



Roya C. Kambin
Project Manager
Marketing Business Unit

Chevron Environmental
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Alameda County Health Care Services Agency
Environmental Health Department
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: UNOCAL Station #7176
Union Oil Site 351788
7850 Amador Valley Boulevard
Dublin, California

RECEIVED

4:29 pm, Mar 15, 2012

Alameda County
Environmental Health

I have reviewed the attached report dated March 15, 2012.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Roya Kambin
Union Oil of California – Project Manager

Attachment: Report



**CONESTOGA-ROVERS
& ASSOCIATES**

10969 Trade Center Drive, Suite 107
Rancho Cordova, California 95670
Telephone: (916) 889-8900 Fax: (916) 889-8999
www.CRAworld.com

March 15, 2012

Reference No. 060715

Mr. Paresh Khatri
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: First Semi-Annual 2012
Groundwater Monitoring and Sampling Report
UNOCAL Station #7176 (Union Oil Company of California Site 351788)
7850 Amador Valley Boulevard
Dublin, California
Fuel Leak Case RO0482

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"), Conestoga-Rovers & Associates (CRA) is submitting this *First Semi-Annual 2012 Groundwater Monitoring and Sampling Report* for the site referenced above (Figures 1 and 2). Groundwater monitoring and sampling was performed by TRC Solutions (TRC) of Irvine, California. TRC's February 22, 2012 *Groundwater Monitoring Data* is presented as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Laboratory analyses were performed by BC Laboratories, Inc. (BC Labs) of Bakersfield, California. BC Labs February 28, 2012 report is included as Attachment B. Historical groundwater monitoring and sampling data are included as Attachment C.

RESULTS OF FIRST SEMI-ANNUAL 2012 EVENT

On February 10, 2012, TRC monitored and sampled the site wells per the established schedule.

Results of the current monitoring event indicate the following:

- | | |
|-------------------------------------|---------------------------|
| • Groundwater Flow Direction | Southeast |
| • Hydraulic Gradient | 0.003 |
| • Approximate Depths to Groundwater | 16 to 19 feet below grade |

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March 15, 2012

Reference No. 060715

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An abbreviated summary of results from the current sampling event are presented below in Table A:

TABLE A: GROUNDWATER ANALYTICAL DATA							
Well ID	TPHd ($\mu\text{g}/\text{L}$)	TPHg (8015/8260) ($\mu\text{g}/\text{L}$)	Benzene ($\mu\text{g}/\text{L}$)	Toluene ($\mu\text{g}/\text{L}$)	Ethylbenzene ($\mu\text{g}/\text{L}$)	Xylenes ($\mu\text{g}/\text{L}$)	MTBE ($\mu\text{g}/\text{L}$)
ESLs	100	100/100	1	40	30	20	5
U-1	650	2,100/2,300	<0.50	<0.50	<0.50	<1.0	<0.50
U-2	270	1,100/1,200	<0.50	<0.50	<0.50	<1.0	<0.50
U-3	<40	<50/<50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-4	Inaccessible: could not obtain access from property owner						
MW-5	<40	<50/<50	<0.50	<0.50	<0.50	<1.0	<0.50

TPHd Total petroleum hydrocarbons as diesel using Environmental Protection Agency (EPA) Method 8015

TPHg Total petroleum hydrocarbons as gasoline using EPA Method 8260B and EPA Method 8015

BTEX Benzene, toluene, ethylbenzene, and xylenes using EPA Method 8260B

MTBE Methyl tertiary butyl ether using EPA Method 8260B

$\mu\text{g}/\text{L}$ Micrograms per Liter

ESLs Environmental Screening Levels from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, California Regional Water Quality Control Board-San Francisco Bay Region, Interim Final November 2007, Revised May 2008

<0.50 Not detected at or above laboratory detection limit indicated

Bold Exceeds ESL

CONCLUSIONS AND RECOMMENDATIONS

The results of ongoing groundwater monitoring and sampling indicate the following:

- TPHd was detected in wells U-1 and U-2 above the ESL. The laboratory reported that the chromatograms for these two wells are not typical of diesel range hydrocarbons and have been identified as weathered gasoline.
- TPHg concentrations are limited to wells U-1 and U-2 and are within one order of magnitude of the ESL.
- No BTEX and MTBE were detected in any site wells.
- The dissolved-phase hydrocarbon plume is laterally defined by downgradient well MW-5 and crossgradient by well U-3.



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March 15, 2012

Reference No. 060715

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Over the last two sampling events, volatile organic compounds (VOCs) using EPA Method 8260B have not been detected in wells U-3 or MW-5, and VOCs reported in wells U-1 and U-2 (1,2,4-trimethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, naphthalene, 2-phenylbutane and tert-butylbenzene) are at trace concentrations. CRA recommends discontinuing analysis of full scan VOCs using Method 8260B. This modification will be implemented upon receipt of ACEH's concurrence.

CRA recommends continuing semi-annual monitoring and sampling to verify decreasing dissolved hydrocarbon concentration trends.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring

TRC will monitor and sample site wells per the established schedule and forward the samples to BC Labs for analyses. Upon receipt of final results, CRA will submit a groundwater monitoring and sampling report.

Please contact Laura Heberle at (916) 889-8918 if you have any questions or require additional information.

Sincerely,

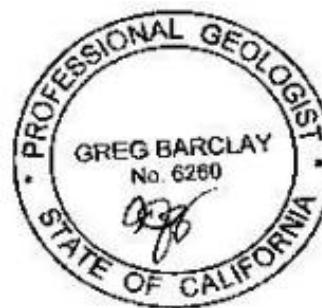
CONESTOGA-ROVERS & ASSOCIATES

A handwritten signature in black ink, appearing to read "Laura Heberle".

Laura Heberle

A handwritten signature in black ink, appearing to read "Greg Barclay".

Greg Barclay, PG 6260



LH/cw/4
Encl.



**CONESTOGA-ROVERS
& ASSOCIATES**

March 15, 2012

Reference No. 060715

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Figure 1

Vicinity Map

Figure 2

Groundwater Elevation and Hydrocarbon Concentration Map

Table 1

Groundwater Monitoring and Sampling Data

Attachment A

Monitoring Data Package

Attachment B

Laboratory Analytical Report

Attachment C

Historical Groundwater Monitoring and Sampling Data

cc: Ms. Roya Kambin, Union Oil Company of California (*electronic copy*)

