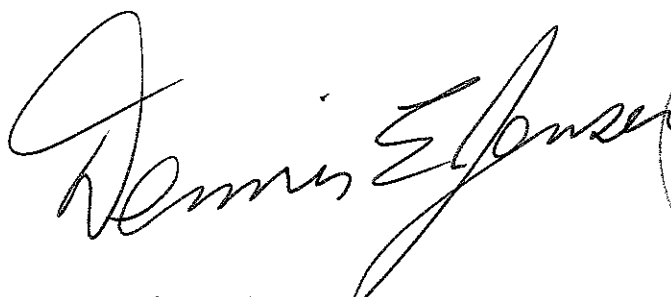
**SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009**

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: 9/14/09



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 – 8/21/09 Groundwater Sampling Field Notes – 8/21/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Disposal Documents	Disposal/Treatment Manifest – Current (Pending)
Statements	Limitations

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

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
August 21, 2009
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
			(Screen Interval in feet: 10.0-25.0)												
MW-4															
08/21/09	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	
			(Screen Interval in feet: 10.0-25.0)												
MW-5															
08/21/09	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	
			(Screen Interval in feet: 10.0-30.0)												
U-1															
08/21/09	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	
			(Screen Interval in feet: 10.0-30.0)												
U-2															
08/21/09	356.55	17.60	0.00	338.95	-2.00	350	--	1600	ND<0.50	0.67	0.72	1.1	--	0.66	
			(Screen Interval in feet: 10.0-30.0)												
U-3															
08/21/09	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	

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							
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2							
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
08/21/09	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 August 2009
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)									
04/23/98	356.41	12.11	0.00	344.30	--	--	2500	--	5.9	6.4	16	31	ND	--	
07/08/98	356.41	13.70	0.00	342.71	-1.59	1400	1000	--	ND	ND	ND	ND	ND	--	
10/05/98	356.41	15.18	0.00	341.23	-1.48	--	890	--	ND	ND	ND	14	ND	--	
01/04/99	356.41	16.39	0.00	340.02	-1.21	71	230	--	0.56	1.3	1.4	1.8	10	--	
D 01/04/99	356.41	16.39	0.00	340.02	-1.21	71	--	--	--	--	--	--	--	--	
04/05/99	356.41	14.61	0.00	341.80	1.78	340	620	--	ND	1.8	2.1	ND	6	9.3	
D 04/05/99	356.41	14.61	0.00	341.80	1.78	210	--	--	--	--	--	--	--	--	
07/01/99	356.41	15.43	0.00	340.98	-0.82	260	700	--	2.1	ND	1.9	2.4	ND	21	
D 07/01/99	356.41	15.43	0.00	340.98	-0.82	310	--	--	--	--	--	--	--	--	
09/30/99	356.41	16.27	0.00	340.14	-0.84	420	582	--	2.6	1.30	1.98	ND	23.1	22.5	
D 09/30/99	356.41	16.27	0.00	340.14	-0.84	220	--	--	--	--	--	--	--	--	
01/03/00	356.41	17.50	0.00	338.91	-1.23	250	800	--	4.2	4.6	3.3	11	31	17	
D 01/03/00	356.41	17.50	0.00	338.91	-1.23	260	--	--	--	--	--	--	--	--	
04/04/00	356.41	13.91	0.00	342.50	3.59	460	710	--	2	1.3	4.4	2.0	21	22	
D 04/04/00	356.41	13.91	0.00	342.50	3.59	340	--	--	--	--	--	--	--	--	
07/14/00	356.41	15.58	0.00	340.83	-1.67	220	490	--	0.89	1.3	0.85	1.8	21	12	
D 07/14/00	356.41	15.58	0.00	340.83	-1.67	76	--	--	--	--	--	--	--	--	
10/27/00	356.41	16.96	0.00	339.45	-1.38	160	598	--	ND	1.56	4.65	ND	15.4	14	
D 10/27/00	356.41	16.96	0.00	339.45	-1.38	120	--	--	--	--	--	--	--	--	
01/08/01	356.41	16.64	0.00	339.77	0.32	--	522	--	4.09	1.69	2.53	1.26	17.2	14.3	
04/03/01	356.41	15.46	0.00	340.95	1.18	180	575	--	ND	ND	ND	ND	14.0	11.6	
D 04/03/01	356.41	15.46	0.00	340.95	1.18	ND	--	--	--	--	--	--	--	--	



Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	07/06/01	356.41	16.63	0.00	339.78	-1.17	230	720	--	4.7	1.5	2.5	0.74	10	7.1	
D	07/06/01	356.41	16.63	0.00	339.78	-1.17	200	--	--	--	--	--	--	--	--	
	10/05/01	356.41	17.38	0.00	339.03	-0.75	180	650	--	4.3	1.2	1.1	1.8	5.9	5.4	
D	10/05/01	356.41	17.38	0.00	339.03	-0.75	140	--	--	--	--	--	--	--	--	
	01/03/02	356.41	15.10	0.00	341.31	2.28	390	340	--	2.9	1.4	1.7	ND<1.0	ND<10/	3.1	
D	01/03/02	356.41	15.10	0.00	341.31	2.28	360	--	--	--	--	--	--	--	--	
	04/01/02	356.41	14.85	0.00	341.56	0.25	160	340	--	ND<0.50	2.7	ND<0.50	0.66	ND<5.0	2.2	
D	04/01/02	356.41	14.85	0.00	341.56	0.25	100	--	--	--	--	--	--	--	--	
	07/01/02	356.41	15.53	0.00	340.88	-0.68	130	--	280	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
D	07/01/02	356.41	15.53	0.00	340.88	-0.68	97	--	--	--	--	--	--	--	--	
	01/24/03	356.41	14.52	0.00	341.89	1.01	52	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
D	01/24/03	356.41	14.52	0.00	341.89	1.01	ND<50	--	--	--	--	--	--	--	--	
	07/28/03	356.41	15.47	0.00	340.94	-0.95	110	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
D	07/28/03	356.41	15.47	0.00	340.94	-0.95	130	--	--	--	--	--	--	--	--	
	02/04/04	356.41	15.55	0.00	340.86	-0.08	94	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
	07/02/04	356.41	16.52	0.00	339.89	-0.97	ND<200	--	170	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.83	
	01/11/05	356.41	14.83	0.00	341.58	1.69	110	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
D	01/11/05	356.41	14.83	0.00	341.58	1.69	85	--	--	--	--	--	--	--	--	
	07/08/05	356.41	14.33	0.00	342.08	0.50	67	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
D	07/08/05	356.41	14.33	0.00	342.08	0.50	67	--	--	--	--	--	--	--	--	
	01/06/06	356.41	15.59	0.00	340.82	-1.26	ND<200	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
	09/11/06	356.41	16.16	0.00	340.25	-0.57	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
	02/16/07	356.41	16.39	0.00	340.02	-0.23	66	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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															
07/03/07	356.41	16.60	0.00	339.81	-0.21	ND<56	--	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.71	
02/01/08	356.41	15.26	0.00	341.15	1.34	66	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	356.41	17.97	0.00	338.44	-2.71	51	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
03/06/09	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	
08/21/09	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	
MW-5 (Screen Interval in feet: 10.0-25.0)															
04/23/98	355.03	11.15	0.00	343.88	--	--	120	--	0.53	0.90	1.0	3.8	13	--	
07/08/98	355.03	12.63	0.00	342.40	-1.48	170	ND	--	ND	ND	ND	ND	12	--	
10/05/98	355.03	14.00	0.00	341.03	-1.37	--	ND	--	ND	ND	ND	ND	12	--	
01/04/99	355.03	15.21	0.00	339.82	-1.21	ND	ND	--	ND	ND	ND	ND	ND	--	
04/05/99	355.03	13.76	0.00	341.27	1.45	ND	ND	--	ND	ND	ND	ND	ND	ND	
07/01/99	355.03	14.48	0.00	340.55	-0.72	ND	ND	--	ND	ND	ND	ND	ND	2.3	
09/30/99	355.03	15.15	0.00	339.88	-0.67	60.4	50.8	--	ND	ND	ND	ND	ND	ND	
D 09/30/99	355.03	15.15	0.00	339.88	-0.67	ND	--	--	--	--	--	--	--	--	
01/03/00	355.03	16.34	0.00	338.69	-1.19	ND	ND	--	ND	ND	ND	ND	ND	ND	
04/04/00	355.03	12.90	0.00	342.13	3.44	69	ND	--	ND	ND	ND	ND	ND	ND	
D 04/04/00	355.03	12.90	0.00	342.13	3.44	ND	--	--	--	--	--	--	--	--	
07/14/00	355.03	14.48	0.00	340.55	-1.58	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/00	355.03	15.75	0.00	339.28	-1.27	ND	ND	--	ND	ND	ND	ND	ND	ND	
01/08/01	355.03	15.25	0.00	339.78	0.50	--	ND	--	ND	ND	ND	ND	ND	ND	
04/03/01	355.03	14.41	0.00	340.62	0.84	ND	ND	--	ND	ND	ND	ND	ND	ND	
07/06/01	355.03	15.52	0.00	339.51	-1.11	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/05/01	355.03	16.28	0.00	338.75	-0.76	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	01/03/02	355.03	14.01	0.00	341.02	2.27	ND<51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.6	
	04/01/02	355.03	13.64	0.00	341.39	0.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.5	
	07/01/02	355.03	14.51	0.00	340.52	-0.87	ND<60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
	01/24/03	355.03	13.53	0.00	341.50	0.98	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
	07/28/03	355.03	14.40	0.00	340.63	-0.87	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
	02/04/04	355.03	14.41	0.00	340.62	-0.01	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
	07/02/04	355.03	15.41	0.00	339.62	-1.00	ND<200	--	80	ND<0.5	ND<0.5	ND<0.5	ND<1	--	2.0	
	01/11/05	355.03	13.74	0.00	341.29	1.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
	07/08/05	355.03	13.24	0.00	341.79	0.50	220	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D	07/08/05	355.03	13.24	0.00	341.79	0.50	ND<50	--	--	--	--	--	--	--	--	
	01/06/06	355.03	14.33	0.00	340.70	-1.09	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	09/11/06	355.03	14.91	0.00	340.12	-0.58	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
	02/16/07	355.03	15.13	0.00	339.90	-0.22	ND<56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
	07/03/07	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	02/01/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	09/02/08	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	03/06/09	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	
	08/21/09	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	
U-1							(Screen Interval in feet: 10.0-30.0)									
	07/08/95	355.62	12.59	0.00	343.03	--	9400	39000	--	1500	19	1600	5200	--	--	
	10/12/95	355.62	15.38	0.00	340.24	-2.79	4200	33000	--	1400	ND	1400	3100	--	--	
	01/11/96	355.62	16.33	0.00	339.29	-0.95	8200	8300	--	690	11	680	1500	--	--	
	04/11/96	355.62	12.20	0.00	343.42	4.13	5630	3200	--	110	ND	180	290	790	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	07/10/96	355.62	13.84	0.00	341.78	-1.64	2200	2600	--	81	4.4	210	230	510	--	
	10/30/96	355.62	15.85	0.00	339.77	-2.01	560	2200	--	67	19	140	150	360	--	
	01/27/97	355.62	12.20	0.00	343.42	3.65	2300	4600	--	98	ND	360	290	150	--	
	04/08/97	355.62	13.46	0.00	342.16	-1.26	1300	2800	--	50	ND	220	140	ND	--	
	07/17/97	355.62	15.30	0.00	340.32	-1.84	460	2300	--	30	4.5	140	94	190	--	
	10/17/97	355.62	16.33	0.00	339.29	-1.03	510	1500	--	31	6.7	110	88	220	--	
	01/19/98	355.62	14.34	0.00	341.28	1.99	1900	3100	--	46	3.4	310	200	170	--	
D	01/19/98	355.62	14.34	0.00	341.28	1.99	1300	--	--	--	--	--	--	--	--	
	04/23/98	355.59	11.16	0.00	344.43	3.15	--	3400	--	72	3.8	470	350	280	--	
	07/08/98	355.59	12.67	0.00	342.92	-1.51	2000	4500	--	51	ND	590	430	190	--	
	10/05/98	355.59	14.57	0.00	341.02	-1.90	--	7500	--	53	ND	680	350	190	180	
	01/04/99	355.59	15.35	0.00	340.24	-0.78	2700	10000	--	ND	ND	1200	540	--	ND	
D	01/04/99	355.59	15.35	0.00	340.24	-0.78	2500	--	--	--	--	--	--	--	--	
	04/05/99	355.59	13.64	0.00	341.95	1.71	920	4900	--	34	ND	350	150	150	55	
D	04/05/99	355.59	13.64	0.00	341.95	1.71	570	--	--	--	--	--	--	--	--	
	07/01/99	355.59	14.39	0.00	341.20	-0.75	2700	10000	--	45	ND	850	420	260	110	
D	07/01/99	355.59	14.39	0.00	341.20	-0.75	3600	--	--	--	--	--	--	--	--	
	09/30/99	355.59	15.32	0.00	340.27	-0.93	2360	7150	--	ND	ND	415	84.4	ND	195	
D	09/30/99	355.59	15.32	0.00	340.27	-0.93	1680	--	--	--	--	--	--	--	--	
	01/03/00	355.59	16.51	0.00	339.08	-1.19	2000	5400	--	28	8.4	180	33	160	120	
D	01/03/00	355.59	16.51	0.00	339.08	-1.19	1700	--	--	--	--	--	--	--	--	
	04/04/00	355.59	12.89	0.00	342.70	3.62	990	4800	--	30	ND	210	93	170	160	
D	04/04/00	355.59	12.89	0.00	342.70	3.62	1400	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	07/14/00	355.59	14.56	0.00	341.03	-1.67	2800	6200	--	41	16	170	32	170	120	
D	07/14/00	355.59	14.56	0.00	341.03	-1.67	1200	--	--	--	--	--	--	--	--	
	10/27/00	355.59	15.96	0.00	339.63	-1.40	1400	3830	--	16.8	ND	68.6	7.99	55.2	38	
D	10/27/00	355.59	15.96	0.00	339.63	-1.40	1300	--	--	--	--	--	--	--	--	
	01/08/01	355.59	15.72	0.00	339.87	0.24	--	2410	--	14.7	4.30	30.5	5.04	34.5	9.33	
	04/03/01	355.59	14.46	0.00	341.13	1.26	1500	3330	--	15.8	5.96	74.8	7.06	ND	13.3	
D	04/03/01	355.59	14.46	0.00	341.13	1.26	830	--	--	--	--	--	--	--	--	
	07/06/01	355.59	15.65	0.00	339.94	-1.19	1600	4300	--	23	6.4	57	6.8	58	36	
D	07/06/01	355.59	15.65	0.00	339.94	-1.19	1200	--	--	--	--	--	--	--	--	
	10/05/01	355.59	16.45	0.00	339.14	-0.80	2500	3800	--	19	ND<5.0	19	ND<5.0	64	36	
D	10/05/01	355.59	16.45	0.00	339.14	-0.80	2300	--	--	--	--	--	--	--	--	
	01/03/02	355.59	14.18	0.00	341.41	2.27	2200	4500	--	25	ND<10	24	ND<10	ND<100	23	
D	01/03/02	355.59	14.18	0.00	341.41	2.27	2200	--	--	--	--	--	--	--	--	
	04/01/02	355.59	13.72	0.00	341.87	0.46	1800	5300	--	36	6.7	48	12	93	59	
D	04/01/02	355.59	13.72	0.00	341.87	0.46	1200	--	--	--	--	--	--	--	--	
	07/01/02	355.59	14.61	0.00	340.98	-0.89	2100	--	3900	ND<0.50	ND<0.50	ND<0.50	3.9	--	23	
D	07/01/02	355.59	14.61	0.00	340.98	-0.89	2100	--	--	--	--	--	--	--	--	
	01/24/03	355.59	13.82	0.00	341.77	0.79	2100	--	3400	ND<2.5	ND<2.5	37	ND<5.0	--	21	
D	01/24/03	355.59	13.82	0.00	341.77	0.79	1700	--	--	--	--	--	--	--	--	
	07/28/03	355.59	14.51	0.00	341.08	-0.69	2100	--	7100	ND<2.5	ND<2.5	12	ND<5	13	13	
D	07/28/03	355.59	14.51	0.00	341.08	-0.69	1200	--	--	--	--	--	--	--	--	
	02/04/04	355.59	14.66	0.00	340.93	-0.15	1300	--	4000	ND<0.50	ND<0.50	13	ND<1.0	--	9.6	
	07/02/04	355.59	16.57	0.00	339.02	-1.91	400	--	2600	0.56	ND<0.5	5.3	ND<1	--	5.4	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	01/11/05	355.59	13.91	0.00	341.68	2.66	2000	--	5000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
D	01/11/05	355.59	13.91	0.00	341.68	2.66	1500	--	--	--	--	--	--	--	--	
	07/08/05	355.59	13.26	0.00	342.33	0.65	1300	--	3100	ND<0.50	ND<0.50	4.3	ND<1.0	--	2.2	
	01/06/06	355.59	14.64	0.00	340.95	-1.38	1200	--	2200	ND<0.50	ND<0.50	3.1	ND<1.0	--	2.8	
	09/11/06	355.59	15.11	0.00	340.48	-0.47	1200	--	2700	ND<0.50	ND<0.50	2.0	0.79	--	1.6	
	02/16/07	355.59	15.38	0.00	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
	07/03/07	355.59	15.60	0.00	339.99	-0.22	950	--	2300	ND<0.50	ND<0.50	1.6	0.74	--	0.89	
D	07/03/07	355.59	15.60	0.00	339.99	-0.22	890	--	--	--	--	--	--	--	--	
	02/01/08	355.59	14.28	0.00	341.31	1.32	1100	--	3100	0.88	ND<0.50	1.6	ND<1.0	--	ND<0.50	
	09/02/08	355.59	16.97	0.00	338.62	-2.69	960	--	3300	ND<1.0	ND<1.0	1.4	ND<2.0	--	ND<1.0	
	03/06/09	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	
	08/21/09	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	
U-2 (Screen Interval in feet: 10.0-30.0)																
	07/08/95	356.59	12.68	0.00	343.91	--	4700	17000	--	430	ND	2200	590	--	--	
	10/12/95	356.59	16.01	0.00	340.58	-3.33	3600	24000	--	310	60	1900	190	--	--	
	01/11/96	356.59	17.06	0.00	339.53	-1.05	8600	10000	--	210	55	1400	240	--	--	
	04/11/96	356.59	12.75	0.00	343.84	4.31	1900	7700	--	130	27	1100	110	340	--	
	07/10/96	356.59	14.42	0.00	342.17	-1.67	2300	5600	--	59	15	610	42	250	--	
	10/30/96	356.59	16.82	0.00	339.77	-2.40	1800	7700	--	67	35	1000	54	260	--	
	01/27/97	356.59	12.91	0.00	343.68	3.91	660	1600	--	14	ND	130	7.0	100	--	
	04/08/97	356.59	14.07	0.00	342.52	-1.16	2000	4300	--	35	ND	400	16	ND	--	
	07/17/97	356.59	15.96	0.00	340.63	-1.89	1300	6200	--	17	22	410	ND	130	--	
	10/17/97	356.59	17.03	0.00	339.56	-1.07	1400	7100	--	71	26	520	50	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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															
	01/19/98	356.59	15.10	0.00	341.49	1.93	2100	5300	--	46	11	350	16	110	--
D	01/19/98	356.59	15.10	0.00	341.49	1.93	1500	--	--	--	--	--	--	--	--
	04/23/98	356.55	11.74	0.00	344.81	3.32	--	3200	--	23	11	210	38	160	--
	07/08/98	356.55	13.27	0.00	343.28	-1.53	1100	1600	--	34	8.5	100	7.4	190	--
	10/05/98	356.55	14.90	0.00	341.65	-1.63	--	2900	--	37	8.4	110	7.3	78	--
	01/04/99	356.55	15.94	0.00	340.61	-1.04	670	2200	--	35	ND	17	ND	86	--
D	01/04/99	356.55	15.94	0.00	340.61	-1.04	250	--	--	--	--	--	--	--	--
	04/05/99	356.55	14.19	0.00	342.36	1.75	660	4900	--	21	77	130	310	100	6.9
D	04/05/99	356.55	14.19	0.00	342.36	1.75	490	--	--	--	--	--	--	--	--
	07/01/99	356.55	14.98	0.00	341.57	-0.79	210	1500	--	7.6	ND	ND	ND	ND	35
D	07/01/99	356.55	14.98	0.00	341.57	-0.79	440	--	--	--	--	--	--	--	--
	09/30/99	356.55	16.00	0.00	340.55	-1.02	483	256	--	1.85	ND	2.42	ND	26.3	29.8
D	09/30/99	356.55	16.00	0.00	340.55	-1.02	340	--	--	--	--	--	--	--	--
	01/03/00	356.55	17.20	0.00	339.35	-1.20	2400	3400	--	23	13	ND	44	46	14
D	01/03/00	356.55	17.20	0.00	339.35	-1.20	1900	--	--	--	--	--	--	--	--
	04/04/00	356.55	13.50	0.00	343.05	3.70	1000	3600	--	34	17	56	ND	59	25
D	04/04/00	356.55	13.50	0.00	343.05	3.70	1000	--	--	--	--	--	--	--	--
	07/14/00	356.55	15.23	0.00	341.32	-1.73	1000	3100	--	16	13	15	10	100	19
D	07/14/00	356.55	15.23	0.00	341.32	-1.73	350	--	--	--	--	--	--	--	--
	10/27/00	356.55	16.74	0.00	339.81	-1.51	2000	4180	--	30.4	10.2	14.6	ND	55.5	15
D	10/27/00	356.55	16.74	0.00	339.81	-1.51	1900	--	--	--	--	--	--	--	--
	01/08/01	356.55	16.68	0.00	339.87	0.06	--	3300	--	33.5	7.32	3.49	ND	66.7	7.49
	04/03/01	356.55	15.12	0.00	341.43	1.56	1500	4290	--	32.4	9.91	20.1	ND	66.6	18.1

