



April 2, 2013

Roya C. Kambin
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6270
RKLG@chevron.com

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

RECEIVED

By Alameda County Environmental Health at 8:19 am, Apr 05, 2013

RE: First and Second Quarter 2013 Groundwater Monitoring Report
7850 Amador Valley Boulevard, Dublin, California
Fuel Leak Case No.: RO0000482

Dear Mr. Kharti,

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

If you have any questions or need additional information, please contact me at (925) 790-6270.

Sincerely,

A handwritten signature in black ink, appearing to read "Roya Kambin".

Roya Kambin
Union Oil of California – Project Manager

Attachment
First and Second Quarter 2013 Groundwater Monitoring Report Submittal



ARCADIS U.S., Inc.
2000 Powell Street
7th Floor
Emeryville
California 94608
Tel 510.652.4500
Fax 510.652.4906
www.arcadis-us.com

Mr. Paresh Khatri
Alameda County Heath Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject:
First Half 2013 Semi-Annual Groundwater Monitoring Report Submittal

ENVIRONMENT

Dear Mr. Khatri:

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (hereinafter "EMC"), ARCADIS U.S., Inc (ARCADIS) is pleased to submit the enclosed First Semi-annual Groundwater Monitoring Report for the following facility:

Date:
April 02, 2013

Contact:
Katherine Brandt

Phone:
510.596.9675

Email:
Katherine.Brandt@arcadis-us.com

<u>Facility No.</u>	<u>Case No.</u>	<u>Location</u>
7176	RO0482	7850 Amador Valley Boulevard Dublin, California

Our ref:
B0047943.2013

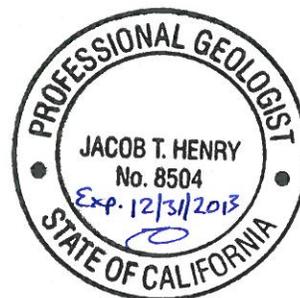
If you have any questions, please contact Katherine Brandt at 510.596.9675.

Sincerely,

ARCADIS

Katherine Brandt
Certified Project Manager

Jacob Henry, P.G.
Project Geologist



Copies:
Ms. Roya Kambin, EMC (electronic copy only)

UNION OIL OF CALIFORNIA
SEMIANNUAL MONITORING REPORT
FIRST HALF 2013
April 02, 2013

Facility No.: 7176 Address: 7850 Amador Valley Boulevard, Dublin, California 94568

Consulting Company/Contact Person/Phone No.: ARCADIS / Katherine Brandt / 510.596.9675

Primary Agency/Contact Person/Regulatory ID No.: Alameda County Health Care Services / Mr. Paresh Khatri
Case No. RO0000482

WORK PERFORMED DURING THIS REPORTING PERIOD (First Half – 2013) :

1. Gettler Ryan conducted groundwater monitoring and sampling on February 22, 2013. Field data sheets and general procedures are included as **Attachment A**. Four (4) groundwater monitoring wells were gauged and sampling during this monitoring event (MW-5 and U-1 through U-3). Due to access restrictions, MW-4 was neither gauged nor sampled during this groundwater monitoring event.

All groundwater samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by both United States Environmental Protection Agency (USEPA) Method 8015B and 8260, and total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and total xylenes (BTEX, collectively), oxygenates (methyl tertiary butyl ether [MTBE], ethyl tertiary butyl ether [ETBE], di-isopropyl ether [DIPE], tertiary amyl methyl ether [TAME], tertiary butyl alcohol [TBA]), 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), and ethanol by USEPA Method 8260B. In addition, field parameters electrical conductivity (EC), temperature, and pH were recorded in the field.

The site location map and the site plan are presented on **Figures 1** and **2**. Groundwater contour and concentration maps for TPH-g and TPH-d are presented on **Figures 3** through **5**. Current Groundwater Gauging and Analytical Results are summarized in **Table 1**, Current Additional Groundwater Analytical Results are summarized in **Table 1a**, and Historical Groundwater Results from TRC Solutions are included as **Attachment B**. A copy of the laboratory analytical report and chain-of-custody documentation is included as **Attachment C**.

WORK PROPOSED FOR THE NEXT REPORTING PERIOD (Second Half – 2013):

1. Perform groundwater monitoring and related reporting during third quarter 2013.

Current Phase of Project: Groundwater Monitoring/Closure Request

Site Use: Active Chevron-branded service station.

Frequency of Sampling: Groundwater – Semiannually

Frequency of Monitoring: Groundwater – Semiannually

Are Separate-Phase Hydrocarbons (SPH) Present On-Site: No

Cumulative SPH Recovered to Date: None

SPH Recovered This Period: None

Bulk Soil Removed to Date: 1,863 tons (1994)

Bulk Soil Removed this Period: None

Water Wells or Surface Waters within a 2,000' Radius and Their Respective Directions: A domestic supply well is located approximately 2,100 feet southwest of the site.

Groundwater Use Designation: Storage (municipal and domestic drinking water supply)

Current Remediation Techniques: None

Permits for Discharge (No.): None

Approximate Depth to Groundwater: 12.06 (U-3) – 15.52 (U-2) feet below top of casing

**UNION OIL OF CALIFORNIA
SEMIANNUAL MONITORING REPORT
FIRST HALF 2013
April 02, 2013**

Facility No.: 7176 Address: 7850 Amador Valley Boulevard, Dublin, California 94568

Measured Estimated

Approximate Groundwater Elevation: 343.14 (MW-5) – 348.81 (U-3) feet relative to mean sea level

Measured Estimated

Groundwater Gradient: 0.004 ft/ft (Magnitude) East-southeast (Direction)

DISCUSSION:

Groundwater conditions during the first semi-annual 2013 event remained generally consistent with previous periods. Impacted groundwater appears to be mainly isolated on-site and centered near the USTs. Due to access restrictions, MW-4 was not sampled.

TPH-g was detected in two of the groundwater samples collected. The concentrations of TPH-g detected using USEPA Method 8260 were 2,100 µg/L (U-1) and 510 µg/L (U-2). The concentration of TPH-g using USEPA method 8015 was 980 µg/L (U-1) and 500 µg/L (U-2). TPH-d was detected in the groundwater samples collected from U-1 and U-2 at concentrations of 560 µg/L and 150 µg/L, respectively. All other groundwater samples had concentrations of TPH-g, TPH-d, and BTEX that were not detected above their respective laboratory reporting limits.

CONCLUSIONS AND RECOMMENDATIONS:

Dissolved hydrocarbon constituent concentrations have remained relatively consistent with previous monitoring events. ARCADIS submitted a Low Threat Closure Request November 19, 2012. During ACEH's review of the Closure request, ARCADIS will cease groundwater monitoring activities.

ATTACHMENTS:

Figure 1: Site Location Map

Figure 2: Site Plan

Figure 3: Groundwater Contour Map

Figure 4: TPH-g Concentration Contour Map

Figure 5: TPH-d Concentration Contour Map

Table 1: Current Groundwater Gauging and Analytical Results

Table 1a: Current Field Parameters and Additional Volatile Organic Compounds

Attachment A: Field Data Sheets and General Procedures

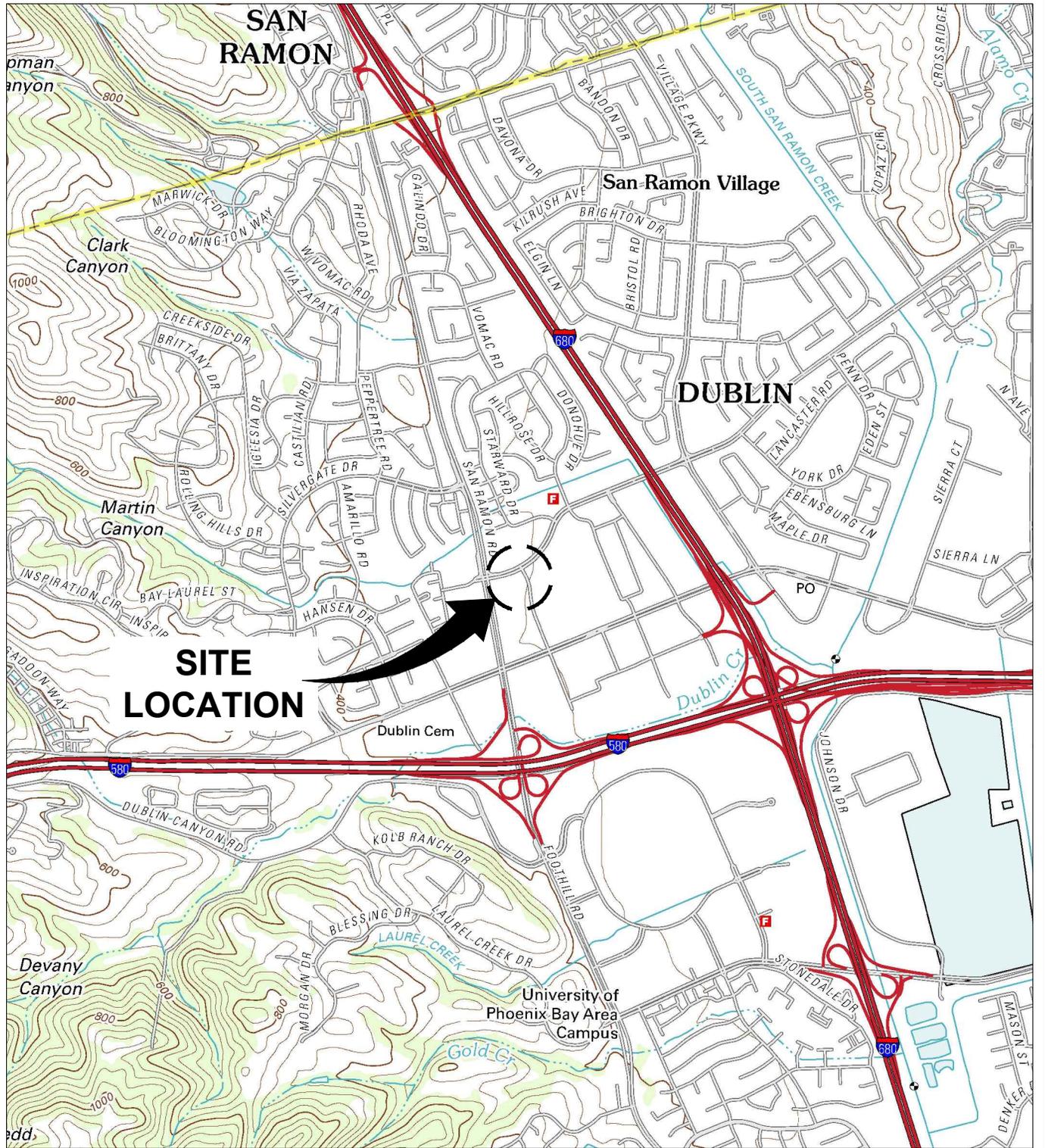
Attachment B: Historical Groundwater Results from TRC

Attachment C: Laboratory Report and Chain-of-Custody Documentation

ARCADIS

Figures

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., DUBLIN, CALIFORNIA, 2012.



Approximate Scale: 1 in. = 2000 ft.



