Roya C. Kambin
Project Manager
Marketing Business Unit

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

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

Re: Unocal #4186
Union Oil Site 351721
1771 First Street
Livermore, California

I have reviewed the attached report dated August 26, 2011.

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
Project Manager

Attachment: Report

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
http://www.craworld.com

August 26, 2011 Reference No. 060719

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94504

Re: First Semi-Annual 2011
Groundwater Monitoring and Sampling Report
UNOCAL # 4186 (Union Oil Site 351721)
1771 First Street
Livermore, California
Fuel Leak Case No. RO00000436

Dear Mr. Jerry Wickham:

Conestoga-Rovers & Associates (CRA), on behalf of Union Oil Company of California, is submitting this *First Semi-Annual 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1). As of April 8, 2011 ("Effective Date"), ConocoPhillips Company transferred the management of the environmental remediation activities at UNOCAL # 4186 to Union Oil Company of California ("Union Oil"). From the Effective Date forward, Union Oil (or its designees or representatives, including Chevron Environmental Management Company) will manage the day-to-day corrective action/remediation obligations related to the referenced case.

Groundwater monitoring and sampling was performed by TRC Solutions, Inc. (TRC) and their July 1, 2011 *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 of Bakersfield, California. Their July 13, 2011 laboratory report is included as Attachment B. Historical groundwater monitoring and sampling data is included as Attachment C.

RESULTS OF SECOND QUARTER 2011 EVENT

On June 27, 2011, TRC monitored and sampled the site wells per the established schedule.

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction — northwest ; all groundwater zones
- Hydraulic Gradients — Shallow zone: 0.03, Intermediate zone: 0.03, Deep zone: 0.01
- Approximate Depths to Groundwater — Shallow zone: 30 feet below grade (fbg), Intermediate zone: 31 fbg, Deep zone: 31 fbg

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

TABLE A: GROUNDWATER ANALYTICAL DATA

Well ID	*Water Bearing Zone*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*Cr Total (µg/L)*	*Cr VI (µg/L)*	*Ni (µg/L)*
ESLs	***--***	***100***	***1***	***40***	***30***	***20***	***5***	***50***	***11***	***8.2***
U-1	Shallow	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<2.0	<10
U-2	Shallow	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	2.2	<10
U-3	Shallow	**1,400**	**4.9**	<0.50	1.5	<1.0	**39**	--	--	--
U-4	Inter.	<50	<0.50	<0.50	<0.50	<1.0	**14**	<10	<2.0	<10
U-5	Inter.	<50	<0.50	<0.50	<0.50	<1.0	**55**	--	--	--
U-6	Inter.	**2,200**	**22**	2.2	28	3.3	**8.3**	--	--	--
U-7	Inter.	**1,400**	**4.6**	1.4	14	1.4	**33**	--	--	--
U-8	Inter.	**1,700**	**27**	1.8	21	14	1.3	<10	<2.0	<10
U-9	Inter.	**2,400**	**11**	2.6	**55**	11	**65**	<10	<2.0	<10
U-10	Inter.	**7,500**	**420**	**41**	**450**	**730**	**350**	<10	<2.0	<10
U-11	Inter.	**1,100**	**8.3**	<0.50	7.8	<1.0	**3,600**	<10	<2.0	**38**
U-12	Deep	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--

TABLE A: GROUNDWATER ANALYTICAL DATA

Well ID	*Water Bearing Zone*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*Cr Total (µg/L)*	*Cr VI (µg/L)*	*Ni (µg/L)*
U-13	Deep	<50	<0.50	<0.50	<0.50	<1.0	<0.50	25	**25**	<10
U-14	Deep	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--
U-15	Deep	<50	<0.50	<0.50	<0.50	<1.0	<0.50	23	**24**	<10

TPHg Total petroleum hydrocarbons as gasoline
BTEX Benzene, toluene, ethylbenzene, total xylenes
MTBE Methyl tertiary butyl ether
Cr Chromium
Cr VI Hexavalent Chromium
Ni Nickel
µg/L Micrograms per Liter
Inter. Intermediate
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.

Metals Analysis

Groundwater samples from 9 of the 15 wells were analyzed for total California Administrative Manual (CAM)-17 metals, dissolved CAM-17 metals, and dissolved hexavalent chromium (Chromium VI) to assess any byproducts of ozone and magnesium sulfate remedial injections. A reduction in metals analysis was approved by ACEH in a June 23, 2011 email due to low metal concentrations in some wells. Only two of the dissolved metal concentrations within three wells exceeded drinking water environmental screening levels (ESLs)[1]. These concentrations are within historical ranges. Metals concentrations are summarized in Table A above and in Table 1 attached.

CONCLUSIONS AND RECOMMENDATIONS

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

- Constituents of concern (COCs) are TPHg, benzene, MTBE, and TBA

[1] Table A of San Francisco Regional Water Quality Control Board's *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final November 2007 (Revised May 2008).

- Dissolved hydrocarbon concentrations are primarily detected in the intermediate groundwater-bearing zone. Concentrations in the intermediate zone are stable and defined downgradient by wells U-4 and U-5
- Dissolved hydrocarbons in the shallow groundwater-bearing zone are only detected in well U-3, located adjacent to the underground storage tanks (USTs), and are defined downgradient and crossgradient by wells U-1 and U-2. TPHg, benzene, and MTBE in U-3 are decreasing over time and are one to three orders of magnitude less than historical highs
- No dissolved hydrocarbons are detected in the deep groundwater-bearing zone indicating vertical delineation in groundwater
- Dissolved tertiary butyl ether (TBA) concentrations where detected in shallow well U-3 at 9,600 micrograms per liter (µg/L) and in intermediate wells U-9, U-10, and U-11 at a maximum concentration of 6,500 µg/L
- Only two of the dissolved metal concentrations within three wells exceeded ESLs. The concentrations are within historical ranges and are near the applicable ESLs

CRA recommends:

- Continuing semi-annual monitoring and sampling to verify decreasing concentration trends over time
- Continuing monitoring of total and dissolved Chromium VI and nickel, but discontinuing all other metal analysis
- Conducting a degradation analysis using historical concentration trend data to determine timeframes for COCs to reach ESLs

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring
TRC will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

Additional Activity
CRA will present analytical results of a Compound Specific Isotope Analysis performed on samples collected during this groundwater sampling event in an upcoming report. This analysis was performed under the direction of ACEH to help determine the degree of biodegradation of constituents in groundwater.

CONESTOGA-ROVERS
& ASSOCIATES

August 26, 2011 Reference No. 060719

Please contact Ian Hull at 510-420-3344 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

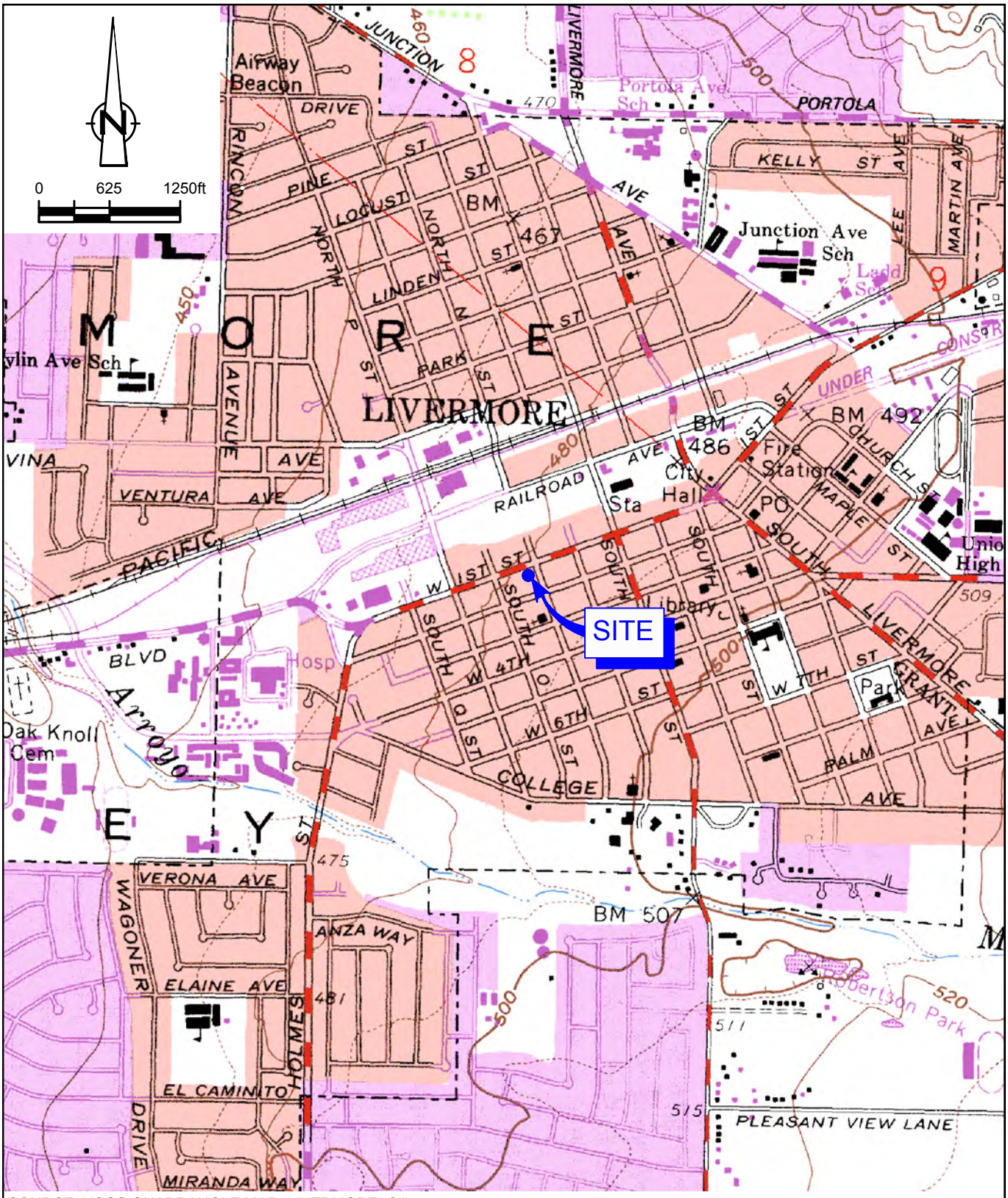
Ian Hull Jim Schneider, PG 7914

IH/mws/2
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map (Shallow Zone)
Figure 3	Groundwater Elevation and Hydrocarbon Concentration Map (Intermediate Zone)
Figure 4	Groundwater Elevation and Hydrocarbon Concentration Map (Deep Zone)
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
Thomas and Celine Vadakkekunnel, Property Owners

FIGURES



SOURCE: USGS QUADRANGLE MAP: LIVERMORE, CA.

Figure 1

VICINITY MAP
UNOCAL # 4186
1771 FIRST STREET
Livermore, California

60719-95(002)GN-WA001 JUL 18/2011

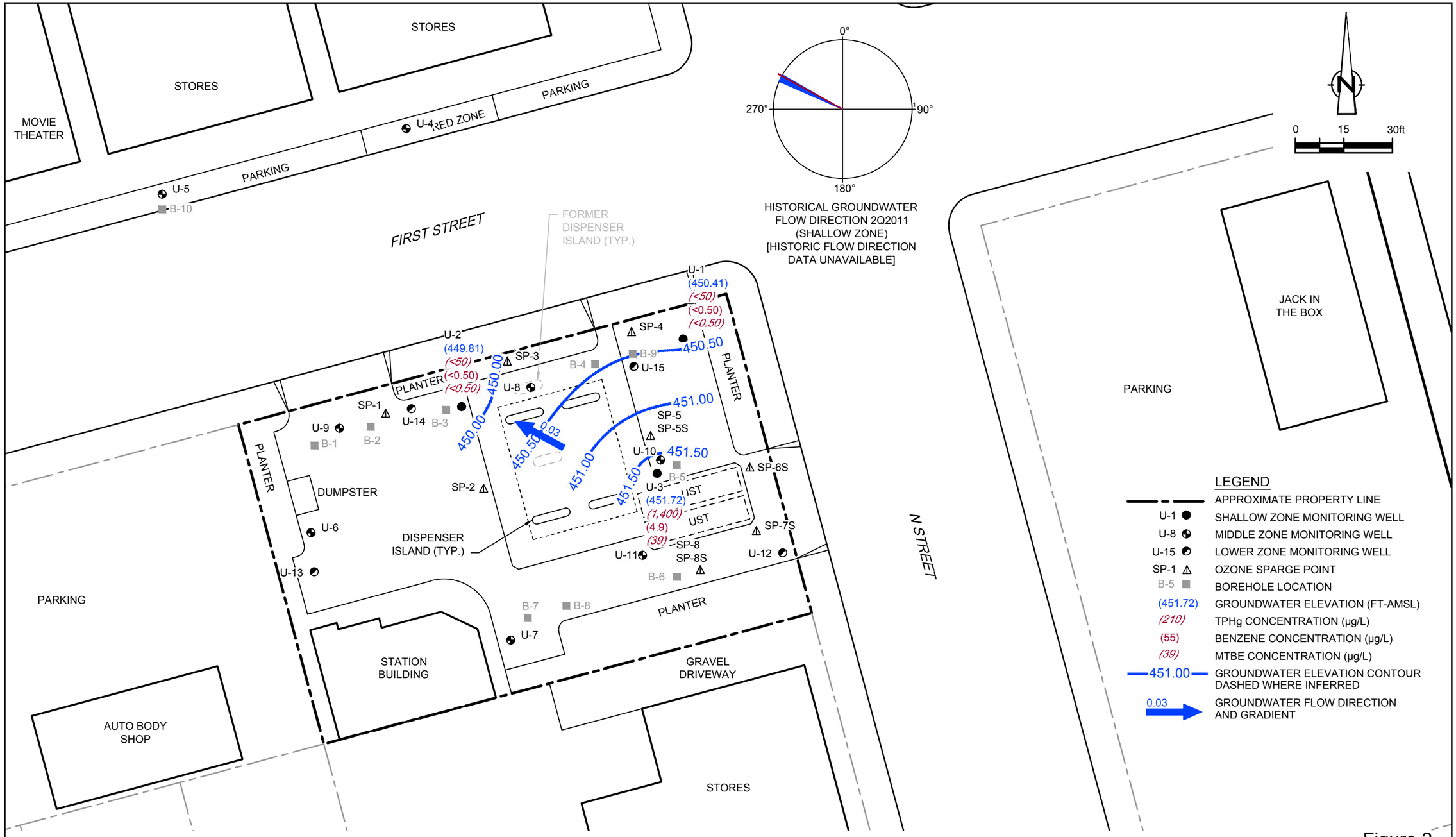


Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP (SHALLOW ZONE) - JUNE 27, 2011
UNOCAL # 4186
1771 FIRST STREET
Livermore, California

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, FIGURE 2, SITE MAP, DATED 12/14/2005.

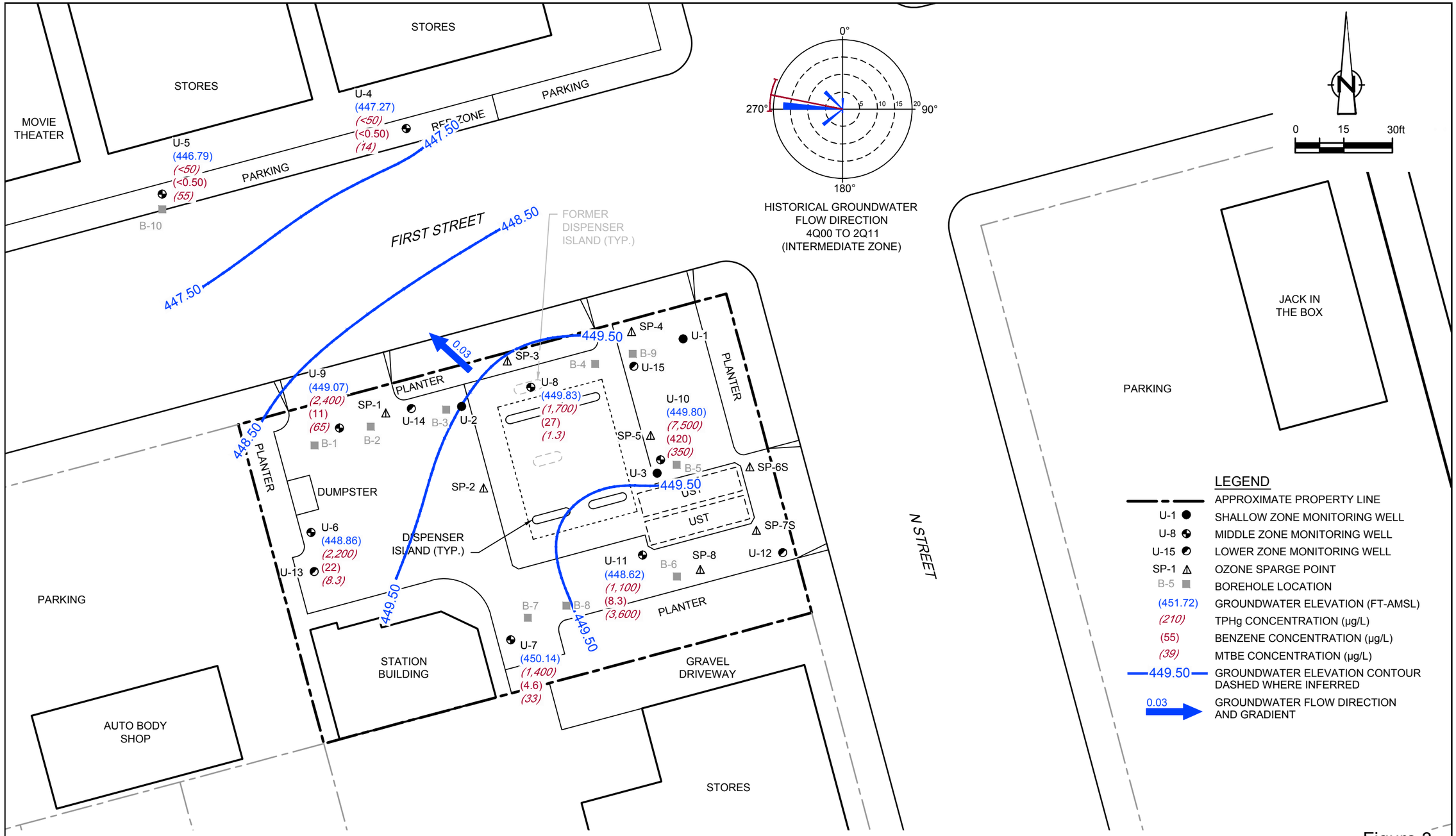


Figure 3

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP (INTERMEDIATE ZONE) - JUNE 27, 2011
UNOCAL # 4186
1771 FIRST STREET
Livermore, California

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, FIGURE 2, SITE MAP, DATED 12/14/2005.