FIGURES

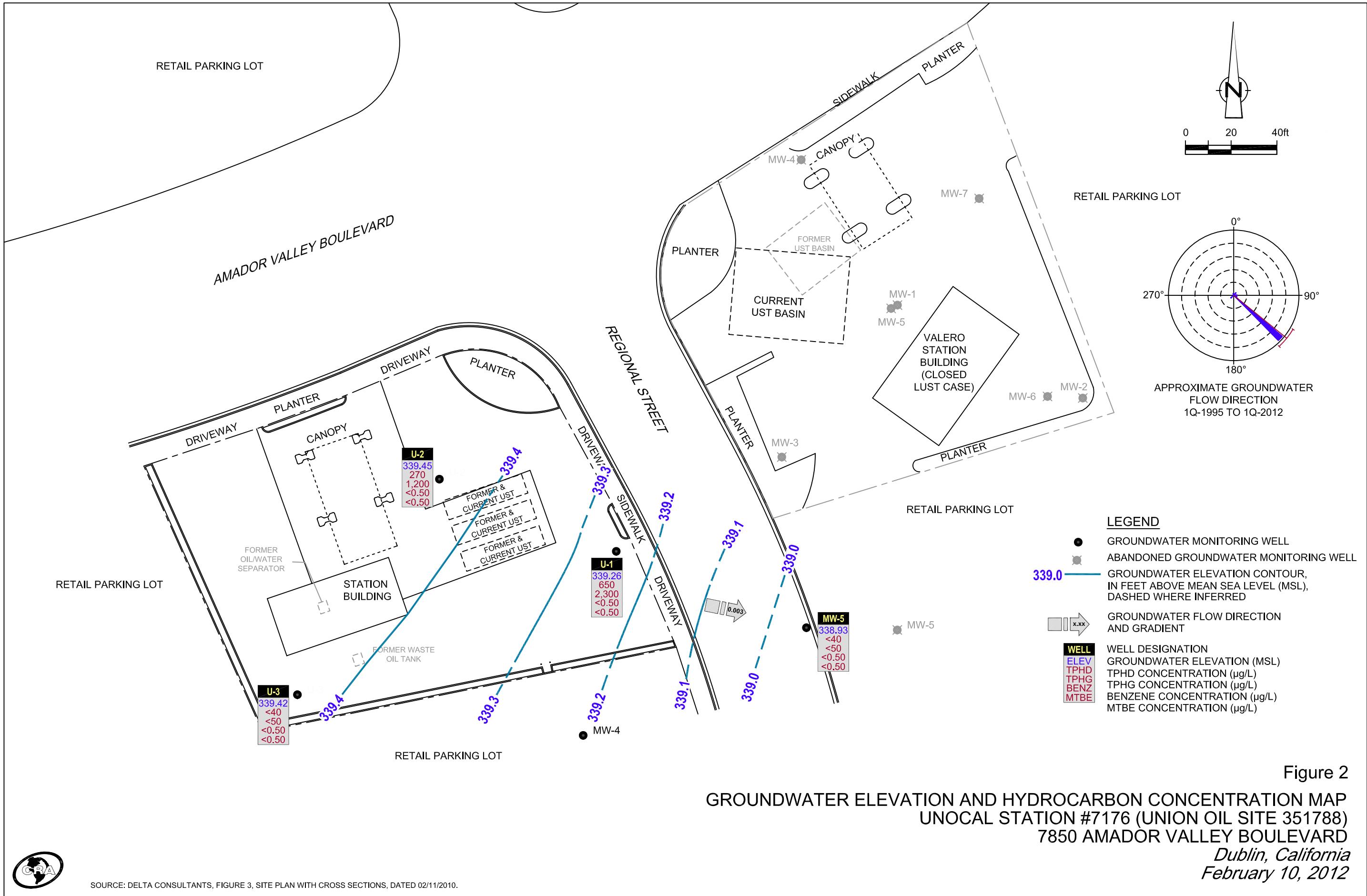


SOURCE: TOPO! MAPS

Figure 1

VICINITY MAP
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California





TABLE

TABLE 1

Page 1 of 4

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL STATION #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

Location	Date	HYDROCARBONS					PRIMARY VOCs												
		TOC	DTW	GWE	TPHd by 8015	TPHg by 8015	Total Petro Hydro - Purgeable (GRO) by S260	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE by SW8260	Diisopropyl ether	tert-Butyl ethyl ether	tert-Amyl methyl ether	tert-Butyl alcohol	1,2-Dibromoethane (Ethylene dibromide)	1,2-Dichloroethane	Ethanol
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
U-1	08/26/2011	355.59	14.83	340.76	670	1,400	2,400	<0.50	<0.50	0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	
U-1	02/10/2012	355.59	16.33	339.26	650	2,100	2,300	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-2	08/26/2011	356.55	15.52	341.03	410	460	1,100	<0.50	<0.50	0.59	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-2	02/10/2012	356.55	17.10	339.45	270	1,100	1,200	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-3	08/26/2011	358.09	17.12	340.97	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-3	02/10/2012	358.09	18.67	339.42	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
MW-4	08/26/2011 ¹	356.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	02/10/2012 ¹	356.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	08/26/2011	355.03	14.73	340.30	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
MW-5	02/10/2012	355.03	16.10	338.93	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL STATION #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

Location	Date	ADDITIONAL VOCs																									
		<i>1,1,2-Tetrachloroethane</i>	<i>1,1,1-Trichloroethane</i>	<i>1,1,2,2-Tetrachloroethane</i>	<i>1,1,2-Trichloroethane</i>	<i>1,1-Dichloroethane</i>	<i>1,1-Dichloroethene</i>	<i>1,1,2,3-Trichlorobenzene</i>	<i>1,1-Dichloropropene</i>	<i>1,2,3-Trichloropropane</i>	<i>1,2,4-Trichlorobenzene</i>	<i>1,2,4-Trimethylbenzene</i>	<i>1,2-Dibromo-3-chloropropane (DBCP)</i>	<i>1,2-Dichloroethene (total)</i>	<i>1,2-Dichloropropane</i>	<i>1,3,5-Trimethylbenzene</i>	<i>1,2-Dichlorobenzene</i>	<i>1,3-Dichloropropene</i>	<i>1,4-Dichlorobenzene</i>	<i>2,2-Dichloropropane</i>	<i>2-Phenylbutane (sec-Butylbenzene)</i>	<i>4-Chlorotoluene</i>	<i>Bromobenzene</i>	<i>Bromodichloromethane</i>	<i>Bromoform</i>	<i>Bromomethane (Methyl bromide)</i>	
Units		$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$			
U-1	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	21	<0.50	<0.50	<0.50	<0.50	<1.0	
U-1	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
U-2	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
U-2	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	0.51	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
U-3	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	21	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
U-3	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	08/26/2011 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	02/10/2012 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	21	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	26	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL STATION #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

Location	Date	ADDITIONAL VOCs																								
		Units	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chloroethane	Chloroform (Trichloromethane)	Chloromethane (Methyl chloride)	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (p-Isopropyltoluene)	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane (CFC-12)	Hexachlorobutadiene	Isopropylbenzene	Methylene chloride	N-Butylbenzene	N-Propylbenzene	Naphthalene	Syrene	tert-Butylbenzene	Tetrachloroethene	trans-1,2-Dichloropropene	Trichloroethene	Trichlorofluorochloroethane (Freon 113)
U-1	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<1.0	36	56	1.7	<0.50	1.9	<0.50	<0.50	<0.50	<0.50	<0.50
U-1	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14	<1.0	51	55	<0.50	<0.50	3.0	<0.50	<0.50	<0.50	<0.50	<0.50
U-2	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<1.0	<0.50	31	<0.50	<0.50	3.9	<0.50	<0.50	<0.50	<0.50	<0.50
U-2	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<1.0	3.4	23	<0.50	<0.50	5.0	<0.50	<0.50	<0.50	<0.50	<0.50
U-3	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
U-3	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	08/26/2011 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-4	02/10/2012 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-5	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	02/10/2012	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

TABLE 1

Page 4 of 4

**GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL STATION #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA**

Abbreviations and Notes:

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater elevation

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPHd - Diesel Range Organics

TPHg - Gasoline Range Organics

GRO = Gasoline Range Organics

VOCS = Volatile Organic Compounds

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

<x = Not detected above laboratory reported practical quantitation level.