CALIFORNIA



UNION OIL COMPANY OF CALIFORNIA
 76 SERVICE STATION 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

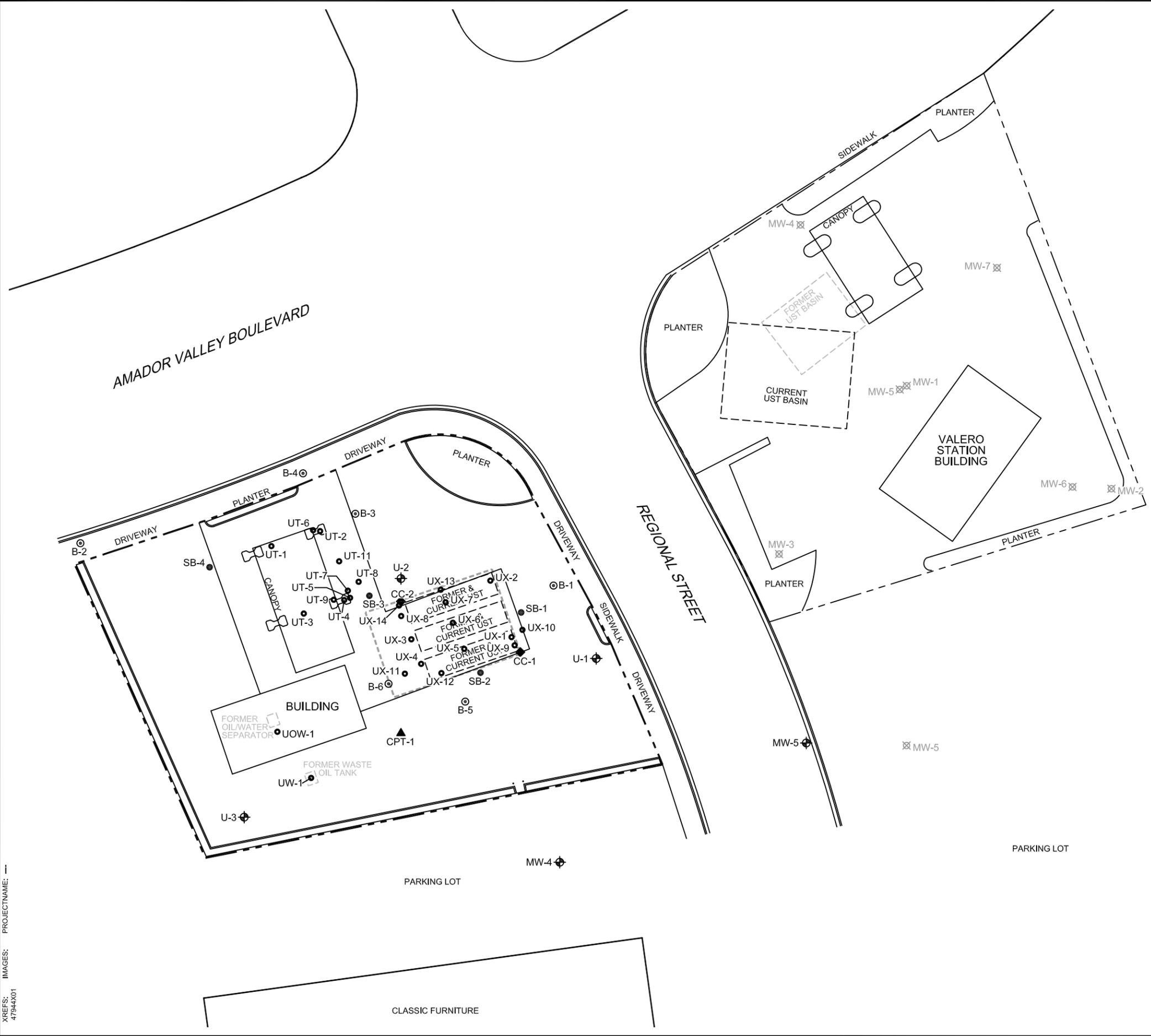
SITE LOCATION MAP



FIGURE

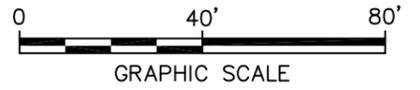
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- LEGEND**
- PROPERTY BOUNDARY
 - APPROXIMATE LIMITS OF FORMER EXCAVATION
 - U-1 ⊕ GROUNDWATER MONITORING WELL
 - MW-1 ⊗ ABANDONED GROUNDWATER MONITORING WELL
 - CC-1 ◆ CONDUCTOR CASING LOCATION
 - CPT-1 ▲ CPT BORING (DELTA 2010)
 - SB-1 ● SOIL BORING (MILLER BROOKS 2004)
 - B-1 ⊙ SOIL BORING (ENVIROS 1995)
 - UX-1 ● SOIL SAMPLE LOCATION (ENVIROS 1994)

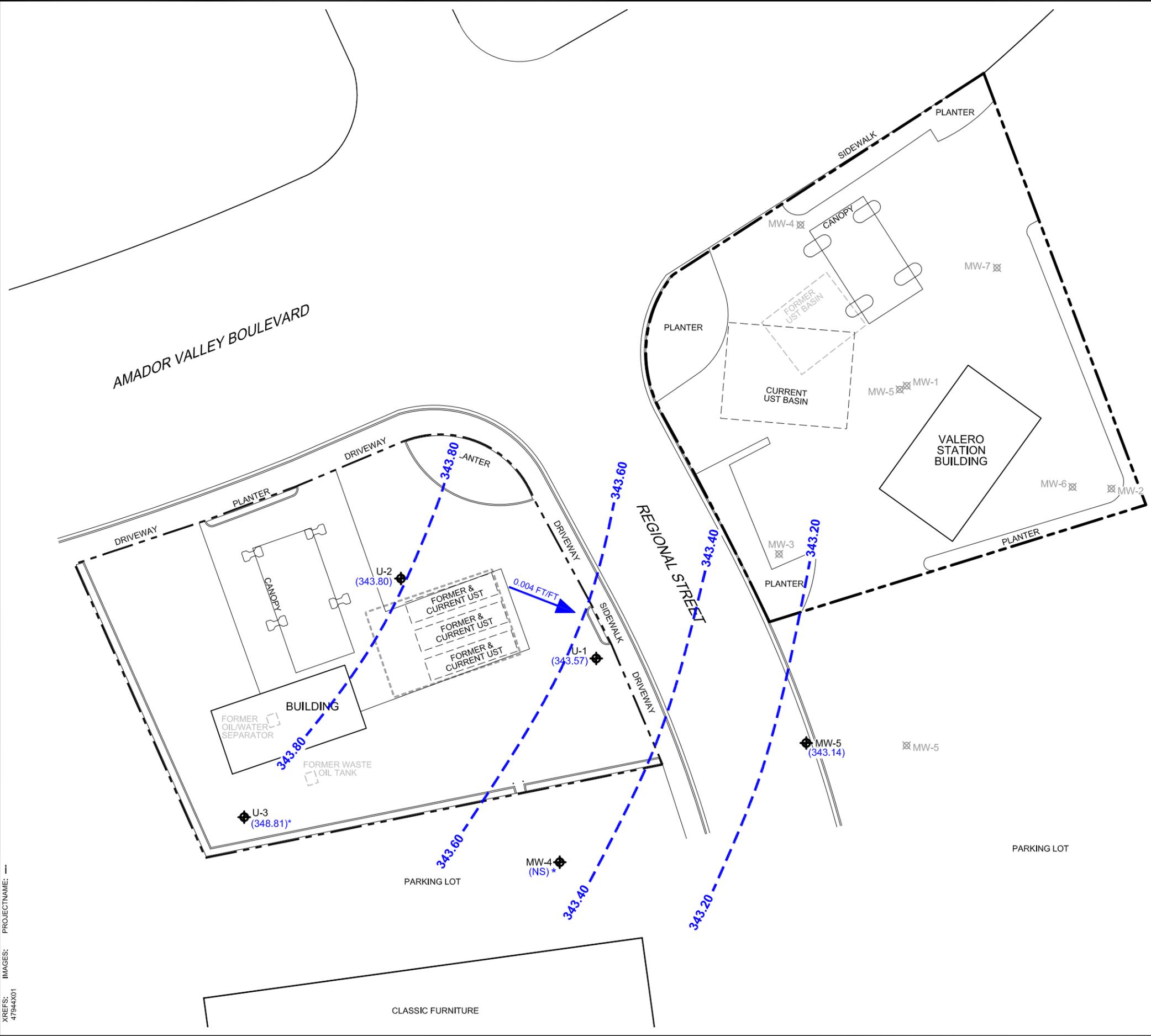
- NOTES:**
1. BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
 2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.



UNION OIL COMPANY OF CALIFORNIA 76 SERVICE STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	
SITE PLAN	
	FIGURE 2

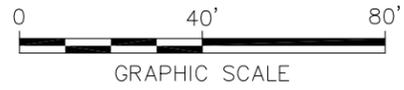


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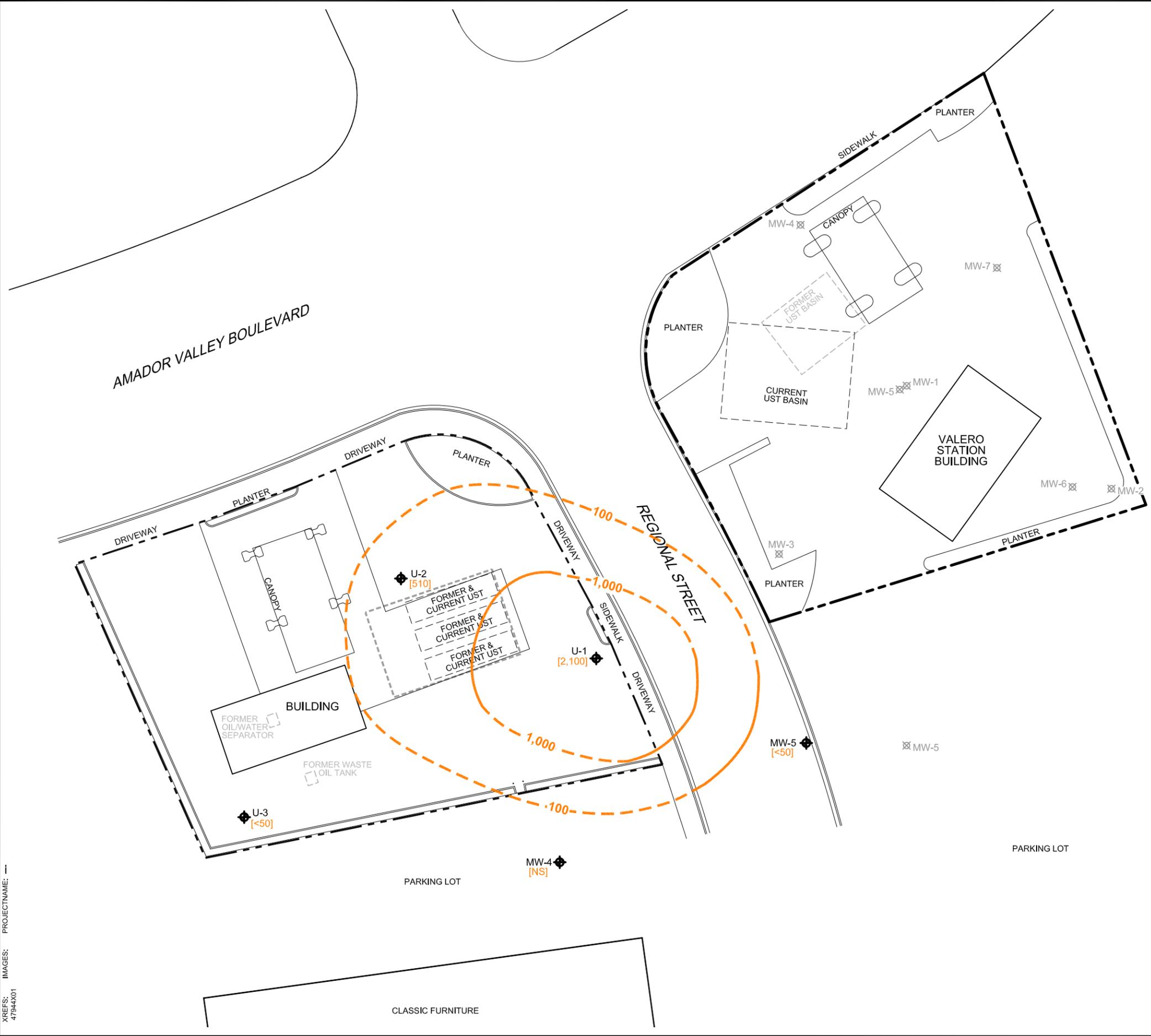
LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF FORMER EXCAVATION
	U-1 GROUNDWATER MONITORING WELL
	MW-1 ABANDONED GROUNDWATER MONITORING WELL
	(343.57) GROUNDWATER ELEVATION (FT AMSL)
	343.20 GROUNDWATER ELEVATION CONTOUR (FT AMSL, DASHED WHERE INFERRED)
	0.004 FT/FT APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FOOT PER FOOT)
	* WELL NOT USED FOR CONTOURING
	(NS) NOT SAMPLED
	FT AMSL FEET ABOVE MEAN SEA LEVEL

- NOTES:
- BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
 - ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.