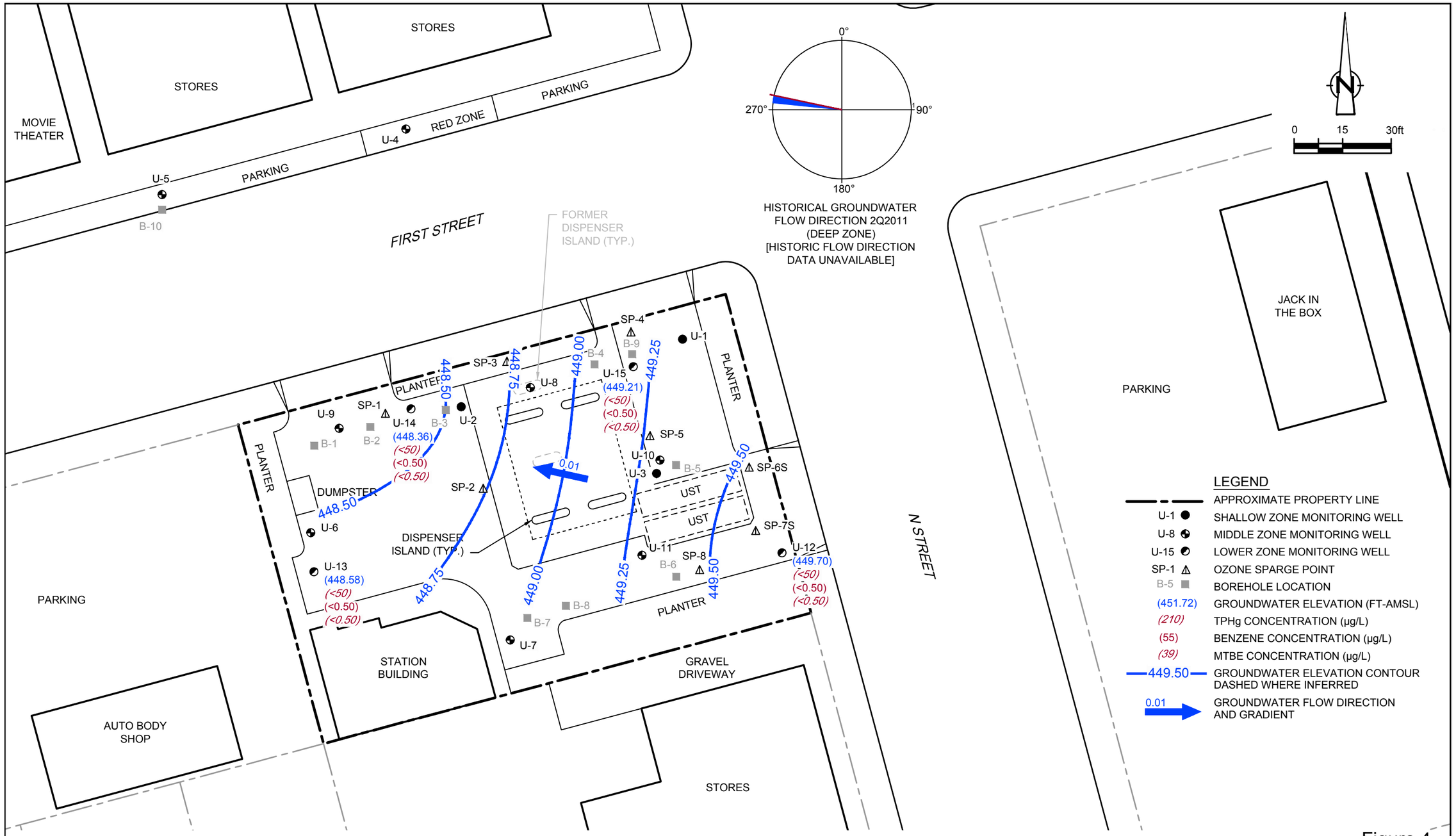


Figure 4

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP (DEEP ZONE) - JUNE 27, 2011
UNOCAL # 4186
1771 FIRST STREET
Livermore, California

SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, FIGURE 2, SITE MAP, DATED 12/14/2005.

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

					HYDROCARBONS	*PRIMARY CONSTITUENTS / PARAMETERS*																
Location	Date	*TOC*	*DTW*	*GWE*	*Total Petro Hydro - Purgeable (GRO)*	*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*	*Nitrate*	*Sulfate*	*Chloride*	*Fluoride*	*Methane*
	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*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*
U-1	**06/27/2011**	**480.29**	**29.88**	**450.41**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**9.3**	**45**	**52**	**0.10**	**0.046**
U-2	**06/27/2011**	**479.45**	**29.64**	**449.81**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**17**	**69**	**24**	**0.11**	**0.0033**
U-3	**06/27/2011**	**480.48**	**28.76**	**451.72**	**1,400**	**4.9**	**<0.50**	**1.5**	**<1.0**	**39**	**<0.50**	**<0.50**	**<0.50**	**9,600**	**<0.50**	**<0.50**	**<250**	**<0.44**	**<1.0**	**-**	**-**	**1.4**
U-4	**06/27/2011**	**478.95**	**31.68**	**447.27**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**14**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**12**	**35**	**43**	**0.13**	**<0.0010**
U-5	**06/27/2011**	**478.52**	**31.73**	**446.79**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**55**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**3.5**	**33**	**-**	**-**	**0.0065**
U-6	**06/27/2011**	**480.40**	**31.54**	**448.86**	**2,200**	**22**	**2.2**	**28**	**3.3**	**8.3**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**<0.44**	**38**	**-**	**-**	**1.3**
U-7	**06/27/2011**	**480.78**	**30.64**	**450.14**	**1,400**	**4.6**	**1.4**	**14**	**1.4**	**33**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**<0.44**	**15**	**-**	**-**	**0.033**
U-8	**06/27/2011**	**480.43**	**30.60**	**449.83**	**1,700**	**27**	**1.8**	**21**	**14**	**1.3**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**<0.44**	**8.7**	**53**	**0.12**	**7.3**
U-9	**06/27/2011**	**479.39**	**30.32**	**449.07**	**2,400**	**11**	**2.6**	**55**	**11**	**65**	**<0.50**	**<0.50**	**<0.50**	**110**	**<0.50**	**<0.50**	**<250**	**<0.44**	**10**	**60**	**0.16**	**4.6**
U-10	**06/27/2011**	**480.51**	**30.71**	**449.80**	**7,500**	**420**	**41**	**450**	**730**	**350**	**<2.5**	**<2.5**	**<2.5**	**2,900**	**<2.5**	**<2.5**	**<1,200**	**<0.44**	**3.4**	**38**	**0.15**	**5.6**
U-11	**06/27/2011**	**480.34**	**31.72**	**448.62**	**1,100**	**8.3**	**<0.50**	**7.8**	**<1.0**	**3,600**	**<0.50**	**<0.50**	**<0.50**	**6,500**	**<0.50**	**<0.50**	**<250**	**<0.88**	**1,000**	**63**	**0.17**	**0.64**
U-12	**06/27/2011**	**480.75**	**31.05**	**449.70**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**22**	**53**	**-**	**-**	**<0.0010**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

					HYDROCARBONS	*PRIMARY CONSTITUENTS / PARAMETERS*																
Location	Date	*TOC*	*DTW*	*GWE*	*Total Petro Hydro - Purgeable (GRO)*	*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*	*Nitrate*	*Sulfate*	*Chloride*	*Fluoride*	*Methane*
	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*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*
U-13	**06/27/2011**	**480.31**	**31.73**	**448.58**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**24**	**53**	**76**	**0.11**	**<0.0010**
U-14	**06/27/2011**	**479.38**	**31.02**	**448.36**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**20**	**38**	**-**	**-**	**0.0050**
U-15	**06/27/2011**	**479.99**	**30.78**	**449.21**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**	**21**	**49**	**77**	**0.090**	**0.0043**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

		METAL																								
Location	Date	Lead	Lead (dissolved)	Magnesium (dissolved)	Manganese (dissolved)	Mercury	Mercury (dissolved)	Molybdenum	Molybdenum (dissolved)	Nickel	Nickel (dissolved)	Potassium (dissolved)	Silver	Silver (dissolved)	Sodium (dissolved)	Thallium	Thallium (dissolved)	Antimony	Antimony (dissolved)	Arsenic	Arsenic (dissolved)	Barium	Barium (dissolved)	Beryllium	Beryllium (dissolved)	Cadmium
	Units	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/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	06/27/2011	<50	<50	90	<10	0.35	<0.20	<50	<50	870	<10	2.7	<10	<10	53	<100	<100	<100	<100	<50	<50	1,100	380	<10	<10	<10
U-2	06/27/2011	<50	<50	81	<10	0.63	<0.20	<50	<50	980	<10	2.3	<10	<10	56	<100	<100	<100	<100	<50	<50	1,200	280	<10	<10	<10
U-3	06/27/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U-4	06/27/2011	<50	<50	87	210	<0.20	<0.20	<50	<50	22	<10	2.3	<10	<10	37	<100	<100	<100	<100	<50	<50	510	460	<10	<10	<10
U-5	06/27/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U-6	06/27/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U-7	06/27/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U-8	06/27/2011	<50	<50	86	2,600	<0.20	<0.20	<50	<50	20	<10	1.9	<10	<10	44	<100	<100	<100	<100	<50	<50	420	320	<10	<10	<10
U-9	06/27/2011	<50	<50	87	2,300	<0.20	<0.20	<50	<50	15	<10	1.6	<10	<10	54	<100	<100	<100	<100	<50	<50	370	290	<10	<10	<10
U-10	06/27/2011	<50	<50	100	2,100	<0.20	<0.20	<50	<50	96	<10	4.8	<10	<10	47	<100	<100	<100	<100	<50	<50	360	280	<10	<10	<10
U-11	06/27/2011	<50	<50	340	7,300	<0.20	<0.20	<50	<50	62	38	2.7	<10	<10	88	<100	<100	<100	<100	<50	<50	240	160	<10	<10	<10
U-12	06/27/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

		METAL																								
Location	Date	Lead	Lead (dissolved)	Magnesium (dissolved)	Manganese (dissolved)	Mercury	Mercury (dissolved)	Molybdenum	Molybdenum (dissolved)	Nickel	Nickel (dissolved)	Potassium (dissolved)	Silver	Silver (dissolved)	Sodium (dissolved)	Thallium	Thallium (dissolved)	Antimony	Antimony (dissolved)	Arsenic	Arsenic (dissolved)	Barium	Barium (dissolved)	Beryllium	Beryllium (dissolved)	Cadmium
	Units	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
U-13	**06/27/2011**	**<50**	**<50**	**61**	**<10**	**<0.20**	**<0.20**	**<50**	**<50**	**<10**	**<10**	**51**	**<10**	**<10**	**95**	**<100**	**<100**	**<100**	**<100**	**<50**	**<50**	**23**	**18**	**<10**	**<10**	**<10**
U-14	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
U-15	**06/27/2011**	**<50**	**<50**	**60**	**<10**	**<0.20**	**<0.20**	**<50**	**<50**	**11**	**<10**	**48**	**<10**	**<10**	**78**	**<100**	**<100**	**<100**	**<100**	**<50**	**<50**	**23**	**15**	**<10**	**<10**	**<10**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

		METAL															*GENERAL CHEMISTRY*	
Location	Date	*Cadmium (dissolved)*	*Chromium*	*Chromium (dissolved)*	*Chromium VI (hexavalent) (dissolved)*	*Cobalt*	*Cobalt (dissolved)*	*Copper*	*Copper (dissolved)*	*Vanadium*	*Vanadium (dissolved)*	*Zinc*	*Zinc (dissolved)*	*Calcium (dissolved)*	*Selenium*	*Selenium (dissolved)*	*Ferrous Iron*	*Total dissolved Solids*
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	mg/L
U-1	**06/27/2011**	**<10**	**330**	**<10**	**<2.0**	**87**	**<50**	**190**	**<10**	**140**	**<10**	**340**	**<10**	**64**	**<100**	**<100**	**<100**	**680**
U-2	**06/27/2011**	**<10**	**360**	**<10**	**2.2**	**93**	**<50**	**220**	**<10**	**160**	**<10**	**370**	**<10**	**54**	**<100**	**<100**	**<100**	**650**
U-3	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3,300**	**-**
U-4	**06/27/2011**	**<10**	**<10**	**<10**	**<2.0**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**63**	**<100**	**<100**	**<100**	**640**
U-5	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<100**	**-**
U-6	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,300**	**-**
U-7	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<100**	**-**
U-8	**06/27/2011**	**<10**	**<10**	**<10**	**<2.0**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**49**	**<100**	**<100**	**280**	**620**
U-9	**06/27/2011**	**<10**	**<10**	**<10**	**<2.0**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**45**	**<100**	**<100**	**470**	**610**
U-10	**06/27/2011**	**<10**	**29**	**<10**	**<2.0**	**<50**	**<50**	**20**	**<10**	**<10**	**<10**	**<50**	**<10**	**50**	**<100**	**<100**	**930**	**660**
U-11	**06/27/2011**	**<10**	**10**	**<10**	**<2.0**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**120**	**<100**	**<100**	**140**	**2,300**
U-12	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<100**	**-**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

		METAL															*GENERAL CHEMISTRY*	
Location	Date	*Cadmium (dissolved)*	*Chromium*	*Chromium (dissolved)*	*Chromium VI (hexavalent) (dissolved)*	*Cobalt*	*Cobalt (dissolved)*	*Copper*	*Copper (dissolved)*	*Vanadium*	*Vanadium (dissolved)*	*Zinc*	*Zinc (dissolved)*	*Calcium (dissolved)*	*Selenium*	*Selenium (dissolved)*	*Ferrous Iron*	*Total dissolved Solids*
	Units	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*mg/L*	*µg/L*	*µg/L*	*µg/L*	*mg/L*
U-13	**06/27/2011**	**<10**	**27**	**25**	**25**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**3.9**	**<100**	**<100**	**<100**	**610**
U-14	**06/27/2011**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**<100**	**-**
U-15	**06/27/2011**	**<10**	**27**	**23**	**24**	**<50**	**<50**	**<10**	**<10**	**<10**	**<10**	**<50**	**<10**	**2.3**	**<100**	**<100**	**<100**	**560**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNOCAL 4186
1771 FIRST STREET
LIVERMORE, 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
mg/L = Milligrams per Liter
GRO = Gasoline Range Organics
VOCS = Volatile Organic Compounds
MTBE = Methyl tert butyl ether
-- = Not available / not applicable
<x = Not detected above laboratory method detection limit

ATTACHMENT A

MONITORING DATA PACKAGE

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: July 1, 2011

TO: Ian Hull
CRA
5900 Hollis Street, Suite A
Emeryville, California 94608

SITE: Unocal Site 4186
Facility 351721
1771 First Street, Livermore, CA

RE: Transmittal of Groundwater Monitoring Data

Dear Mr. Hull,

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 June 21, 2011. 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.