1 Could not obtain access from property owner

ATTACHMENT A

MONITORING DATA PACKAGE



123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: February 22, 2012

TO: Laura Heberle
CRA

SITE: Unocal Site 7176
Facility 351788
7850 Amador Valley Blvd., Dublin CA

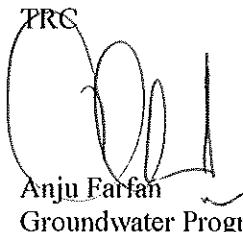
RE: Transmittal of Groundwater Monitoring Data

Dear Ms. Heberle,

Please find attached the field data sheets, chain of custody (COC) forms, and technical services request (TSR) form for the monitoring event that was completed on February 10, 2012. Field measurements and collection of samples submitted to the laboratory were completed in general accordance with our usual groundwater monitoring protocol which is also attached for your reference.

Please call me at 949-341-7440 if you have questions.

Sincerely,

TRC

Anju Farfan

Groundwater Program Operations Manager

GENERAL FIELD PROCEDURES

Groundwater Gauging and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater gauging and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements (Gauging)

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Unless otherwise instructed, a well that is found to contain a measureable amount of LPH (0.01 foot) is not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps. The pump intake is initially set at about 5 feet below the level of water in the casing, and is lowered as needed to compensate for falling water level. Pump depths are recorded in Field Notes.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously, using a flow cell, until they become stable in general accordance with EPA guidelines.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

GENERAL FIELD PROCEDURES

Samples are collected by lowering a new, disposable polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

Sample containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well. If wells must be gauged or sampled out of order, alternate interface probes and/or pumps are utilized and are noted in field documentation.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liquinox and water and rinsing twice. The final rinse is in deionized water.

Purge Water Disposal

Purge water is generally collected in labeled drums for disposal as non-hazardous waste. Drums may be left on site for disposal by others, or transported to a collection location at a TRC field office, in either Fullerton, California or Concord, California, for eventual transfer to a licensed treatment or recycling facility. Alternatively, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: *Basilis*

Job #/Task #: 189791.0035.1788

Date: 2-10-12

Site # 7176

Project Manager Af

Page 1 of 1



GROUNDWATER SAMPLING FIELD NOTES

Technician: Banish

Site: 7176

Project No.: 189791, 0035, 1788

Date: 2-10-12

Well No. MW - 5

Depth to Water (feet): 16.10

Total Depth (feet) 25.55

Water Column (feet): 9.45

80% Recharge Depth(feet): 17.99

Purge Method: HB

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ($\mu\text{S}/\text{cm}$)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0735		2		1764	18.1	7.62			
		4		1237	19.9	6.86			
0745		6		1234	20.2	6.64			
Static at Time Sampled			Total Gallons Purged			Sample Time			
16.27			6			0750			
Comments: Bent Casing Top.									

Well No. U-1

Depth to Water (feet): 16.33

Total Depth (feet) 28.58

Water Column (feet): 12.25

80% Recharge Depth(feet): 18.78

Purge Method: Su

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ($\mu\text{S}/\text{cm}$)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0812		2		1136	12.9	7.02			
		4		1146	16.9	6.92			
0816		6		1152	18.3	6.84			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.12			6			0824			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilis

Site: 7176

Project No.: 189791, 0035, 1788

Date: 2-10-12

Well No. U-3

Depth to Water (feet): 18.67

Total Depth (feet) 28.40

Water Column (feet): 9.73

80% Recharge Depth(feet): 20.61

Purge Method: Sub

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ($\mu\text{S}/\text{cm}$)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0842		2		1209	17.2	6.63			
		4		1220	18.8	6.63			
0846		6		1222	19.9	6.69			
Static at Time Sampled			Total Gallons Purged			Sample Time			
18.96			6			0855			
Comments:									

Well No. U-2

Depth to Water (feet): 17.10

Total Depth (feet) 26.30

Water Column (feet): 26.20 9.20

80% Recharge Depth(feet): 18.94

Purge Method: Sub

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity ($\mu\text{S}/\text{cm}$)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0908		2		1055	19.6	6.56			
		4		1094	20.3	6.52			
0912		6		1121	20.7	6.60			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.59			6			0920			
Comments:									

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 2/10/12 SITE ID: 7176

TECH: Bonita CALLED SUPERVISOR: YES / NO

CALLED PM: YES / NO NAME OF PM: Anjali Aryan

WELL ID: MW-4 No access Permittee
Agreement

WELL ID: _____

WELL ID: _____

WELL BOX CONDITION REPORT

SITE NO. 7776

ADDRESS

ADDRESS 7850 Arnaldo Valley Blvd

DATE

PERFORMED BY:

Banilis

PAGE 1 OF (

CHAIN OF CUSTODY FORM

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

COC _____ of _____

Union Oil Site ID: <i>7176</i>	Union Oil Consultant: <i>TRC</i>	ANALYSES REQUIRED									
Site Global ID: <i>7176</i>	Consultant Contact: <i>1-800-328-2822</i>	<input checked="" type="checkbox"/> Turnaround Time (TAT): Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/>									
Site Address: <i>6101 Bollinger Canyon Road, San Ramon, CA 94583</i>	Consultant Phone No.: <i>1-800-328-2822</i>										
Union Oil PM: <i>Molly Meyers</i>	Sampling Company: TRC										
Union Oil PM Phone No.: <i>(661) 327-4911</i>	Sampled By (PRINT): <i>TRC</i>										
Charge Code: NWRTB-0 <i>15</i> -0-LAB	Sampler Signature: <i>SC</i>										
<i>This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.</i>		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/OXYs by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYs	Notes / Comments
Field Point Name	Matrix	DTW	Date (yyymmdd)								
<i>W-1-3</i>	W-S-A	<i>21/12</i>	<i>0750</i>	<i>8</i>	<input checked="" type="checkbox"/>						
<i>W-1-4</i>	W-S-A		<i>0754</i>		<input checked="" type="checkbox"/>						
<i>W-1-3</i>	W-S-A		<i>0758</i>		<input checked="" type="checkbox"/>						
<i>W-1-2</i>	W-S-A		<i>0720</i>		<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
	W-S-A				<input checked="" type="checkbox"/>						
Relinquished By: <i>TRC</i>	Company: <i>TRC</i>	Date / Time: <i>21/12/15</i>	Relinquished By: <i></i>	Company: <i></i>	Date / Time: <i></i>	Relinquished By: <i></i>	Company: <i></i>	Date / Time: <i></i>	Relinquished By: <i></i>	Company: <i></i>	Date / Time: <i></i>
Received By: <i>House Organ</i>	Company: <i>BCLabs</i>	Date / Time: <i>21/12/15</i>	Received By: <i></i>	Company: <i></i>	Date / Time: <i></i>	Received By: <i></i>	Company: <i></i>	Date / Time: <i></i>	Received By: <i></i>	Company: <i></i>	Date / Time: <i></i>