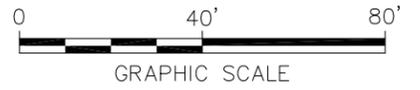
UNION OIL COMPANY OF CALIFORNIA 76 SERVICE STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	
GROUNDWATER CONTOUR MAP FEBRUARY 22, 2013	
	FIGURE 3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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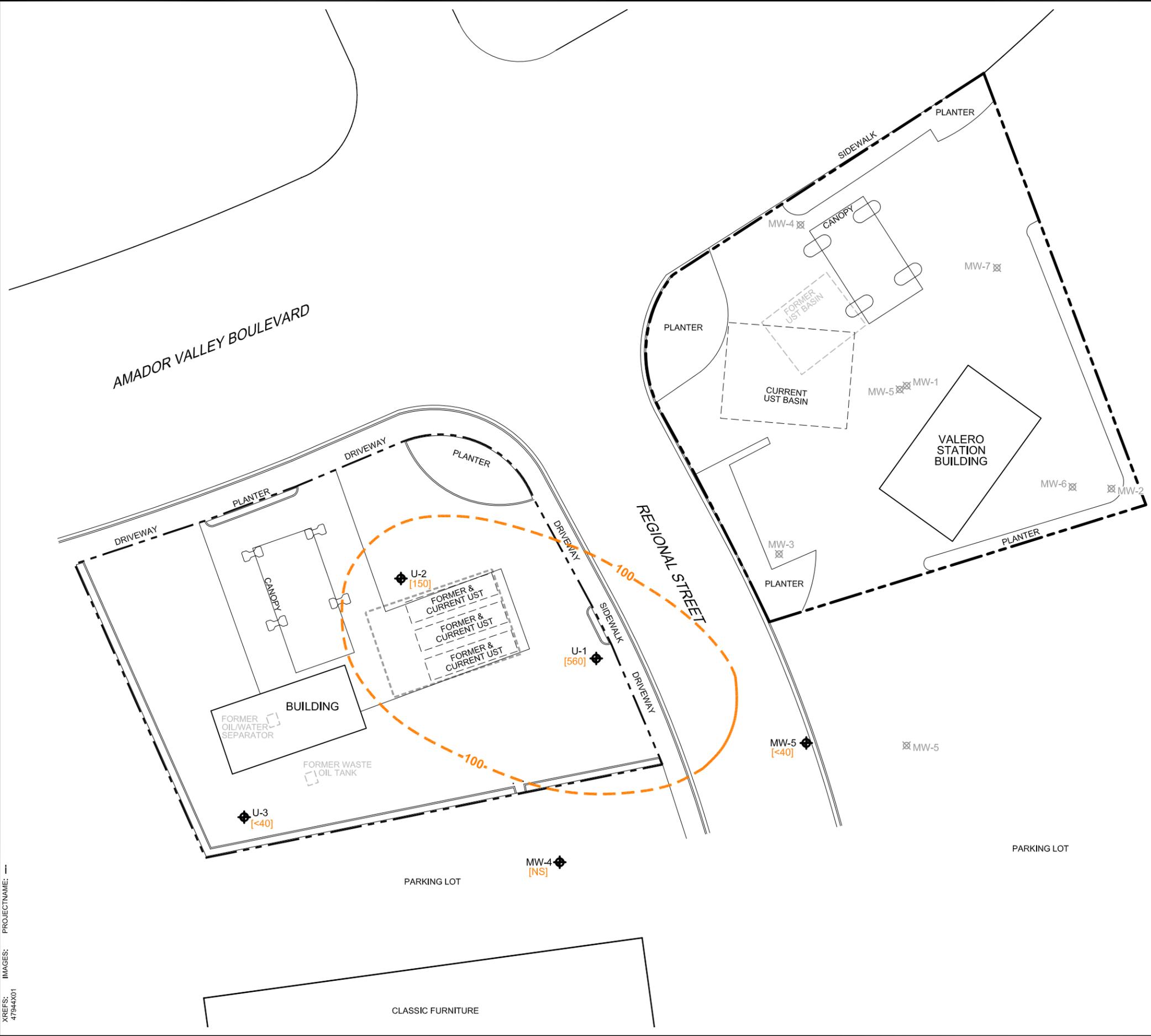
LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF FORMER EXCAVATION
	U-1 GROUNDWATER MONITORING WELL
	MW-1 ABANDONED GROUNDWATER MONITORING WELL
	TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (C4-C12) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
	100 TPH-g CONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)
	< DENOTES LESS THAN LABORATORY REPORTING LIMIT
	[NS] NOT SAMPLED

- NOTES:
1. BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
 2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
 3. TPH-g ANALYZED USING UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) METHODS 8015B AND 8260. THE HIGHEST CONCENTRATION DETECTED WAS USED FOR THIS ISOCONCENTRATION MAP.



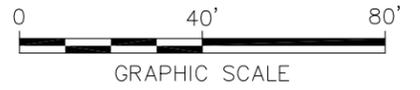
UNION OIL COMPANY OF CALIFORNIA 76 SERVICE STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	
TPH-g CONCENTRATION MAP FEBRUARY 22, 2013	
	FIGURE 4

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF FORMER EXCAVATION
	U-1 GROUNDWATER MONITORING WELL
	MW-1 ABANDONED GROUNDWATER MONITORING WELL
	[TPH-d] TOTAL PETROLEUM HYDROCARBONS AS DIESEL (C12-C24) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
	100 TPH-d CONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)
	< DENOTES LESS THAN LABORATORY REPORTING LIMIT
	[NS] NOT SAMPLED

- NOTES:
1. BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
 2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.



UNION OIL COMPANY OF CALIFORNIA 76 SERVICE STATION 7176 7850 AMADOR VALLEY BOULEVARD DUBLIN, CALIFORNIA	
TPH-d CONCENTRATION MAP FEBRUARY 22, 2013	
	FIGURE 5

Table 1
Current Groundwater Gauging and Analytical Results
Unocal Site 7176
7850 Amador Boulevard, Dublin, California

Well ID	Date Sampled	TOC Elevation (ft amsl)	DTW (ft bTOC)	LPH Thickness (ft)	GW Elevation (ft amsl)	TPH-g (8260) (µg/l)	TPH-g (8015B) (µg/l)	TPH-d (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	ETBE (µg/l)	DIPE (µg/l)	EDB (µg/l)	EDC (µg/l)	Ethanol (µg/l)
MW-4	2/22/2013	359.16		--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/22/2013	357.80	14.66	--	343.14	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-1	2/22/2013	358.36	14.79	--	343.57	2,100	980	560	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-2	2/22/2013	359.32	15.52	--	343.80	510	500	150	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-3	2/22/2013	360.87	12.06	--	348.81	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250

Notes

Analytical results given in micrograms per liter (µg/l) unless otherwise noted
 -- = Not sampled or not applicable
Bold = detected above the laboratory reporting limit

Standard Abbreviations

- < not detected at or above laboratory detection limit
- µg/l micrograms per liter (approx. equivalent to parts per billion, ppb)
- TOC top of casing (surveyed reference elevation)
- MSL relative to mean sea level
- DTW depth to water
- bTOC below top of casing
- LPH liquid-phase hydrocarbons
- GW groundwater
- TPH-d total petroleum hydrocarbons as diesel (C-12-C-24)
- TPH-g total petroleum hydrocarbons as gasoline (C4-C12)
- MTBE methyl tertiary butyl ether
- TBA tertiary butyl alcohol
- TAME tertiary amyl methyl ether
- ETBE ethyl tertiary butyl ether
- DIPE di-isopropyl ether
- EDB 1,2-dibromoethane
- EDC 1,2-dichloroethane
- 8015B USEPA Method 8015B for TPH-d
- 8260 USEPA Method 8260B for TPH-g/BTEX/MTBE/Oxygenates

Table 1a
Current Field Parameters and Additional Volatile Organic Compounds
Unocal Site 7176
7850 Amador Boulevard, Dublin, California

Well ID	Date Sampled	EC @ 25°C (µS/cm)	pH	Temperature (°F)	n-Butylbenzene (µg/l)	sec-Butylbenzene (µg/l)	tert-Butylbenzene (µg/l)	Isopropylbenzene (µg/l)	n-Propylbenzene (µg/l)
MW-4	2/22/2013	--	--	--	--	--	--	--	--
MW-5	2/22/2013	1,183	7.03	18.9	<0.50	<0.50	<0.50	<0.50	<0.50
U-1	2/22/2013	818	7.08	18.6	33	19	1.9	6	34
U-2	2/22/2013	1,216	7.09	18.8	<0.50	1.2	2.8	1	0.85
U-3	2/22/2013	1,216	7.16	19.1	<0.50	<0.50	<0.50	<0.50	<0.50

Notes

Analytical results given in micrograms per liter (µg/l) unless otherwise noted
 -- = not sampled or not applicable
Bold = detected above the laboratory reporting limit

Standard Abbreviations

< not detected at or above laboratory detection limit
 µS/cm microSiemens per centimeter
 µg/l micrograms per liter (approx. equivalent to parts per billion, ppb)
 mV millivolts
 EC electrical conductivity

ARCADIS

Attachment A

Field Data Sheets and General Procedures



GETTLER-RYAN INC.



TRANSMITTAL

March 7, 2013
G-R #385609

TO: Ms. Katherine Brandt
Arcadis
2000 Powell Street, 7th Floor
Emeryville, CA 94608

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: **Chevron Facility**
#351788/7176
7580 Amador Valley Boulevard
Dublin, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Semi-Annual Event of February 22, 2013

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/351788/7176

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Evergreen Oil located in Newark, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351788 / 7176
 Site Address: 7850 Amador Valley Blvd.
 City: Dublin, CA

Job Number: 385609
 Event Date: 2/22/13 (inclusive)
 Sampler: GM

Well ID: 4-1
 Well Diameter: 2 in.
 Total Depth: 28.52 ft.
 Depth to Water: 14.79 ft.
13.73 xVF 0.17 = 2.33

Date Monitored: 2/22/13

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 7 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.53

Purge Equipment:

Disposable Bailer 1
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal

Start Time (purge): 0700
 Sample Time/Date: 0735 / 2/22/13
 Approx. Flow Rate: — gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: TAN Odor: (Y) N MODERATE
 Sediment Description: SILT
 DTW @ Sampling: 16.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0705</u>	<u>2.5</u>	<u>7.29</u>	<u>838</u>	<u>17.9</u>	_____	_____
<u>0709</u>	<u>5</u>	<u>7.26</u>	<u>830</u>	<u>18.3</u>	_____	_____
<u>0714</u>	<u>7</u>	<u>7.08</u>	<u>818</u>	<u>18.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>4-1</u>	<u>6 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>BC LABS</u>	<u>TPH-GRO(8015)/TPH-GRO GC/MS/ FULL SCAN(8260B)/ETHANOL(8260B)</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>BC LABS</u>	<u>TPH-DRO (8015M)</u>

COMMENTS: _____

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351788 / 7176
 Site Address: 7850 Amador Valley Blvd.
 City: Dublin, CA

Job Number: 385609
 Event Date: 2/22/13 (inclusive)
 Sampler: Gum

Well ID: U-2
 Well Diameter: 2 in.
 Total Depth: 26.22 ft.
 Depth to Water: 15.52 ft.
10.70 xVF 0.17 = 1.82

Date Monitored: 2/22/13

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.66

x3 case volume = Estimated Purge Volume: 5.5 gal.

Purge Equipment:

Disposable Bailer /
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer /
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal

Start Time (purge): 0750
 Sample Time/Date: 0815 / 2/22/13
 Approx. Flow Rate: - gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____

Weather Conditions: Sunny
 Water Color: TAN Odor: (Y) N SLIGHT
 Sediment Description: SILT
 DTW @ Sampling: 16.85

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
<u>0754</u>	<u>2</u>	<u>7.24</u>	<u>1238</u>	<u>17.9</u>		
<u>0857</u>	<u>3.5</u>	<u>7.16</u>	<u>1229</u>	<u>18.4</u>		
<u>0900</u>	<u>5.5</u>	<u>7.09</u>	<u>1216</u>	<u>18.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-2</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>BC LABS</u>	<u>TPH-GRO(8015)/TPH-GRO GC/MS/ FULL SCAN(8260B)/ETHANOL(8260B)</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>BC LABS</u>	<u>TPH-DRO (8015M)</u>

COMMENTS: _____

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: 1 Add/Replaced Plug: 1



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351788 / 7176
 Site Address: 7850 Amador Valley Blvd.
 City: Dublin, CA

Job Number: 385609
 Event Date: 2/22/13 (inclusive)
 Sampler: GM

Well ID: U-3
 Well Diameter: 2 in.
 Total Depth: 25.40 ft.
 Depth to Water: 12.06 ft.