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: Basilio Job #/Task #: 183487.0035.1721 00TA01 Date: 6-27-11

Site # 4186 Project Manager Anju Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-14	✓	0652	71.72	31.02	—	—	1340	4"
U-13	✓	0701	73.05	31.73	—	—	1355	4"
U-4	✓	0709	44.90	31.68	—	—	1420	2"
U-5	✓	0712	46.97	31.73	—	—	1436	2"
U-7	✓	0720	44.35	30.64	—	—	1520	2"
U-9	✓	0728	44.82	30.32	—	—	1537	2"
U-6	✓	0733	41.36	31.54	—	—	1600	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

FIELD MONITORING DATA SHEET

Technician: Rick Rodriguez Job #/Task #: 183487.0035.1721 Date: 6/27/11

Site # 4186 Project Manager A. FARFAN Page 2 of 2

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-12	✓	0645	74.24	31.05	—	—	1335	4"
U-1	✓	0651	34.00	29.88	—	—	1425	2"
U-15	✓	0656	71.53	30.78	—	—	1440	4"
U-2	✓	0701	33.13	29.64	—	—	1520	2"
U-11	✓	0706	44.83	31.72	—	—	1345	2"
U-3	✓	0712	33.43	28.76	—	—	1605	2"
U-8	✓	0717	44.83	30.60	—	—	1500	2"
U-10	✓	0724	47.07	30.71	—	—	1545	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 4186 Project No.: 183487.0035.1721 Date: 6-27-11

Well No. U-14 Purge Method: SUB

Depth to Water (feet): 31.02 Depth to Product (feet): —

Total Depth (feet) 71.72 LPH & Water Recovered (gallons): —

Water Column (feet): 40.70 Casing Diameter (Inches): 4

80% Recharge Depth(feet): 39.16 1 Well Volume (gallons): 28

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.42	127	49.3
1122			28	948.0	15.2	7.48	2.30	111	82.1
			56	947.6	19.6	7.64	1.85	102	23.0
	0852		84	949.2	19.4	7.48	2.38	85	20.5

Static at Time Sampled	Total Gallons Purged	Sample Time
31.02	84	1340

Comments:

Well No. U-13 Purge Method: SUB

Depth to Water (feet): 31.73 Depth to Product (feet): —

Total Depth (feet) 73.05 LPH & Water Recovered (gallons): —

Water Column (feet): 41.32 Casing Diameter (Inches): 4

80% Recharge Depth(feet): 39.99 1 Well Volume (gallons): 28

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.99	64	11.2
0917			28	968.6	20.6	8.47	1.82	66	5.01
			56	970.1	21.4	7.67	1.77	87	5.16
	0950		84	962.9	22.1	7.59	2.05	88	6.28

Static at Time Sampled	Total Gallons Purged	Sample Time
31.74	84	1355

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailw

Site: 4186 Project No.: 183487.0035.1721 Date: 6-27-11

Well No. U-4 Purge Method: SM

Depth to Water (feet): 31.68 Depth to Product (feet): —

Total Depth (feet) 44.90 LPH & Water Recovered (gallons): —

Water Column (feet): 13.22 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 34.32 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.93	90	5.31
1021			3	1156	22.4	7.56	1.83	103	Ex3
			6	1179	20.0	7.43	2.54	106	Ex2
	1027		9	1178	21.9	7.39	2.20	107	Ex2

Static at Time Sampled	Total Gallons Purged	Sample Time
31.90	9	1420

Comments:

Well No. U-5 Purge Method: SM

Depth to Water (feet): 31.73 Depth to Product (feet): —

Total Depth (feet) 46.97 LPH & Water Recovered (gallons): —

Water Column (feet): 15.24 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 34.77 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.25	106	7.02
1046			3	1022	22.4	7.43	0.79	111	Ex2
			6	1106	21.9	7.36	0.49	112	Ex2
	1052		9	1069	22.0	7.44	0.43	100	191

Static at Time Sampled	Total Gallons Purged	Sample Time
31.96	9	1436

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailey

Site: 4186 Project No.: 183487.0035.1721 Date: 6-27-11

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 30.64 Depth to Product (feet): —

Total Depth (feet) 44.35 LPH & Water Recovered (gallons): —

Water Column (feet): 13.71 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.38 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.80	113	23.5
1115			3	1254	23.0	7.33	0.52	10	35.9
	1120		6	1280	24.2	7.27	1.56	-47	34.1
			9	—	—	—	—	—	

Static at Time Sampled	Total Gallons Purged	Sample Time
31.96	6	1520

Comments: Dry at 6 Gls. Did not recover in 45 Min

Well No. MW-9 Purge Method: Sub

Depth to Water (feet): 30.32 Depth to Product (feet): —

Total Depth (feet) 44.82 LPH & Water Recovered (gallons): —

Water Column (feet): 14.50 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.22 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							0.30	-220	14.9
~~1036~~ 1036			3	1027	23.1	7.27	0.41	-242	873
			6	1033	22.4	7.26	0.24	-227	769
	1140		9	—	—	—			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.90	6	1537

Comments: Dry at 6 Gls

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Paulw

Site: 4186 Project No.: 183487.0035.1721 Date: 6-27-11

Well No. U-6 Purge Method: HB

Depth to Water (feet): 31.54 Depth to Product (feet): —

Total Depth (feet) 41.36 LPH & Water Recovered (gallons): —

Water Column (feet): 9.82 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.50 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.13	-153	24.8
1200			2	1693	21.8	7.09	0.87	-174	314
			4	1679	23.1	7.02	1.26	-136	296
	1217		6	1689	24.2	7.03	1.16	-114	207

Static at Time Sampled	Total Gallons Purged	Sample Time
31.70	6	1600

Comments:

Well No. Purge Method:

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

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

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

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

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

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick Rodriguez

Site: 4186 Project No.: 183187.0035.1721 Date: 6/27/11

Well No. U-11 Purge Method: Sub

Depth to Water (feet): 31.72 Depth to Product (feet): —

Total Depth (feet) 44.83 LPH & Water Recovered (gallons): —

Water Column (feet): 13.11 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.34 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.20	174	483
1047			3	1469	21.0	7.23	1.31	176	167
			6	1440	20.9	7.00	1.36	178	70.9
	1054		9	1490	21.0	6.90	1.26	175	68.4

Static at Time Sampled	Total Gallons Purged	Sample Time
31.72	9	1345

Comments:

Well No. U-3 Purge Method: HB

Depth to Water (feet): 28.76 Depth to Product (feet): —

Total Depth (feet) 33.43 LPH & Water Recovered (gallons): —

Water Column (feet): 4.67 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 29.69 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.64	60	28.4
1214			1	972.0	20.7	7.12	1.68	40	273
			2	966.5	20.8	7.00	1.78	25	423
	1220		3	960.0	21.0	6.96	1.80	15	ER2

Static at Time Sampled	Total Gallons Purged	Sample Time
30.30	3	1605

Comments: DID NOT RECOVER IN 2HRS

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick Rodriguez

Site: 4186 Project No.: 183487.0035.1721 Date: 6/27/11

Well No. U-8 Purge Method: Sub

Depth to Water (feet): 30.60 Depth to Product (feet): —

Total Depth (feet) 44.83 LPH & Water Recovered (gallons): —

Water Column (feet): 14.23 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.45 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.73	91	559
1121			3	1233	20.7	7.66	1.61	92	555
			6	1139	20.7	7.49	1.59	90	152
	1127		9	1117	21.0	7.39	1.53	86	154

Static at Time Sampled	Total Gallons Purged	Sample Time
31.05	9	1500

Comments: DRY AT 9 GALS.

Well No. U-10 Purge Method: Sub

Depth to Water (feet): 30.71 Depth to Product (feet): —

Total Depth (feet) 47.07 LPH & Water Recovered (gallons): —

Water Column (feet): 16.36 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.98 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.15	186	198
1202			3	1111	21.9	7.50	0.99	105	147
			6	1124	21.8	7.40	1.03	103	150
	1207		9	1132	21.9	7.26	1.00	97	159

Static at Time Sampled	Total Gallons Purged	Sample Time
31.52	9	1545

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick Rodriguez

Site: 4186 Project No.: 183487.0035.1721 Date: 6/27/11

Well No. U-12 Purge Method: Sub

Depth to Water (feet): 31.05 Depth to Product (feet): —

Total Depth (feet) 74.24 LPH & Water Recovered (gallons): —

Water Column (feet): 43.19 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 39.69 1 Well Volume (gallons): 29

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							3.91	108	ER3
0834			29	950.1	21.0	7.72	5.07	134	124
			58	948.0	20.9	7.61	4.91	145	38.1
	0903		87	950.2	20.7	7.69	4.81	150	29.1

Static at Time Sampled	Total Gallons Purged	Sample Time
31.10	87	1335

Comments:

Well No. U-1 Purge Method: HB

Depth to Water (feet): 29.88 Depth to Product (feet): —

Total Depth (feet) 34.00 LPH & Water Recovered (gallons): —

Water Column (feet): 4.12 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 30.70 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.89	165	~~HORR~~ 48.2
1023			1	1221	21.7	7.26	2.05	171	ER3
			2	1210	21.2	7.46	2.12	171	ER3
	1032		3	1208	21.3	7.30	2.15	172	ER3

Static at Time Sampled	Total Gallons Purged	Sample Time
31.37	3	1425

Comments: DID NOT RECOVER IN 2 HRS.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick Rodriguez

Site: 4186 Project No.: 183487.0035.1721 Date: 6/27/11

Well No. U-15 Purge Method: Sub

Depth to Water (feet): 30.78 Depth to Product (feet): —

Total Depth (feet) 71.53 LPH & Water Recovered (gallons): —

Water Column (feet): 40.75 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 38.93 1 Well Volume (gallons): 28

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							3.76	153	161
0938			28	950.0	21.3	7.86	3.31	158	34.2
			56	948.1	21.2	7.68	3.14	159	16.0
	1007		84	946.0	21.5	7.65	3.15	159	13.9

Static at Time Sampled	Total Gallons Purged	Sample Time
30.80	84	1440

Comments:

Well No. U-2 Purge Method: HB

Depth to Water (feet): 29.64 Depth to Product (feet): —

Total Depth (feet) 33.13 LPH & Water Recovered (gallons): —

Water Column (feet): 3.49 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 30.34 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.79	75	93.9
1137			1	1101	20.5	7.40	4.81	79	ER2
			2	1097	20.5	7.36	4.81	83	ER2
	1146		3	1086	20.5	7.36	4.90	86	ER2

Static at Time Sampled	Total Gallons Purged	Sample Time
31.11	3	1520

Comments: DID NOT RECOVER IN 2 HRS.

TRC

WELL BOX CONDITION REPORT
(NORTHERN CALIFORNIA)

SITE NO. 4186
ADDRESS 1771 First St.
DATE 6/27/11

PERFOMEO BY: Rick Rodriguez

Well Name	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box is Exposed	Well Box is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Comments
U-12	2															12" OK
U-1	2															12" OK
U-15	2															12" OK
U-2	2					X										8"
U-11	2															12" OK
U-3	2															8" OK
U-8	2															12" OK
U-10	2															12" OK

TRC

WELL BOX CONDITION REPORT

SITE NO. 4186

ADDRESS 1771 First St.

DATE 6-27-11

PERFOMED BY: [signature]

PAGE 1 OF 1

Well Name	Current Well Box Size	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box is Exposed	Well Box is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Saw Cut Needed	System Well	USA Marked Well	Repair	Replace	Comments
U-14	2																					12"
U-13	2																					12"
U-4	2																					12"
U-5	2																					12"
U-7	2																					8"
U-9	2																					12"
U-6	2			1																		8"

TRC

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: 4186	Union Oil Consultant: CRA
Site Global ID: T0600101777	Consultant Contact: IAN Hull
Site Address: 1771 First St.	Consultant Phone No.: 510-420-3344
	Sampling Company: TRC
Union Oil PM: Roya Kambin	Sampled By (PRINT): Basilio
Union Oil PM Phone No.: 925-790-6270	Sampler Signature: [signature]
Charge Code: NWRTB-0 351721-0-LAB	BC Laboratories, Inc. Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA Phone No.: (661) 327-4911

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Turnaround Time (TAT): Standard ☐ 24 Hours ☑ 48 Hours ☐ 72 Hours ☐

Special Instructions

ANALYSES REQUIRED

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS, Sulfate, Nitrate, Methane by EPA 8015	BTEX/MTBE/OXYS by EPA 8260B	Ethanol by EPA 8260B, EDB/EDC by 8260B	EPA 8260B Full List with OXYS	Dissolved ferrous iron by SM3500Fe-B	Hexavalent chromium by 6010, TDS by 160.1, Dissolved CAM 17 Metals	Chloride, Fluoride, [illegible]	Dissolved metals (Ca, Na, Mg, K, Mn)	Total Cam 17 metals			Notes / Comments
U-14	W		6-27-11	1340	7		X	X	X		X							
U-13	W		↓	1355	9		↓	↓	↓		↓	X	X	X	X			
U-4	W		↓	1420	9		↓	↓	↓		↓	X	X	X	X			
U-5	W		↓	1436	7		↓	↓	↓		↓							
U-7	W		↓	1520	7		↓	↓	↓		↓							
U-9	W		↓	1537	9		↓	↓	↓		↓	X	X	X	X			
U-6	W		↓	1600	7		↓	↓	↓		↓							
	W																	
	W																	
	W																	
	W																	
	W																	

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time:
[signature]		6.27.11 1815						
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**
RLR [signature]		6.27.11 1815						

CHAIN OF CUSTODY FORM

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

COC ______ of ______

Union Oil Site ID: 4186
Site Global ID: T0600101777
Site Address: 1771 First St Livermore
Union Oil PM: Roya Kambin
Union Oil PM Phone No.: 925-790-6270
Charge Code: NWRTB-0351721-0-LAB

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Union Oil Consultant: CRA
Consultant Contact: IAN Hull
Consultant Phone No.: 510-420-3344
Sampling Company: TRC
Sampled By (PRINT): Vick Rodriguez
Sampler Signature: [signature]

BC Laboratories, Inc.
Project Manager: Molly Meyers
4100 Atlas Court, Bakersfield, CA
Phone No.: (661) 327-4911

ANALYSES REQUIRED

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GCMS / Sulfate, Nitrate, Methane by EPA 8015B	BTEX/MTBE/OXYS by EPA 8260B	Ethanol by EPA 8260B / TBA/EDC/EDB by 8260B	EPA 8260B Full List with OXYS	Dissolved Ferrous Iron by SM 3500	Hexavalent Chromium by 7199, TDS by 160.1, Dissolved CAM Metals	Chloride, Fluoride, Dissolved Metals (Ca, Mg, Na, K, Mn)	Total CAM 17 Metals			Notes / Comments
U-11	W		6/27/11	1345	9		X	X	X		X	X	X	X			
U-3	W		↓	1605	7		↓	↓	↓		↓						
U-8	W		↓	1500	9		↓	↓	↓		↓	X	X	X			
U-10	W		↓	1545	9		↓	↓	↓		↓	X	X	X			
U-12	W		↓	1335	7		↓	↓	↓		↓						
U-1	W		↓	1425	9		↓	↓	↓		↓	X	X	X			
U-15	W		↓	1440	9		↓	↓	↓		↓	X	X	X			
U-2	W		↓	1520	9		↓	↓	↓		↓	X	X	X			
	W																
	W																
	W																
	W																

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time
[signature]	TRC	6/27/11-1700						
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time:**
R. L. R[illegible]	BCL	6-27-11 1815						

* Updated TSR *

TRC SOLUTIONS
TECHNICAL SERVICES REQUEST FORM

23-Jun-11

Site ID: 4186
Address 1771 First Street
City: Livermore
Cross Street: South N St,

Project No.: 183487.0035.1721 / 00TA01
Client: Roya Kambin
Contact #: 925-790-6270
PM: Ian Hull CRA
PM Contact #: 510-420-3344

Total number of wells: 15
Depth to Water (ft.): 33
Min. Well Diameter (in.): 2
Max. Well Diameter (in.): 2
Max. Well Depth (ft): 47
# of Techs, # of Hrs: 1, 6
Travel Time (hrs):

ACTIVITIES:		Frequency	Notes
Gauging:	☑	Semi Q2/Q4	
Purge/Sampling:	☑	Semi Q2/Q4	
No Purge/Sample	☐		

RELATED ACTIVITIES		Note
Drums:	☑	
Other Activities:	☐	
Traffic Control:	☑	City of Livermore

PERMIT INFORMATION:

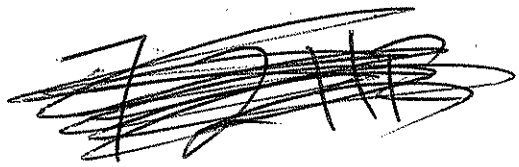
NOTIFICATIONS:

CTV Enterprises: 925-455-0919

SITE INFORMATION:

Take field measurements after each casing volume purged.

Ozone sparge system on site. O&M company is EnvironStrategies. If there are any problems with the system please call Darren Azarian @ 818-968-5864.



TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

23-Jun-11

Site ID: 4186
Address 1771 First Street
City: Livermore
Cross Street: South N St.

Project No.: 183487.0035.1721 / 00TA01
Client: Roya Kambin
Contact #: 925-790-6270
PM: Ian Hull CRA
PM Contact #: 510-420-3344

LAB INFORMATION:

Global ID: T0600101777
Lab WO: 351721

Lab Used: BC Labs

Lab Notes: Lab Analyses for all wells:
TPH-G by GC/MS, BTEX/MTBE/OXYS by 8260B, EDB/EDC by 8260B, Ethanol by 8260B [Containers: 3 voas w/HCl]
Sulfate, Nitrate [Container: one 1L plastic unpreserved]
Dissolved Ferrous Iron by 350FE+B [Container: one 500 mL poly unpreserved]
Methane by EPA 8015B. [containers: 2 unpreserved voas]

Additional Analyses for wells U-1, U-2, U-4, U-8, U-9, U-10, U-11, U-13 and U-15:
Hexavalent Chromium by 6010, TDS by 160.1, Dissolved CAM 17 Metals, Chloride, Fluoride, Dissolved Metals (Ca, Na, Mg, K, Mn) [Container: one 1L plastic unpreserved]
Total CAM 17 Metals [Container: one 1Pt poly w/HNO3]

Additional analsyes for U-3, U-5, U-9, U-10, U-11 only:
CSIA for MTBE and TBA using carbon and hydrogen [Containers: 6 voas w/0.4 g solid phosphate tribasic, dodecahydrate]

Ship the CSIA samples standard overnight to:
Dr. Tomaz Kuder
Dr. Philp's Laboratory
Dept. of Geology/Geophysics, OU
Sec#810
100 E. Boyd
Norman, OK 73019

CRA will provide a COC for your use. Contact Dr. Kuder (405) 325-3253 if you have any questions.