TRC SOLUTIONS
TECHNICAL SERVICES REQUEST FORM

23-Jan-12

Site ID:	7176	Project No.:	189791.0035.1788 / 00TA01
Address	7850 Amador Valley Boulevard	Client:	Roya Kambin
City:	Dublin	Contact #:	925-790-6270
Cross Street:	Regional St.	PM:	Jim Schneider
		PM Contact #:	CRA 949-648-5202

Total number of wells: 5 **Min. Well Diameter (in.):** 2 **# of Techs, # of Hrs:** 1, 4
Depth to Water (ft.): 15 **Max. Well Diameter (in.):** 2 **Travel Time (hrs):**

ACTIVITIES:	Frequency	Notes
Gauging:	<input checked="" type="checkbox"/> Semi Q1/Q3	
Purge/Sampling:	<input checked="" type="checkbox"/> Semi Q1/Q3	
No Purge/Sample	<input type="checkbox"/>	

RELATED ACTIVITIES	Notes
Drums:	<input checked="" type="checkbox"/>
Other Activities:	<input type="checkbox"/>
Traffic Control:	<input checked="" type="checkbox"/> City of Dublin

Permit attached.

PERMIT INFORMATION:

Notify inspector no later than 48 hours before event: 510-833-6630

NOTIFICATIONS:

Amador 76 Gas: 928-828-4934

SITE INFORMATION:

Gauge, purge and sample wells in the following order:
MW-5, MW-4, U-1, U-3, U-2

****DO NOT SAMPLE OR GAUGE MW-4 WE DO NOT HAVE AN ACCESS AGREEMENT IN PLACE****

TRC SOLUTIONS
TECHNICAL SERVICES REQUEST FORM

23-Jan-12

Site ID:	7176	Project No.:	189791.0035.1788 / 00TA01
Address	7850 Amador Valley Boulevard	Client:	Roya Kambin
City:	Dublin	Contact #:	925-790-6270
Cross Street:	Regional St.	PM:	Jim Schneider
		PM Contact #:	949-648-5202
			CRA

LAB INFORMATION:

Global ID: T0600101883

Lab WO: 351788

Lab Used: BC

Lab Notes: Lab Analyses:
TPH-D by 8015M [Containers: two 1L ambers unpreserved]
TPH-G by 8015 [Containers: 3 voas w/HCl]
TPH-G by GC/MS, Full Scan 8260B including OXYS, Ethanol by 8260B [Containers: 3 voas w/ HCl]

Note on COC:
Analyze 8260s on an instrument that is able to report a full scan.
Run TPH-D with silica gel cleanup on hits.
Email a copy of lab report to jwagoner@deltaenv.com

TRC SOLUTIONS
TECHNICAL SERVICES REQUEST FORM

23-Jan-12

Site ID.: 7176
Address: 7850 Amador Valley Boulevard
City: Dublin
Cross Street: Regional St.

Well IDs	Benz.	MTBE	Gauging				Sampling				Field Measurements			Comments
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Pre-Purge	Post-Purge	Type	
U-3	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2" casing						
U-2	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2" casing						
U-1	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2" casing						
MW-5	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2" casing						
MW-4	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2" casing						

ATTACHMENT B

LABORATORY ANALYTICAL REPORT



Date of Report: 02/28/2012

Laura Heberle

Conestoga Rovers and Associates
10969 Trade Center Drive Suite 107
Rancho Cordova, CA 95670

Project: 7176
BC Work Order: 1202547
Invoice ID: B117094

Enclosed are the results of analyses for samples received by the laboratory on 2/10/2012. 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

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.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

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12-02547

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: <u>7176</u>		Union Oil Consultant: <u>CRA</u>		ANALYSES REQUIRED			
Site Global ID: <u>T0600101883</u>		Consultant Contact: <u>Tim Schneidler</u>				Turnaround Time (TAT):	
Site Address: <u>7850 Amador Valley Blvd. Dublin</u>		Consultant Phone No.: <u>925-648-5202</u>				<input checked="" type="checkbox"/> Standard 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours	
Union Oil PM: <u>Ron Kamlein</u>		Sampling Company: TRC				Special Instructions	
Union Oil PM Phone No.: <u>925-790-6270</u>		Sampled By (PRINT): <u>Brailey</u>				<u>Analyze 8260S on an instrument that is able to report a full scan (run TPH-H) w/silica gel cleanups on hits. Email copy to [REDACTED]</u>	
Charge Code: NWRTB-0 <u>351788</u> -0-LAB		Sampler Signature: <u>[Signature]</u>					
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.		BC Laboratories, Inc.				Notes / Comments	
SAMPLE ID		Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911					
Field Point Name	Matrix	DTW	Date (yyymmdd)	Sample Time	# of Containers	TPH - Date by EPA 8015	TPH - G by EPA 8015
<u>MW-5</u>	<u>W-S-A</u>	<u>2</u>	<u>10-12</u>	<u>0750</u>	<u>8</u>	X	X
<u>U-1</u>	<u>W-S-A</u>	<u>1</u>		<u>0824</u>	<u>1</u>	X	X
<u>U-3</u>	<u>W-S-A</u>	<u>1</u>		<u>0855</u>	<u>1</u>	X	X
<u>U-2</u>	<u>W-S-A</u>	<u>1</u>		<u>0920</u>	<u>1</u>	X	X
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							
W-S-A							
W-S-A							
W-S-A							
W-S-A							
Relinquished By	Company	Date / Time:		Relinquished By	Company	Date / Time:	
<u>Ron Sickey</u>	<u>BC Labs</u>	<u>2-10-12 1300</u>		<u>Holly Boyer</u>	<u>BC Labs</u>	<u>2-10-12 1525</u>	
Received By	Company	Date / Time:		Received By	Company	Date / Time:	
<u>Holly Boyer</u>	<u>BC Labs</u>	<u>2-10-12 1335</u>		<u>Rosa Sickey</u>	<u>BC Labs</u>	<u>2-10-12 1529</u>	
<u>Full - IdealG</u> 2-10-12 2030				<u>Komor</u> BC labs 2-10-12 2030			