Date Monitored: 2/22/13

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.
 $11.34 \times VF 0.17 = 1.93$ x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.32

Purge Equipment:

Disposable Bailer 1
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer 0
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal

Start Time (purge): 0930
 Sample Time/Date: 0905 / 2/22/13
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Sunny
 Water Color: TAN Odor: DN SLIGHT
 Sediment Description: SILT
 Volume: _____ gal. DTW @ Sampling: 18.40

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
<u>0934</u>	<u>2</u>	<u>7.29</u>	<u>1238</u>	<u>18.3</u>	_____	_____
<u>0938</u>	<u>4</u>	<u>7.22</u>	<u>1222</u>	<u>18.9</u>	_____	_____
<u>0941</u>	<u>6</u>	<u>7.16</u>	<u>1216</u>	<u>19.1</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-3</u>	<u>6</u> x vov vial	YES	HCL	BC LABS	TPH-GRO(8015)/TPH-GRO GC/MS/ FULL SCAN(8260B)/ETHANOL(8260B)
	<u>2</u> x 1 liter ambers	YES	NP	BC LABS	TPH-DRO (8015M)

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351788 / 7176
 Site Address: 7850 Amador Valley Blvd.
 City: Dublin, CA

Job Number: 385609
 Event Date: 2/22/13 (inclusive)
 Sampler: GM

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 24.69 ft.
 Depth to Water: 14.66 ft.

Date Monitored: 2/22

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

10.03 xVF 0.17 = 1.71 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.66

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal

Start Time (purge): 0615
 Sample Time/Date: 0640/2/22/13
 Approx. Flow Rate: — gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: COLD
 Water Color: TAN Odor: YN SLIGHT
 Sediment Description: SILT
 DTW @ Sampling: 15.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C F)	D.O. (mg/L)	ORP (mV)
<u>0618</u>	<u>2</u>	<u>7.14</u>	<u>1206</u>	<u>18.0</u>	_____	_____
<u>0621</u>	<u>4</u>	<u>7.08</u>	<u>1195</u>	<u>18.3</u>	_____	_____
<u>0623</u>	<u>5.5</u>	<u>7.03</u>	<u>1183</u>	<u>18.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x voa vial	YES	HCL	BC LABS	TPH-GRO(8015)/TPH-GRO GC/MS/ FULL SCAN(8260B)/ETHANOL(8260B)
	<u>2</u> x 1 liter ambers	YES	NP	BC LABS	TPH-DRO (8015M)

COMMENTS: _____

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC 1 of 1

Union Oil Site ID: 7176				Union Oil Consultant: ARCADIS				ANALYSES REQUIRED																
Site Global ID: T0600101893				Consultant Contact: KATHERINE BRANDT				TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	TPH - GRO (S015)	Full Scan (S260B)	Turnaround Time (TAT):									
Site Address: 7850 AMADOR VALLEY BLVD DUBLIN, CA				Consultant Phone No.: (510) 596 9675											Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/>									
Union Oil PM: ROYA KAMBIN				Sampling Company: BC GETTLER RYAN INC											48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/>									
Union Oil PM Phone No.: (925) 790-6270				Sampled By (PRINT): GILBERT MEDINA											Special Instructions									
Charge Code: NWRTB-0 <u>351788</u> -0- LAB				Sampler Signature: 																				
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.				BC Laboratories, Inc. Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911											Notes / Comments									
				SAMPLE ID																				
Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers																			
DA	W-S-A		130222		2		X								X			X						
U-1	W-S-A		↓	0735	3		X								X	X		X	X					
U-2	W-S-A		↓	0815	↓		↓	↓	↓		↓	↓												
U-3	W-S-A		↓	0905	↓		↓	↓	↓		↓	↓												
MN-5	W-S-A		↓	0640	↓		↓	↓	↓		↓	↓												
	W-S-A																							
	W-S-A																							
	W-S-A																							
	W-S-A																							
	W-S-A																							
	W-S-A																							
Relinquished By: Company: GETTLER RYAN INC Date / Time: 130222 / 1000				Relinquished By: Company: BC GETTLER RYAN INC Date / Time: 130222 / 1000				Relinquished By: _____ Company: _____ Date / Time: _____																
Received By: Company: _____ Date / Time: _____				Received By: Jerry Boyan DeLah Date / Time: 130222 / 1000				Received By: _____ Company: _____ Date / Time: _____																

ARCADIS

Attachment B

Historical Groundwater Results from TRC

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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															
1/17/2011	359.16	15.37	0	343.79	0.70	ND<50	55	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5															
1/17/2011	357.80	14.35	0	343.45	0.66	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-1															
1/17/2011	358.36	14.50	0	343.86	0.65	670	1200	2100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2															
1/17/2011	359.32	15.27	0	344.05	0.57	360	560	1100	ND<0.50	ND<0.50	0.59	ND<1.0	--	0.63	
U-3															
1/17/2011	360.87	16.70	0	344.17	0.68	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 1a
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)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Bromo- methane (µg/l)	Comments
MW-4													
1/17/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
MW-5													
1/17/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-1													
1/17/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-2													
1/17/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-3													
1/17/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	

Table 1b
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 7176

Date Sampled	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Dibromo-chloro-methane (µg/l)	Comments
MW-4													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
MW-5													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
U-1													
1/17/2011	39	ND<0.50	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
U-2													
1/17/2011	4.4	ND<0.50	4.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	
U-3													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	

Table 1c
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	2,2-Dichloro-propane (µg/l)	Comments
MW-4													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-2													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-3													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 1d
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1-Dichloro-propene (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Hexa-chloro-butadiene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propyl-benzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloro-ethane (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Comments
MW-4													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	ND<0.50	ND<1.0	ND<0.50	67	ND<0.50	ND<0.50	ND<0.50	
U-2													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	ND<0.50	ND<1.0	ND<0.50	25	ND<0.50	ND<0.50	ND<0.50	
U-3													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 1e
ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Vinyl chloride (µg/l)	Comments
MW-4													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	
MW-5													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	
U-1													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	
U-2													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	
U-3													
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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															
4/23/1998	356.41	12.11	0	344.30	--	--	2500	--	5.9	6.4	16	31	ND	--	
7/8/1998	356.41	13.70	0	342.71	-1.59	1400	1000	--	ND	ND	ND	ND	ND	--	
10/5/1998	356.41	15.18	0	341.23	-1.48	--	890	--	ND	ND	ND	14	ND	--	
1/4/1999	356.41	16.39	0	340.02	-1.21	71	--	--	--	--	--	--	--	--	
1/4/1999	356.41	16.39	0	340.02	-1.21	71	230	--	0.56	1.3	1.4	1.8	10	--	
4/5/1999	356.41	14.61	0	341.80	1.78	210	--	--	--	--	--	--	--	--	
4/5/1999	356.41	14.61	0	341.80	1.78	340	620	--	ND	1.8	2.1	ND	6	9.3	
7/1/1999	356.41	15.43	0	340.98	-0.82	310	--	--	--	--	--	--	--	--	
7/1/1999	356.41	15.43	0	340.98	-0.82	260	700	--	2.1	ND	1.9	2.4	ND	21	
9/30/1999	356.41	16.27	0	340.14	-0.84	420	582	--	2.6	1.30	1.98	ND	23.1	22.5	
9/30/1999	356.41	16.27	0	340.14	-0.84	220	--	--	--	--	--	--	--	--	
1/3/2000	356.41	17.50	0	338.91	-1.23	260	--	--	--	--	--	--	--	--	
1/3/2000	356.41	17.50	0	338.91	-1.23	250	800	--	4.2	4.6	3.3	11	31	17	
4/4/2000	356.41	13.91	0	342.50	3.59	460	710	--	2	1.3	4.4	2.0	21	22	
4/4/2000	356.41	13.91	0	342.50	3.59	340	--	--	--	--	--	--	--	--	
7/14/2000	356.41	15.58	0	340.83	-1.67	220	490	--	0.89	1.3	0.85	1.8	21	12	
7/14/2000	356.41	15.58	0	340.83	-1.67	76	--	--	--	--	--	--	--	--	
10/27/2000	356.41	16.96	0	339.45	-1.38	160	598	--	ND	1.56	4.65	ND	15.4	14	
10/27/2000	356.41	16.96	0	339.45	-1.38	120	--	--	--	--	--	--	--	--	
1/8/2001	356.41	16.64	0	339.77	0.32	--	522	--	4.09	1.69	2.53	1.26	17.2	14.3	
4/3/2001	356.41	15.46	0	340.95	1.18	180	575	--	ND	ND	ND	ND	14.0	11.6	
4/3/2001	356.41	15.46	0	340.95	1.18	ND	--	--	--	--	--	--	--	--	
7/6/2001	356.41	16.63	0	339.78	-1.17	200	--	--	--	--	--	--	--	--	
7/6/2001	356.41	16.63	0	339.78	-1.17	230	720	--	4.7	1.5	2.5	0.74	10	7.1	
10/5/2001	356.41	17.38	0	339.03	-0.75	180	650	--	4.3	1.2	1.1	1.8	5.9	5.4	
10/5/2001	356.41	17.38	0	339.03	-0.75	140	--	--	--	--	--	--	--	--	
1/3/2002	356.41	15.10	0	341.31	2.28	390	340	--	2.9	1.4	1.7	ND<1.0	ND<10/	3.1	
1/3/2002	356.41	15.10	0	341.31	2.28	360	--	--	--	--	--	--	--	--	
4/1/2002	356.41	14.85	0	341.56	0.25	160	340	--	ND<0.50	2.7	ND<0.50	0.66	ND<5.0	2.2	
4/1/2002	356.41	14.85	0	341.56	0.25	100	--	--	--	--	--	--	--	--	
7/1/2002	356.41	15.53	0	340.88	-0.68	130	--	280	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
7/1/2002	356.41	15.53	0	340.88	-0.68	97	--	--	--	--	--	--	--	--	
1/24/2003	356.41	14.52	0	341.89	1.01	52	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
1/24/2003	356.41	14.52	0	341.89	1.01	ND<50	--	--	--	--	--	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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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
7/28/2003	356.41	15.47	0	340.94	-0.95	110	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
7/28/2003	356.41	15.47	0	340.94	-0.95	130	--	--	--	--	--	--	--	--	
2/4/2004	356.41	15.55	0	340.86	-0.08	94	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/2/2004	356.41	16.52	0	339.89	-0.97	ND<200	--	170	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.83	
1/11/2005	356.41	14.83	0	341.58	1.69	85	--	--	--	--	--	--	--	--	
1/11/2005	356.41	14.83	0	341.58	1.69	110	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
7/8/2005	356.41	14.33	0	342.08	0.50	67	--	--	--	--	--	--	--	--	
7/8/2005	356.41	14.33	0	342.08	0.50	67	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
1/6/2006	356.41	15.59	0	340.82	-1.26	ND<200	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
9/11/2006	356.41	16.16	0	340.25	-0.57	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
2/16/2007	356.41	16.39	0	340.02	-0.23	66	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
7/3/2007	356.41	16.60	0	339.81	-0.21	ND<56	--	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.71	
2/1/2008	356.41	15.26	0	341.15	1.34	66	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/2/2008	356.41	17.97	0	338.44	-2.71	51	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
3/6/2009	356.41	15.89	0	340.52	2.08	ND<50	--	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	356.41	17.80	0	338.61	-1.91	ND<50	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	356.41	18.12	0	338.29	-0.32	66	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	359.16	16.07	0	343.09	4.80	87	55	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/17/2011	359.16	15.37	0	343.79	0.70	ND<50	55	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5															
4/23/1998	355.03	11.15	0	343.88	--	--	120	--	0.53	0.90	1.0	3.8	13	--	
7/8/1998	355.03	12.63	0	342.40	-1.48	170	ND	--	ND	ND	ND	ND	12	--	
10/5/1998	355.03	14.00	0	341.03	-1.37	--	ND	--	ND	ND	ND	ND	12	--	
1/4/1999	355.03	15.21	0	339.82	-1.21	ND	ND	--	ND	ND	ND	ND	ND	--	
4/5/1999	355.03	13.76	0	341.27	1.45	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/1/1999	355.03	14.48	0	340.55	-0.72	ND	ND	--	ND	ND	ND	ND	ND	2.3	
9/30/1999	355.03	15.15	0	339.88	-0.67	60.4	50.8	--	ND	ND	ND	ND	ND	ND	
9/30/1999	355.03	15.15	0	339.88	-0.67	ND	--	--	--	--	--	--	--	--	
1/3/2000	355.03	16.34	0	338.69	-1.19	ND	ND	--	ND	ND	ND	ND	ND	ND	
4/4/2000	355.03	12.90	0	342.13	3.44	ND	--	--	--	--	--	--	--	--	
4/4/2000	355.03	12.90	0	342.13	3.44	69	ND	--	ND	ND	ND	ND	ND	ND	
7/14/2000	355.03	14.48	0	340.55	-1.58	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/2000	355.03	15.75	0	339.28	-1.27	ND	ND	--	ND	ND	ND	ND	ND	ND	
1/8/2001	355.03	15.25	0	339.78	0.50	--	ND	--	ND	ND	ND	ND	ND	ND	
4/3/2001	355.03	14.41	0	340.62	0.84	ND	ND	--	ND	ND	ND	ND	ND	ND	

**Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**January 17, 2011
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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
7/6/2001	355.03	15.52	0	339.51	-1.11	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/5/2001	355.03	16.28	0	338.75	-0.76	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
1/3/2002	355.03	14.01	0	341.02	2.27	ND<51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.6	
4/1/2002	355.03	13.64	0	341.39	0.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.5	
7/1/2002	355.03	14.51	0	340.52	-0.87	ND<60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
1/24/2003	355.03	13.53	0	341.50	0.98	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
7/28/2003	355.03	14.40	0	340.63	-0.87	ND<50	--	ND<50	ND<0.50	ND<0.50	ND0.50	ND<1.0	--	3.4	
2/4/2004	355.03	14.41	0	340.62	-0.01	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
7/2/2004	355.03	15.41	0	339.62	-1.00	ND<200	--	80	ND<0.5	ND<0.5	ND<0.5	ND<1	--	2.0	
1/11/2005	355.03	13.74	0	341.29	1.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
7/8/2005	355.03	13.24	0	341.79	0.50	ND<50	--	--	--	--	--	--	--	--	
7/8/2005	355.03	13.24	0	341.79	0.50	220	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/6/2006	355.03	14.33	0	340.70	-1.09	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/11/2006	355.03	14.91	0	340.12	-0.58	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/16/2007	355.03	15.13	0	339.90	-0.22	ND<56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
7/3/2007	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
2/1/2008	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/2/2008	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
3/6/2009	355.03	14.56	0	340.47	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	355.03	16.69	0	338.34	-2.13	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	355.03	16.94	0	338.09	-0.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	357.80	15.01	0	342.79	4.70	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/17/2011	357.80	14.35	0	343.45	0.66	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-1															
7/8/1995	355.62	12.59	0	343.03	--	9400	39000	--	1500	19	1600	5200	--	--	
10/12/1995	355.62	15.38	0	340.24	-2.79	4200	33000	--	1400	ND	1400	3100	--	--	
1/11/1996	355.62	16.33	0	339.29	-0.95	8200	8300	--	690	11	680	1500	--	--	
4/11/1996	355.62	12.20	0	343.42	4.13	5630	3200	--	110	ND	180	290	790	--	
7/10/1996	355.62	13.84	0	341.78	-1.64	2200	2600	--	81	4.4	210	230	510	--	
10/30/1996	355.62	15.85	0	339.77	-2.01	560	2200	--	67	19	140	150	360	--	
1/27/1997	355.62	12.20	0	343.42	3.65	2300	4600	--	98	ND	360	290	150	--	
4/8/1997	355.62	13.46	0	342.16	-1.26	1300	2800	--	50	ND	220	140	ND	--	
7/17/1997	355.62	15.30	0	340.32	-1.84	460	2300	--	30	4.5	140	94	190	--	
10/17/1997	355.62	16.33	0	339.29	-1.03	510	1500	--	31	6.7	110	88	220	--	
1/19/1998	355.62	14.34	0	341.28	1.99	1300	--	--	--	--	--	--	--	--	

**Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**January 17, 2011
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
1/19/1998	355.62	14.34	0	341.28	1.99	1900	3100	--	46	3.4	310	200	170	--	
4/23/1998	355.59	11.16	0	344.43	3.15	--	3400	--	72	3.8	470	350	280	--	
7/8/1998	355.59	12.67	0	342.92	-1.51	2000	4500	--	51	ND	590	430	190	--	
10/5/1998	355.59	14.57	0	341.02	-1.90	--	7500	--	53	ND	680	350	190	180	
1/4/1999	355.59	15.35	0	340.24	-0.78	2500	--	--	--	--	--	--	--	--	
1/4/1999	355.59	15.35	0	340.24	-0.78	2700	10000	--	ND	ND	1200	540	--	ND	
4/5/1999	355.59	13.64	0	341.95	1.71	920	4900	--	34	ND	350	150	150	55	
4/5/1999	355.59	13.64	0	341.95	1.71	570	--	--	--	--	--	--	--	--	
7/1/1999	355.59	14.39	0	341.20	-0.75	2700	10000	--	45	ND	850	420	260	110	
7/1/1999	355.59	14.39	0	341.20	-0.75	3600	--	--	--	--	--	--	--	--	
9/30/1999	355.59	15.32	0	340.27	-0.93	2360	7150	--	ND	ND	415	84.4	ND	195	
9/30/1999	355.59	15.32	0	340.27	-0.93	1680	--	--	--	--	--	--	--	--	
1/3/2000	355.59	16.51	0	339.08	-1.19	2000	5400	--	28	8.4	180	33	160	120	
1/3/2000	355.59	16.51	0	339.08	-1.19	1700	--	--	--	--	--	--	--	--	
4/4/2000	355.59	12.89	0	342.70	3.62	990	4800	--	30	ND	210	93	170	160	
4/4/2000	355.59	12.89	0	342.70	3.62	1400	--	--	--	--	--	--	--	--	
7/14/2000	355.59	14.56	0	341.03	-1.67	2800	6200	--	41	16	170	32	170	120	
7/14/2000	355.59	14.56	0	341.03	-1.67	1200	--	--	--	--	--	--	--	--	
10/27/2000	355.59	15.96	0	339.63	-1.40	1400	3830	--	16.8	ND	68.6	7.99	55.2	38	
10/27/2000	355.59	15.96	0	339.63	-1.40	1300	--	--	--	--	--	--	--	--	
1/8/2001	355.59	15.72	0	339.87	0.24	--	2410	--	14.7	4.30	30.5	5.04	34.5	9.33	
4/3/2001	355.59	14.46	0	341.13	1.26	1500	3330	--	15.8	5.96	74.8	7.06	ND	13.3	
4/3/2001	355.59	14.46	0	341.13	1.26	830	--	--	--	--	--	--	--	--	
7/6/2001	355.59	15.65	0	339.94	-1.19	1200	--	--	--	--	--	--	--	--	
7/6/2001	355.59	15.65	0	339.94	-1.19	1600	4300	--	23	6.4	57	6.8	58	36	
10/5/2001	355.59	16.45	0	339.14	-0.80	2300	--	--	--	--	--	--	--	--	
10/5/2001	355.59	16.45	0	339.14	-0.80	2500	3800	--	19	ND<5.0	19	ND<5.0	64	36	
1/3/2002	355.59	14.18	0	341.41	2.27	2200	--	--	--	--	--	--	--	--	
1/3/2002	355.59	14.18	0	341.41	2.27	2200	4500	--	25	ND<10	24	ND<10	ND<100	23	
4/1/2002	355.59	13.72	0	341.87	0.46	1200	--	--	--	--	--	--	--	--	
4/1/2002	355.59	13.72	0	341.87	0.46	1800	5300	--	36	6.7	48	12	93	59	
7/1/2002	355.59	14.61	0	340.98	-0.89	2100	--	3900	ND<0.50	ND<0.50	ND<0.50	3.9	--	23	
7/1/2002	355.59	14.61	0	340.98	-0.89	2100	--	--	--	--	--	--	--	--	
1/24/2003	355.59	13.82	0	341.77	0.79	1700	--	--	--	--	--	--	--	--	
1/24/2003	355.59	13.82	0	341.77	0.79	2100	--	3400	ND<2.5	ND<2.5	37	ND<5.0	--	21	

**Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**January 17, 2011
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
7/28/2003	355.59	14.51	0	341.08	-0.69	2100	--	7100	ND<2.5	ND<2.5	12	ND<5	13	13	
7/28/2003	355.59	14.51	0	341.08	-0.69	1200	--	--	--	--	--	--	--	--	
2/4/2004	355.59	14.66	0	340.93	-0.15	1300	--	4000	ND<0.50	ND<0.50	13	ND<1.0	--	9.6	
7/2/2004	355.59	16.57	0	339.02	-1.91	400	--	2600	0.56	ND<0.5	5.3	ND<1	--	5.4	
1/11/2005	355.59	13.91	0	341.68	2.66	1500	--	--	--	--	--	--	--	--	
1/11/2005	355.59	13.91	0	341.68	2.66	2000	--	5000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
7/8/2005	355.59	13.26	0	342.33	0.65	1300	--	3100	ND<0.50	ND<0.50	4.3	ND<1.0	--	2.2	
1/6/2006	355.59	14.64	0	340.95	-1.38	1200	--	2200	ND<0.50	ND<0.50	3.1	ND<1.0	--	2.8	
9/11/2006	355.59	15.11	0	340.48	-0.47	1200	--	2700	ND<0.50	ND<0.50	2.0	0.79	--	1.6	
2/16/2007	355.59	15.38	0	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
7/3/2007	355.59	15.60	0	339.99	-0.22	890	--	--	--	--	--	--	--	--	
7/3/2007	355.59	15.60	0	339.99	-0.22	950	--	2300	ND<0.50	ND<0.50	1.6	0.74	--	0.89	
2/1/2008	355.59	14.28	0	341.31	1.32	1100	--	3100	0.88	ND<0.50	1.6	ND<1.0	--	ND<0.50	
9/2/2008	355.59	16.97	0	338.62	-2.69	960	--	3300	ND<1.0	ND<1.0	1.4	ND<2.0	--	ND<1.0	
3/6/2009	355.59	14.95	0	340.64	2.02	670	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7	
8/21/2009	355.59	16.90	0	338.69	-1.95	620	--	1600	ND<0.50	ND<0.50	0.66	ND<1.0	--	ND<0.50	
1/14/2010	355.59	17.19	0	338.40	-0.29	800	--	1700	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	
8/13/2010	358.36	15.15	0	343.21	4.81	540	1000	2000	ND<0.50	ND<0.50	0.68	ND<1.0	--	ND<0.50	
1/17/2011	358.36	14.50	0	343.86	0.65	670	1200	2100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2															
7/8/1995	356.59	12.68	0	343.91	--	4700	17000	--	430	ND	2200	590	--	--	
10/12/1995	356.59	16.01	0	340.58	-3.33	3600	24000	--	310	60	1900	190	--	--	
1/11/1996	356.59	17.06	0	339.53	-1.05	8600	10000	--	210	55	1400	240	--	--	
4/11/1996	356.59	12.75	0	343.84	4.31	1900	7700	--	130	27	1100	110	340	--	
7/10/1996	356.59	14.42	0	342.17	-1.67	2300	5600	--	59	15	610	42	250	--	
10/30/1996	356.59	16.82	0	339.77	-2.40	1800	7700	--	67	35	1000	54	260	--	
1/27/1997	356.59	12.91	0	343.68	3.91	660	1600	--	14	ND	130	7.0	100	--	
4/8/1997	356.59	14.07	0	342.52	-1.16	2000	4300	--	35	ND	400	16	ND	--	
7/17/1997	356.59	15.96	0	340.63	-1.89	1300	6200	--	17	22	410	ND	130	--	
10/17/1997	356.59	17.03	0	339.56	-1.07	1400	7100	--	71	26	520	50	ND	--	
1/19/1998	356.59	15.10	0	341.49	1.93	1500	--	--	--	--	--	--	--	--	
1/19/1998	356.59	15.10	0	341.49	1.93	2100	5300	--	46	11	350	16	110	--	
4/23/1998	356.55	11.74	0	344.81	3.32	--	3200	--	23	11	210	38	160	--	
7/8/1998	356.55	13.27	0	343.28	-1.53	1100	1600	--	34	8.5	100	7.4	190	--	
10/5/1998	356.55	14.90	0	341.65	-1.63	--	2900	--	37	8.4	110	7.3	78	--	

**Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**January 17, 2011
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
1/4/1999	356.55	15.94	0	340.61	-1.04	250	--	--	--	--	--	--	--	--	
1/4/1999	356.55	15.94	0	340.61	-1.04	670	2200	--	35	ND	17	ND	86	--	
4/5/1999	356.55	14.19	0	342.36	1.75	660	4900	--	21	77	130	310	100	6.9	
4/5/1999	356.55	14.19	0	342.36	1.75	490	--	--	--	--	--	--	--	--	
7/1/1999	356.55	14.98	0	341.57	-0.79	440	--	--	--	--	--	--	--	--	
7/1/1999	356.55	14.98	0	341.57	-0.79	210	1500	--	7.6	ND	ND	ND	ND	35	
9/30/1999	356.55	16.00	0	340.55	-1.02	483	256	--	1.85	ND	2.42	ND	26.3	29.8	
9/30/1999	356.55	16.00	0	340.55	-1.02	340	--	--	--	--	--	--	--	--	
1/3/2000	356.55	17.20	0	339.35	-1.20	2400	3400	--	23	13	ND	44	46	14	
1/3/2000	356.55	17.20	0	339.35	-1.20	1900	--	--	--	--	--	--	--	--	
4/4/2000	356.55	13.50	0	343.05	3.70	1000	3600	--	34	17	56	ND	59	25	
4/4/2000	356.55	13.50	0	343.05	3.70	1000	--	--	--	--	--	--	--	--	
7/14/2000	356.55	15.23	0	341.32	-1.73	1000	3100	--	16	13	15	10	100	19	
7/14/2000	356.55	15.23	0	341.32	-1.73	350	--	--	--	--	--	--	--	--	
10/27/2000	356.55	16.74	0	339.81	-1.51	2000	4180	--	30.4	10.2	14.6	ND	55.5	15	
10/27/2000	356.55	16.74	0	339.81	-1.51	1900	--	--	--	--	--	--	--	--	
1/8/2001	356.55	16.68	0	339.87	0.06	--	3300	--	33.5	7.32	3.49	ND	66.7	7.49	
4/3/2001	356.55	15.12	0	341.43	1.56	1500	4290	--	32.4	9.91	20.1	ND	66.6	18.1	
4/3/2001	356.55	15.12	0	341.43	1.56	830	--	--	--	--	--	--	--	--	
7/6/2001	356.55	16.32	0	340.23	-1.20	1100	--	--	--	--	--	--	--	--	
7/6/2001	356.55	16.32	0	340.23	-1.20	1400	4700	--	35	11	12	5.3	62	19	
10/5/2001	356.55	17.15	0	339.40	-0.83	3200	3600	--	31	9.6	8.7	6.9	62	13	
10/5/2001	356.55	17.15	0	339.40	-0.83	1900	--	--	--	--	--	--	--	--	
1/3/2002	356.55	14.90	0	341.65	2.25	2100	--	--	--	--	--	--	--	--	
1/3/2002	356.55	14.90	0	341.65	2.25	2300	4600	--	34	11	15	5.8	62	7.5	
4/1/2002	356.55	14.38	0	342.17	0.52	470	--	--	--	--	--	--	--	--	
4/1/2002	356.55	14.38	0	342.17	0.52	1400	3500	--	38	9.3	10	6.5	87	18	
7/1/2002	356.55	15.24	0	341.31	-0.86	ND<50	--	4500	ND<0.50	ND<0.50	5.0	1.7	--	ND<0.50	
1/24/2003	356.55	14.31	0	342.24	0.93	860	--	2300	1.1	1.5	6.9	2.4	--	5.9	
1/24/2003	356.55	14.31	0	342.24	0.93	570	--	--	--	--	--	--	--	--	
7/28/2003	356.55	15.18	0	341.37	-0.87	710	--	--	--	--	--	--	--	--	
7/28/2003	356.55	15.18	0	341.37	-0.87	1300	--	5600	ND<2.5	ND<2.5	3.4	ND<5	ND<10	ND<10	
2/4/2004	356.55	15.36	0	341.19	-0.18	1300	--	4400	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	
7/2/2004	356.55	16.28	0	340.27	-0.92	380	--	5700	1.4	2.8	6.6	5.5	--	6.6	
1/11/2005	356.55	14.59	0	341.96	1.69	1100	--	--	--	--	--	--	--	--	

**Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**January 17, 2011
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
1/11/2005	356.55	14.59	0	341.96	1.69	1800	--	5800	0.99	2.5	5.4	5.1	--	ND<5.0	
7/8/2005	356.55	13.97	0	342.58	0.62	1100	--	3000	0.56	1.9	3.0	3.2	--	5.0	
7/8/2005	356.55	13.97	0	342.58	0.62	960	--	--	--	--	--	--	--	--	
1/6/2006	356.55	15.30	0	341.25	-1.33	1100	--	1600	ND<0.50	ND<0.50	0.97	ND<1.0	--	2.1	
9/11/2006	356.55	15.62	0	340.93	-0.32	790	--	2300	ND<0.50	ND<0.50	1.0	1.0	--	2.7	
2/16/2007	356.55	16.01	0	340.54	-0.39	200	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
7/3/2007	356.55	16.27	0	340.28	-0.26	530	--	--	--	--	--	--	--	--	
7/3/2007	356.55	16.27	0	340.28	-0.26	540	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
2/1/2008	356.55	15.02	0	341.53	1.25	340	--	830	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
9/2/2008	356.55	17.71	0	338.84	-2.69	300	--	1500	ND<0.50	ND<0.50	0.73	ND<1.0	--	0.80	
3/6/2009	356.55	15.60	0	340.95	2.11	77	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
8/21/2009	356.55	17.60	0	338.95	-2.00	350	--	1600	ND<0.50	0.67	0.72	1.1	--	0.66	
1/14/2010	356.55	18.94	0	337.61	-1.34	440	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	359.32	15.84	0	343.48	5.87	310	930	1500	ND<0.50	0.53	0.77	1.2	--	0.69	
1/17/2011	359.32	15.27	0	344.05	0.57	360	560	1100	ND<0.50	ND<0.50	0.59	ND<1.0	--	0.63	
U-3															
7/8/1995	358.13	14.58	0	343.55	--	710	1100	--	0.57	2.1	1.7	2.4	--	--	
10/12/1995	358.13	17.60	0	340.53	-3.02	470	560	--	ND	0.87	0.7	1.1	--	--	
1/11/1996	358.13	18.65	0	339.48	-1.05	260	230	--	0.62	0.91	0.97	1.9	--	--	
4/11/1996	358.13	13.20	0	344.93	5.45	ND	68	--	ND	ND	ND	ND	ND	--	
7/10/1996	358.13	15.98	0	342.15	-2.78	ND	ND	--	ND	ND	ND	ND	ND	--	
10/30/1996	358.13	18.24	0	339.89	-2.26	ND	70	--	ND	ND	ND	ND	ND	--	
1/27/1997	358.13	14.41	0	343.72	3.83	ND	ND	--	ND	ND	ND	ND	ND	--	
4/8/1997	358.13	15.73	0	342.40	-1.32	ND	ND	--	ND	ND	ND	ND	ND	--	
7/17/1997	358.13	17.54	0	340.59	-1.81	ND	ND	--	ND	ND	ND	ND	ND	--	
10/17/1997	358.13	18.64	0	339.49	-1.10	63	ND	--	ND	ND	ND	ND	ND	--	
1/19/1998	358.13	16.67	0	341.46	1.97	68	ND	--	ND	ND	ND	ND	ND	--	
1/19/1998	358.13	16.67	0	341.46	1.97	ND	--	--	--	--	--	--	--	--	
4/23/1998	358.09	13.28	0	344.81	3.35	--	ND	--	ND	ND	ND	ND	ND	--	
7/8/1998	358.09	14.90	0	343.19	-1.62	80	ND	--	ND	ND	ND	ND	ND	--	
10/5/1998	358.09	16.50	0	341.59	-1.60	--	ND	--	ND	ND	ND	ND	ND	--	
1/4/1999	358.09	17.70	0	340.39	-1.20	ND	ND	--	ND	ND	ND	ND	ND	--	
4/5/1999	358.09	15.67	0	342.42	2.03	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/1/1999	358.09	16.79	0	341.30	-1.12	ND	ND	--	ND	ND	ND	ND	ND	ND	
9/30/1999	358.09	17.60	0	340.49	-0.81	ND	ND	--	ND	ND	ND	ND	ND	ND	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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
1/3/2000	358.09	18.86	0	339.23	-1.26	ND	ND	--	ND	ND	ND	ND	ND	ND	
4/4/2000	358.09	15.10	0	342.99	3.76	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/14/2000	358.09	16.85	0	341.24	-1.75	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/2000	358.09	18.35	0	339.74	-1.50	ND	ND	--	ND	ND	ND	ND	ND	ND	
1/8/2001	358.09	18.31	0	339.78	0.04	--	ND	--	ND	ND	ND	ND	ND	ND	
4/3/2001	358.09	16.70	0	341.39	1.61	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/6/2001	358.09	17.90	0	340.19	-1.20	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/5/2001	358.09	18.71	0	339.38	-0.81	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
1/3/2002	358.09	16.41	0	341.68	2.30	ND<52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
4/1/2002	358.09	15.87	0	342.22	0.54	ND<50	ND<50	--	ND<0.50	1.1	ND<0.50	1.2	ND<5.0	ND<2.0	
7/1/2002	358.09	16.77	0	341.32	-0.90	1500	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/24/2003	358.09	15.75	0	342.34	1.02	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<2.019	
7/28/2003	358.09	16.74	0	341.35	-0.99	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
2/4/2004	358.09	16.87	0	341.22	-0.13	90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/2/2004	358.09	17.87	0	340.22	-1.00	ND<200	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
1/11/2005	358.09	16.10	0	341.99	1.77	ND<50	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/8/2005	358.09	15.57	0	342.52	0.53	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/6/2006	358.09	16.94	0	341.15	-1.37	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/11/2006	358.09	17.49	0	340.60	-0.55	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/16/2007	358.09	17.71	0	340.38	-0.22	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
7/3/2007	358.09	17.91	0	340.18	-0.20	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/1/2008	358.09	16.52	0	341.57	1.39	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/2/2008	358.09	19.32	0	338.77	-2.80	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/6/2009	358.09	17.24	0	340.85	2.08	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	358.09	19.13	0	338.96	-1.89	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	358.09	19.54	0	338.55	-0.41	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	360.87	17.38	0	343.49	4.94	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/17/2011	360.87	16.70	0	344.17	0.68	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Comments
MW-4													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

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Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo- benzene (µg/l)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Comments
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
4/1/2002	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
7/28/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	5.2	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
3/6/2009	16	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-2													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
4/1/2002	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
1/24/2003	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--	--	
7/28/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
2/4/2004	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--	
7/8/2005	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-3													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

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Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	1.2	0.54	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	36	21	2.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	39	ND<0.50	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	8.1	11	5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	4.4	ND<0.50	4.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl-benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	

**Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	Dibromo- chloro- methane (µg/l)	Dibromo- methane (µg/l)	1,2- Dichloro- benzene (µg/l)	1,3- Dichloro- benzene (µg/l)	1,4- Dichloro- benzene (µg/l)	Dichloro- difluoro- methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2-DCE (µg/l)	1,2- Dichloro- propane (µg/l)	1,3- Dichloro- propane (µg/l)	Comments
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloro-propane (µg/l)	1,1-Dichloro-propene (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Hexa-chloro-butadiene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propyl-benzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloro-ethane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	--
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	--
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	--
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	--
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	--
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	--
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	--
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	--
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	--
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	--
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	--
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	--
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	--
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2- Dichloro- propane (µg/l)	1,1- Dichloro- propene (µg/l)	cis-1,3- Dichloro- propene (µg/l)	trans-1,3- Dichloro- propene (µg/l)	Hexa- chloro- butadiene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methylene chloride (µg/l)	Naph- thalene (µg/l)	n-Propyl- benzene (µg/l)	Styrene (µg/l)	1,1,1,2- Tetrachloro- ethane (µg/l)	Comments
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	0.80	ND<1.0	ND<0.50	76	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	ND<0.50	ND<1.0	ND<0.50	67	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	21	ND<0.50	ND<1.0	ND<0.50	43	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	ND<0.50	ND<1.0	ND<0.50	25	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2- Dichloro- propane (µg/l)	1,1- Dichloro- propene (µg/l)	cis-1,3- Dichloro- propene (µg/l)	trans-1,3- Dichloro- propene (µg/l)	Hexa- chloro- butadiene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methylene chloride (µg/l)	Naph- thalene (µg/l)	n-Propyl- benzene (µg/l)	Styrene (µg/l)	1,1,1,2- Tetrachloro- ethane (µg/l)	Comments
--	--	--	--	--	--	--	--	--	--	--	--	--	
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**Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	1,1,2,2- Tetrachlor o- ethane (µg/l)	Tetrachlor o- ethene (PCE) (µg/l)	Trichloro- trifluoro- ethane (µg/l)	1,2,4- Trichloro- benzene (µg/l)	1,2,3- Trichloro- benzene (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	1,2,3- Trichloro- propane (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	1,1,2,2- Tetrachlor o- ethane (µg/l)	Tetrachlor o- ethene (PCE) (µg/l)	Trichloro- trifluoro- ethane (µg/l)	1,2,4- Trichloro- benzene (µg/l)	1,2,3- Trichloro- benzene (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	1,2,3- Trichloro- propane (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Comments
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	1,1,2,2- Tetrachlor o- ethane (µg/l)	Tetrachlor o- ethene (PCE) (µg/l)	Trichloro- trifluoro- ethane (µg/l)	1,2,4- Trichloro- benzene (µg/l)	1,2,3- Trichloro- benzene (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	1,2,3- Trichloro- propane (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Comments
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	31	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	1,1,2,2- Tetrachlor o- ethane (µg/l)	Tetrachlor o- ethene (PCE) (µg/l)	Trichloro- trifluoro- ethane (µg/l)	1,2,4- Trichloro- benzene (µg/l)	1,2,3- Trichloro- benzene (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	1,2,3- Trichloro- propane (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Comments
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

**Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS**

76 Station 7176

Date Sampled	1,1,2,2- Tetrachlor o- ethane (µg/l)	Tetrachlor o- ethene (PCE) (µg/l)	Trichloro- trifluoro- ethane (µg/l)	1,2,4- Trichloro- benzene (µg/l)	1,2,3- Trichloro- benzene (µg/l)	1,1,1- Trichloro- ethane (µg/l)	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	1,2,3- Trichloro- propane (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
MW-4		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
MW-5		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-1		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-2		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-3		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	

ARCADIS

Attachment C

Laboratory Report and Chain-of-Custody Documentation



Date of Report: 03/11/2013

Kathy Brandt

Arcadis

1900 Powell Street 12th Floor
Emeryville, CA 94608

Project: 7176
BC Work Order: 1303758
Invoice ID: B141490

Enclosed are the results of analyses for samples received by the laboratory on 2/22/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014



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CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC () of ()

#1303758

Union Oil Site ID: 7176				Union Oil Consultant: ARCADIS				ANALYSES REQUIRED							
Site Global ID: T0600101893				Consultant Contact: KATHERINE BRANDT				Turnaround Time (TAT): Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Special Instructions							
Site Address: 7850 AMADOR VALLEY BLVD DUBLIN, CA				Consultant Phone No.: (510) 526 9675											
Union Oil PM: ROYA KAMBIN				Sampling Company: GETTLER-RYAN INC				TPH - Diesel by EPA 8015 TPH - G by GC/MS BTEX/MTBE by EPA 8260B Ethanol by EPA 8260B EPA 8260B Full List with OXYS TPH - G10 (8015) FULL-SCAN (8260B)							
Union Oil PM Phone No.: (925) 790-6220				Sampled By (PRINT): GILBERT MEDINA											
Charge Code: NWRTB-0351788-0-LAB				Sampler Signature:											
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.				BC Laboratories, Inc. Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911											
SAMPLE ID				Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	TPH - G10 (8015)	FULL-SCAN (8260B)	Notes / Comments		
Field Point Name	Matrix	DTW	Date (yymmdd)												
1 DA	W-S-A		130222		2		X	X			X				
2 U-1	W-S-A			0735	8		X	X	X		X	X			
3 U-2	W-S-A			0815											
4 U-3	W-S-A			0905											
5 MNS	W-S-A			0640											
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
	W-S-A														
Relinquished By: Company: GETTLER-RYAN INC Date / Time: 130222/1000				Relinquished By: Company: GR INC Date / Time: 02-22-13 1020				Relinquished By: Company: BCLAB Date / Time: 2-22-13 1545							
Received By: Company: GR INC Date / Time: 02-22-13 1000				Received By: Company: BCLAB Date / Time: 2-22-13 1020				Received By: Company: BCLAB Date / Time: 2-22-13 15:45							

CHK BY: DISTRIBUTION
 SUB-OUT

REL. 2-22-13 18:50 KRM 2-22-13 1850



Chain of Custody and Cooler Receipt Form for 1303758 Page 2 of 2

BC LABORATORIES INC.		COOLER RECEIPT FORM		Rev. No. 13	08/17/12	Page	Of				
Submission #: 1303758											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: .											
Custody Seals		Ice Chest <input type="checkbox"/>		Containers <input type="checkbox"/>		None <input checked="" type="checkbox"/> Comments:					
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97		Container: Amber		Thermometer ID: 207					
		Temperature: (A) 1.9 °C / (C) 2.0 °C				Date/Time 2-28-13					
						Analyst Init K10 1857					
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		A (2)									
40ml VOA VIAL		1	A 16	A 16	A 16	A 16					
QT EPA 413.1, 413.2, 418.1											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
100ml EPA 547											
100ml EPA 531.1											
QT EPA 548											
QT EPA 549											
QT EPA 632											
QT EPA 8015M											
QT AMBER			BC	BC	BC	BC					
8 OZ. JAR											
32 OZ. JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
FERROUS IRON											
ENCORE											
SMART KIT											

Comments: _____
 Sample Numbering Completed By: BLT Date/Time: 2/25/13 @ 0730
 A = Actual / C = Corrected

15:34\DOCS\sw\m\p\bc\in\AR_DOCS\FORMS\5\AMIE\01131



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1303758-01	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: QA-W-130222 Sampled By: GRD	Receive Date: 02/22/2013 18:50 Sampling Date: 02/22/2013 00:00 Sample Depth: --- Lab Matrix: Water Sample Type: Trip Blank Delivery Work Order: Global ID: T0600101883 Location ID (FieldPoint): QA Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	---

1303758-02	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-1-W-130222 Sampled By: GRD	Receive Date: 02/22/2013 18:50 Sampling Date: 02/22/2013 07:35 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101883 Location ID (FieldPoint): U-1 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1303758-03	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-2-W-130222 Sampled By: GRD	Receive Date: 02/22/2013 18:50 Sampling Date: 02/22/2013 08:15 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101883 Location ID (FieldPoint): U-2 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1303758-04	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-3-W-130222 Sampled By: GRD	Receive Date: 02/22/2013 18:50 Sampling Date: 02/22/2013 09:05 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101883 Location ID (FieldPoint): U-3 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1303758-05	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: MW-5-W-130222 Sampled By: GRD	Receive Date: 02/22/2013 18:50 Sampling Date: 02/22/2013 06:40 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101883 Location ID (FieldPoint): MW-5 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	--



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-01	Client Sample Name: 7176, QA-W-130222, 2/22/2013 12:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/27/13	02/27/13 10:21	JCC	MS-V4	1	BWB1626



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-01	Client Sample Name: 7176, QA-W-130222, 2/22/2013 12:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	93.8	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/28/13	02/28/13 13:44	jjh	GC-V9	1	BWB1881



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-02	Client Sample Name: 7176, U-1-W-130222, 2/22/2013 7:35:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260B	ND		1
n-Butylbenzene	33	ug/L	0.50	EPA-8260B	ND		1
sec-Butylbenzene	19	ug/L	0.50	EPA-8260B	ND		1
tert-Butylbenzene	1.9	ug/L	0.50	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-02	Client Sample Name: 7176, U-1-W-130222, 2/22/2013 7:35:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND	V01	1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260B	ND		1
Isopropylbenzene	6.2	ug/L	0.50	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260B	ND		1
n-Propylbenzene	34	ug/L	0.50	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1

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Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-02	Client Sample Name: 7176, U-1-W-130222, 2/22/2013 7:35:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	2100	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/05/13	03/05/13 20:58	KEA	HPCHEM	1	BWC0211

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-02	Client Sample Name: 7176, U-1-W-130222, 2/22/2013 7:35:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	980	ug/L	500	EPA-8015B	ND	A01	1
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/25/13	03/01/13 11:42	jjh	GC-V9	10	BWC0024

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-02	Client Sample Name: 7176, U-1-W-130222, 2/22/2013 7:35:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	560	ug/L	40	EPA-8015B/TPH d	ND	A52	1
Tetracosane (Surrogate)	119	%	30 - 150 (LCL - UCL)	EPA-8015B/TPH d			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/TPHd	02/28/13	03/06/13 04:38	JAR	GC-5	1	BWC0255



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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-03	Client Sample Name: 7176, U-2-W-130222, 2/22/2013 8:15:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
sec-Butylbenzene	1.2	ug/L	0.50	EPA-8260B	ND		1
tert-Butylbenzene	2.8	ug/L	0.50	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-03	Client Sample Name: 7176, U-2-W-130222, 2/22/2013 8:15:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND	V01	1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260B	ND		1
Isopropylbenzene	0.65	ug/L	0.50	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260B	ND		1
n-Propylbenzene	0.85	ug/L	0.50	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-03	Client Sample Name: 7176, U-2-W-130222, 2/22/2013 8:15:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	510	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/05/13	03/05/13 20:32	KEA	HPCHEM	1	BWC0211

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-03	Client Sample Name: 7176, U-2-W-130222, 2/22/2013 8:15:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	500	ug/L	250	EPA-8015B	ND	A01	1
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/25/13	03/01/13 19:56	jjh	GC-V9	5	BWC0024

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-03	Client Sample Name: 7176, U-2-W-130222, 2/22/2013 8:15:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	150	ug/L	40	EPA-8015B/TPH d	ND	A52	1
Tetracosane (Surrogate)	112	%	30 - 150 (LCL - UCL)	EPA-8015B/TPH d			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/TPHd	02/28/13	03/06/13 04:52	JAR	GC-5	1	BWC0255



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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-04	Client Sample Name: 7176, U-3-W-130222, 2/22/2013 9:05:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-04	Client Sample Name: 7176, U-3-W-130222, 2/22/2013 9:05:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND	V01	1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1

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Emeryville, CA 94608

Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-04	Client Sample Name: 7176, U-3-W-130222, 2/22/2013 9:05:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	115	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/05/13	03/05/13 20:06	KEA	HPCHEM	1	BWC0211

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-04	Client Sample Name: 7176, U-3-W-130222, 2/22/2013 9:05:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	81.6	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/27/13	02/28/13 16:48	jjh	GC-V9	1	BWB1877



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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-04	Client Sample Name: 7176, U-3-W-130222, 2/22/2013 9:05:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	40	EPA-8015B/TPH d	ND		1
Tetracosane (Surrogate)	123	%	30 - 150 (LCL - UCL)	EPA-8015B/TPH d			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/TPHd	02/28/13	03/06/13 05:06	JAR	GC-5	0.990	BWC0255



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Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-05	Client Sample Name: 7176, MW-5-W-130222, 2/22/2013 6:40:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260B	ND		1

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Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-05	Client Sample Name: 7176, MW-5-W-130222, 2/22/2013 6:40:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND	V01	1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1

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Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1303758-05	Client Sample Name: 7176, MW-5-W-130222, 2/22/2013 6:40:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/05/13	03/05/13 19:40	KEA	HPCHEM	1	BWC0211

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-05	Client Sample Name: 7176, MW-5-W-130222, 2/22/2013 6:40:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	91.8	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/28/13	02/28/13 17:08	jjh	GC-V9	1	BWB1881



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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
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Total Petroleum Hydrocarbons

BCL Sample ID: 1303758-05	Client Sample Name: 7176, MW-5-W-130222, 2/22/2013 6:40:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	40	EPA-8015B/TPH d	ND		1
Tetracosane (Surrogate)	122	%	30 - 150 (LCL - UCL)	EPA-8015B/TPH d			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/TPHd	02/28/13	03/06/13 05:19	JAR	GC-5	1	BWC0255



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Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
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QC Batch ID: BWB1626

Benzene	BWB1626-BLK1	ND	ug/L	0.50		
Ethylbenzene	BWB1626-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BWB1626-BLK1	ND	ug/L	0.50		
Toluene	BWB1626-BLK1	ND	ug/L	0.50		
Total Xylenes	BWB1626-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BWB1626-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BWB1626-BLK1	118	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWB1626-BLK1	99.7	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWB1626-BLK1	105	%	80 - 120 (LCL - UCL)		

QC Batch ID: BWC0211

Benzene	BWC0211-BLK1	ND	ug/L	0.50		
Bromobenzene	BWC0211-BLK1	ND	ug/L	0.50		
Bromochloromethane	BWC0211-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BWC0211-BLK1	ND	ug/L	0.50		
Bromoform	BWC0211-BLK1	ND	ug/L	0.50		
Bromomethane	BWC0211-BLK1	ND	ug/L	1.0		
n-Butylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
sec-Butylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
tert-Butylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
Carbon tetrachloride	BWC0211-BLK1	ND	ug/L	0.50		
Chlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		
Chloroethane	BWC0211-BLK1	ND	ug/L	0.50		
Chloroform	BWC0211-BLK1	ND	ug/L	0.50		
Chloromethane	BWC0211-BLK1	ND	ug/L	0.50		
2-Chlorotoluene	BWC0211-BLK1	ND	ug/L	0.50		
4-Chlorotoluene	BWC0211-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BWC0211-BLK1	ND	ug/L	0.50		
1,2-Dibromo-3-chloropropane	BWC0211-BLK1	ND	ug/L	1.0		
1,2-Dibromoethane	BWC0211-BLK1	ND	ug/L	0.50		
Dibromomethane	BWC0211-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		