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

23-Jun-11

Site ID.: 4186
Address 1771 First Street
City: Livermore
Cross Street South N St

Well IDs	Benz.	MTBE	Gauging Q1	Gauging Q2	Gauging Q3	Gauging Q4	Sampling Q1	Sampling Q2	Sampling Q3	Sampling Q4	Field Measurements Pre-Purge	Field Measurements Post-Purge	Field Measurements Type	Comments
U-2	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-15	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-14	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-13	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-12	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-1	0	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-4	0	7.5	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-5	0	52	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-11	0	1400	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-7	2.9	13	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-3	5.1	49	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-9	7	4.3	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-8	11	0	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	
U-6	29	12	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	2" casing
U-10	79	98	☐	☑	☐	☑	☐	☑	☐	☑	☑	☑	D.O., ORP, Turbidity	

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 07/13/2011

Ian Hull

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Project:	4186
BC Work Order:	1110046
Invoice ID:	B103706

Enclosed are the results of analyses for samples received by the laboratory on 6/27/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Steven Bennett

Authorized Signature

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form 4
Laboratory / Client Sample Cross Reference 8

Sample Results

1110046-01 - U-14-W-110627
Volatile Organic Analysis (EPA Method 8260) 13
Gas Testing in Water 14
Water Analysis (General Chemistry) 15

1110046-02 - U-13-W-110627
Volatile Organic Analysis (EPA Method 8260) 16
Gas Testing in Water 17
Water Analysis (General Chemistry) 18
Water Analysis (Metals) 19

1110046-03 - U-4-W-110627
Volatile Organic Analysis (EPA Method 8260) 21
Gas Testing in Water 22
Water Analysis (General Chemistry) 23
Water Analysis (Metals) 24

1110046-04 - U-5-W-110627
Volatile Organic Analysis (EPA Method 8260) 26
Gas Testing in Water 27
Water Analysis (General Chemistry) 28

1110046-05 - U-7-W-110627
Volatile Organic Analysis (EPA Method 8260) 29
Gas Testing in Water 30
Water Analysis (General Chemistry) 31

1110046-06 - U-9-W-110627
Volatile Organic Analysis (EPA Method 8260) 32
Gas Testing in Water 33
Water Analysis (General Chemistry) 34
Water Analysis (Metals) 35

1110046-07 - U-6-W-110627
Volatile Organic Analysis (EPA Method 8260) 37
Gas Testing in Water 38
Water Analysis (General Chemistry) 39

1110046-08 - U-11-W-110627
Volatile Organic Analysis (EPA Method 8260) 40
Gas Testing in Water 41
Water Analysis (General Chemistry) 42
Water Analysis (Metals) 43

1110046-09 - U-3-W-110627
Volatile Organic Analysis (EPA Method 8260) 45
Gas Testing in Water 46
Water Analysis (General Chemistry) 47

1110046-10 - U-8-W-110627
Volatile Organic Analysis (EPA Method 8260) 48
Gas Testing in Water 49
Water Analysis (General Chemistry) 50
Water Analysis (Metals) 51

1110046-11 - U-10-W-110627
Volatile Organic Analysis (EPA Method 8260) 53
Gas Testing in Water 54
Water Analysis (General Chemistry) 55
Water Analysis (Metals) 56

Table of Contents

1110046-12 - U-12-W-110627
Volatile Organic Analysis (EPA Method 8260)..... 58
Gas Testing in Water..... 59
Water Analysis (General Chemistry)..... 60
1110046-13 - U-1-W-110627
Volatile Organic Analysis (EPA Method 8260)..... 61
Gas Testing in Water..... 62
Water Analysis (General Chemistry)..... 63
Water Analysis (Metals)..... 64
1110046-14 - U-15-W-110627
Volatile Organic Analysis (EPA Method 8260)..... 66
Gas Testing in Water..... 67
Water Analysis (General Chemistry)..... 68
Water Analysis (Metals)..... 69
1110046-15 - U-2-W-110627
Volatile Organic Analysis (EPA Method 8260)..... 71
Gas Testing in Water..... 72
Water Analysis (General Chemistry)..... 73
Water Analysis (Metals)..... 74

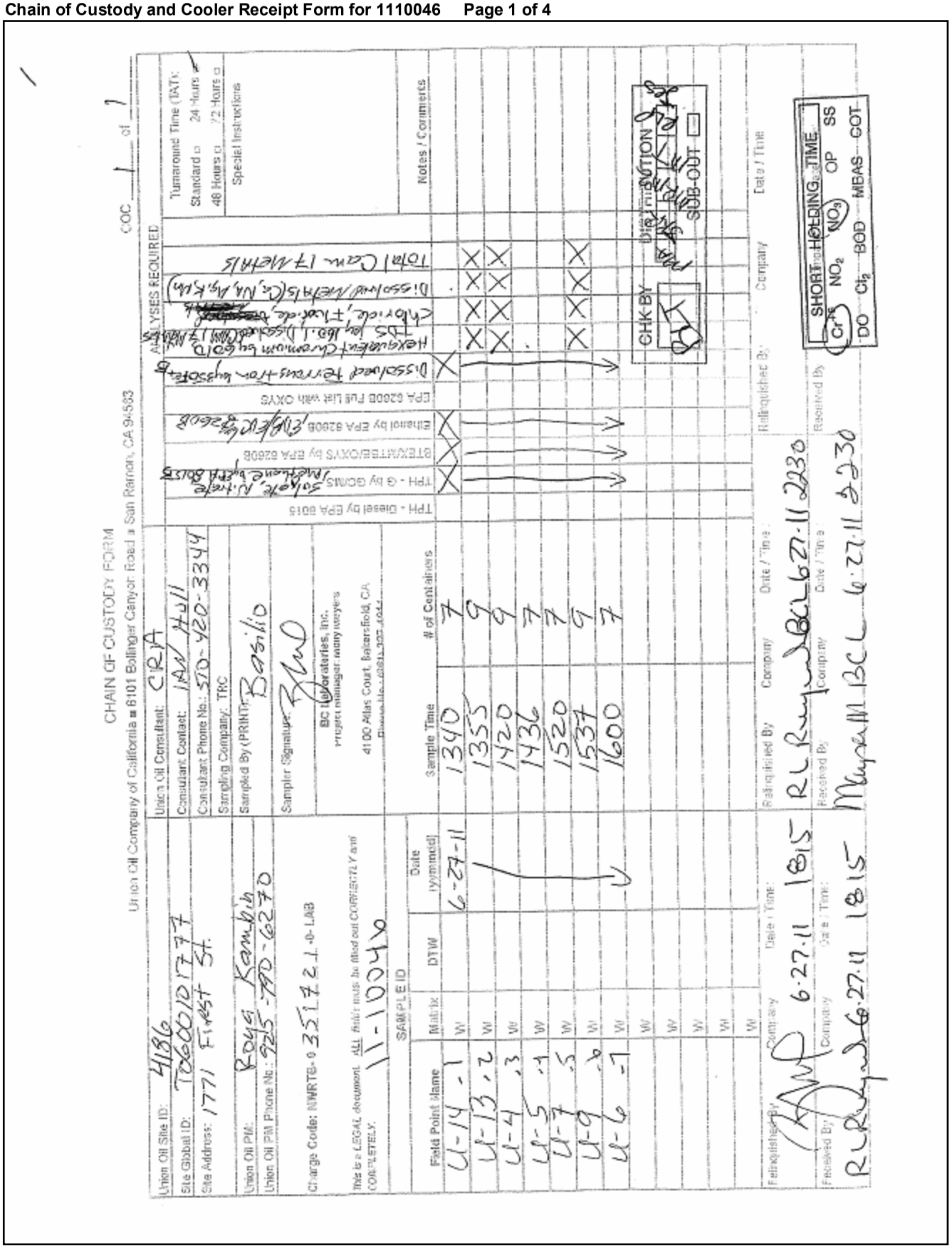
Quality Control Reports

Volatile Organic Analysis (EPA Method 8260)
Method Blank Analysis..... 76
Laboratory Control Sample..... 77
Precision and Accuracy..... 78
Gas Testing in Water
Method Blank Analysis..... 79
Laboratory Control Sample..... 80
Water Analysis (General Chemistry)
Method Blank Analysis..... 81
Laboratory Control Sample..... 82
Precision and Accuracy..... 83
Water Analysis (Metals)
Method Blank Analysis..... 85
Laboratory Control Sample..... 87
Precision and Accuracy..... 89

Notes

Notes and Definitions..... 93

Chain of Custody and Cooler Receipt Form for 1110046 Page 1 of 4



/

CHAIN OF CUSTODY FORM

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

COC ____ of ____

Union Oil Site ID: 4186
Site Global ID: T0600101777
Site Address: 1771 First St Livermore
Union Oil PM: Roya Kambin
Union Oil PM Phone No.: 925-790-6270
Charge Code: NWRTB-0 351721 -0- LAB
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY. 11-10046

Union Oil Consultant: CRA
Consultant Contact: IAN Holl
Consultant Phone No.: 510-420-3344
Sampling Company: TRC
Sampled By (PRINT): Rick Rodriguez
Sampler Signature: [signature]

BC Laboratories, Inc.
Project manager: Molly Meyers
4100 Atlas Court, Bakersfield, CA

Turnaround Time (TAT): Standard X 24 Hours ☐ 48 Hours ☐ 72 Hours ☐
Special Instructions

ANALYSES REQUIRED

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS, Sulfate, Nitrate, Methane by EPA 8015B	BTEX/MTBE/OXYS by EPA 8260B	Ethanol by EPA 8260B, EDB/EDC by 8260B	EPA 8260B Full List with OXYS	Dissolved Ferrous Iron by 3500FE+B	Hexavalent Chromium by 6010, TDS by 160.1, Dissolved CAM 17 Metals	Chloride, Fluoride, Dissolved Metals (Ca, Mg, K, Na)	Total CAM 17 Metals		Notes / Comments
U-11 -8	W		6/27/11	1345	9		X	X	X		X	X	X	X		
U-3 -9	W		↓	1605	7		↓	↓	↓		↓	~~X~~	~~X~~	~~X~~	RR	
U-8 -10	W		↓	1500	9		↓	↓	↓		↓	X	X	X		
U-10 -11	W		↓	1545	9		↓	↓	↓		↓	X	X	X		
U-12 -12	W		↓	1335	7		↓	↓	↓		↓					
U-1 -13	W		↓	1425	9		↓	↓	↓		↓	X	X	X		
U-15 -14	W		↓	1440	9		↓	↓	↓		↓	X	X	X		
U-2 -15	W		↓	1520	9		↓	↓	↓		↓	X	X	X		
	W															
	W															
	W															
	W															

Relinquished By	Company	Date / Time	Relinquished By	Company	Date / Time	Relinquished By	Company	Date / Time
[signature]	TRC	6/27/11 - 1700	RLRey	BCL	6.27.11 2230			
Received By	**Company**	**Date / Time**	**Received By**	**Company**	**Date / Time**	**Received By**	**Company**	**Date / Time**
RLRey	BCL	6-27-11 1815	Maya M	BCL	6-27-11 2230			

Chain of Custody and Cooler Receipt Form for 1110046 Page 3 of 4

SAMPLE RECEIPT FORM

Rev. No. 12 06/24/08 Page 1 Of 2

BC LABORATORIES INC.

Submission #: ~~11-10046~~ 1110046

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)______

SHIPPING CONTAINER
Ice Chest ☐ None ☐
Box ☐ Other ☐ (Specify)______

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: VOA Thermometer ID: 163
Temperature: A 5.2 °C / C 5.2 °C

Date/Time 6-27-11 2230
Analyst Init MIM

SAMPLE CONTAINERS	1	2	3	4	5	6	7	8 (9)	9 (11)	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	C	C D	C D	C	C	C D	B	C	E	
PT PE UNPRESERVED	D	E	E	D	D	D E (comp)	C	D		
QT INORGANIC CHEMICAL METALS		F	F			F				
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	A 3	A 3	A 3	A 3	A 3	A 3	A 3			
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL	B(2)	B(2)	B(2)	B(2)	B(2)	B(2)	B(2)			
40 ml VOA VIAL- ~~504~~										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
Sample Numbering Completed By: [signature] Date/Time: 6/28/11 0630
A = Actual / C = Corrected

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

Chain of Custody and Cooler Receipt Form for 1110046 Page 4 of 4

SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 2 of 2

BC LABORATORIES INC.

Submission #: 11-10046

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity 0.97 Container: VOA Thermometer ID: IR 3

Temperature: A 4.4 °C / C 4.4 °C

Date/Time 6-27-11

Analyst Init MLM 2230

SAMPLE CONTAINERS	SAMPLE NUMBERS 8	9	10	11	12	13	14	15	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	C,D		C,D	C D	C	C D	C D	C D		
PT PE UNPRESERVED	E		E		D	E	E	E		
QT INORGANIC CHEMICAL METALS	F		F	F		F	F	F		
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	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3		
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL	B(2)	B(2)	B(2)	B(2)	B(2)	B(2)	B(2)	B(2)		
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: CAA Date/Time: 6/28/11 0630

(H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD)

A = Actual / C = Corrected

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1110046-01	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 13:40
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-14-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-14
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-02	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 13:55
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-13-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-13
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-03	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 14:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-4-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-4
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1110046-04	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 14:36
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-5-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-5
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-05	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 15:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-7-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-7
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-06	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 15:37
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-9-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-9
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1110046-07	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 16:00
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-6-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-6
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-08	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 13:45
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-11-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-11
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-09	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 16:05
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-3-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-3
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1110046-10	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 15:00
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-8-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-8
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-11	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 15:45
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-10-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-10
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-12	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 13:35
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-12-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-12
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1110046-13	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 14:25
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-1-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-1
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-14	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 14:40
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-15-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-15
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1110046-15	**COC Number:**	---	**Receive Date:** 06/27/2011 22:30
	Project Number:	4186	**Sampling Date:** 06/27/2011 15:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	U-2-W-110627	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600101777
			Location ID (FieldPoint): U-2
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-01 | **Client Sample Name:** 4186, U-14-W-110627, 6/27/2011 1:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 15:18	KEA	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-01 | **Client Sample Name:** 4186, U-14-W-110627, 6/27/2011 1:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0050**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 15:20	KEA	GC-V1	1	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-01 | **Client Sample Name:** 4186, U-14-W-110627, 6/27/2011 1:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**20**	**mg/L**	**0.44**	**EPA-300.0**	ND		1
Sulfate	**38**	**mg/L**	**1.0**	**EPA-300.0**	ND		1
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 10:52	LD1	IC1	1	BUF1771
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-02 | **Client Sample Name:** 4186, U-13-W-110627, 6/27/2011 1:55:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	94.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 14:59	KEA	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-02 | **Client Sample Name:** 4186, U-13-W-110627, 6/27/2011 1:55:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	ND	mg/L	0.0010	RSK-175M	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:52	KEA	GC-V1	1	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-02 | **Client Sample Name:** 4186, U-13-W-110627, 6/27/2011 1:55:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**3.9**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**61**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**95**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**51**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**76**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.11**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	**24**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**53**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**610**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 13:07	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 11:49	LD1	IC1	1	BUF1771
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1743
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-02 | **Client Sample Name:** 4186, U-13-W-110627, 6/27/2011 1:55:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	**25**	**ug/L**	**2.0**	**EPA-7196**	ND		2
Dissolved Barium	**18**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	**25**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**23**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**27**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	ND	ug/L	10	EPA-6010B	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-02 | **Client Sample Name:** 4186, U-13-W-110627, 6/27/2011 1:55:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 13:07	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:31	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 09:46	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:23	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:19	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-03 | **Client Sample Name:** 4186, U-4-W-110627, 6/27/2011 2:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**14**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	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
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)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 07:56	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-03 | **Client Sample Name:** 4186, U-4-W-110627, 6/27/2011 2:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	ND	mg/L	0.0010	RSK-175M	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:48	KEA	GC-V1	1	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-03 | **Client Sample Name:** 4186, U-4-W-110627, 6/27/2011 2:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**63**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**87**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**37**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**2.3**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**43**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.13**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	**12**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**35**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**640**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:37	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 12:03	LD1	IC1	1	BUF1771
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1743
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-03 | **Client Sample Name:** 4186, U-4-W-110627, 6/27/2011 2:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		2
Dissolved Barium	**460**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	**210**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**510**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	ND	ug/L	10	EPA-6010B	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**22**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-03 | **Client Sample Name:** 4186, U-4-W-110627, 6/27/2011 2:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:37	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:31	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 09:48	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:35	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:21	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-04 | **Client Sample Name:** 4186, U-5-W-110627, 6/27/2011 2:36:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**55**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	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
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)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.3	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 07:37	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-04 | **Client Sample Name:** 4186, U-5-W-110627, 6/27/2011 2:36:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0065**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:44	KEA	GC-V1	1	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-04 | **Client Sample Name:** 4186, U-5-W-110627, 6/27/2011 2:36:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**3.5**	**mg/L**	**0.44**	**EPA-300.0**	ND		1
Sulfate	**33**	**mg/L**	**1.0**	**EPA-300.0**	ND		1
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 12:16	LD1	IC1	1	BUF1771
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-05 | **Client Sample Name:** 4186, U-7-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**4.6**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**14**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**33**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	**1.4**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Total Xylenes	**1.4**	**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
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**1400**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.3	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 07:19	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-05 | **Client Sample Name:** 4186, U-7-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.033**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:40	KEA	GC-V1	1	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-05 | **Client Sample Name:** 4186, U-7-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		1
Sulfate	**15**	**mg/L**	**1.0**	**EPA-300.0**	ND		1
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 12:30	LD1	IC1	1	BUF1771
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-06 | **Client Sample Name:** 4186, U-9-W-110627, 6/27/2011 3:37:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**11**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**55**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**65**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	**2.6**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Total Xylenes	**11**	**ug/L**	**1.0**	**EPA-8260**	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	**110**	**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
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**2400**	**ug/L**	**100**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	94.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	88.5	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	95.2	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 07:00	JMC	MS-V12	1	BUF1794
2	EPA-8260	06/28/11	06/30/11 16:14	KEA	MS-V12	2	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-06 | **Client Sample Name:** 4186, U-9-W-110627, 6/27/2011 3:37:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**4.6**	**mg/L**	**0.050**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:37	KEA	GC-V1	50	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-06 | **Client Sample Name:** 4186, U-9-W-110627, 6/27/2011 3:37:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**45**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**87**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**54**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**1.6**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**60**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.16**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		2
Sulfate	**10**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**610**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	**470**	**ug/L**	**100**	**SM-3500-FeD**	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:40	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 13:10	LD1	IC1	1	BUF1771
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1743
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-06 | **Client Sample Name:** 4186, U-9-W-110627, 6/27/2011 3:37:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		2
Dissolved Barium	**290**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	**2300**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**370**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	ND	ug/L	10	EPA-6010B	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**15**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-06 | **Client Sample Name:** 4186, U-9-W-110627, 6/27/2011 3:37:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:40	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:31	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 09:50	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:37	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:23	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-07 | **Client Sample Name:** 4186, U-6-W-110627, 6/27/2011 4:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**22**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**28**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**8.3**	**ug/L**	**0.50**	**EPA-8260**	ND		2
Toluene	**2.2**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Total Xylenes	**3.3**	**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
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**2200**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	95.5	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.7	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	92.3	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	92.5	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 06:42	JMC	MS-V12	1	BUF1794
2	EPA-8260	06/28/11	07/01/11 03:55	KEA	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-07 | **Client Sample Name:** 4186, U-6-W-110627, 6/27/2011 4:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**1.3**	**mg/L**	**0.020**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:27	KEA	GC-V1	20	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-07 | **Client Sample Name:** 4186, U-6-W-110627, 6/27/2011 4:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		1
Sulfate	**38**	**mg/L**	**1.0**	**EPA-300.0**	ND		1
Iron (II) Species, Dissolved	**2300**	**ug/L**	**100**	**SM-3500-FeD**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 13:24	LD1	IC1	1	BUF1771
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-08 | **Client Sample Name:** 4186, U-11-W-110627, 6/27/2011 1:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**8.3**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**7.8**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**3600**	**ug/L**	**25**	**EPA-8260**	ND	**A01**	2
Toluene	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	**6500**	**ug/L**	**20**	**EPA-8260**	ND	**A01**	3
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**1100**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			2
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			3
Toluene-d8 (Surrogate)	93.5	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.1	%	88 - 110 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	92.7	%	88 - 110 (LCL - UCL)	EPA-8260			3
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 06:24	JMC	MS-V12	1	BUF1794
2	EPA-8260	06/28/11	07/01/11 15:15	JMC	MS-V12	50	BUF1794
3	EPA-8260	06/28/11	06/30/11 15:37	KEA	MS-V12	2	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-08 | **Client Sample Name:** 4186, U-11-W-110627, 6/27/2011 1:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.64**	**mg/L**	**0.010**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:19	KEA	GC-V1	10	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-08 | **Client Sample Name:** 4186, U-11-W-110627, 6/27/2011 1:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**120**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**340**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**88**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**2.7**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**63**	**mg/L**	**1.0**	**EPA-300.0**	ND	**A01**	2
Fluoride	**0.17**	**mg/L**	**0.10**	**EPA-300.0**	ND	**A01**	2
Nitrate as NO3	ND	mg/L	0.88	EPA-300.0	ND	A01	2
Sulfate	**1000**	**mg/L**	**5.0**	**EPA-300.0**	ND	**A01**	3
Total Dissolved Solids @ 180 C	**2300**	**mg/L**	**100**	**EPA-160.1**	ND		4
Iron (II) Species, Dissolved	**140**	**ug/L**	**100**	**SM-3500-FeD**	ND		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:42	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 13:37	LD1	IC1	2	BUF1771
3	EPA-300.0	06/28/11	06/28/11 20:23	LRS	IC1	5	BUF1771
4	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	10	BUF1743
5	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-08 | **Client Sample Name:** 4186, U-11-W-110627, 6/27/2011 1:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		2
Dissolved Barium	**160**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	**7300**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	**38**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**240**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**10**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**62**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-08 | **Client Sample Name:** 4186, U-11-W-110627, 6/27/2011 1:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:42	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:48	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 09:57	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:39	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:29	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-09 | **Client Sample Name:** 4186, U-3-W-110627, 6/27/2011 4:05:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**4.9**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**1.5**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**39**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	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	**9600**	**ug/L**	**20**	**EPA-8260**	ND	**A01**	2
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**1400**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	93.1	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	81.7	%	88 - 110 (LCL - UCL)	EPA-8260		S09	2
4-Bromofluorobenzene (Surrogate)	93.4	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	94.9	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 06:05	JMC	MS-V12	1	BUF1794
2	EPA-8260	06/28/11	06/30/11 15:55	KEA	MS-V12	2	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-09 | **Client Sample Name:** 4186, U-3-W-110627, 6/27/2011 4:05:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**1.4**	**mg/L**	**0.020**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:11	KEA	GC-V1	20	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-09 | **Client Sample Name:** 4186, U-3-W-110627, 6/27/2011 4:05:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		1
Sulfate	ND	mg/L	1.0	EPA-300.0	ND		1
Iron (II) Species, Dissolved	**3300**	**ug/L**	**100**	**SM-3500-FeD**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 21:31	LRS	IC1	1	BUF1771
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-10 | **Client Sample Name:** 4186, U-8-W-110627, 6/27/2011 3:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**27**	**ug/L**	**0.50**	**EPA-8260**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**21**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	**1.3**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Toluene	**1.8**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Total Xylenes	**14**	**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
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**1700**	**ug/L**	**100**	**Luft-GC/MS**	ND	**A01**	2
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	94.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	90.4	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	94.4	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 14:40	KEA	MS-V12	1	BUF1794
2	EPA-8260	06/28/11	06/30/11 04:33	JMC	MS-V12	2	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-10 | **Client Sample Name:** 4186, U-8-W-110627, 6/27/2011 3:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**7.3**	**mg/L**	**0.050**	**RSK-175M**	ND	**A01,S01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 14:03	KEA	GC-V1	50	BUF1723