Chain of Custody and Cooler Receipt Form for 1202547 Page 2 of 2

BC LABORATORIES INC.		SAMPLE RECEIPT FORM				Rev. No. 12	06/24/08	Page <u>1</u> of <u>1</u>		
Submission #: 12-02547										
SHIPPING INFORMATION				SHIPPING CONTAINER						
Federal Express <input type="checkbox"/>	UPS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	BC Lab Field Service <input checked="" type="checkbox"/>	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: _____							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All samples containers intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Description(s) match COC? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emissivity: <u>.98</u>	Container: <u>Amber</u>	Thermometer ID: <u>177</u>	Date/Time <u>2/10/12 10:30</u>						
	Temperature: A <u>3.2</u> °C / C <u>3.6</u> °C	Analyst Init <u>KLQ</u>								
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
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										
OT EPA 548										
OT EPA 549										
OT EPA 632										
OT EPA 8015M										
QT AMBER	<u>BC</u>	<u>BC</u>	<u>BC</u>	<u>BC</u>						
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
Comments: _____										
Sample Numbering Completed By: <u>CTAns</u>	Date/Time: <u>2/13/12 1320</u>	[H:\DOCS\WPUB\LAB_DOCS\FORMS\ISAMREC2.WPD]								
A = Actual / C = Corrected										



Conestoga Rovers and Associates
10969 Trade Center Drive Suite 107
Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1202547-01	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: MW-5-W-120210 Sampled By: TRCI	Receive Date: 02/10/2012 20:30 Sampling Date: 02/10/2012 07:50 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:		
1202547-02	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-1-W-120210 Sampled By: TRCI	Receive Date: 02/10/2012 20:30 Sampling Date: 02/10/2012 08:24 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:		
1202547-03	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-3-W-120210 Sampled By: TRCI	Receive Date: 02/10/2012 20:30 Sampling Date: 02/10/2012 08:55 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:		



Conestoga Rovers and Associates
10969 Trade Center Drive Suite 107
Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
1202547-04	COC Number: --- Project Number: 7176 Sampling Location: --- Sampling Point: U-2-W-120210 Sampled By: TRCI	Receive Date: 02/10/2012 20:30 Sampling Date: 02/10/2012 09:20 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:



Conestoga Rovers and Associates
10969 Trade Center Drive Suite 107
Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-01	Client Sample Name:	7176, MW-5-W-120210, 2/10/2012 7:50:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260	ND		1
n-Butylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
sec-Butylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
tert-Butylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1

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Conestoga Rovers and Associates
10969 Trade Center Drive Suite 107
Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-01	Client Sample Name:	7176, MW-5-W-120210, 2/10/2012 7:50:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260	ND		1
Isopropylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260	ND		1
n-Propylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Styrene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-01	Client Sample Name:	7176, MW-5-W-120210, 2/10/2012 7:50:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	93.4	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
			Date	Time				
1	EPA-8260	02/14/12	02/14/12	19:05	MGC	MS-V5	1	BVB1004



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-01	Client Sample Name: 7176, MW-5-W-120210, 2/10/2012 7:50:00AM					
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)	79.1	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/15/12	02/15/12 23:18	jjh	GC-V4	1	BVB1055



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-01	Client Sample Name: 7176, MW-5-W-120210, 2/10/2012 7:50:00AM					
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)	109	%	28 - 139 (LCL - UCL)	EPA-8015B/TPH d			1
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/TPHd	02/15/12	02/27/12 19:24	MK1	GC-5	0.990	BVB1754



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-02	Client Sample Name:	7176, U-1-W-120210, 2/10/2012 8:24:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260	ND		1
n-Butylbenzene	51	ug/L	0.50	EPA-8260	ND		1
sec-Butylbenzene	26	ug/L	0.50	EPA-8260	ND		1
tert-Butylbenzene	3.0	ug/L	0.50	EPA-8260	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-02	Client Sample Name:	7176, U-1-W-120210, 2/10/2012 8:24:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260	ND		1
Isopropylbenzene	14	ug/L	0.50	EPA-8260	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260	ND		1
n-Propylbenzene	55	ug/L	0.50	EPA-8260	ND		1
Styrene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-02	Client Sample Name:	7176, U-1-W-120210, 2/10/2012 8:24:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	2300	ug/L	500	Luft-GC/MS	ND	A01	2
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	110	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	114	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/14/12	02/14/12 19:27	MGC	MS-V5	1	BVB1004
2	EPA-8260	02/14/12	02/15/12 12:11	MGC	MS-V5	10	BVB1004



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-02	Client Sample Name: 7176, U-1-W-120210, 2/10/2012 8:24:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	2100	ug/L	500	EPA-8015B	ND	A01	1
a,a,a-Trifluorotoluene (FID Surrogate)	79.5	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/15/12	02/16/12 16:46	jjh	GC-V4	10	BVB1055



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Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-02	Client Sample Name: 7176, U-1-W-120210, 2/10/2012 8:24:00AM						
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #	
Diesel Range Organics (C12 - C24)	650	ug/L	40	EPA-8015B/TPHd	ND	A52	1	
Tetracosane (Surrogate)	99.1	%	28 - 139 (LCL - UCL)	EPA-8015B/TPHd			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	Batch ID
1	EPA-8015B/TPHd	02/15/12	02/27/12 19:39	MK1	GC-5	1		BVB1754



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-03	Client Sample Name:	7176, U-3-W-120210, 2/10/2012 8:55:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260	ND		1
Bromomethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-03	Client Sample Name:	7176, U-3-W-120210, 2/10/2012 8:55:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260	ND		1
Isopropylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260	ND		1
n-Propylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Styrene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1

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Rancho Cordova, CA 95670

Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-03	Client Sample Name:	7176, U-3-W-120210, 2/10/2012 8:55:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.9	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/14/12	02/14/12 20:12	MGC	MS-V5	1	BVB1004



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-03	Client Sample Name: 7176, U-3-W-120210, 2/10/2012 8:55:00AM					
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)	76.0	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/15/12	02/16/12 02:00	jjh	GC-V4	1	BVB1055



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-03	Client Sample Name: 7176, U-3-W-120210, 2/10/2012 8:55:00AM						
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #	
Diesel Range Organics (C12 - C24)	ND	ug/L	40	EPA-8015B/TPHd	ND		1	
Tetracosane (Surrogate)	117	%	28 - 139 (LCL - UCL)	EPA-8015B/TPHd			1	
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	
1	EPA-8015B/TPHd	02/15/12	02/27/12 19:53	MK1	GC-5	1	BVB1754	