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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 04/03/01	356.55	15.12	0.00	341.43	1.56	830	--	--	--	--	--	--	--	--	
07/06/01	356.55	16.32	0.00	340.23	-1.20	1400	4700	--	35	11	12	5.3	62	19	
D 07/06/01	356.55	16.32	0.00	340.23	-1.20	1100	--	--	--	--	--	--	--	--	
10/05/01	356.55	17.15	0.00	339.40	-0.83	3200	3600	--	31	9.6	8.7	6.9	62	13	
D 10/05/01	356.55	17.15	0.00	339.40	-0.83	1900	--	--	--	--	--	--	--	--	
01/03/02	356.55	14.90	0.00	341.65	2.25	2300	4600	--	34	11	15	5.8	62	7.5	
D 01/03/02	356.55	14.90	0.00	341.65	2.25	2100	--	--	--	--	--	--	--	--	
04/01/02	356.55	14.38	0.00	342.17	0.52	1400	3500	--	38	9.3	10	6.5	87	18	
D 04/01/02	356.55	14.38	0.00	342.17	0.52	470	--	--	--	--	--	--	--	--	
07/01/02	356.55	15.24	0.00	341.31	-0.86	ND<50	--	4500	ND<0.50	ND<0.50	5.0	1.7	--	ND<0.50	
01/24/03	356.55	14.31	0.00	342.24	0.93	860	--	2300	1.1	1.5	6.9	2.4	--	5.9	
D 01/24/03	356.55	14.31	0.00	342.24	0.93	570	--	--	--	--	--	--	--	--	
07/28/03	356.55	15.18	0.00	341.37	-0.87	1300	--	5600	ND<2.5	ND<2.5	3.4	ND<5	ND<10	ND<10	
D 07/28/03	356.55	15.18	0.00	341.37	-0.87	710	--	--	--	--	--	--	--	--	
02/04/04	356.55	15.36	0.00	341.19	-0.18	1300	--	4400	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	
07/02/04	356.55	16.28	0.00	340.27	-0.92	380	--	5700	1.4	2.8	6.6	5.5	--	6.6	
01/11/05	356.55	14.59	0.00	341.96	1.69	1800	--	5800	0.99	2.5	5.4	5.1	--	ND<5.0	
D 01/11/05	356.55	14.59	0.00	341.96	1.69	1100	--	--	--	--	--	--	--	--	
07/08/05	356.55	13.97	0.00	342.58	0.62	1100	--	3000	0.56	1.9	3.0	3.2	--	5.0	
D 07/08/05	356.55	13.97	0.00	342.58	0.62	960	--	--	--	--	--	--	--	--	
01/06/06	356.55	15.30	0.00	341.25	-1.33	1100	--	1600	ND<0.50	ND<0.50	0.97	ND<1.0	--	2.1	
09/11/06	356.55	15.62	0.00	340.93	-0.32	790	--	2300	ND<0.50	ND<0.50	1.0	1.0	--	2.7	
02/16/07	356.55	16.01	0.00	340.54	-0.39	200	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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																
	07/03/07	356.55	16.27	0.00	340.28	-0.26	540	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
D	07/03/07	356.55	16.27	0.00	340.28	-0.26	530	--	--	--	--	--	--	--	--	
	02/01/08	356.55	15.02	0.00	341.53	1.25	340	--	830	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
	09/02/08	356.55	17.71	0.00	338.84	-2.69	300	--	1500	ND<0.50	ND<0.50	0.73	ND<1.0	--	0.80	
	03/06/09	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	
	08/21/09	356.55	17.60	0.00	338.95	-2.00	350	--	1600	ND<0.50	0.67	0.72	1.1	--	0.66	
U-3 (Screen Interval in feet: 10.0-30.0)																
	07/08/95	358.13	14.58	0.00	343.55	--	710	1100	--	0.57	2.1	1.7	2.4	--	--	
	10/12/95	358.13	17.60	0.00	340.53	-3.02	470	560	--	ND	0.87	0.7	1.1	--	--	
	01/11/96	358.13	18.65	0.00	339.48	-1.05	260	230	--	0.62	0.91	0.97	1.9	--	--	
	04/11/96	358.13	13.20	0.00	344.93	5.45	ND	68	--	ND	ND	ND	ND	ND	--	
	07/10/96	358.13	15.98	0.00	342.15	-2.78	ND	ND	--	ND	ND	ND	ND	ND	--	
	10/30/96	358.13	18.24	0.00	339.89	-2.26	ND	70	--	ND	ND	ND	ND	ND	--	
	01/27/97	358.13	14.41	0.00	343.72	3.83	ND	ND	--	ND	ND	ND	ND	ND	--	
	04/08/97	358.13	15.73	0.00	342.40	-1.32	ND	ND	--	ND	ND	ND	ND	ND	--	
	07/17/97	358.13	17.54	0.00	340.59	-1.81	ND	ND	--	ND	ND	ND	ND	ND	--	
	10/17/97	358.13	18.64	0.00	339.49	-1.10	63	ND	--	ND	ND	ND	ND	ND	--	
	01/19/98	358.13	16.67	0.00	341.46	1.97	68	ND	--	ND	ND	ND	ND	ND	--	
D	01/19/98	358.13	16.67	0.00	341.46	1.97	ND	--	--	--	--	--	--	--	--	
	04/23/98	358.09	13.28	0.00	344.81	3.35	--	ND	--	ND	ND	ND	ND	ND	--	
	07/08/98	358.09	14.90	0.00	343.19	-1.62	80	ND	--	ND	ND	ND	ND	ND	--	
	10/05/98	358.09	16.50	0.00	341.59	-1.60	--	ND	--	ND	ND	ND	ND	ND	--	
	01/04/99	358.09	17.70	0.00	340.39	-1.20	ND	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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															
04/05/99	358.09	15.67	0.00	342.42	2.03	ND	ND	--	ND	ND	ND	ND	ND	ND	
07/01/99	358.09	16.79	0.00	341.30	-1.12	ND	ND	--	ND	ND	ND	ND	ND	ND	
09/30/99	358.09	17.60	0.00	340.49	-0.81	ND	ND	--	ND	ND	ND	ND	ND	ND	
01/03/00	358.09	18.86	0.00	339.23	-1.26	ND	ND	--	ND	ND	ND	ND	ND	ND	
04/04/00	358.09	15.10	0.00	342.99	3.76	ND	ND	--	ND	ND	ND	ND	ND	ND	
07/14/00	358.09	16.85	0.00	341.24	-1.75	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/00	358.09	18.35	0.00	339.74	-1.50	ND	ND	--	ND	ND	ND	ND	ND	ND	
01/08/01	358.09	18.31	0.00	339.78	0.04	--	ND	--	ND	ND	ND	ND	ND	ND	
04/03/01	358.09	16.70	0.00	341.39	1.61	ND	ND	--	ND	ND	ND	ND	ND	ND	
07/06/01	358.09	17.90	0.00	340.19	-1.20	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/05/01	358.09	18.71	0.00	339.38	-0.81	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
01/03/02	358.09	16.41	0.00	341.68	2.30	ND<52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
04/01/02	358.09	15.87	0.00	342.22	0.54	ND<50	ND<50	--	ND<0.50	1.1	ND<0.50	1.2	ND<5.0	ND<2.0	
07/01/02	358.09	16.77	0.00	341.32	-0.90	1500	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/24/03	358.09	15.75	0.00	342.34	1.02	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<2.019	
07/28/03	358.09	16.74	0.00	341.35	-0.99	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
02/04/04	358.09	16.87	0.00	341.22	-0.13	90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/02/04	358.09	17.87	0.00	340.22	-1.00	ND<200	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
01/11/05	358.09	16.10	0.00	341.99	1.77	ND<50	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/08/05	358.09	15.57	0.00	342.52	0.53	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/06/06	358.09	16.94	0.00	341.15	-1.37	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/11/06	358.09	17.49	0.00	340.60	-0.55	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/16/07	358.09	17.71	0.00	340.38	-0.22	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1995 Through August 2009
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															
07/03/07	358.09	17.91	0.00	340.18	-0.20	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/08	358.09	16.52	0.00	341.57	1.39	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	358.09	19.32	0.00	338.77	-2.80	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/06/09	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	
08/21/09	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	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-4							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-4 continued							
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/06/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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							
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/06/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-1							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
04/01/02	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
07/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	5.2	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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							
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/06/09	16	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
04/01/02	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<200	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
07/28/03	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10

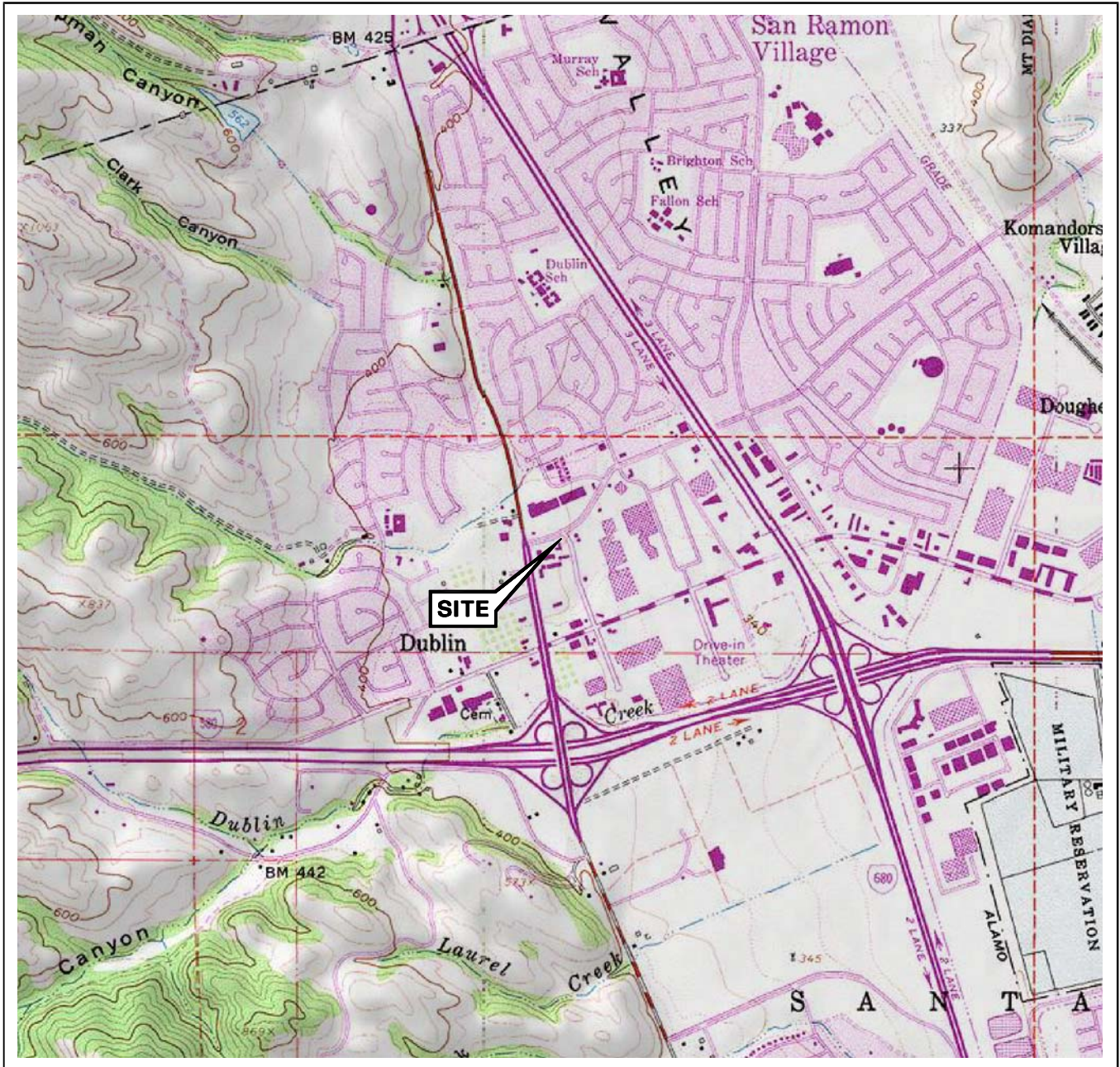
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