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Project Number: 351788
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWC0211						
Dichlorodifluoromethane	BWC0211-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BWC0211-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BWC0211-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BWC0211-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BWC0211-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BWC0211-BLK1	ND	ug/L	0.50		
Total 1,2-Dichloroethene	BWC0211-BLK1	ND	ug/L	1.0		
1,2-Dichloropropane	BWC0211-BLK1	ND	ug/L	0.50		
1,3-Dichloropropane	BWC0211-BLK1	ND	ug/L	0.50		
2,2-Dichloropropane	BWC0211-BLK1	ND	ug/L	0.50		
1,1-Dichloropropene	BWC0211-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BWC0211-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BWC0211-BLK1	ND	ug/L	0.50		
Total 1,3-Dichloropropene	BWC0211-BLK1	ND	ug/L	1.0		
Ethylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
Hexachlorobutadiene	BWC0211-BLK1	ND	ug/L	0.50		
Isopropylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
p-Isopropyltoluene	BWC0211-BLK1	ND	ug/L	0.50		
Methylene chloride	BWC0211-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BWC0211-BLK1	ND	ug/L	0.50		
Naphthalene	BWC0211-BLK1	ND	ug/L	0.50		
n-Propylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
Styrene	BWC0211-BLK1	ND	ug/L	0.50		
1,1,1,2-Tetrachloroethane	BWC0211-BLK1	ND	ug/L	0.50		
1,1,1,2,2-Tetrachloroethane	BWC0211-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BWC0211-BLK1	ND	ug/L	0.50		
Toluene	BWC0211-BLK1	ND	ug/L	0.50		
1,2,3-Trichlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		
1,2,4-Trichlorobenzene	BWC0211-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BWC0211-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BWC0211-BLK1	ND	ug/L	0.50		
Trichloroethene	BWC0211-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BWC0211-BLK1	ND	ug/L	0.50		
1,2,3-Trichloropropane	BWC0211-BLK1	ND	ug/L	1.0		

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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWC0211						
1,1,2-Trichloro-1,2,2-trifluoroethane	BWC0211-BLK1	ND	ug/L	0.50		
1,2,4-Trimethylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
1,3,5-Trimethylbenzene	BWC0211-BLK1	ND	ug/L	0.50		
Vinyl chloride	BWC0211-BLK1	ND	ug/L	0.50		
Total Xylenes	BWC0211-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BWC0211-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BWC0211-BLK1	ND	ug/L	10		
Diisopropyl ether	BWC0211-BLK1	ND	ug/L	0.50		
Ethanol	BWC0211-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BWC0211-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BWC0211-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BWC0211-BLK1	105	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWC0211-BLK1	101	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWC0211-BLK1	101	%	80 - 120 (LCL - UCL)		



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Reported: 03/11/2013 12:24
Project: 7176
Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BWB1626										
Benzene	BWB1626-BS1	LCS	31.400	25.000	ug/L	126		70 - 130		
Toluene	BWB1626-BS1	LCS	26.640	25.000	ug/L	107		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BWB1626-BS1	LCS	12.520	10.000	ug/L	125		75 - 125		
Toluene-d8 (Surrogate)	BWB1626-BS1	LCS	10.040	10.000	ug/L	100		80 - 120		
4-Bromofluorobenzene (Surrogate)	BWB1626-BS1	LCS	10.590	10.000	ug/L	106		80 - 120		
QC Batch ID: BWC0211										
Benzene	BWC0211-BS1	LCS	27.920	25.000	ug/L	112		70 - 130		
Bromodichloromethane	BWC0211-BS1	LCS	24.970	25.000	ug/L	99.9		70 - 130		
Chlorobenzene	BWC0211-BS1	LCS	26.640	25.000	ug/L	107		70 - 130		
Chloroethane	BWC0211-BS1	LCS	27.180	25.000	ug/L	109		70 - 130		
1,4-Dichlorobenzene	BWC0211-BS1	LCS	25.520	25.000	ug/L	102		70 - 130		
1,1-Dichloroethane	BWC0211-BS1	LCS	27.680	25.000	ug/L	111		70 - 130		
1,1-Dichloroethene	BWC0211-BS1	LCS	28.040	25.000	ug/L	112		70 - 130		
Toluene	BWC0211-BS1	LCS	27.010	25.000	ug/L	108		70 - 130		
Trichloroethene	BWC0211-BS1	LCS	27.630	25.000	ug/L	111		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BWC0211-BS1	LCS	10.160	10.000	ug/L	102		75 - 125		
Toluene-d8 (Surrogate)	BWC0211-BS1	LCS	10.030	10.000	ug/L	100		80 - 120		
4-Bromofluorobenzene (Surrogate)	BWC0211-BS1	LCS	9.6900	10.000	ug/L	96.9		80 - 120		



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Project Number: 351788
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BWB1626		Used client sample: N								
Benzene	MS	1303697-04	ND	30.530	25.000	ug/L		122		70 - 130
	MSD	1303697-04	ND	30.050	25.000	ug/L	1.6	120	20	70 - 130
Toluene	MS	1303697-04	ND	28.010	25.000	ug/L		112		70 - 130
	MSD	1303697-04	ND	25.840	25.000	ug/L	8.1	103	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1303697-04	ND	11.680	10.000	ug/L		117		75 - 125
	MSD	1303697-04	ND	11.800	10.000	ug/L	1.0	118		75 - 125
Toluene-d8 (Surrogate)	MS	1303697-04	ND	10.070	10.000	ug/L		101		80 - 120
	MSD	1303697-04	ND	10.350	10.000	ug/L	2.7	104		80 - 120
4-Bromofluorobenzene (Surrogate)	MS	1303697-04	ND	10.840	10.000	ug/L		108		80 - 120
	MSD	1303697-04	ND	10.230	10.000	ug/L	5.8	102		80 - 120
QC Batch ID: BWC0211		Used client sample: N								
Benzene	MS	1302378-73	ND	26.290	25.000	ug/L		105		70 - 130
	MSD	1302378-73	ND	24.910	25.000	ug/L	5.4	99.6	20	70 - 130
Bromodichloromethane	MS	1302378-73	ND	22.910	25.000	ug/L		91.6		70 - 130
	MSD	1302378-73	ND	21.980	25.000	ug/L	4.1	87.9	20	70 - 130
Chlorobenzene	MS	1302378-73	ND	25.860	25.000	ug/L		103		70 - 130
	MSD	1302378-73	ND	24.130	25.000	ug/L	6.9	96.5	20	70 - 130
Chloroethane	MS	1302378-73	ND	27.410	25.000	ug/L		110		70 - 130
	MSD	1302378-73	ND	24.990	25.000	ug/L	9.2	100	20	70 - 130
1,4-Dichlorobenzene	MS	1302378-73	ND	24.110	25.000	ug/L		96.4		70 - 130
	MSD	1302378-73	ND	22.810	25.000	ug/L	5.5	91.2	20	70 - 130
1,1-Dichloroethane	MS	1302378-73	ND	26.450	25.000	ug/L		106		70 - 130
	MSD	1302378-73	ND	24.940	25.000	ug/L	5.9	99.8	20	70 - 130
1,1-Dichloroethene	MS	1302378-73	ND	26.800	25.000	ug/L		107		70 - 130
	MSD	1302378-73	ND	24.910	25.000	ug/L	7.3	99.6	20	70 - 130
Toluene	MS	1302378-73	ND	26.290	25.000	ug/L		105		70 - 130
	MSD	1302378-73	ND	24.340	25.000	ug/L	7.7	97.4	20	70 - 130
Trichloroethene	MS	1302378-73	ND	29.660	25.000	ug/L		119		70 - 130
	MSD	1302378-73	ND	25.570	25.000	ug/L	14.8	102	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1302378-73	ND	10.480	10.000	ug/L		105		75 - 125
	MSD	1302378-73	ND	10.260	10.000	ug/L	2.1	103		75 - 125
Toluene-d8 (Surrogate)	MS	1302378-73	ND	10.230	10.000	ug/L		102		80 - 120
	MSD	1302378-73	ND	9.9500	10.000	ug/L	2.8	99.5		80 - 120
4-Bromofluorobenzene (Surrogate)	MS	1302378-73	ND	9.7000	10.000	ug/L		97.0		80 - 120
	MSD	1302378-73	ND	9.3600	10.000	ug/L	3.6	93.6		80 - 120

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWB1877						
Gasoline Range Organics (C4 - C12)	BWB1877-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BWB1877-BLK1	88.7	%	70 - 130 (LCL - UCL)		
QC Batch ID: BWB1881						
Gasoline Range Organics (C4 - C12)	BWB1881-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BWB1881-BLK1	95.0	%	70 - 130 (LCL - UCL)		
QC Batch ID: BWC0024						
Gasoline Range Organics (C4 - C12)	BWC0024-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BWC0024-BLK1	90.5	%	70 - 130 (LCL - UCL)		



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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BWB1877										
Gasoline Range Organics (C4 - C12)	BWB1877-BS1	LCS	926.61	1000.0	ug/L	92.7		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BWB1877-BS1	LCS	38.814	40.000	ug/L	97.0		70 - 130		
QC Batch ID: BWB1881										
Gasoline Range Organics (C4 - C12)	BWB1881-BS1	LCS	1056.1	1000.0	ug/L	106		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BWB1881-BS1	LCS	39.961	40.000	ug/L	99.9		70 - 130		
QC Batch ID: BWC0024										
Gasoline Range Organics (C4 - C12)	BWC0024-BS1	LCS	889.87	1000.0	ug/L	89.0		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BWC0024-BS1	LCS	37.984	40.000	ug/L	95.0		70 - 130		



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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: BWB1877		Used client sample: N								
Gasoline Range Organics (C4 - C12)	MS	1303759-04	ND	982.35	1000.0	ug/L		98.2		70 - 130
	MSD	1303759-04	ND	961.29	1000.0	ug/L	2.2	96.1	20	70 - 130
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1303759-04	ND	39.885	40.000	ug/L		99.7		70 - 130
	MSD	1303759-04	ND	35.922	40.000	ug/L	10.5	89.8		70 - 130
QC Batch ID: BWB1881		Used client sample: N								
Gasoline Range Organics (C4 - C12)	MS	1302378-62	ND	976.34	1000.0	ug/L		97.6		70 - 130
	MSD	1302378-62	ND	1016.5	1000.0	ug/L	4.0	102	20	70 - 130
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1302378-62	ND	39.282	40.000	ug/L		98.2		70 - 130
	MSD	1302378-62	ND	39.129	40.000	ug/L	0.4	97.8		70 - 130
QC Batch ID: BWC0024		Used client sample: N								
Gasoline Range Organics (C4 - C12)	MS	1302378-63	ND	1059.9	1000.0	ug/L		106		70 - 130
	MSD	1302378-63	ND	920.62	1000.0	ug/L	14.1	92.1	20	70 - 130
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1302378-63	ND	39.024	40.000	ug/L		97.6		70 - 130
	MSD	1302378-63	ND	39.070	40.000	ug/L	0.1	97.7		70 - 130



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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWC0255						
Diesel Range Organics (C12 - C24)	BWC0255-BLK1	ND	ug/L	40		
Tetracosane (Surrogate)	BWC0255-BLK1	77.4	%	30 - 150 (LCL - UCL)		



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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: BWC0255											
Diesel Range Organics (C12 - C24)	BWC0255-BS1	LCS	358.26	500.00	ug/L	71.7		50 - 140			
Tetracosane (Surrogate)	BWC0255-BS1	LCS	19.700	20.000	ug/L	98.5		30 - 150			



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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BWC0255		Used client sample: N									
Diesel Range Organics (C12 - C24)	MS	1225032-37	ND	351.97	500.00	ug/L		70.4			50 - 140
	MSD	1225032-37	ND	365.08	500.00	ug/L	3.7	73.0	30		50 - 140
Tetracosane (Surrogate)	MS	1225032-37	ND	27.168	20.000	ug/L		136			30 - 150
	MSD	1225032-37	ND	23.825	20.000	ug/L	13.1	119			30 - 150



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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.
- V01 The Initial Calibration Verification (ICV) recovery is not within established control limits.