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-04	Client Sample Name:	7176, U-2-W-120210, 2/10/2012 9:20:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Bromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromodichloromethane	ND	ug/L	0.50	EPA-8260	ND		1
Bromoform	ND	ug/L	0.50	EPA-8260	ND		1
Bromomethane	ND	ug/L	1.0	EPA-8260	ND		1
n-Butylbenzene	3.4	ug/L	0.50	EPA-8260	ND		1
sec-Butylbenzene	7.6	ug/L	0.50	EPA-8260	ND		1
tert-Butylbenzene	5.0	ug/L	0.50	EPA-8260	ND		1
Carbon tetrachloride	ND	ug/L	0.50	EPA-8260	ND		1
Chlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Chloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Chloroform	ND	ug/L	0.50	EPA-8260	ND		1
Chloromethane	ND	ug/L	0.50	EPA-8260	ND		1
2-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
4-Chlorotoluene	ND	ug/L	0.50	EPA-8260	ND		1
Dibromochloromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
Dibromomethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-04	Client Sample Name:	7176, U-2-W-120210, 2/10/2012 9:20:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	ND		1
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260	ND		1
Isopropylbenzene	13	ug/L	0.50	EPA-8260	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260	ND		1
Methylene chloride	ND	ug/L	1.0	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Naphthalene	ND	ug/L	0.50	EPA-8260	ND		1
n-Propylbenzene	23	ug/L	0.50	EPA-8260	ND		1
Styrene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Tetrachloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	EPA-8260	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Trichloroethene	ND	ug/L	0.50	EPA-8260	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	EPA-8260	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2,4-Trimethylbenzene	0.51	ug/L	0.50	EPA-8260	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Vinyl chloride	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	1202547-04	Client Sample Name:	7176, U-2-W-120210, 2/10/2012 9:20:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	1200	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	114	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC Batch ID
			Date/Time	Analyst			
1	EPA-8260	02/14/12	02/14/12 20:34	MGC	MS-V5	1	BVB1004



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10969 Trade Center Drive Suite 107
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Reported: 02/28/2012 14:03
Project: 7176
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Project Manager: Laura Heberle

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-04	Client Sample Name: 7176, U-2-W-120210, 2/10/2012 9:20:00AM					
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	1100	ug/L	50	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	85.9	%	70 - 130 (LCL - UCL)	EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	02/15/12	02/16/12 02:22	jjh	GC-V4	1	BVB1055



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

Total Petroleum Hydrocarbons

BCL Sample ID:	1202547-04	Client Sample Name: 7176, U-2-W-120210, 2/10/2012 9:20:00AM						
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #	
Diesel Range Organics (C12 - C24)	270	ug/L	40	EPA-8015B/TPHd	ND	A52	1	
Tetracosane (Surrogate)	97.3	%	28 - 139 (LCL - UCL)	EPA-8015B/TPHd			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	Batch ID
1	EPA-8015B/TPHd	02/15/12	02/27/12 20:08	MK1	GC-5	1.031		BVB1754



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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

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: BVB1004						
Benzene	BVB1004-BLK1	ND	ug/L	0.50		
Bromobenzene	BVB1004-BLK1	ND	ug/L	0.50		
Bromochloromethane	BVB1004-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BVB1004-BLK1	ND	ug/L	0.50		
Bromoform	BVB1004-BLK1	ND	ug/L	0.50		
Bromomethane	BVB1004-BLK1	ND	ug/L	1.0		
n-Butylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
sec-Butylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
tert-Butylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
Carbon tetrachloride	BVB1004-BLK1	ND	ug/L	0.50		
Chlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
Chloroethane	BVB1004-BLK1	ND	ug/L	0.50		
Chloroform	BVB1004-BLK1	ND	ug/L	0.50		
Chloromethane	BVB1004-BLK1	ND	ug/L	0.50		
2-Chlorotoluene	BVB1004-BLK1	ND	ug/L	0.50		
4-Chlorotoluene	BVB1004-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BVB1004-BLK1	ND	ug/L	0.50		
1,2-Dibromo-3-chloropropane	BVB1004-BLK1	ND	ug/L	1.0		
1,2-Dibromoethane	BVB1004-BLK1	ND	ug/L	0.50		
Dibromomethane	BVB1004-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BVB1004-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BVB1004-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BVB1004-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BVB1004-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BVB1004-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BVB1004-BLK1	ND	ug/L	0.50		
Total 1,2-Dichloroethene	BVB1004-BLK1	ND	ug/L	1.0		
1,2-Dichloropropane	BVB1004-BLK1	ND	ug/L	0.50		
1,3-Dichloropropane	BVB1004-BLK1	ND	ug/L	0.50		
2,2-Dichloropropane	BVB1004-BLK1	ND	ug/L	0.50		
1,1-Dichloropropene	BVB1004-BLK1	ND	ug/L	0.50		

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Reported: 02/28/2012 14:03
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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: BVB1004						
cis-1,3-Dichloropropene	BVB1004-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BVB1004-BLK1	ND	ug/L	0.50		
Total 1,3-Dichloropropene	BVB1004-BLK1	ND	ug/L	1.0		
Ethylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
Hexachlorobutadiene	BVB1004-BLK1	ND	ug/L	0.50		
Isopropylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
p-Isopropyltoluene	BVB1004-BLK1	ND	ug/L	0.50		
Methylene chloride	BVB1004-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BVB1004-BLK1	ND	ug/L	0.50		
Naphthalene	BVB1004-BLK1	ND	ug/L	0.50		
n-Propylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
Styrene	BVB1004-BLK1	ND	ug/L	0.50		
1,1,1,2-Tetrachloroethane	BVB1004-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BVB1004-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BVB1004-BLK1	ND	ug/L	0.50		
Toluene	BVB1004-BLK1	ND	ug/L	0.50		
1,2,3-Trichlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
1,2,4-Trichlorobenzene	BVB1004-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BVB1004-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BVB1004-BLK1	ND	ug/L	0.50		
Trichloroethene	BVB1004-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BVB1004-BLK1	ND	ug/L	0.50		
1,2,3-Trichloropropane	BVB1004-BLK1	ND	ug/L	1.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	BVB1004-BLK1	ND	ug/L	0.50		
1,2,4-Trimethylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
1,3,5-Trimethylbenzene	BVB1004-BLK1	ND	ug/L	0.50		
Vinyl chloride	BVB1004-BLK1	ND	ug/L	0.50		
Total Xylenes	BVB1004-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BVB1004-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BVB1004-BLK1	ND	ug/L	10		
Diisopropyl ether	BVB1004-BLK1	ND	ug/L	0.50		
Ethanol	BVB1004-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BVB1004-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BVB1004-BLK1	ND	ug/L	50		

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Reported: 02/28/2012 14:03
Project: 7176
Project Number: 351788
Project Manager: Laura Heberle

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: BVB1004						
1,2-Dichloroethane-d4 (Surrogate)	BVB1004-BLK1	97.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BVB1004-BLK1	98.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BVB1004-BLK1	93.8	%	86 - 115 (LCL - UCL)		



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Project Manager: Laura Heberle