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							
02/04/04	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0
07/08/05	ND<50	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/06/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3							
04/05/99	ND	ND	ND	ND	ND	ND	ND
07/01/99	ND	ND	ND	ND	ND	ND	ND
09/30/99	ND	ND	ND	ND	ND	ND	ND
01/03/00	ND	ND	ND	ND	ND	ND	ND
04/04/00	ND	ND	ND	ND	ND	ND	ND
07/14/00	ND	ND	ND	ND	ND	ND	ND
10/27/00	ND	ND	ND	ND	ND	ND	ND
01/08/01	ND	ND	ND	ND	ND	ND	ND
04/03/01	ND	ND	ND	ND	ND	ND	ND
07/06/01	ND	ND	ND	ND	ND	ND	ND
10/05/01	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/03/02	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7176

Date Sampled	TBA (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							
04/01/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/02	ND<5.0	ND<25	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/24/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/28/03	ND<100	ND<500	ND<2	ND<2	ND<2	ND<2	ND<2
02/04/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/02/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1
01/11/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/08/05	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/06/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/11/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/01/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/06/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/21/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

FIGURES



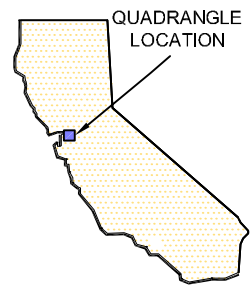
SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

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



SCALE 1:24,000



QUADRANGLE
LOCATION




FACILITY:


76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA


VICINITY MAP


FIGURE 1

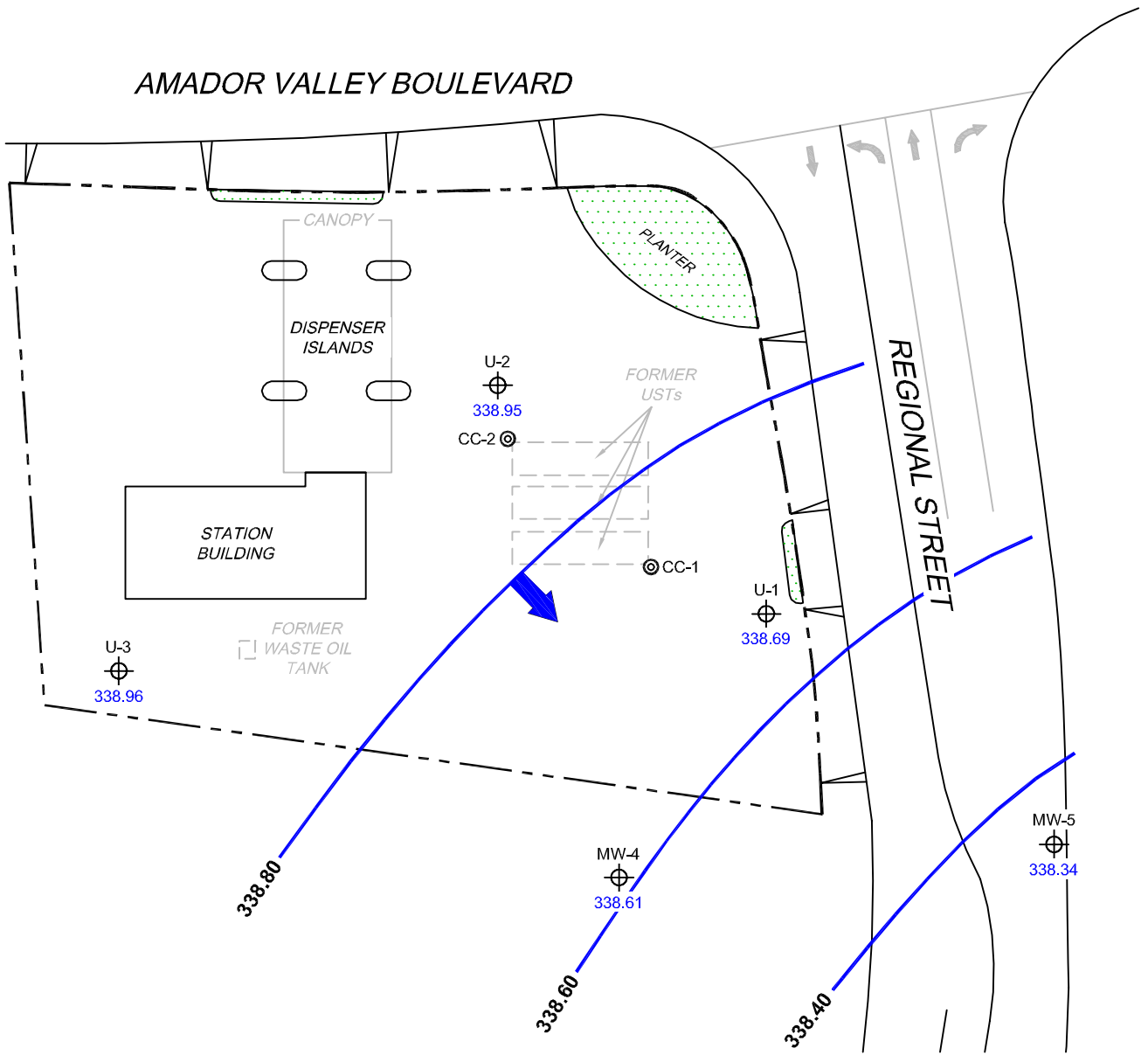
LEGEND

MW-5  Monitoring Well with Groundwater Elevation (feet)

CC-2  Conductor Casing

338.80  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)



L:\Graphics\QMS NORTH-SOUTH\17176\17176-QMS(NEW).dwg Sep 15, 2009 - 8:24am aakers

MS=1:1 7-176-003



PROJECT: 165521
 FACILITY:
 76 STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

**GROUNDWATER ELEVATION
 CONTOUR MAP
 August 21, 2009**

FIGURE 2

LEGEND

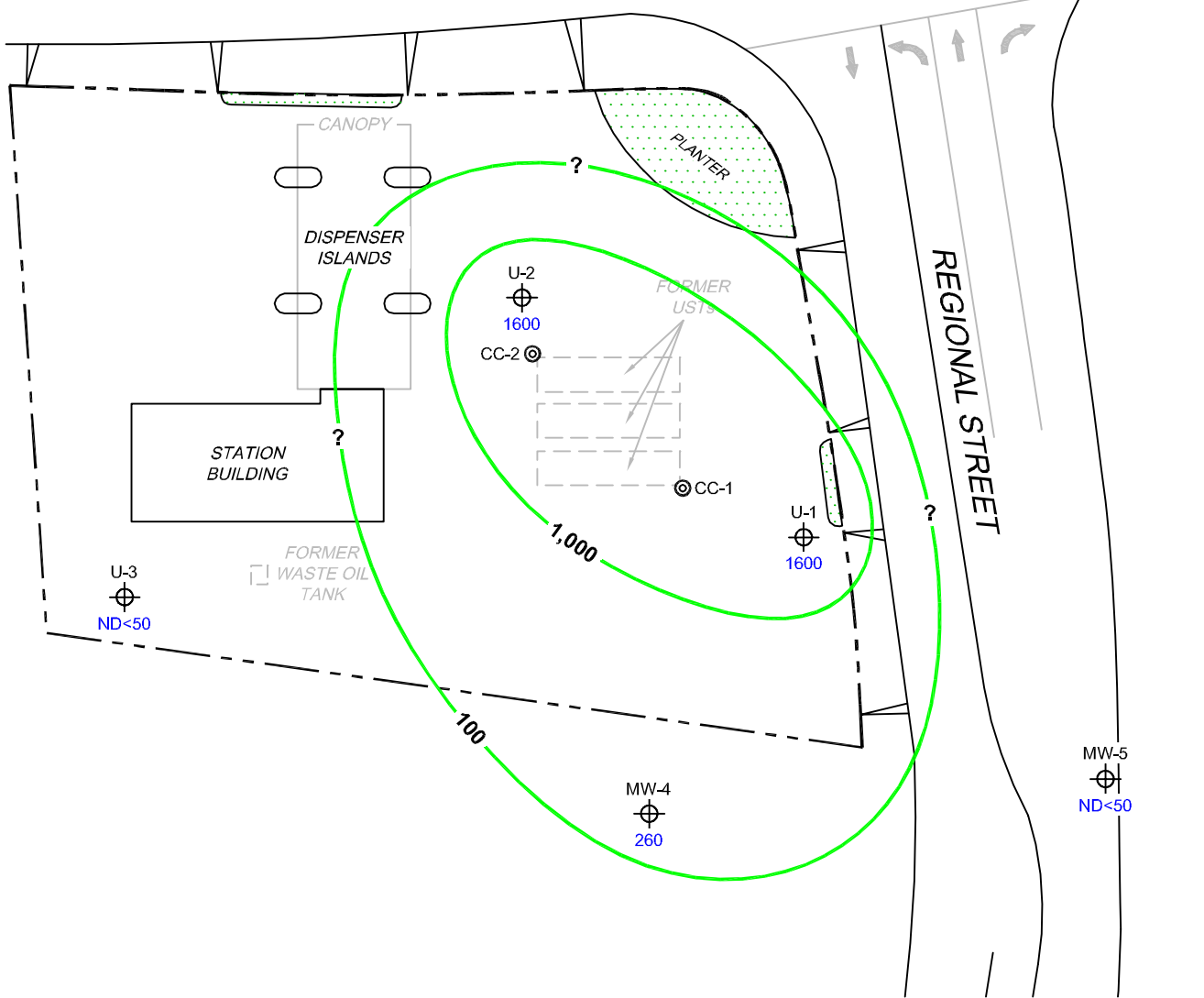
MW-5 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ($\mu\text{g/l}$)

CC-2 ⊙ Conductor Casing

1,000 — Dissolved-Phase TPH-G (GC/MS) Contour ($\mu\text{g/l}$)



AMADOR VALLEY BOULEVARD



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. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

SCALE (FEET)