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-10 | **Client Sample Name:** 4186, U-8-W-110627, 6/27/2011 3:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**49**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**86**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**44**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**1.9**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**53**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.12**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		2
Sulfate	**8.7**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**620**	**mg/L**	**50**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	**280**	**ug/L**	**100**	**SM-3500-FeD**	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:06	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 14:04	LD1	IC1	1	BUF1771
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	5	BUF1743
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1711

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-10 | **Client Sample Name:** 4186, U-8-W-110627, 6/27/2011 3:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		2
Dissolved Barium	**320**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	**2600**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**420**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	ND	ug/L	10	EPA-6010B	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**20**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-10 | **Client Sample Name:** 4186, U-8-W-110627, 6/27/2011 3:00:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:06	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:48	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 09:59	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:41	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:32	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-11 | **Client Sample Name:** 4186, U-10-W-110627, 6/27/2011 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**420**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
1,2-Dibromoethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethylbenzene	**450**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
Methyl t-butyl ether	**350**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
Toluene	**41**	**ug/L**	**2.5**	**EPA-8260**	ND	**A01**	1
Total Xylenes	**730**	**ug/L**	**5.0**	**EPA-8260**	ND	**A01**	1
t-Amyl Methyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
t-Butyl alcohol	**2900**	**ug/L**	**50**	**EPA-8260**	ND	**A01**	1
Diisopropyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	1200	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**7500**	**ug/L**	**250**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.8	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.4	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 04:14	JMC	MS-V12	5	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-11 | **Client Sample Name:** 4186, U-10-W-110627, 6/27/2011 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**5.6**	**mg/L**	**0.050**	**RSK-175M**	ND	**A01,S01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 13:20	KEA	GC-V1	50	BUF1722

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-11 | **Client Sample Name:** 4186, U-10-W-110627, 6/27/2011 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**50**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**100**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**47**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**4.8**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**38**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.15**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		2
Sulfate	**3.4**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**660**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	**930**	**ug/L**	**100**	**SM-3500-FeD**	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:08	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 14:45	LRS	IC1	1	BUF1772
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1744
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1712

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-11 | **Client Sample Name:** 4186, U-10-W-110627, 6/27/2011 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND	S05	2
Dissolved Barium	**280**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	**2100**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**360**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**29**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	**20**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**96**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-11 | **Client Sample Name:** 4186, U-10-W-110627, 6/27/2011 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:08	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/29/11	06/29/11 11:43	TDC	KONE-1	1	BUF1851
3	EPA-7470A	06/29/11	07/01/11 10:01	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:49	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:34	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-12 | **Client Sample Name:** 4186, U-12-W-110627, 6/27/2011 1:35:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 05:47	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-12 | **Client Sample Name:** 4186, U-12-W-110627, 6/27/2011 1:35:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	ND	mg/L	0.0010	RSK-175M	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 13:00	KEA	GC-V1	1	BUF1722

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-12 | **Client Sample Name:** 4186, U-12-W-110627, 6/27/2011 1:35:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**22**	**mg/L**	**0.44**	**EPA-300.0**	ND		1
Sulfate	**53**	**mg/L**	**1.0**	**EPA-300.0**	ND		1
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/28/11	06/28/11 16:06	LRS	IC1	1	BUF1772
2	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1712

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-13 | **Client Sample Name:** 4186, U-1-W-110627, 6/27/2011 2:25:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.3	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 05:28	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-13 | **Client Sample Name:** 4186, U-1-W-110627, 6/27/2011 2:25:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.046**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 12:56	KEA	GC-V1	1	BUF1722

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-13 | **Client Sample Name:** 4186, U-1-W-110627, 6/27/2011 2:25:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**64**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**90**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**53**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**2.7**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**52**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.10**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	**9.3**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**45**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**680**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:10	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 16:20	LRS	IC1	1	BUF1772
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1744
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1712

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-13 | **Client Sample Name:** 4186, U-1-W-110627, 6/27/2011 2:25:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		2
Dissolved Barium	**380**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**1100**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**330**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	**87**	**ug/L**	**50**	**EPA-6010B**	ND		4
Total Copper	**190**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	**0.35**	**ug/L**	**0.20**	**EPA-7470A**	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**870**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-13 | **Client Sample Name:** 4186, U-1-W-110627, 6/27/2011 2:25:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	**140**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Zinc	**340**	**ug/L**	**50**	**EPA-6010B**	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:10	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:48	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 10:03	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:50	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:36	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-14 | **Client Sample Name:** 4186, U-15-W-110627, 6/27/2011 2:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.8	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 05:10	JMC	MS-V12	1	BUF1794

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-14 | **Client Sample Name:** 4186, U-15-W-110627, 6/27/2011 2:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0043**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 12:53	KEA	GC-V1	1	BUF1722

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-14 | **Client Sample Name:** 4186, U-15-W-110627, 6/27/2011 2:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**2.3**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**60**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**78**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**48**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**77**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.090**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	**21**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**49**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**560**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:12	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 16:33	LRS	IC1	1	BUF1772
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1744
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1712

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-14 | **Client Sample Name:** 4186, U-15-W-110627, 6/27/2011 2:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	**24**	**ug/L**	**2.0**	**EPA-7196**	ND		2
Dissolved Barium	**15**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	**23**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**23**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**27**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	ND	ug/L	50	EPA-6010B	ND		4
Total Copper	ND	ug/L	10	EPA-6010B	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	ND	ug/L	0.20	EPA-7470A	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**11**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-14 | **Client Sample Name:** 4186, U-15-W-110627, 6/27/2011 2:40:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	ND	ug/L	10	EPA-6010B	ND		4
Total Zinc	ND	ug/L	50	EPA-6010B	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:12	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:48	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 10:05	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:52	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:38	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1110046-15 | **Client Sample Name:** 4186, U-2-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	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
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)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	91.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/28/11	06/30/11 04:51	JMC	MS-V12	1	BUF1728

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

BCL Sample ID: 1110046-15 | **Client Sample Name:** 4186, U-2-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0033**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	06/28/11	06/28/11 12:49	KEA	GC-V1	1	BUF1722

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

BCL Sample ID: 1110046-15 | **Client Sample Name:** 4186, U-2-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Calcium	**54**	**mg/L**	**0.10**	**EPA-6010B**	ND		1
Dissolved Magnesium	**81**	**mg/L**	**0.050**	**EPA-6010B**	ND		1
Dissolved Sodium	**56**	**mg/L**	**0.50**	**EPA-6010B**	ND		1
Dissolved Potassium	**2.3**	**mg/L**	**1.0**	**EPA-6010B**	ND		1
Chloride	**24**	**mg/L**	**0.50**	**EPA-300.0**	ND		2
Fluoride	**0.11**	**mg/L**	**0.050**	**EPA-300.0**	ND		2
Nitrate as NO3	**17**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**69**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Total Dissolved Solids @ 180 C	**650**	**mg/L**	**33**	**EPA-160.1**	ND		3
Iron (II) Species, Dissolved	ND	ug/L	100	SM-3500-FeD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:15	ARD	PE-OP1	1	BUF1755
2	EPA-300.0	06/28/11	06/28/11 16:47	LRS	IC1	1	BUF1772
3	EPA-160.1	06/28/11	06/28/11 15:00	JES2	MANUAL	3.333	BUF1744
4	SM-3500-FeD	06/28/11	06/28/11 00:30	MRM2	MANUAL	1	BUF1712

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-15 | **Client Sample Name:** 4186, U-2-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Dissolved Antimony	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Arsenic	ND	ug/L	50	EPA-6010B	ND		1
Hexavalent Chromium	**2.2**	**ug/L**	**2.0**	**EPA-7196**	ND		2
Dissolved Barium	**280**	**ug/L**	**10**	**EPA-6010B**	ND		1
Dissolved Beryllium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cadmium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Cobalt	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Copper	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Lead	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Manganese	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Mercury	ND	ug/L	0.20	EPA-7470A	ND		3
Dissolved Molybdenum	ND	ug/L	50	EPA-6010B	ND		1
Dissolved Nickel	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Selenium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Silver	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Thallium	ND	ug/L	100	EPA-6010B	ND		1
Dissolved Vanadium	ND	ug/L	10	EPA-6010B	ND		1
Dissolved Zinc	ND	ug/L	10	EPA-6010B	ND		1
Total Antimony	ND	ug/L	100	EPA-6010B	ND		4
Total Arsenic	ND	ug/L	50	EPA-6010B	ND		4
Total Barium	**1200**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Beryllium	ND	ug/L	10	EPA-6010B	ND		4
Total Cadmium	ND	ug/L	10	EPA-6010B	ND		4
Total Chromium	**360**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Cobalt	**93**	**ug/L**	**50**	**EPA-6010B**	ND		4
Total Copper	**220**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Lead	ND	ug/L	50	EPA-6010B	ND		4
Total Mercury	**0.63**	**ug/L**	**0.20**	**EPA-7470A**	ND		5
Total Molybdenum	ND	ug/L	50	EPA-6010B	ND		4
Total Nickel	**980**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Selenium	ND	ug/L	100	EPA-6010B	ND		4
Total Silver	ND	ug/L	10	EPA-6010B	ND		4

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

BCL Sample ID: 1110046-15 | **Client Sample Name:** 4186, U-2-W-110627, 6/27/2011 3:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Thallium	ND	ug/L	100	EPA-6010B	ND		4
Total Vanadium	**160**	**ug/L**	**10**	**EPA-6010B**	ND		4
Total Zinc	**370**	**ug/L**	**50**	**EPA-6010B**	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	06/28/11	06/28/11 12:15	ARD	PE-OP1	1	BUF1755
2	EPA-7196	06/28/11	06/28/11 08:48	TDC	KONE-1	1	BUF1800
3	EPA-7470A	06/29/11	07/01/11 10:08	MEV	CETAC1	1	BUF1850
4	EPA-6010B	06/28/11	06/29/11 11:54	ARD	PE-OP1	1	BUF1756
5	EPA-7470A	06/28/11	06/29/11 11:40	MEV	CETAC1	1	BUF1784

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

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: BUF1728						
Benzene	BUF1728-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUF1728-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUF1728-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUF1728-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUF1728-BLK1	ND	ug/L	0.50		
Toluene	BUF1728-BLK1	ND	ug/L	0.50		
Total Xylenes	BUF1728-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUF1728-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUF1728-BLK1	ND	ug/L	10		
Diisopropyl ether	BUF1728-BLK1	ND	ug/L	0.50		
Ethanol	BUF1728-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUF1728-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUF1728-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUF1728-BLK1	107	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUF1728-BLK1	94.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUF1728-BLK1	102	%	86 - 115 (LCL - UCL)		
QC Batch ID: BUF1794						
Benzene	BUF1794-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUF1794-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUF1794-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUF1794-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUF1794-BLK1	ND	ug/L	0.50		
Toluene	BUF1794-BLK1	ND	ug/L	0.50		
Total Xylenes	BUF1794-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUF1794-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUF1794-BLK1	ND	ug/L	10		
Diisopropyl ether	BUF1794-BLK1	ND	ug/L	0.50		
Ethanol	BUF1794-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUF1794-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUF1794-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUF1794-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUF1794-BLK1	96.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUF1794-BLK1	102	%	86 - 115 (LCL - UCL)		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUF1728										
Benzene	BUF1728-BS1	LCS	19.510	25.000	ug/L	78.0		70 - 130		
Toluene	BUF1728-BS1	LCS	21.470	25.000	ug/L	85.9		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BUF1728-BS1	LCS	10.320	10.000	ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BUF1728-BS1	LCS	10.030	10.000	ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUF1728-BS1	LCS	9.9000	10.000	ug/L	99.0		86 - 115		
QC Batch ID: BUF1794										
Benzene	BUF1794-BS1	LCS	24.310	25.000	ug/L	97.2		70 - 130		
Toluene	BUF1794-BS1	LCS	27.500	25.000	ug/L	110		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BUF1794-BS1	LCS	9.9700	10.000	ug/L	99.7		76 - 114		
Toluene-d8 (Surrogate)	BUF1794-BS1	LCS	10.210	10.000	ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUF1794-BS1	LCS	9.9700	10.000	ug/L	99.7		86 - 115		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1728	Used client sample: N										
Benzene	MS	1110024-02	ND	22.730	25.000	ug/L		90.9		70 - 130	
	MSD	1110024-02	ND	22.590	25.000	ug/L	0.6	90.4	20	70 - 130	
Toluene	MS	1110024-02	ND	24.920	25.000	ug/L		99.7		70 - 130	
	MSD	1110024-02	ND	25.330	25.000	ug/L	1.6	101	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1110024-02	ND	10.290	10.000	ug/L		103		76 - 114	
	MSD	1110024-02	ND	10.090	10.000	ug/L	2.0	101		76 - 114	
Toluene-d8 (Surrogate)	MS	1110024-02	ND	10.140	10.000	ug/L		101		88 - 110	
	MSD	1110024-02	ND	9.9800	10.000	ug/L	1.6	99.8		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1110024-02	ND	10.000	10.000	ug/L		100		86 - 115	
	MSD	1110024-02	ND	10.130	10.000	ug/L	1.3	101		86 - 115	
QC Batch ID: BUF1794	Used client sample: N										
Benzene	MS	1110024-05	ND	22.180	25.000	ug/L		88.7		70 - 130	
	MSD	1110024-05	ND	21.500	25.000	ug/L	3.1	86.0	20	70 - 130	
Toluene	MS	1110024-05	ND	24.340	25.000	ug/L		97.4		70 - 130	
	MSD	1110024-05	ND	23.760	25.000	ug/L	2.4	95.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1110024-05	ND	10.200	10.000	ug/L		102		76 - 114	
	MSD	1110024-05	ND	10.270	10.000	ug/L	0.7	103		76 - 114	
Toluene-d8 (Surrogate)	MS	1110024-05	ND	10.200	10.000	ug/L		102		88 - 110	
	MSD	1110024-05	ND	10.170	10.000	ug/L	0.3	102		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1110024-05	ND	10.020	10.000	ug/L		100		86 - 115	
	MSD	1110024-05	ND	10.050	10.000	ug/L	0.3	100		86 - 115	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUF1722						
Methane	BUF1722-BLK1	ND	mg/L	0.0010		
QC Batch ID: BUF1723						
Methane	BUF1723-BLK1	ND	mg/L	0.0010		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Gas Testing in Water