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		Lab Quals
							RPD	Percent Recovery	
QC Batch ID: BVB1004									
Benzene	BVB1004-BS1	LCS	22.930	25.000	ug/L	91.7		70 - 130	
Bromodichloromethane	BVB1004-BS1	LCS	24.700	25.000	ug/L	98.8		70 - 130	
Chlorobenzene	BVB1004-BS1	LCS	25.110	25.000	ug/L	100		70 - 130	
Chloroethane	BVB1004-BS1	LCS	23.650	25.000	ug/L	94.6		70 - 130	
1,4-Dichlorobenzene	BVB1004-BS1	LCS	25.850	25.000	ug/L	103		70 - 130	
1,1-Dichloroethane	BVB1004-BS1	LCS	23.800	25.000	ug/L	95.2		70 - 130	
1,1-Dichloroethene	BVB1004-BS1	LCS	25.250	25.000	ug/L	101		70 - 130	
Toluene	BVB1004-BS1	LCS	23.270	25.000	ug/L	93.1		70 - 130	
Trichloroethene	BVB1004-BS1	LCS	24.500	25.000	ug/L	98.0		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BVB1004-BS1	LCS	9.4900	10.000	ug/L	94.9		76 - 114	
Toluene-d8 (Surrogate)	BVB1004-BS1	LCS	9.9700	10.000	ug/L	99.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BVB1004-BS1	LCS	9.9200	10.000	ug/L	99.2		86 - 115	



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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			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BVB1004		Used client sample: N									
Benzene	MS	1202564-01	ND	23.880	25.000	ug/L		95.5		70 - 130	
	MSD	1202564-01	ND	23.510	25.000	ug/L	1.6	94.0	20	70 - 130	
Bromodichloromethane	MS	1202564-01	ND	22.700	25.000	ug/L		90.8		70 - 130	
	MSD	1202564-01	ND	25.010	25.000	ug/L	9.7	100	20	70 - 130	
Chlorobenzene	MS	1202564-01	ND	25.410	25.000	ug/L		102		70 - 130	
	MSD	1202564-01	ND	25.040	25.000	ug/L	1.5	100	20	70 - 130	
Chloroethane	MS	1202564-01	ND	23.860	25.000	ug/L		95.4		70 - 130	
	MSD	1202564-01	ND	23.620	25.000	ug/L	1.0	94.5	20	70 - 130	
1,4-Dichlorobenzene	MS	1202564-01	ND	25.730	25.000	ug/L		103		70 - 130	
	MSD	1202564-01	ND	25.460	25.000	ug/L	1.1	102	20	70 - 130	
1,1-Dichloroethane	MS	1202564-01	ND	24.310	25.000	ug/L		97.2		70 - 130	
	MSD	1202564-01	ND	24.290	25.000	ug/L	0.1	97.2	20	70 - 130	
1,1-Dichloroethene	MS	1202564-01	ND	26.140	25.000	ug/L		105		70 - 130	
	MSD	1202564-01	ND	25.550	25.000	ug/L	2.3	102	20	70 - 130	
Toluene	MS	1202564-01	ND	23.760	25.000	ug/L		95.0		70 - 130	
	MSD	1202564-01	ND	24.120	25.000	ug/L	1.5	96.5	20	70 - 130	
Trichloroethene	MS	1202564-01	ND	24.430	25.000	ug/L		97.7		70 - 130	
	MSD	1202564-01	ND	24.870	25.000	ug/L	1.8	99.5	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1202564-01	ND	9.4500	10.000	ug/L		94.5		76 - 114	
	MSD	1202564-01	ND	9.8000	10.000	ug/L	3.6	98.0		76 - 114	
Toluene-d8 (Surrogate)	MS	1202564-01	ND	9.9100	10.000	ug/L		99.1		88 - 110	
	MSD	1202564-01	ND	10.200	10.000	ug/L	2.9	102		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1202564-01	ND	9.9100	10.000	ug/L		99.1		86 - 115	
	MSD	1202564-01	ND	9.9200	10.000	ug/L	0.1	99.2		86 - 115	



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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: BVB1055						
Gasoline Range Organics (C4 - C12)	BVB1055-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (FID Surrogate)	BVB1055-BLK1	74.9	%	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 Quals
								Percent Recovery	RPD	
QC Batch ID: BVB1055										
Gasoline Range Organics (C4 - C12)	BVB1055-BS1	LCS	1071.3	1000.0	ug/L	107		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BVB1055-BS1	LCS	34.362	40.000	ug/L	85.9		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	Percent Recovery	<u>Control Limits</u>		
									RPD	Percent Recovery	Lab Quals
QC Batch ID: BVB1055		Used client sample: N									
Gasoline Range Organics (C4 - C12)	MS	1201079-47	ND	1093.9	1000.0	ug/L		109		70 - 130	
	MSD	1201079-47	ND	1129.0	1000.0	ug/L	3.2	113	20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1201079-47	ND	35.011	40.000	ug/L		87.5		70 - 130	
	MSD	1201079-47	ND	37.056	40.000	ug/L	5.7	92.6		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: BVB1754						
Diesel Range Organics (C12 - C24)	BVB1754-BLK1	ND	ug/L	40		
Tetracosane (Surrogate)	BVB1754-BLK1	107	%	28 - 139 (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	Control Limits		Lab Quals
							RPD	Percent Recovery	
QC Batch ID: BVB1754									
Diesel Range Organics (C12 - C24)	BVB1754-BS1	LCS	374.89	500.00	ug/L	75.0		48 - 125	
Tetracosane (Surrogate)	BVB1754-BS1	LCS	22.059	20.000	ug/L	110		28 - 139	



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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	<u>Control Limits</u>		
									RPD	Percent Recovery	Lab Quals
QC Batch ID: BVB1754		Used client sample: N									
Diesel Range Organics (C12 - C24)	MS	1201079-46	ND	258.54	500.00	ug/L		51.7	36 - 130	30	36 - 130
	MSD	1201079-46	ND	359.02	500.00	ug/L	32.5	71.8		Q02	
Tetracosane (Surrogate)	MS	1201079-46	ND	17.915	20.000	ug/L		89.6	28 - 139		
	MSD	1201079-46	ND	21.423	20.000	ug/L	17.8	107	28 - 139		



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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.
Q02	Matrix spike precision is not within the control limits.