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MS=1:1 7-176-003





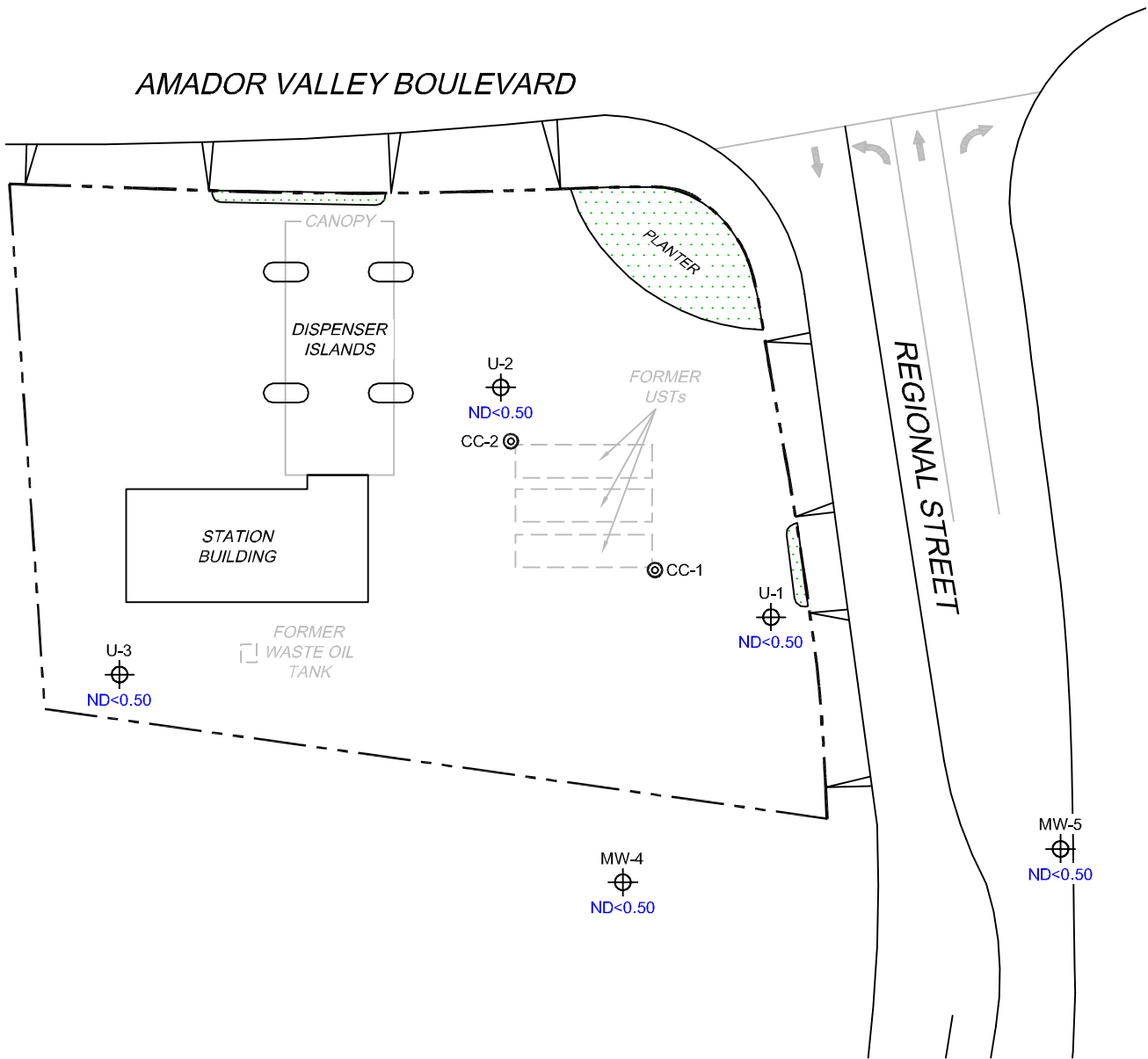
PROJECT: 165521
 FACILITY:
 76 STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

**DISSOLVED-PHASE TPH-G (GC/MS)
 CONCENTRATION MAP
 August 21, 2009**

FIGURE 3

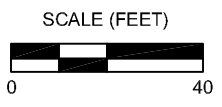
LEGEND

- MW-5  Monitoring Well with Dissolved-Phase Benzene Concentration ($\mu\text{g/l}$)
- CC-2  Conductor Casing



NOTES:

$\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 UST = underground storage tank.



MS=1:1 7-176-003 L:\Graphics\QMS NORTH-SOUTH\17176\17176-QMS(NEW).dwg Sep 15, 2009 - 8:24am aakers





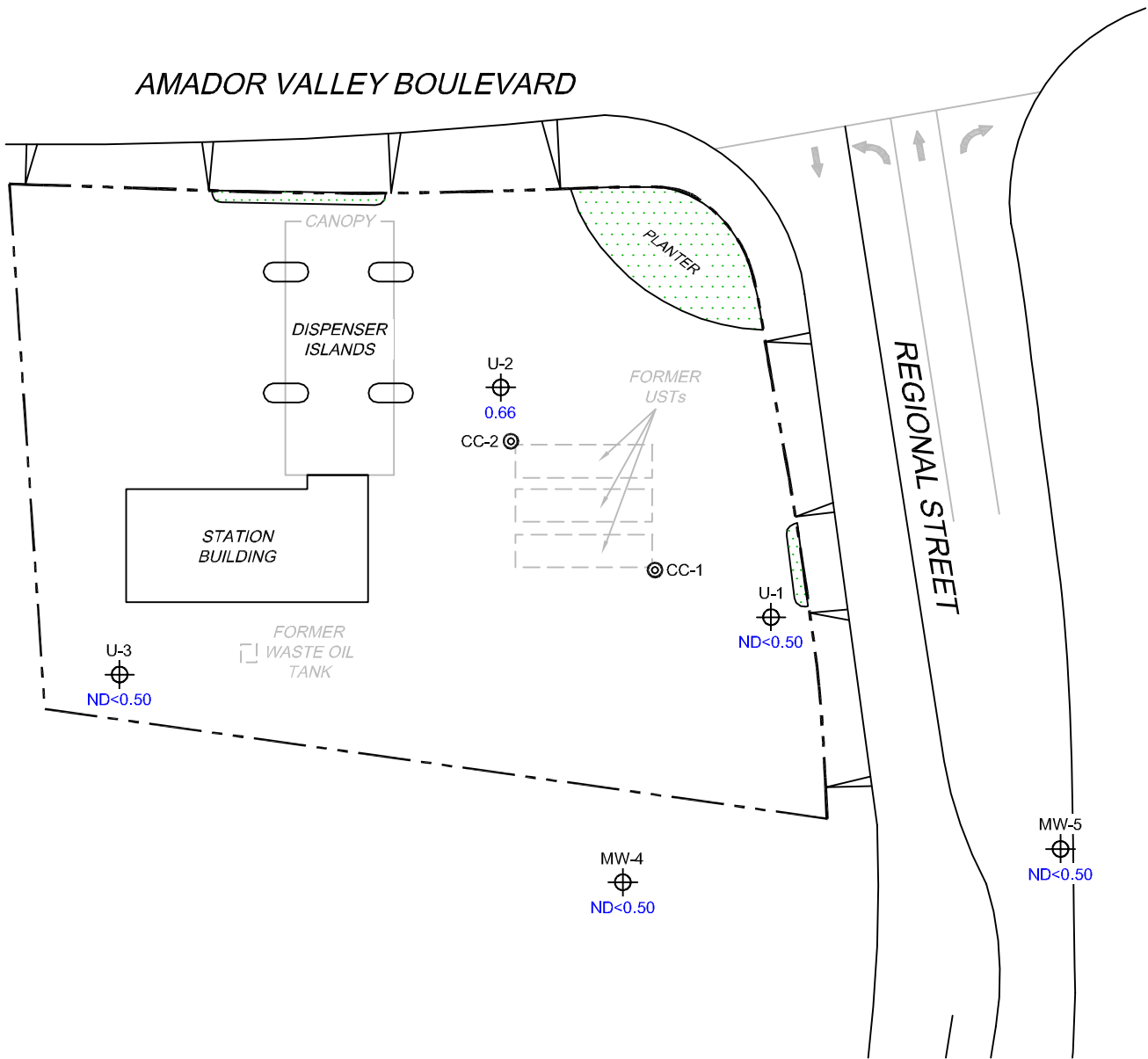
PROJECT: 165521
 FACILITY:
 76 STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP
 August 21, 2009**

FIGURE 4

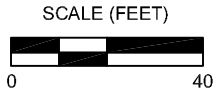
LEGEND

- MW-5  Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)
- CC-2  Conductor Casing



NOTES:

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



MS=1:1 7-176-003 L:\Graphics\QMS NORTH-SOUTH\17176\17176-QMS(NEW).dwg Sep 15, 2009 - 8:25am aakers





PROJECT: 165521
 FACILITY:
 76 STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA


**DISSOLVED-PHASE MTBE
 CONCENTRATION MAP
 August 21, 2009**

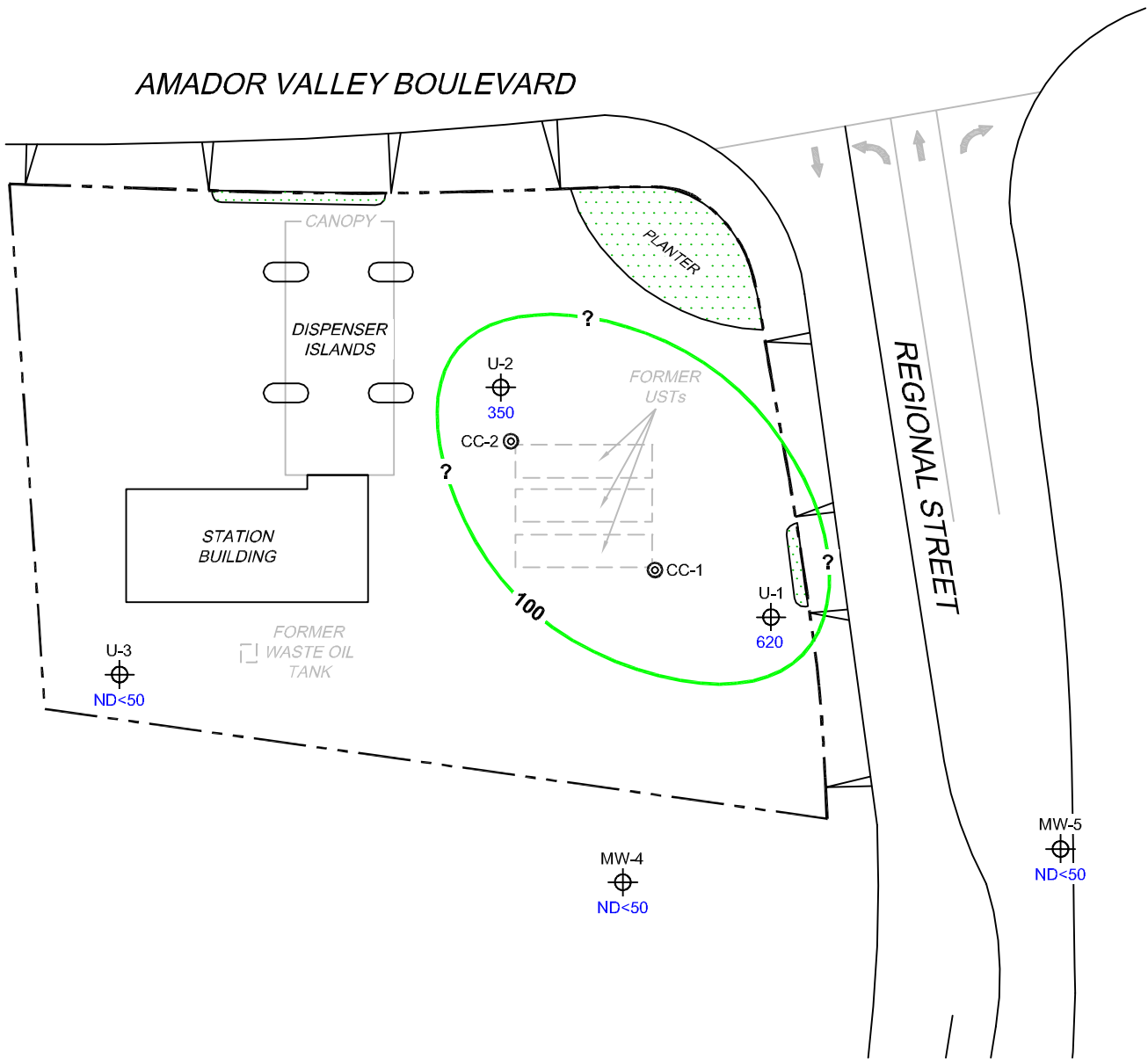
FIGURE 5

LEGEND

MW-5  Monitoring Well with Dissolved-Phase TPH-D Concentration ($\mu\text{g/l}$)