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUF1722										
Methane	BUF1722-BS1	LCS	0.0096661	0.010843	mg/L	89.1		80 - 120		
	BUF1722-BSD1	LCSD	0.0095422	0.010843	mg/L	88.0	1.3	80 - 120	20	
QC Batch ID: BUF1723										
Methane	BUF1723-BS1	LCS	0.0095124	0.010843	mg/L	87.7		80 - 120		
	BUF1723-BSD1	LCSD	0.0095157	0.010843	mg/L	87.8	0.0	80 - 120	20	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUF1711						
Iron (II) Species, Dissolved	BUF1711-BLK1	ND	ug/L	100		
QC Batch ID: BUF1712						
Iron (II) Species, Dissolved	BUF1712-BLK1	ND	ug/L	100		
QC Batch ID: BUF1743						
Total Dissolved Solids @ 180 C	BUF1743-BLK1	ND	mg/L	6.7		
QC Batch ID: BUF1744						
Total Dissolved Solids @ 180 C	BUF1744-BLK1	ND	mg/L	6.7		
QC Batch ID: BUF1755						
Dissolved Calcium	BUF1755-BLK1	ND	mg/L	0.10		
Dissolved Magnesium	BUF1755-BLK1	ND	mg/L	0.050		
Dissolved Sodium	BUF1755-BLK1	ND	mg/L	0.50		
Dissolved Potassium	BUF1755-BLK1	ND	mg/L	1.0		
QC Batch ID: BUF1771						
Chloride	BUF1771-BLK1	ND	mg/L	0.50		
Fluoride	BUF1771-BLK1	ND	mg/L	0.050		
Nitrate as NO3	BUF1771-BLK1	ND	mg/L	0.44		
Sulfate	BUF1771-BLK1	ND	mg/L	1.0		
QC Batch ID: BUF1772						
Chloride	BUF1772-BLK1	ND	mg/L	0.50		
Fluoride	BUF1772-BLK1	ND	mg/L	0.050		
Nitrate as NO3	BUF1772-BLK1	ND	mg/L	0.44		
Sulfate	BUF1772-BLK1	ND	mg/L	1.0		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUF1711										
Iron (II) Species, Dissolved	BUF1711-BS1	LCS	2034.3	2000.0	ug/L	102		90 - 110		
QC Batch ID: BUF1712										
Iron (II) Species, Dissolved	BUF1712-BS1	LCS	2034.3	2000.0	ug/L	102		90 - 110		
QC Batch ID: BUF1743										
Total Dissolved Solids @ 180 C	BUF1743-BS1	LCS	555.00	586.00	mg/L	94.7		90 - 110		
QC Batch ID: BUF1744										
Total Dissolved Solids @ 180 C	BUF1744-BS1	LCS	555.00	586.00	mg/L	94.7		90 - 110		
QC Batch ID: BUF1755										
Dissolved Calcium	BUF1755-BS1	LCS	9.6324	10.000	mg/L	96.3		85 - 115		
Dissolved Magnesium	BUF1755-BS1	LCS	9.6803	10.000	mg/L	96.8		85 - 115		
Dissolved Sodium	BUF1755-BS1	LCS	9.6045	10.000	mg/L	96.0		85 - 115		
Dissolved Potassium	BUF1755-BS1	LCS	9.2212	10.000	mg/L	92.2		85 - 115		
QC Batch ID: BUF1771										
Chloride	BUF1771-BS1	LCS	100.27	100.00	mg/L	100		90 - 110		
Fluoride	BUF1771-BS1	LCS	1.0280	1.0000	mg/L	103		90 - 110		
Nitrate as NO3	BUF1771-BS1	LCS	21.660	22.134	mg/L	97.9		90 - 110		
Sulfate	BUF1771-BS1	LCS	98.266	100.00	mg/L	98.3		90 - 110		
QC Batch ID: BUF1772										
Chloride	BUF1772-BS1	LCS	99.483	100.00	mg/L	99.5		90 - 110		
Fluoride	BUF1772-BS1	LCS	1.0520	1.0000	mg/L	105		90 - 110		
Nitrate as NO3	BUF1772-BS1	LCS	21.501	22.134	mg/L	97.1		90 - 110		
Sulfate	BUF1772-BS1	LCS	97.391	100.00	mg/L	97.4		90 - 110		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1711	Used client sample: Y - Description: U-14-W-110627, 06/27/2011 13:40										
Iron (II) Species, Dissolved	DUP	1110046-01	ND	ND		ug/L			10		
QC Batch ID: BUF1712	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										
Iron (II) Species, Dissolved	DUP	1110046-11	925.48	908.01		ug/L	1.9		10		
QC Batch ID: BUF1743	Used client sample: Y - Description: U-8-W-110627, 06/27/2011 15:00										
Total Dissolved Solids @ 180 C	DUP	1110046-10	620.00	630.00		mg/L	1.6		10		
QC Batch ID: BUF1744	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										
Total Dissolved Solids @ 180 C	DUP	1110046-11	659.99	649.99		mg/L	1.5		10		
QC Batch ID: BUF1755	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Dissolved Calcium	DUP	1110046-02	3.9412	4.1330		mg/L	4.8		20		
	MS	1110046-02	3.9412	13.726	10.204	mg/L		95.9		75 - 125	
	MSD	1110046-02	3.9412	13.793	10.204	mg/L	0.5	96.5	20	75 - 125	
Dissolved Magnesium	DUP	1110046-02	60.692	63.886		mg/L	5.1		20		
	MS	1110046-02	60.692	73.420	10.204	mg/L		125		75 - 125	
	MSD	1110046-02	60.692	73.571	10.204	mg/L	0.2	126	20	75 - 125	A03
Dissolved Sodium	DUP	1110046-02	95.404	99.895		mg/L	4.6		20		
	MS	1110046-02	95.404	111.41	10.204	mg/L		157		75 - 125	A03
	MSD	1110046-02	95.404	112.46	10.204	mg/L	0.9	167	20	75 - 125	A03
Dissolved Potassium	DUP	1110046-02	51.460	53.273		mg/L	3.5		20		
	MS	1110046-02	51.460	64.216	10.204	mg/L		125		75 - 125	
	MSD	1110046-02	51.460	64.034	10.204	mg/L	0.3	123	20	75 - 125	
QC Batch ID: BUF1771	Used client sample: Y - Description: U-14-W-110627, 06/27/2011 13:40										
Chloride	DUP	1110046-01	54.644	54.449		mg/L	0.4		10		
	MS	1110046-01	54.644	163.93	101.01	mg/L		108		80 - 120	
	MSD	1110046-01	54.644	164.39	101.01	mg/L	0.3	109	10	80 - 120	
Fluoride	DUP	1110046-01	0.090000	0.098000		mg/L	8.5		10		
	MS	1110046-01	0.090000	1.1242	1.0101	mg/L		102		80 - 120	
	MSD	1110046-01	0.090000	1.1263	1.0101	mg/L	0.2	103	10	80 - 120	
Nitrate as NO3	DUP	1110046-01	20.403	20.337		mg/L	0.3		10		
	MS	1110046-01	20.403	43.128	22.358	mg/L		102		80 - 120	
	MSD	1110046-01	20.403	43.020	22.358	mg/L	0.2	101	10	80 - 120	
Sulfate	DUP	1110046-01	37.749	37.470		mg/L	0.7		10		
	MS	1110046-01	37.749	145.39	101.01	mg/L		107		80 - 120	
	MSD	1110046-01	37.749	145.46	101.01	mg/L	0.0	107	10	80 - 120	
QC Batch ID: BUF1772	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1772	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										
Chloride	DUP	1110046-11	37.767	37.657		mg/L	0.3		10		
	MS	1110046-11	37.767	147.20	101.01	mg/L		108		80 - 120	
	MSD	1110046-11	37.767	147.41	101.01	mg/L	0.1	109	10	80 - 120	
Fluoride	DUP	1110046-11	0.14600	0.13700		mg/L	6.4		10		
	MS	1110046-11	0.14600	1.2798	1.0101	mg/L		112		80 - 120	
	MSD	1110046-11	0.14600	1.2232	1.0101	mg/L	4.5	107	10	80 - 120	
Nitrate as NO3	DUP	1110046-11	0.17707	ND		mg/L			10		
	MS	1110046-11	0.17707	22.273	22.358	mg/L		98.8		80 - 120	
	MSD	1110046-11	0.17707	22.291	22.358	mg/L	0.1	98.9	10	80 - 120	
Sulfate	DUP	1110046-11	3.4490	3.3540		mg/L	2.8		10		
	MS	1110046-11	3.4490	104.95	101.01	mg/L		100		80 - 120	
	MSD	1110046-11	3.4490	105.27	101.01	mg/L	0.3	101	10	80 - 120	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUF1755						
Dissolved Antimony	BUF1755-BLK1	ND	ug/L	100		
Dissolved Arsenic	BUF1755-BLK1	ND	ug/L	50		
Dissolved Barium	BUF1755-BLK1	ND	ug/L	10		
Dissolved Beryllium	BUF1755-BLK1	ND	ug/L	10		
Dissolved Cadmium	BUF1755-BLK1	ND	ug/L	10		
Dissolved Chromium	BUF1755-BLK1	ND	ug/L	10		
Dissolved Cobalt	BUF1755-BLK1	ND	ug/L	50		
Dissolved Copper	BUF1755-BLK1	ND	ug/L	10		
Dissolved Lead	BUF1755-BLK1	ND	ug/L	50		
Dissolved Manganese	BUF1755-BLK1	ND	ug/L	10		
Dissolved Molybdenum	BUF1755-BLK1	ND	ug/L	50		
Dissolved Nickel	BUF1755-BLK1	ND	ug/L	10		
Dissolved Selenium	BUF1755-BLK1	ND	ug/L	100		
Dissolved Silver	BUF1755-BLK1	ND	ug/L	10		
Dissolved Thallium	BUF1755-BLK1	ND	ug/L	100		
Dissolved Vanadium	BUF1755-BLK1	ND	ug/L	10		
Dissolved Zinc	BUF1755-BLK1	ND	ug/L	10		
QC Batch ID: BUF1756						
Total Antimony	BUF1756-BLK1	ND	ug/L	100		
Total Arsenic	BUF1756-BLK1	ND	ug/L	50		
Total Barium	BUF1756-BLK1	ND	ug/L	10		
Total Beryllium	BUF1756-BLK1	ND	ug/L	10		
Total Cadmium	BUF1756-BLK1	ND	ug/L	10		
Total Chromium	BUF1756-BLK1	ND	ug/L	10		
Total Cobalt	BUF1756-BLK1	ND	ug/L	50		
Total Copper	BUF1756-BLK1	ND	ug/L	10		
Total Lead	BUF1756-BLK1	ND	ug/L	50		
Total Molybdenum	BUF1756-BLK1	ND	ug/L	50		
Total Nickel	BUF1756-BLK1	ND	ug/L	10		
Total Selenium	BUF1756-BLK1	ND	ug/L	100		
Total Silver	BUF1756-BLK1	ND	ug/L	10		
Total Thallium	BUF1756-BLK1	ND	ug/L	100		
Total Vanadium	BUF1756-BLK1	ND	ug/L	10		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUF1756						
Total Zinc	BUF1756-BLK1	ND	ug/L	50		
QC Batch ID: BUF1784						
Total Mercury	BUF1784-BLK1	ND	ug/L	0.20		
QC Batch ID: BUF1800						
Hexavalent Chromium	BUF1800-BLK1	ND	ug/L	2.0		
QC Batch ID: BUF1850						
Dissolved Mercury	BUF1850-BLK1	ND	ug/L	0.20		
QC Batch ID: BUF1851						
Hexavalent Chromium	BUF1851-BLK1	ND	ug/L	2.0		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUF1755										
Dissolved Antimony	BUF1755-BS1	LCS	363.87	400.00	ug/L	91.0		85 - 115		
Dissolved Arsenic	BUF1755-BS1	LCS	175.75	200.00	ug/L	87.9		85 - 115		
Dissolved Barium	BUF1755-BS1	LCS	389.00	400.00	ug/L	97.3		85 - 115		
Dissolved Beryllium	BUF1755-BS1	LCS	201.92	200.00	ug/L	101		85 - 115		
Dissolved Cadmium	BUF1755-BS1	LCS	203.80	200.00	ug/L	102		85 - 115		
Dissolved Chromium	BUF1755-BS1	LCS	201.43	200.00	ug/L	101		85 - 115		
Dissolved Cobalt	BUF1755-BS1	LCS	207.90	200.00	ug/L	104		85 - 115		
Dissolved Copper	BUF1755-BS1	LCS	385.46	400.00	ug/L	96.4		85 - 115		
Dissolved Lead	BUF1755-BS1	LCS	415.80	400.00	ug/L	104		85 - 115		
Dissolved Manganese	BUF1755-BS1	LCS	480.91	500.00	ug/L	96.2		85 - 115		
Dissolved Molybdenum	BUF1755-BS1	LCS	201.98	200.00	ug/L	101		85 - 115		
Dissolved Nickel	BUF1755-BS1	LCS	423.04	400.00	ug/L	106		85 - 115		
Dissolved Selenium	BUF1755-BS1	LCS	223.33	200.00	ug/L	112		85 - 115		
Dissolved Silver	BUF1755-BS1	LCS	93.762	100.00	ug/L	93.8		85 - 115		
Dissolved Thallium	BUF1755-BS1	LCS	436.32	400.00	ug/L	109		85 - 115		
Dissolved Vanadium	BUF1755-BS1	LCS	201.27	200.00	ug/L	101		85 - 115		
Dissolved Zinc	BUF1755-BS1	LCS	526.02	500.00	ug/L	105		85 - 115		
QC Batch ID: BUF1756										
Total Antimony	BUF1756-BS1	LCS	347.60	400.00	ug/L	86.9		85 - 115		
Total Arsenic	BUF1756-BS1	LCS	172.56	200.00	ug/L	86.3		85 - 115		
Total Barium	BUF1756-BS1	LCS	395.47	400.00	ug/L	98.9		85 - 115		
Total Beryllium	BUF1756-BS1	LCS	199.36	200.00	ug/L	99.7		85 - 115		
Total Cadmium	BUF1756-BS1	LCS	195.02	200.00	ug/L	97.5		85 - 115		
Total Chromium	BUF1756-BS1	LCS	201.24	200.00	ug/L	101		85 - 115		
Total Cobalt	BUF1756-BS1	LCS	202.85	200.00	ug/L	101		85 - 115		
Total Copper	BUF1756-BS1	LCS	388.79	400.00	ug/L	97.2		85 - 115		
Total Lead	BUF1756-BS1	LCS	405.47	400.00	ug/L	101		85 - 115		
Total Molybdenum	BUF1756-BS1	LCS	197.01	200.00	ug/L	98.5		85 - 115		
Total Nickel	BUF1756-BS1	LCS	410.18	400.00	ug/L	103		85 - 115		
Total Selenium	BUF1756-BS1	LCS	213.93	200.00	ug/L	107		85 - 115		
Total Silver	BUF1756-BS1	LCS	93.168	100.00	ug/L	93.2		85 - 115		
Total Thallium	BUF1756-BS1	LCS	424.25	400.00	ug/L	106		85 - 115		
Total Vanadium	BUF1756-BS1	LCS	191.67	200.00	ug/L	95.8		85 - 115		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUF1756										
Total Zinc	BUF1756-BS1	LCS	517.30	500.00	ug/L	103		85 - 115		
QC Batch ID: BUF1784										
Total Mercury	BUF1784-BS1	LCS	0.98250	1.0000	ug/L	98.2		85 - 115		
QC Batch ID: BUF1800										
Hexavalent Chromium	BUF1800-BS1	LCS	47.749	50.000	ug/L	95.5		85 - 115		
QC Batch ID: BUF1850										
Dissolved Mercury	BUF1850-BS1	LCS	0.99500	1.0000	ug/L	99.5		85 - 115		
QC Batch ID: BUF1851										
Hexavalent Chromium	BUF1851-BS1	LCS	47.998	50.000	ug/L	96.0		85 - 115		