ATTACHMENT C

HISTORICAL GROUNDWATER MONITORING AND SAMPLING DATA

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
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	

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
1/24/2003	356.41	14.52	0	341.89	1.01	ND<50	--	--	--	--	--	--	--	--	--
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	

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		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
				Water Elevation (feet)	Change in Elevation (feet)										
1/8/2001	355.03	15.25	0	339.78	0.50	--	ND	--	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	ND
7/6/2001	355.03	15.52	0	339.51	-1.11	ND	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	--	

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

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		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
				Water Elevation (feet)	Change in Elevation (feet)										
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	
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	--	

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)		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
				Water Elevation (feet)	Change in Elevation (feet)										
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	--	--
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	

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		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
				Water Elevation (feet)	Change in Elevation (feet)										
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	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	--	--	--	--	--	--	--	--	--
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	ND	--
7/10/1996	358.13	15.98	0	342.15	-2.78	ND	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	ND	--
1/27/1997	358.13	14.41	0	343.72	3.83	ND	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	ND	--
7/17/1997	358.13	17.54	0	340.59	-1.81	ND	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	ND	--
1/19/1998	358.13	16.67	0	341.46	1.97	68	ND	--	ND	ND	ND	ND	ND	ND	--
1/19/1998	358.13	16.67	0	341.46	1.97	ND	--	--	--	--	--	--	--	--	--

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		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
				Water Elevation (feet)	Change in Elevation (feet)										
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	
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<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<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	

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		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
				Change in Elevation (feet)	TPH-D (feet)										
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 ($\mu\text{g/l}$)	Ethanol (8260B) ($\mu\text{g/l}$)	Ethylene-dibromide (EDB) ($\mu\text{g/l}$)	EDB (504) ($\mu\text{g/l}$)	1,2-DCA (EDC) ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Bromo-benzene ($\mu\text{g/l}$)	Bromo-chloro-methane ($\mu\text{g/l}$)	Bromo-dichloro-methane ($\mu\text{g/l}$)	Bromo-form ($\mu\text{g/l}$)	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	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	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	--	--	--	--	--

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA ($\mu\text{g/l}$)	Ethanol (8260B) ($\mu\text{g/l}$)	Ethylene-dibromide (EDB) ($\mu\text{g/l}$)	EDB (504) ($\mu\text{g/l}$)	1,2-DCA (EDC) ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Bromo-benzene ($\mu\text{g/l}$)	Bromo-chloro-methane ($\mu\text{g/l}$)	Bromo-dichloro-methane ($\mu\text{g/l}$)	Bromo-form ($\mu\text{g/l}$)	Comments
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	--	--	--	--	--
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	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	ND<0.50

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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	--	--	--	--	--

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA ($\mu\text{g/l}$)	Ethanol (8260B) ($\mu\text{g/l}$)	Ethylene-dibromide (EDB) ($\mu\text{g/l}$)	EDB (504) ($\mu\text{g/l}$)	1,2-DCA (EDC) ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Bromo-benzene ($\mu\text{g/l}$)	Bromo-chloro-methane ($\mu\text{g/l}$)	Bromo-dichloro-methane ($\mu\text{g/l}$)	Bromo-form ($\mu\text{g/l}$)	Comments
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<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	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	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	--	--	--	--	--

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA ($\mu\text{g/l}$)	Ethanol (8260B) ($\mu\text{g/l}$)	Ethylene-dibromide (EDB) ($\mu\text{g/l}$)	EDB (504) ($\mu\text{g/l}$)	1,2-DCA (EDC) ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Bromo-benzene ($\mu\text{g/l}$)	Bromo-chloro-methane ($\mu\text{g/l}$)	Bromo-dichloro-methane ($\mu\text{g/l}$)	Bromo-form ($\mu\text{g/l}$)	Comments
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	--	--	--	--	--
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	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	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	--	--	--	--	--

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

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Date Sampled	TBA ($\mu\text{g/l}$)	Ethanol (8260B) ($\mu\text{g/l}$)	Ethylene-dibromide (EDB) ($\mu\text{g/l}$)	EDB (504) ($\mu\text{g/l}$)	1,2-DCA (EDC) ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Bromo-benzene ($\mu\text{g/l}$)	Bromo-chloro-methane ($\mu\text{g/l}$)	Bromo-dichloro-methane ($\mu\text{g/l}$)	Bromo-form ($\mu\text{g/l}$)	Comments
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<0.50	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	ND<0.50

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<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<0.50	ND<1.0
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	--

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
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<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<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<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	--	--	--	--	--	--	--	--	--	--	--	--	--

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
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	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<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<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	--	--	--	--	--	--	--	--	--	--	--	--	--

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
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
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	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<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<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	--	--	--	--	--	--	--	--	--	--	--	--	

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	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<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<0.50	ND<1.0

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloromethane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichlorobenzene (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (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-Dichloropropane (µg/l)	1,3-Dichloropropane (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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloromethane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichlorobenzene (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (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-Dichloropropane (µg/l)	1,3-Dichloropropane (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<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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloromethane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichlorobenzene (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (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-Dichloropropane (µg/l)	1,3-Dichloropropane (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<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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloromethane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichlorobenzene (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (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-Dichloropropane (µg/l)	1,3-Dichloropropane (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<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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloromethane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichlorobenzene (µg/l)	1,3-Dichlorobenzene (µg/l)	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (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-Dichloropropane (µg/l)	1,3-Dichloropropane (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	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane ($\mu\text{g/l}$)	1,1-Dichloropropene ($\mu\text{g/l}$)	cis-1,3-Dichloropropene ($\mu\text{g/l}$)	trans-1,3-Dichloropropene ($\mu\text{g/l}$)	Hexachlorobutadiene ($\mu\text{g/l}$)	Isopropylbenzene ($\mu\text{g/l}$)	p-Isopropyltoluene ($\mu\text{g/l}$)	Methylene chloride ($\mu\text{g/l}$)	Naphthalene ($\mu\text{g/l}$)	n-Propylbenzene ($\mu\text{g/l}$)	Styrene ($\mu\text{g/l}$)	1,1,2-Tetrachloroethane ($\mu\text{g/l}$)	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<1.0	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<1.0	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	

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
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<1.0	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<1.0	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	--	--	--	--	--	--	--	--	--	--	--	--

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

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
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
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	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	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	--	--	--	--	--	--	--	--	--	--	--	--	

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	ND<0.50	ND<0.50	ND<0.50	ND<1.0	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<1.0	ND<0.50	ND<0.50	ND<0.50	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloro- 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-fluoromethane (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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	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-fluoromethane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
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	--	--	--	--	--	--	--	--	--	--	--	--	
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<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<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	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloro- 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- fluoromethane (µg/l)	1,2,3-Trichloro- propane (µg/l)	1,2,4-Trimethyl- benzene (µg/l)	1,3,5-Trimethyl- benzene (µg/l)	Comments
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<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<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	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloro- 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- fluoromethane (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	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	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloro- 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- fluoromethane (µg/l)	1,2,3-Trichloro- propane (µg/l)	1,2,4-Trimethyl- benzene (µg/l)	1,3,5-Trimethyl- benzene (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<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<0.50	ND<1.0	ND<0.50	ND<0.50

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride	Comments ($\mu\text{g/l}$)
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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	--

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride	Comments ($\mu\text{g/l}$)
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	
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	--

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride	Comments ($\mu\text{g/l}$)
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	
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 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride	Comments ($\mu\text{g/l}$)
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-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 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride	Comments ($\mu\text{g/l}$)
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	