CC-2  Conductor Casing

 100 Dissolved-Phase TPH-D Contour ($\mu\text{g/l}$)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-D = total petroleum hydrocarbons as diesel. $\mu\text{g/l}$ = 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)



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MS=1:1 7-176-003



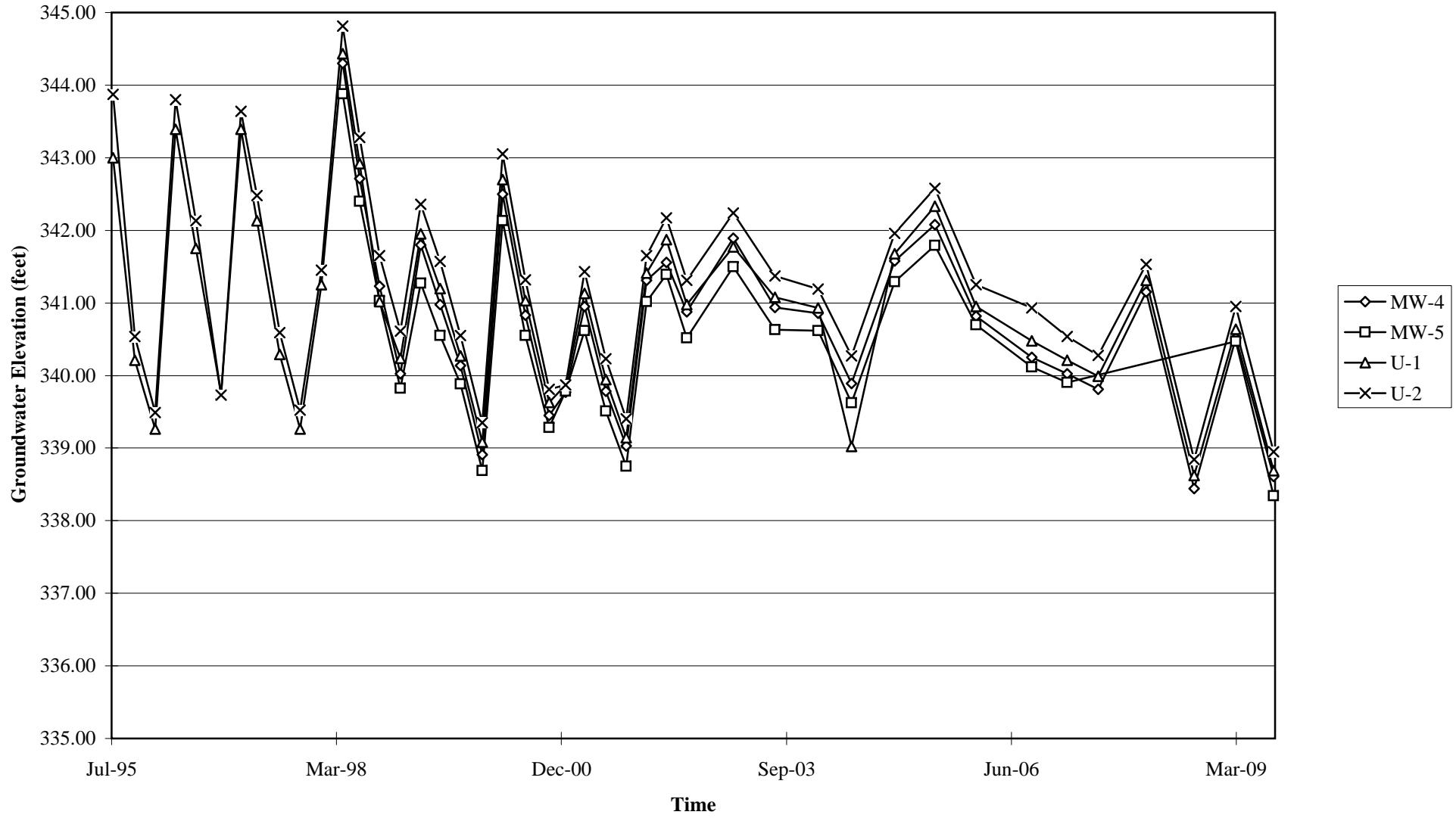
PROJECT: 165521
 FACILITY:
 76 STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