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1755	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Dissolved Antimony	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	353.74	408.16	ug/L		86.7		75 - 125	
	MSD	1110046-02	ND	367.02	408.16	ug/L	3.7	89.9	20	75 - 125	
Dissolved Arsenic	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	191.11	204.08	ug/L		93.6		75 - 125	
	MSD	1110046-02	ND	189.18	204.08	ug/L	1.0	92.7	20	75 - 125	
Dissolved Barium	DUP	1110046-02	18.434	20.050		ug/L	8.4		20		
	MS	1110046-02	18.434	404.20	408.16	ug/L		94.5		75 - 125	
	MSD	1110046-02	18.434	401.26	408.16	ug/L	0.7	93.8	20	75 - 125	
Dissolved Beryllium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	201.72	204.08	ug/L		98.8		75 - 125	
	MSD	1110046-02	ND	203.71	204.08	ug/L	1.0	99.8	20	75 - 125	
Dissolved Cadmium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	204.71	204.08	ug/L		100		75 - 125	
	MSD	1110046-02	ND	203.41	204.08	ug/L	0.6	99.7	20	75 - 125	
Dissolved Chromium	DUP	1110046-02	24.676	26.448		ug/L	6.9		20		
	MS	1110046-02	24.676	225.26	204.08	ug/L		98.3		75 - 125	
	MSD	1110046-02	24.676	222.67	204.08	ug/L	1.2	97.0	20	75 - 125	
Dissolved Cobalt	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	202.45	204.08	ug/L		99.2		75 - 125	
	MSD	1110046-02	ND	203.86	204.08	ug/L	0.7	99.9	20	75 - 125	
Dissolved Copper	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	378.23	408.16	ug/L		92.7		75 - 125	
	MSD	1110046-02	ND	374.69	408.16	ug/L	0.9	91.8	20	75 - 125	
Dissolved Lead	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	406.97	408.16	ug/L		99.7		75 - 125	
	MSD	1110046-02	ND	408.48	408.16	ug/L	0.4	100	20	75 - 125	
Dissolved Manganese	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	503.89	510.20	ug/L		98.8		75 - 125	
	MSD	1110046-02	ND	501.07	510.20	ug/L	0.6	98.2	20	75 - 125	
Dissolved Molybdenum	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	198.31	204.08	ug/L		97.2		75 - 125	
	MSD	1110046-02	ND	201.49	204.08	ug/L	1.6	98.7	20	75 - 125	
Dissolved Nickel	DUP	1110046-02	1.2993	ND		ug/L			20		
	MS	1110046-02	1.2993	406.03	408.16	ug/L		99.2		75 - 125	
	MSD	1110046-02	1.2993	404.21	408.16	ug/L	0.4	98.7	20	75 - 125	
Dissolved Selenium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	237.54	204.08	ug/L		116		75 - 125	
	MSD	1110046-02	ND	249.83	204.08	ug/L	5.0	122	20	75 - 125	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1755	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Dissolved Silver	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	89.618	102.04	ug/L		87.8		75 - 125	
	MSD	1110046-02	ND	88.006	102.04	ug/L	1.8	86.2	20	75 - 125	
Dissolved Thallium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	414.12	408.16	ug/L		101		75 - 125	
	MSD	1110046-02	ND	421.10	408.16	ug/L	1.7	103	20	75 - 125	
Dissolved Vanadium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	200.38	204.08	ug/L		98.2		75 - 125	
	MSD	1110046-02	ND	197.45	204.08	ug/L	1.5	96.8	20	75 - 125	
Dissolved Zinc	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	521.50	510.20	ug/L		102		75 - 125	
	MSD	1110046-02	ND	518.66	510.20	ug/L	0.5	102	20	75 - 125	
QC Batch ID: BUF1756	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Total Antimony	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	411.00	400.00	ug/L		103		75 - 125	
	MSD	1110046-02	ND	376.37	400.00	ug/L	8.8	94.1	20	75 - 125	
Total Arsenic	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	202.51	200.00	ug/L		101		75 - 125	
	MSD	1110046-02	ND	190.78	200.00	ug/L	6.0	95.4	20	75 - 125	
Total Barium	DUP	1110046-02	23.251	24.812		ug/L	6.5		20		
	MS	1110046-02	23.251	444.08	400.00	ug/L		105		75 - 125	
	MSD	1110046-02	23.251	400.48	400.00	ug/L	10.3	94.3	20	75 - 125	
Total Beryllium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	214.08	200.00	ug/L		107		75 - 125	
	MSD	1110046-02	ND	196.94	200.00	ug/L	8.3	98.5	20	75 - 125	
Total Cadmium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	211.80	200.00	ug/L		106		75 - 125	
	MSD	1110046-02	ND	191.85	200.00	ug/L	9.9	95.9	20	75 - 125	
Total Chromium	DUP	1110046-02	26.611	27.173		ug/L	2.1		20		
	MS	1110046-02	26.611	238.29	200.00	ug/L		106		75 - 125	
	MSD	1110046-02	26.611	216.04	200.00	ug/L	9.8	94.7	20	75 - 125	
Total Cobalt	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	209.99	200.00	ug/L		105		75 - 125	
	MSD	1110046-02	ND	191.21	200.00	ug/L	9.4	95.6	20	75 - 125	
Total Copper	DUP	1110046-02	4.5702	ND		ug/L			20		
	MS	1110046-02	4.5702	415.88	400.00	ug/L		103		75 - 125	
	MSD	1110046-02	4.5702	375.50	400.00	ug/L	10.2	92.7	20	75 - 125	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1756	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Total Lead	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	418.21	400.00	ug/L		105		75 - 125	
	MSD	1110046-02	ND	386.03	400.00	ug/L	8.0	96.5	20	75 - 125	
Total Molybdenum	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	213.35	200.00	ug/L		107		75 - 125	
	MSD	1110046-02	ND	194.65	200.00	ug/L	9.2	97.3	20	75 - 125	
Total Nickel	DUP	1110046-02	3.5934	ND		ug/L			20		
	MS	1110046-02	3.5934	427.59	400.00	ug/L		106		75 - 125	
	MSD	1110046-02	3.5934	387.16	400.00	ug/L	9.9	95.9	20	75 - 125	
Total Selenium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	226.50	200.00	ug/L		113		75 - 125	
	MSD	1110046-02	ND	205.00	200.00	ug/L	10.0	102	20	75 - 125	
Total Silver	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	104.40	100.00	ug/L		104		75 - 125	
	MSD	1110046-02	ND	95.315	100.00	ug/L	9.1	95.3	20	75 - 125	
Total Thallium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	431.87	400.00	ug/L		108		75 - 125	
	MSD	1110046-02	ND	392.54	400.00	ug/L	9.5	98.1	20	75 - 125	
Total Vanadium	DUP	1110046-02	ND	ND		ug/L			20		
	MS	1110046-02	ND	211.32	200.00	ug/L		106		75 - 125	
	MSD	1110046-02	ND	189.68	200.00	ug/L	10.8	94.8	20	75 - 125	
Total Zinc	DUP	1110046-02	4.6685	ND		ug/L			20		
	MS	1110046-02	4.6685	540.56	500.00	ug/L		107		75 - 125	
	MSD	1110046-02	4.6685	488.72	500.00	ug/L	10.1	96.8	20	75 - 125	
QC Batch ID: BUF1784	Used client sample: N										
Total Mercury	DUP	1109766-01	0.14750	ND		ug/L			20		
	MS	1109766-01	0.14750	1.1025	1.0000	ug/L		95.5		70 - 130	
	MSD	1109766-01	0.14750	1.1100	1.0000	ug/L	0.7	96.2	20	70 - 130	
QC Batch ID: BUF1800	Used client sample: Y - Description: U-13-W-110627, 06/27/2011 13:55										
Hexavalent Chromium	DUP	1110046-02	24.858	25.053		ug/L	0.8		10		
	MS	1110046-02	24.858	74.124	52.632	ug/L		93.6		85 - 115	
	MSD	1110046-02	24.858	74.317	52.632	ug/L	0.3	94.0	10	85 - 115	
QC Batch ID: BUF1850	Used client sample: N										
Dissolved Mercury	DUP	1109944-01	ND	ND		ug/L			20		
	MS	1109944-01	ND	1.0050	1.0000	ug/L		100		70 - 130	
	MSD	1109944-01	ND	1.0025	1.0000	ug/L	0.2	100	20	70 - 130	
QC Batch ID: BUF1851	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUF1851	Used client sample: Y - Description: U-10-W-110627, 06/27/2011 15:45										
Hexavalent Chromium	DUP	1110046-11	ND	ND		ug/L			10		
	MS	1110046-11	ND	47.155	52.632	ug/L		89.6		85 - 115	
	MSD	1110046-11	ND	47.287	52.632	ug/L	0.3	89.8	10	85 - 115	

Conestoga-Rovers & Associates
5900 Hollis St. Suite A
Emeryville, CA 94608

Reported: 07/13/2011 12:29
Project: 4186
Project Number: 351721
Project Manager: Ian Hull

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.
A03	The sample concentration is more than 4 times the spike level.
S01	Sample result is not within the quantitation range of the method.
S05	The sample holding time was exceeded.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

ATTACHMENT C

HISTORICAL GROUNDWATER MONITORING AND SAMPLING DATA

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
U-1															
7/13/1998	478.27	23.28	0	454.99	--	ND	--	ND	ND	ND	ND	ND	--	--	
10/7/1998	478.27	26.43	0	451.84	-3.15	ND	--	ND	ND	ND	ND	ND	--	--	
1/15/1999	478.27	30.42	0	447.85	-3.99	ND	--	ND	ND	ND	1.1	7.3	--	--	
4/14/1999	478.27	24.21	0	454.06	6.21	ND	--	ND	ND	ND	ND	160	--	--	
7/19/1999	478.27	27.10	0	451.17	-2.89	ND	--	ND	ND	ND	ND	92	--	--	
10/12/1999	478.27	29.40	0	448.87	-2.30	ND	--	ND	ND	ND	ND	37	--	--	
1/24/2000	478.27	27.90	0	450.37	1.50	ND	--	ND	ND	ND	ND	28	--	--	
4/10/2000	478.27	26.16	0	452.11	1.74	ND	--	ND	0.930	ND	ND	ND	--	--	
7/17/2000	478.27	28.04	0	450.23	-1.88	ND	--	ND	ND	ND	ND	160	--	--	
10/2/2000	478.27	28.41	0	449.86	-0.37	ND	--	ND	ND	ND	ND	120	--	--	
1/8/2001	478.27	28.68	0	449.59	-0.27	ND	--	ND	ND	ND	ND	103	--	--	
4/3/2001	478.27	25.74	0	452.53	2.94	ND	--	ND	ND	ND	ND	55.1	--	--	
7/2/2001	478.27	30.67	0	447.60	-4.93	ND	--	ND	ND	ND	ND	ND	--	--	
10/8/2001	478.27	33.13	0	445.14	-2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	
1/3/2002	478.27	27.67	0	450.60	5.46	160	--	ND<0.50	0.51	ND<0.50	0.69	31	--	--	
4/5/2002	478.27	29.40	0	448.87	-1.73	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	60	--	--	
7/2/2002	478.27	31.17	0	447.10	-1.77	--	1100	ND<0.50	1.7	0.73	130	--	35	--	
10/1/2002	478.27	33.00	0	445.27	-1.83	--	120	ND<0.50	ND<0.50	ND<0.50	8.8	--	28	--	
12/30/2002	478.27	22.03	0	456.24	10.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.2	--	90	--	
5/2/2003	478.27	24.13	0	454.14	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	50	--	
7/1/2003	478.27	25.35	0	452.92	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
10/3/2003	478.27	27.24	0	451.03	-1.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
1/8/2004	478.27	22.67	0	455.60	4.57	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.5	--	
4/15/2004	478.27	25.33	0	452.94	-2.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
7/15/2004	478.27	26.47	0	451.80	-1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/8/2004	478.27	31.17	0	447.10	-4.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/23/2005	478.27	22.47	0	455.80	8.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/28/2005	478.27	25.37	0	452.90	-2.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/23/2005	478.27	29.15	0	449.12	-3.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/30/2005	478.27	23.69	0	454.58	5.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/24/2006	478.27	22.54	0	455.73	1.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	--	
6/26/2006	478.27	24.99	0	453.28	-2.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/26/2006	478.27	30.19	0	448.08	-5.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
11/21/2006	478.27	28.27	0	450.00	1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
3/26/2007	478.27	26.92	0	451.35	1.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
6/27/2007	478.27	30.78	0	447.49	-3.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
9/23/2007	478.27	33.17	0	445.10	-2.39	--	--	--	--	--	--	--	--	--	Not enough water to sample