**DISSOLVED-PHASE TPH-D
 CONCENTRATION MAP
 August 21, 2009**

FIGURE 6

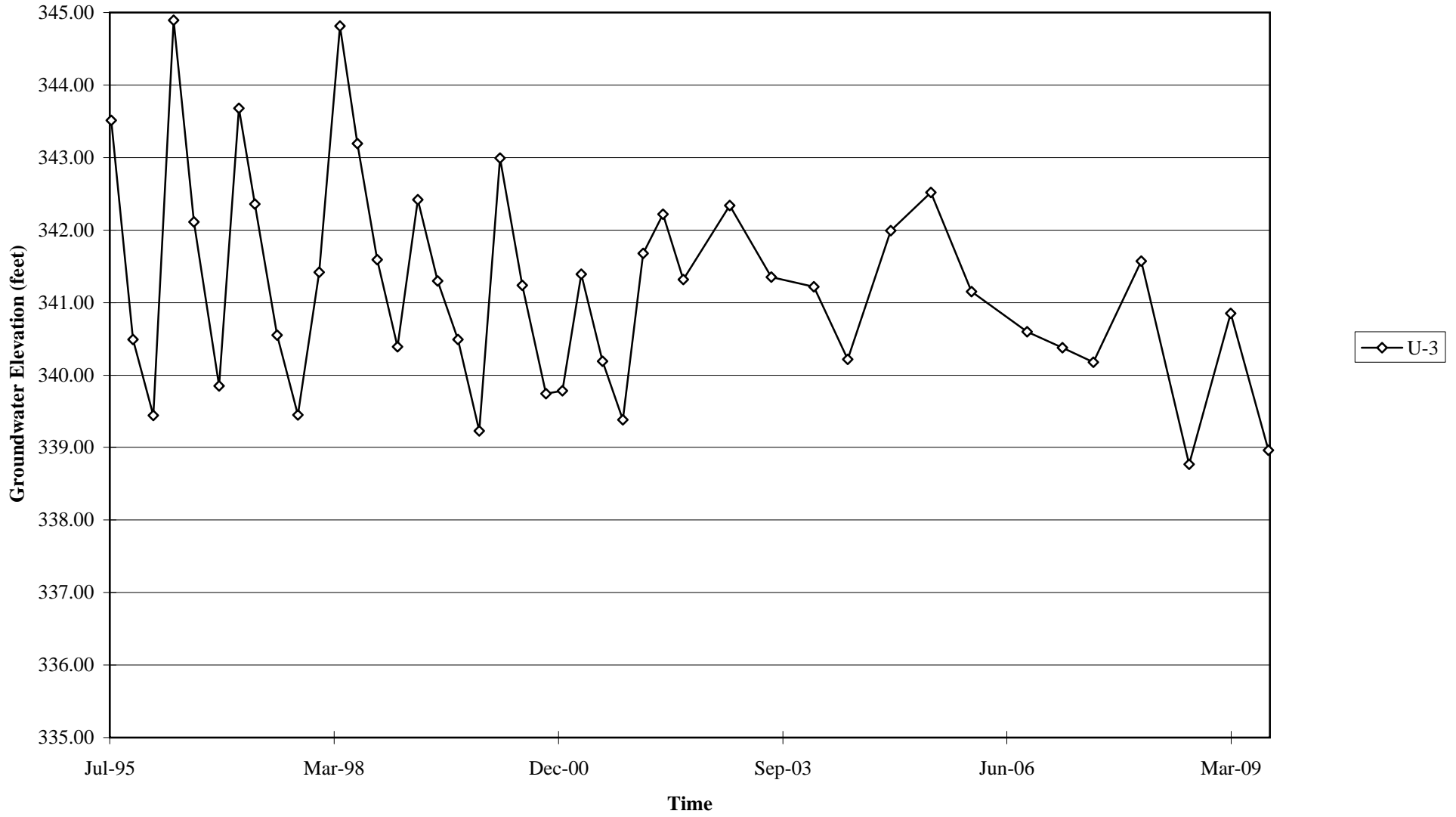
GRAPHS

Groundwater Elevations vs. Time
76 Station 7176



Elevations may have been corrected for apparent changes due to resurvey

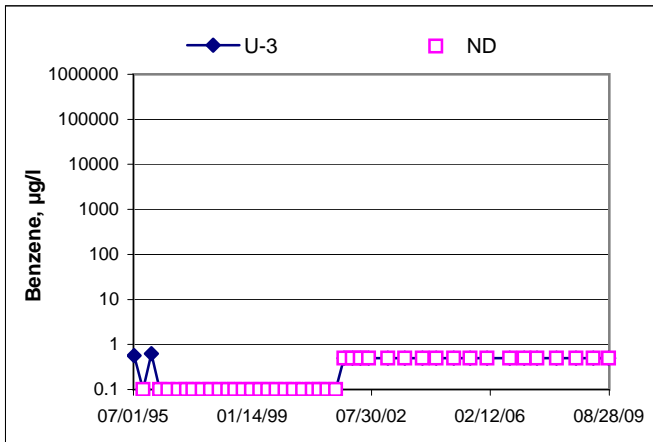
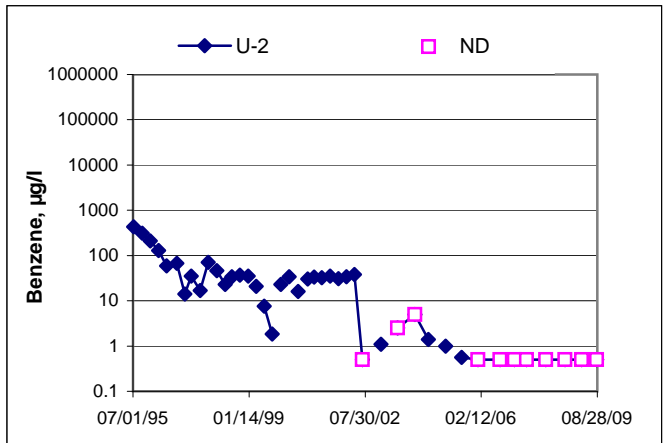
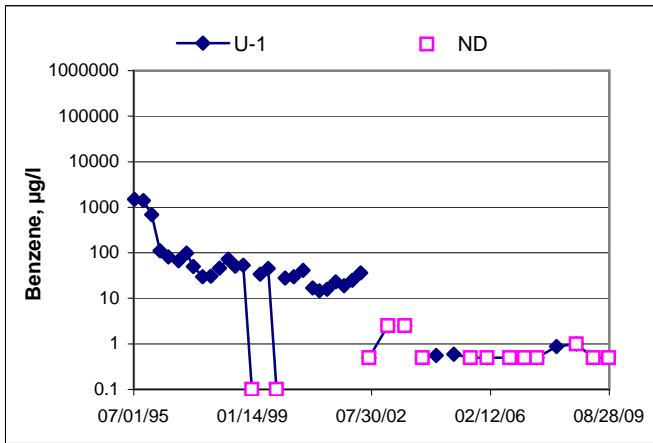
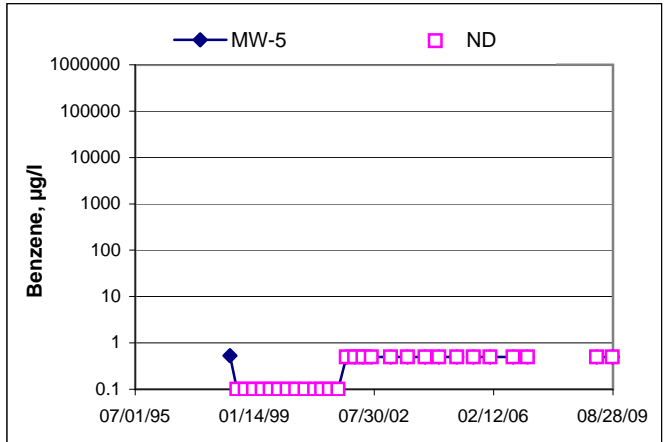
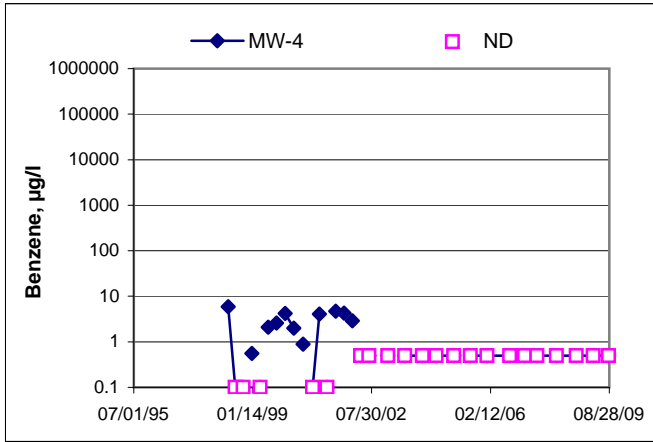
Groundwater Elevations vs. Time
76 Station 7176



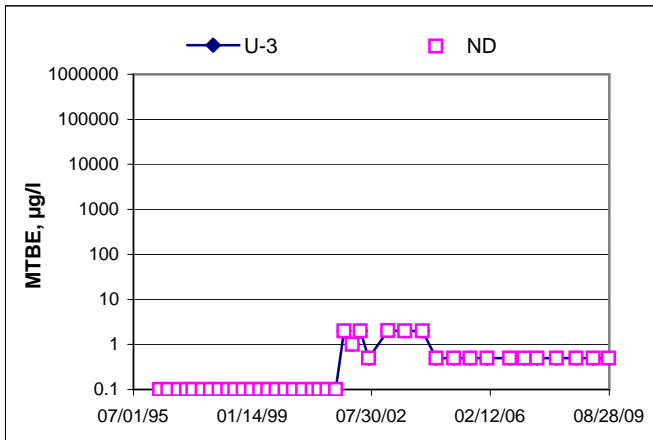
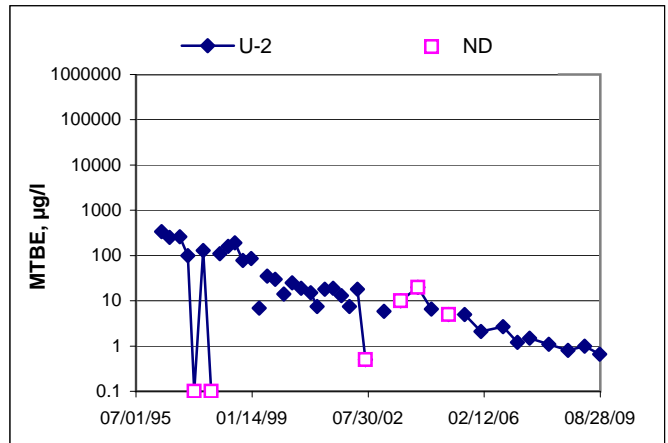
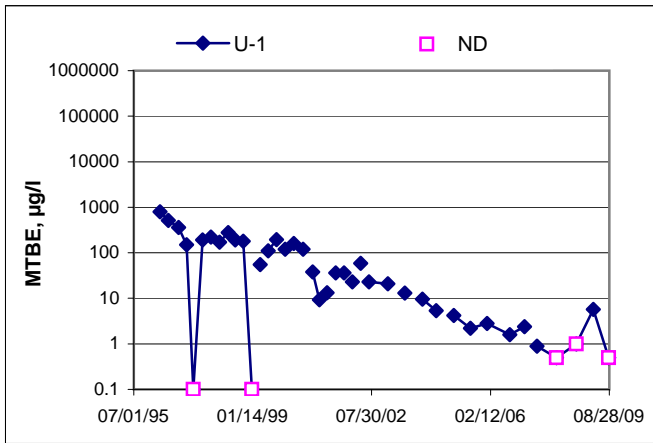
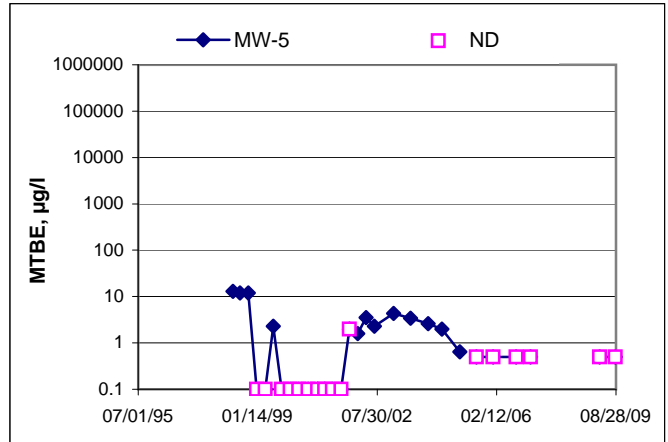
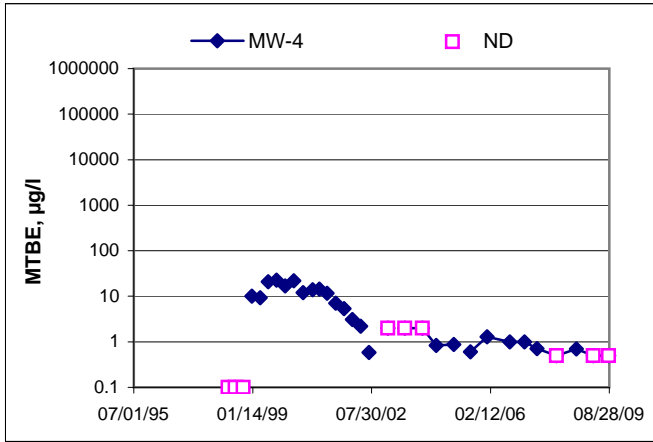
Elevations may have been corrected for apparent changes due to resurvey

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.

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176

Project No.: 165521

Date: 08-21-09

Well No. MW-5

Purge Method: DIA

Depth to Water (feet): 16.69

Depth to Product (feet): _____

Total Depth (feet): 24.50

LPH & Water Recovered (gallons): _____

Water Column (feet): 7.81

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.25

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									
<u>0651</u>			<u>2</u>	<u>1237</u>	<u>19.7</u>	<u>7.20</u>			
			<u>4</u>	<u>1244</u>	<u>20.0</u>	<u>6.82</u>			
	<u>0653</u>		<u>6</u>	<u>1248</u>	<u>20.1</u>	<u>6.63</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16.72</u>			<u>6</u>			<u>0659</u>			
Comments:									

Well No. MW-4

Purge Method: DIA

Depth to Water (feet): 17.80

Depth to Product (feet): _____

Total Depth (feet): 25.38

LPH & Water Recovered (gallons): _____

Water Column (feet): 7.58

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.31

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									
<u>0711</u>			<u>2</u>	<u>1259</u>	<u>18.8</u>	<u>6.94</u>			
			<u>4</u>	<u>1263</u>	<u>19.4</u>	<u>6.63</u>			
	<u>0712</u>		<u>6</u>	<u>1260</u>	<u>19.7</u>	<u>6.50</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>17.86</u>			<u>6</u>			<u>0719</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176

Project No.: 165521

Date: 08-21-09

Well No. U-3

Purge Method: DIA

Depth to Water (feet): 19.17

Depth to Product (feet):

Total Depth (feet): 28.30

LPH & Water Recovered (gallons):

Water Column (feet): 9.13

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.99

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									
0731			2	1213	18.5	7.05			
			4	1219	19.3	6.74			
	0732		6	1217	19.6	6.64			
Static at Time Sampled			Total Gallons Purged			Sample Time			
19.17			6			0739			
Comments:									

Well No. U-2

Purge Method: DIA

Depth to Water (feet): 17.60

Depth to Product (feet):

Total Depth (feet): 26.34

LPH & Water Recovered (gallons):

Water Column (feet): 8.74

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.34

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									
0750			2	1287	19.0	6.92			
			4	1301	19.6	6.65			
	0752		6	1301	19.7	6.65			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.68			6			0759			
Comments: Dry At 6 Gals.									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7176

Project No.: 165521

Date: 08-21-09

Well No. U-1

Purge Method: DIA

Depth to Water (feet): 16.90

Depth to Product (feet):

Total Depth (feet): 28.58

LPH & Water Recovered (gallons):

Water Column (feet): 11.68

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.23

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	DO (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0810</u>			<u>2</u>	<u>1149</u>	<u>19.3</u>	<u>6.99</u>			
			<u>4</u>	<u>1155</u>	<u>19.9</u>	<u>6.67</u>			
	<u>0812</u>		<u>6</u>	<u>1150</u>	<u>20.1</u>	<u>6.58</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>17.00</u>			<u>6</u>			<u>0820</u>			
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	DO (mg/L)	ORP	Turbidity
Pre-Purge									
Static at Time Sampled			Total Gallons Purged			Sample Time			
Comments:									



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Date of Report: 09/03/2009

Anju Farfan

TRC

21 Technology Drive
Irvine, CA 92618

RE: 7176
BC Work Order: 0911072
Invoice ID: B067428

Enclosed are the results of analyses for samples received by the laboratory on 8/21/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0911072-01	COC Number:	---		08/21/2009 18:50	Global ID: T0600101883
	Project Number:	7176		Sampling Date: 08/21/2009 06:59	Location ID (FieldPoint): MW-5
	Sampling Location:	---		Sample Depth: ---	Matrix: W
	Sampling Point:	MW-5		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0911072-02	COC Number:	---		08/21/2009 18:50	Global ID: T0600101883
	Project Number:	7176		Sampling Date: 08/21/2009 07:19	Location ID (FieldPoint): MW-4
	Sampling Location:	---		Sample Depth: ---	Matrix: W
	Sampling Point:	MW-4		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0911072-03	COC Number:	---		08/21/2009 18:50	Global ID: T0600101883
	Project Number:	7176		Sampling Date: 08/21/2009 07:39	Location ID (FieldPoint): U-3
	Sampling Location:	---		Sample Depth: ---	Matrix: W
	Sampling Point:	U-3		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0911072-04	COC Number:	---		08/21/2009 18:50	Global ID: T0600101883
	Project Number:	7176		Sampling Date: 08/21/2009 07:59	Location ID (FieldPoint): U-2
	Sampling Location:	---		Sample Depth: ---	Matrix: W
	Sampling Point:	U-2		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
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0911072-05	COC Number: ---	Receive Date: 08/21/2009 18:50	Delivery Work Order:
	Project Number: 7176	Sampling Date: 08/21/2009 08:20	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:



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911072-01		Client Sample Name: 7176, MW-5, 8/21/2009 6:59:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Toluene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Ethanol	ND	ug/L	250		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417			
Toluene-d8 (Surrogate)	97.1	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:50	KEA	MS-V12	1	BSH1417			



TRC
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Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0911072-01		Client Sample Name: 7176, MW-5, 8/21/2009 6:59:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	08/29/09	09/01/09 17:23	OAA	GC-5	0.980	BSH2017	ND	M02	
Tetracosane (Surrogate)	121	%	28 - 139 (LCL - UCL)		Luft/TPHd	08/29/09	09/01/09 17:23	OAA	GC-5	0.980	BSH2017			



TRC
21 Technology Drive
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Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911072-02		Client Sample Name: 7176, MW-4, 8/21/2009 7:19:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Toluene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Ethanol	ND	ug/L	250		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
Total Purgeable Petroleum Hydrocarbons	260	ug/L	50		Luft-GC/MS	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417			
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417			
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:31	KEA	MS-V12	1	BSH1417			

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Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0911072-02		Client Sample Name: 7176, MW-4, 8/21/2009 7:19:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	08/29/09	09/01/09 17:37	OAA	GC-5	1	BSH2017	ND	M02	
Tetracosane (Surrogate)	107	%	28 - 139 (LCL - UCL)		Luft/TPHd	08/29/09	09/01/09 17:37	OAA	GC-5	1	BSH2017			



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911072-03		Client Sample Name: 7176, U-3, 8/21/2009 7:39:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Toluene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Ethanol	ND	ug/L	250		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417			
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417			
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 04:13	KEA	MS-V12	1	BSH1417			



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0911072-03		Client Sample Name: 7176, U-3, 8/21/2009 7:39:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	08/29/09	09/01/09 17:51	OAA	GC-5	0.990	BSH2017	ND	M02	
Tetracosane (Surrogate)	93.1	%	28 - 139 (LCL - UCL)		Luft/TPHd	08/29/09	09/01/09 17:51	OAA	GC-5	0.990	BSH2017			



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911072-04		Client Sample Name: 7176, U-2, 8/21/2009 7:59:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Ethylbenzene	0.72	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Methyl t-butyl ether	0.66	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Toluene	0.67	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Total Xylenes	1.1	ug/L	1.0		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Ethanol	ND	ug/L	250		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
Total Purgeable Petroleum Hydrocarbons	1600	ug/L	50		Luft-GC/MS	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417	ND		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417			
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417			
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:55	KEA	MS-V12	1	BSH1417			

TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0911072-04	Client Sample Name: 7176, U-2, 8/21/2009 7:59:00AM													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	350	ug/L	50		Luft/TPHd	08/29/09	09/01/09 18:05	OAA	GC-5	1	BSH2017	ND	A52,M02	
Tetracosane (Surrogate)	118	%	28 - 139 (LCL - UCL)		Luft/TPHd	08/29/09	09/01/09 18:05	OAA	GC-5	1	BSH2017			



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911072-05		Client Sample Name:	7176, U-1, 8/21/2009 8:20:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Ethylbenzene	0.66	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Toluene	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417	ND	
Total Purgeable Petroleum Hydrocarbons	1600	ug/L	250		Luft-GC/MS	08/24/09	08/25/09 03:36	KEA	MS-V12	5	BSH1417	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:36	KEA	MS-V12	5	BSH1417		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	88.5	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:36	KEA	MS-V12	5	BSH1417		
4-Bromofluorobenzene (Surrogate)	99.0	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 03:36	KEA	MS-V12	5	BSH1417		
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/25/09 12:54	KEA	MS-V12	1	BSH1417		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0911072-05		Client Sample Name: 7176, U-1, 8/21/2009 8:20:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	620	ug/L	50		Luft/TPHd	08/29/09	09/01/09 18:19	OAA	GC-5	0.950	BSH2017	ND	A52,M02	
Tetracosane (Surrogate)	117	%	28 - 139 (LCL - UCL)		Luft/TPHd	08/29/09	09/01/09 18:19	OAA	GC-5	0.950	BSH2017			



TRC
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Project: 7176
Project Number: 4511010878
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Reported: 09/03/2009 8:29

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		Lab Quals
										RPD	Percent Recovery	
Benzene	BSH1417	Matrix Spike	0909743-69	0	23.190	25.000	ug/L		92.8		70 - 130	
		Matrix Spike Duplicate	0909743-69	0	23.990	25.000	ug/L	3.4	96.0	20	70 - 130	
Toluene	BSH1417	Matrix Spike	0909743-69	0	21.070	25.000	ug/L		84.3		70 - 130	
		Matrix Spike Duplicate	0909743-69	0	20.820	25.000	ug/L	1.2	83.3	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.4800	10.000	ug/L		94.8		76 - 114	
		Matrix Spike Duplicate	0909743-69	ND	9.9800	10.000	ug/L		99.8		76 - 114	
Toluene-d8 (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.9800	10.000	ug/L		99.8		88 - 110	
		Matrix Spike Duplicate	0909743-69	ND	9.9100	10.000	ug/L		99.1		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.7000	10.000	ug/L		97.0		86 - 115	
		Matrix Spike Duplicate	0909743-69	ND	10.190	10.000	ug/L		102		86 - 115	

TRC
21 Technology Drive
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Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

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		Lab Quals
										RPD	Percent Recovery	
Diesel Range Organics (C12 - C24)	BSH2017	Matrix Spike	0909743-41	31.397	402.60	500.00	ug/L		74.2		36 - 130	
		Matrix Spike Duplicate	0909743-41	31.397	382.19	500.00	ug/L	5.5	70.2	30	36 - 130	
Tetracosane (Surrogate)	BSH2017	Matrix Spike	0909743-41	ND	21.656	20.000	ug/L		108		28 - 139	
		Matrix Spike Duplicate	0909743-41	ND	24.372	20.000	ug/L		122		28 - 139	



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Project: 7176
Project Number: 4511010878
Project Manager: Anju Farfan

Reported: 09/03/2009 8:29

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		Lab Quals
										Percent Recovery	RPD	
Benzene	BSH1417	BSH1417-BS1	LCS	23.220	25.000	0.50	ug/L	92.9		70 - 130		
Toluene	BSH1417	BSH1417-BS1	LCS	20.990	25.000	0.50	ug/L	84.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	BSH1417-BS1	LCS	10.100	10.000		ug/L	101		76 - 114		
Toluene-d8 (Surrogate)	BSH1417	BSH1417-BS1	LCS	10.210	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSH1417	BSH1417-BS1	LCS	9.6700	10.000		ug/L	96.7		86 - 115		

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Project: 7176
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Reported: 09/03/2009 8:29

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		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BSH2017	BSH2017-BS1	LCS	382.19	500.00	50	ug/L	76.4		48 - 125		
Tetracosane (Surrogate)	BSH2017	BSH2017-BS1	LCS	23.666	20.000		ug/L	118		28 - 139		



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Project: 7176
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Reported: 09/03/2009 8:29

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	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Toluene	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Total Xylenes	BSH1417	BSH1417-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSH1417	BSH1417-BLK1	ND	ug/L	10		
Diisopropyl ether	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Ethanol	BSH1417	BSH1417-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSH1417	BSH1417-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	BSH1417-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSH1417	BSH1417-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSH1417	BSH1417-BLK1	96.8	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 7176 Project Number: 4511010878 Project Manager: Anju Farfan	Reported: 09/03/2009 8:29
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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BSH2017	BSH2017-BLK1	ND	ug/L	50		M02
Tetracosane (Surrogate)	BSH2017	BSH2017-BLK1	122	%	28 - 139 (LCL - UCL)		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 7176
Project Number: 4511010878
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Reported: 09/03/2009 8:29

Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.
- A52 Chromatogram not typical of diesel.
- M02 Analyte detected in the Method Blank at a level between the PQL and 1/2 the PQL.

Submission #: 09-11072

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 Containers None Comments: _____
 Intact? Yes No Intact? Yes No

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: IND80
 Temperature: A 2.4 °C / C 2.4 °C

Date/Time 8/21/09 1900
 Analyst Init JNW

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A/B	A/B	A/B	A/B	A/B	()	()	A/B	()	()
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	B/C	B/C	B/C	B/C	B/C			B/C		
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Received 1 broken VOA from -2.
 Sample Numbering Completed By: JNW Date/Time: 8/21/09 1937

A = Actual / C = Corrected

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

09-11072

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	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	E08/E0C by 8260B	* per Rick MW 8/24	Turnaround Time Requested
Address: 7850 Amador Valley Blvd.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan												
City: Dublin		4-digit site#: 7176 Workorder # 01635-4511010878												
State: CA	Zip:	Project #: 165521												
Conoco Phillips Mgr: Jerry Grayson		Sampler Name: JOE												
Lab#	Sample Description	Field Point Name	Date & Time Sampled											
-1		MW-5	08-21-09 0659	GW		X	X	X	X	X	*	X		STD
-2		MW-4	0719	↓		↓	↓	↓	↓	↓	↓	↓		↓
-3		MW-3 U-3	0739	↓		↓	↓	↓	↓	↓	↓	↓		↓
-4		U-2	0759	↓		↓	↓	↓	↓	↓	↓	↓		↓
-5		U-1	0820	↓		↓	↓	↓	↓	↓	↓	↓		↓

CHK BY DISTRIBUTION
CRR [Signature]
SEP 01 2009

Comments: Run TPH-D with silica gel cleanup on HITS GLOBAL ID: 70600101883	Relinquished by: (Signature) Joe D. Lewis	Received by: [Signature]	Date & Time 08-21-09 1933
	Relinquished by: (Signature) Rick Wickey 8/21/09	Received by: [Signature]	Date & Time 8-26-09 1500
	Relinquished by: (Signature) Rick Wickey 8-24-09 1850	Received by: [Signature]	Date & Time 8/21/09 1850

**Receipt of Manifest
is Pending**

(September 11, 2009)



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.