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
12/20/2007	478.27	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	478.27	31.20	0	447.07	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/12/2008	478.27	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/3/2008	478.27	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	480.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	480.29	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/15/2010	480.29	31.35	0	448.94	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	480.29	28.90	0	451.39	2.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
U-2															
7/13/1998	477.44	23.52	0	453.92	--	1200	--	130	12	62	180	1100	--	--	
10/7/1998	477.44	25.31	0	452.13	-1.79	ND	--	ND	ND	ND	ND	160	--	--	
1/15/1999	477.44	30.22	0	447.22	-4.91	ND	--	ND	ND	ND	ND	280	--	--	
4/14/1999	477.44	24.50	0	452.94	5.72	ND	--	ND	ND	ND	ND	460	--	--	
7/19/1999	477.44	28.54	0	448.90	-4.04	ND	--	ND	ND	ND	ND	220	--	--	
10/12/1999	477.44	30.48	0	446.96	-1.94	ND	--	ND	ND	ND	ND	160	--	--	
1/24/2000	477.44	24.52	0	452.92	5.96	ND	--	ND	ND	ND	ND	150	--	--	
4/10/2000	477.44	23.68	0	453.76	0.84	ND	--	ND	ND	ND	ND	177	--	--	
7/17/2000	477.44	28.35	0	449.09	-4.67	ND	--	ND	ND	ND	ND	62.7	--	--	
10/2/2000	477.44	28.72	0	448.72	-0.37	ND	--	ND	ND	ND	ND	52	--	--	
1/8/2001	477.44	29.11	0	448.33	-0.39	ND	--	ND	ND	ND	ND	57.3	--	--	
4/3/2001	477.44	25.95	0	451.49	3.16	ND	--	ND	ND	ND	ND	30.2	--	--	
7/2/2001	477.44	29.01	0	448.43	-3.06	ND	--	ND	ND	ND	ND	16	--	--	
10/8/2001	477.44	30.94	0	446.50	-1.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	82	--	--	
1/3/2002	477.44	27.33	0	450.11	3.61	260	--	7.7	11	1.7	15	42	--	--	
4/5/2002	477.44	30.02	0	447.42	-2.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25	--	--	
7/2/2002	477.44	31.23	0	446.21	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
10/1/2002	477.44	32.00	0	445.44	-0.77	--	ND<50	ND<0.50	0.62	ND<0.50	ND<1.0	--	ND<2.0	--	
12/30/2002	477.44	22.32	0	455.12	9.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
5/2/2003	477.44	25.92	0	451.52	-3.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
7/1/2003	477.44	24.99	0	452.45	0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
10/3/2003	477.44	25.31	0	452.13	-0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
1/8/2004	477.44	21.94	0	455.50	3.37	--	ND<50	ND<0.50	ND<0.50	0.51	ND<1.0	--	ND<2.0	--	
4/15/2004	477.44	25.20	0	452.24	-3.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
7/15/2004	477.44	24.45	0	452.99	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/8/2004	477.44	29.89	0	447.55	-5.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/23/2005	477.44	22.00	0	455.44	7.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
6/28/2005	477.44	25.30	0	452.14	-3.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/23/2005	477.44	28.25	0	449.19	-2.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/30/2005	477.44	24.33	0	453.11	3.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/24/2006	477.44	22.34	0	455.10	1.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/26/2006	477.44	23.15	0	454.29	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/26/2006	477.44	28.52	0	448.92	-5.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
11/21/2006	477.44	25.85	0	451.59	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
3/26/2007	477.44	25.62	0	451.82	0.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
6/27/2007	477.44	28.37	0	449.07	-2.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
9/23/2007	477.44	31.40	0	446.04	-3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
12/20/2007	477.44	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	477.44	30.45	0	446.99	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/12/2008	477.44	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/3/2008	477.44	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	479.45	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	479.45	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	479.45	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	479.45	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/15/2010	479.45	30.78	0	448.67	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	479.45	25.99	0	453.46	4.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
U-3															
7/13/1998	478.46	23.82	0	454.64	--	70000	--	3100	5500	2700	16000	7500	--	--	
10/7/1998	478.46	25.64	0	452.82	-1.82	54000	--	5000	1100	3100	14000	6100	--	--	
1/15/1999	478.46	30.92	0	447.54	-5.28	41000	--	3100	ND	1800	3800	15000	--	--	
4/14/1999	478.46	24.48	0	453.98	6.44	33000	--	86	290	2200	7800	39000	--	--	
7/19/1999	478.46	28.46	0	450.00	-3.98	48000	--	3900	2500	3600	14000	12000	16000	--	
10/12/1999	478.46	30.39	0	448.07	-1.93	35000	--	4200	ND	2300	1800	22000	8300	--	
1/24/2000	478.46	23.43	0	455.03	6.96	13000	--	260	ND	770	3200	53000	42000	--	
4/10/2000	478.46	23.31	0	455.15	0.12	35200	--	1070	241	2820	8850	35600	40900	--	
7/17/2000	478.46	27.53	0	450.93	-4.22	29000	--	3570	525	3180	5660	22500	21000	--	
10/2/2000	478.46	28.19	0	450.27	-0.66	11000	--	2100	31	2000	780	25000	28000	--	
1/8/2001	478.46	29.85	0	448.61	-1.66	33600	--	3060	427	3040	4190	24700	30900	--	
4/3/2001	478.46	24.98	0	453.48	4.87	5390	--	660	10.8	304	356	15200	19300	--	
7/2/2001	478.46	31.35	0	447.11	-6.37	13000	--	1200	58	1300	930	25000	26000	--	
10/8/2001	478.46	32.69	0	445.77	-1.34	6100	--	500	ND<10	570	130	23000	22000	--	
1/3/2002	478.46	23.73	0	454.73	8.96	9900	--	700	130	24	1000	14000	12000	--	
4/5/2002	477.44	28.27	0	449.17	-5.56	9800	--	1100	180	220	1400	16000	30000	--	
7/2/2002	478.46	29.71	0	448.75	-0.42	--	ND<25000	ND<250	ND<250	ND<250	ND<500	12000	12000	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
10/1/2002	478.46	31.18	0	447.28	-1.47	--	ND<25000	ND<250	ND<250	ND<250	ND<500	12000	12000	--	
12/30/2002	478.46	21.62	0	456.84	9.56	--	23000	330	170	870	4900	18000	18000	--	
5/2/2003	478.46	23.11	0	455.35	-1.49	--	19000	280	ND<50	880	1500	15000	15000	--	
7/1/2003	478.46	24.89	0	453.57	-1.78	--	19000	120	ND<100	180	880	22000	22000	--	
10/3/2003	478.46	26.59	0	451.87	-1.70	--	20000	170	ND<50	250	730	--	16000	--	
1/8/2004	478.46	21.92	0	456.54	4.67	--	17000	250	ND<100	770	1500	--	9700	--	
4/15/2004	478.46	23.59	0	454.87	-1.67	--	4600	ND<25	ND<25	36	100	--	3700	--	
7/15/2004	478.46	24.80	0	453.66	-1.21	--	2700	ND<25	ND<25	ND<25	ND<50	--	3400	--	
12/8/2004	478.46	29.13	0	449.33	-4.33	--	12000	ND<50	ND<50	250	140	--	13000	--	
3/23/2005	478.46	21.64	0	456.82	7.49	--	21000	94	ND<50	630	1200	--	6200	--	
6/28/2005	478.46	24.57	0	453.89	-2.93	--	6600	24	0.64	150	70	--	4700	--	
9/23/2005	478.46	27.64	0	450.82	-3.07	--	6000	31	ND<25	150	ND<50	--	8900	--	
12/30/2005	478.46	23.96	0	454.50	3.68	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	840	--	
3/24/2006	478.46	22.52	0	455.94	1.44	--	2700	28	ND<5.0	57	120	--	690	--	
6/26/2006	478.46	23.89	0	454.57	-1.37	--	2000	51	0.77	84	45	--	560	--	
9/26/2006	478.46	28.08	0	450.38	-4.19	--	1200	20	ND<2.5	5.2	2.8	--	170	--	
11/21/2006	478.46	27.23	0	451.23	0.85	--	1500	22	ND<5.0	5.8	ND<5.0	--	180	--	
3/26/2007	478.46	25.27	0	453.19	1.96	--	3900	65	0.61	50	160	--	95	--	
6/27/2007	478.46	27.51	0	450.95	-2.24	--	1400	29	ND<0.50	5.6	2.3	--	170	--	
9/23/2007	478.46	31.70	0	446.76	-4.19	--	1600	16	0.61	2.7	3.7	--	88	--	
12/20/2007	478.46	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	478.46	28.84	0	449.62	--	--	1400	17	ND<1.0	2.3	ND<2.0	--	150	--	
6/12/2008	478.46	31.23	0	447.23	-2.39	--	770	4.1	ND<1.0	ND<1.0	ND<2.0	--	27	--	
9/3/2008	478.46	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	480.48	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.48	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.48	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	480.48	31.73	0	448.75	--	--	1100	4.2	ND<0.50	2.1	2.9	--	62	--	
6/15/2010	480.48	29.91	0	450.57	1.82	--	810	5.5	ND<1.0	ND<1.0	ND<2.0	--	48	--	
12/20/2010	480.48	29.58	0	450.90	0.33	--	1100	5.1	ND<0.50	ND<0.50	ND<1.0	--	49	--	
U-4															
4/3/2001	476.93	31.63	0	445.30	--	ND	--	ND	ND	ND	ND	37.8	38.2	--	
7/2/2001	476.93	37.96	0	438.97	-6.33	ND	--	ND	ND	ND	ND	ND	5.3	--	
10/8/2001	476.93	44.24	0	432.69	-6.28	--	--	--	--	--	--	--	--	--	Not enough water to sample
1/3/2002	476.93	36.15	0	440.78	8.09	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10	8.5	--	
4/5/2002	476.93	37.64	0	439.29	-1.49	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	4.1	--	--	
7/2/2002	476.93	36.85	0	440.08	0.79	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	--	
10/1/2002	476.93	38.54	0	438.39	-1.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.8	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
12/30/2002	476.93	32.64	0	444.29	5.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	--	
5/2/2003	476.93	31.40	0	445.53	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	--	
7/1/2003	476.93	33.60	0	443.33	-2.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	--	
10/3/2003	476.93	37.63	0	439.30	-4.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	--	
1/8/2004	476.93	29.23	0	447.70	8.40	--	ND<50	0.55	ND<0.50	1.6	3.7	--	2.5	--	
4/15/2004	476.93	29.80	0	447.13	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	--	
7/15/2004	476.93	35.05	0	441.88	-5.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.1	--	
12/8/2004	476.93	35.10	0	441.83	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.0	--	
3/23/2005	476.93	25.38	0	451.55	9.72	--	ND<50	ND<0.50	ND<0.50	1.3	1.2	--	0.65	--	
6/28/2005	476.93	28.67	0	448.26	-3.29	--	34J	ND<0.50	0.15J	ND<0.50	ND<1.0	--	0.23J	--	
9/23/2005	476.93	32.25	0	444.68	-3.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	--	
12/30/2005	476.93	31.02	0	445.91	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	--	
3/24/2006	476.93	26.51	0	450.42	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	4.4	--	21	--	
6/26/2006	476.93	27.98	0	448.95	-1.47	--	63	ND<0.50	ND<0.50	0.56	ND<1.0	--	11	--	
9/26/2006	476.93	33.72	0	443.21	-5.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	--	
11/21/2006	476.93	33.43	0	443.50	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
3/26/2007	476.93	30.52	0	446.41	2.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
6/27/2007	476.93	38.20	0	438.73	-7.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.78	--	
9/23/2007	476.93	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/20/2007	476.93	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	476.93	34.18	0	442.75	--	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	--	
6/12/2008	476.93	39.50	0	437.43	-5.32	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.5	--	
9/3/2008	476.93	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	478.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	478.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	478.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	478.95	40.98	0	437.97	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	--	
6/15/2010	478.95	33.90	0	445.05	7.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	478.95	34.57	0	444.38	-0.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.5	--	
U-5															
4/3/2001	476.51	31.75	0	444.76	--	ND	--	ND	0.728	ND	0.993	54.8	55.4	--	
7/2/2001	476.51	38.68	0	437.83	-6.93	ND	--	ND	ND	ND	ND	88	94	--	
10/8/2001	476.51	46.31	0	430.20	-7.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	37	54	--	
1/3/2002	476.51	36.55	0	439.96	9.76	ND<50	--	ND<0.50	0.59	ND<0.50	0.91	51	53	--	
4/5/2002	476.51	37.83	0	438.68	-1.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	37	--	--	
7/2/2002	476.51	36.92	0	439.59	0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	--	
10/1/2002	476.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Truck parked over well
12/30/2002	476.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
5/2/2003	476.51	31.55	0	444.96	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	18	--	
7/1/2003	476.51	33.83	0	442.68	-2.28	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	--	
10/3/2003	476.51	37.72	0	438.79	-3.89	--	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	--	
1/8/2004	476.51	29.21	0	447.30	8.51	--	ND<50	ND<0.50	ND<0.50	1.1	2.7	--	17	--	
4/15/2004	476.51	30.05	0	446.46	-0.84	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	--	
7/15/2004	476.51	35.15	0	441.36	-5.10	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	--	
12/8/2004	476.51	35.33	0	441.18	-0.18	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	39	--	
3/23/2005	476.51	25.45	0	451.06	9.88	--	ND<50	ND<0.50	ND<0.50	0.51	ND<1.0	--	4.5	--	
6/28/2005	476.51	28.90	0	447.61	-3.45	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	40	--	
9/23/2005	476.51	33.01	0	443.50	-4.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	53	--	
12/30/2005	476.51	30.96	0	445.55	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	72	--	
3/24/2006	476.51	22.42	0	454.09	8.54	--	2400	13	ND<5.0	48	58	--	54	--	
6/26/2006	476.51	29.31	0	447.20	-6.89	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	--	
9/26/2006	476.51	34.35	0	442.16	-5.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	51	--	
11/21/2006	476.51	32.43	0	444.08	1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	25	--	
3/26/2007	476.51	31.20	0	445.31	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	29	--	
6/27/2007	476.51	38.62	0	437.89	-7.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	30	--	
9/23/2007	476.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/20/2007	476.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	476.51	34.28	0	442.23	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	--	
6/12/2008	476.51	39.90	0	436.61	-5.62	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	28	--	
9/3/2008	476.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	478.52	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	478.52	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	478.52	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	478.52	41.35	0	437.17	--	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	41	--	
6/15/2010	478.52	33.83	0	444.69	7.52	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	76	--	
12/20/2010	478.52	34.67	0	443.85	-0.84	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	--	
U-6															
1/3/2002	478.38	33.99	0	444.39	--	5000	--	36	ND<25	260	450	ND<250	ND<10	--	
4/5/2002	478.38	36.18	0	442.20	-2.19	1300	--	16	ND<5.0	54	ND<5.0	ND<25	--	--	
7/2/2002	478.38	36.33	0	442.05	-0.15	--	1100	1.4	ND<0.50	16	ND<1.0	--	0.94	--	
10/1/2002	478.38	37.70	0	440.68	-1.37	--	2000	5.4	ND<0.50	62	ND<1.0	--	2.6	--	
12/30/2002	478.38	31.63	0	446.75	6.07	--	130	ND<0.50	ND<0.50	2.3	ND<1.0	--	ND<2.0	--	
5/2/2003	478.38	31.49	0	446.89	0.14	--	150	ND<0.50	ND<0.50	1.8	1.7	--	82	--	
7/1/2003	478.38	32.88	0	445.50	-1.39	--	190	1.8	ND<0.50	9.4	8.7	--	36	--	
10/3/2003	478.38	36.54	0	441.84	-3.66	--	ND<10000	140	ND<100	940	560	--	ND<400	--	
1/8/2004	478.38	30.45	0	447.93	6.09	--	3500	29	32	90	89	--	27	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
4/15/2004	478.38	29.48	0	448.90	0.97	--	2400	19	ND<2.5	91	53	--	16	--	
7/15/2004	478.38	34.30	0	444.08	-4.82	--	8500	150	5.7	970	560	--	24	--	
12/8/2004	478.38	34.80	0	443.58	-0.50	--	2700	16	ND<2.5	28	ND<5.0	--	10	--	
3/23/2005	478.38	25.08	0	453.30	9.72	--	960	2.7	ND<0.50	9.6	4.8	--	2.5	--	
6/28/2005	478.38	28.75	0	449.63	-3.67	--	12000	120	4.9	930	780	--	21	--	
9/23/2005	478.38	32.38	0	446.00	-3.63	--	5200	78	ND<25	540	230	--	34	--	
12/30/2005	478.38	30.43	0	447.95	1.95	--	2400	15	0.67	99	12	--	3.5	--	
3/24/2006	478.38	25.94	0	452.44	4.49	--	4300	52	ND<5.0	440	160	--	11	--	
6/26/2006	478.38	28.07	0	450.31	-2.13	--	5300	59	ND<5.0	520	300	--	ND<5.0	--	
9/26/2006	478.38	33.31	0	445.07	-5.24	--	7400	78	ND<5.0	490	160	--	6.4	--	
11/21/2006	478.38	31.65	0	446.73	1.66	--	1500	5.5	ND<0.50	37	2.4	--	1.4	--	
3/26/2007	478.38	29.25	0	449.13	2.40	--	480	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.50	--	
6/27/2007	478.38	35.09	0	443.29	-5.84	--	110	1.2	ND<0.50	1.3	ND<0.50	--	0.86	--	
9/23/2007	478.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/20/2007	478.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	478.38	33.82	0	444.56	--	--	580	1.5	ND<0.50	3.2	ND<1.0	--	ND<0.50	--	
6/12/2008	478.38	38.16	0	440.22	-4.34	--	2100	11	0.79	27	2.3	--	1.1	--	
9/3/2008	478.38	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	480.40	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.40	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.40	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	480.40	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/15/2010	480.40	33.37	0	447.03	--	--	1900	35	2.7	50	7.1	--	14	--	
12/20/2010	480.40	34.49	0	445.91	-1.12	--	2000	29	2.9	94	10	--	12	--	
U-7															
1/3/2002	478.74	32.43	0	446.31	--	3100	--	93	ND<10	35	73	140	130	--	
4/5/2002	478.74	34.06	0	444.68	-1.63	630	--	22	0.53	2.6	ND<0.50	45	--	--	
7/2/2002	478.74	35.28	0	443.46	-1.22	--	1100	21	ND<0.50	6.9	ND<1.0	--	60	--	
10/1/2002	478.74	37.70	0	441.04	-2.42	--	1700	11	ND<0.50	3.1	ND<1.0	--	25	--	
12/30/2002	478.74	31.93	0	446.81	5.77	--	4600	41	5.3	32	13	--	34	--	
5/2/2003	478.74	31.81	0	446.93	0.12	--	3000	17	2.7	14	5.1	--	42	--	
7/1/2003	478.74	33.47	0	445.27	-1.66	--	2300	11	0.53	8.0	1.5	--	35	--	
10/3/2003	478.74	35.84	0	442.90	-2.37	--	6500	30	ND<5.0	41	ND<10	--	53	--	
1/8/2004	478.74	30.35	0	448.39	5.49	--	1600	4.0	ND<1.0	4.2	8.7	--	56	--	
4/15/2004	478.74	29.03	0	449.71	1.32	--	3600	22	1.3	64	40	--	57	--	
7/15/2004	478.74	33.52	0	445.22	-4.49	--	4700	15	1.2	59	57	--	50	--	
12/8/2004	478.74	34.68	0	444.06	-1.16	--	5800	26	1.9	63	27	--	52	--	
3/23/2005	478.74	24.49	0	454.25	10.19	--	5600	18	1.3	42	14	--	39	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
6/28/2005	478.74	28.83	0	449.91	-4.34	--	5400	16	1.1	35	10	--	45	--	
9/23/2005	478.74	32.35	0	446.39	-3.52	--	2400	13	1.3	31	6.9	--	46	--	
12/30/2005	478.74	30.18	0	448.56	2.17	--	2500	11	1.1	28	4.3	--	35	--	
3/24/2006	478.74	25.06	0	453.68	5.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	32	--	
6/26/2006	478.74	28.30	0	450.44	-3.24	--	2500	11	1.1	45	15	--	55	--	
9/26/2006	478.74	33.47	0	445.27	-5.17	--	2300	7.8	0.84	17	2.1	--	61	--	
11/21/2006	478.74	31.66	0	447.08	1.81	--	3000	15	1.1	26	2.2	--	69	--	
3/26/2007	478.74	29.82	0	448.92	1.84	--	2200	1.2	ND<0.50	ND<0.50	ND<0.50	--	70	--	
6/27/2007	478.74	36.59	0	442.15	-6.77	--	590	5.8	ND<0.50	3.3	0.94	--	100	--	
9/23/2007	478.74	44.05	0	434.69	-7.46	--	--	--	--	--	--	--	--	--	Not enough water to sample
12/20/2007	478.74	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/2008	478.74	33.83	0	444.91	--	--	1200	1.9	ND<0.50	0.82	ND<1.0	--	27	--	
6/12/2008	478.74	38.56	0	440.18	-4.73	--	1200	1.9	ND<0.50	1.1	ND<1.0	--	40	--	
9/3/2008	478.74	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/3/2008	480.78	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.78	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.78	38.80	0	441.98	--	--	1100	2.4	0.80	3.2	ND<1.0	--	8.2	--	
12/9/2009	480.78	37.08	0	443.70	1.72	--	1200	2.8	0.72	5.3	1.5	--	8.1	--	
6/15/2010	480.78	33.84	0	446.94	3.24	--	1700	4.3	1.7	24	1.2	--	26	--	
12/20/2010	480.78	33.53	0	447.25	0.31	--	1600	2.9	0.83	7.9	ND<1.0	--	13	--	
U-8															
12/3/2008	480.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.43	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	480.43	38.22	0	442.21	--	--	7200	42	ND<2.5	50	250	--	ND<2.5	--	
6/15/2010	480.43	32.91	0	447.52	5.31	--	2000	22	1.3	12	4.2	--	ND<1.0	--	
12/20/2010	480.43	29.57	0	450.86	3.34	--	2400	11	ND<1.0	22	12	--	ND<1.0	--	
U-9															
12/3/2008	479.39	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	479.39	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	479.39	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/9/2009	479.39	40.70	0	438.69	--	--	8800	51	ND<0.50	300	74	--	23	--	
6/15/2010	479.39	33.64	0	445.75	7.06	--	2000	10	2.1	61	18	--	4.9	--	
12/20/2010	479.39	32.35	0	447.04	1.29	--	1900	7.0	2.0	45	9.7	--	4.3	--	
U-10															
12/3/2008	480.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.51	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.51	44.30	0	436.21	--	--	1400	15	1.1	12	12	--	88	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 20, 2010
76 Station 4186

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	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
12/9/2009	480.51	41.45	0	439.06	2.85	--	4300	280	71	180	900	--	320	--	
6/15/2010	480.51	34.42	0	446.09	7.03	--	12000	550	70	780	1400	--	530	--	
12/20/2010	480.51	34.32	0	446.19	0.10	--	2100	79	2.4	98	33	--	98	--	
U-11															
12/3/2008	480.34	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
2/18/2009	480.34	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry
6/11/2009	480.34	43.18	0	437.16	--	--	1200	0.93	ND<0.50	ND<0.50	ND<1.0	--	2500	--	
12/9/2009	480.34	39.62	0	440.72	3.56	--	1300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	2100	--	
6/15/2010	480.34	32.41	0	447.93	7.21	--	2800	ND<12	ND<12	21	ND<25	--	3600	--	
12/20/2010	480.34	32.66	0	447.68	-0.25	--	1700	ND<10	ND<10	ND<10	ND<20	--	1400	--	
U-12															
12/3/2008	480.75	50.08	0	430.67	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
2/18/2009	480.75	46.10	0	434.65	3.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/11/2009	480.75	45.85	0	434.90	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/9/2009	480.75	40.74	0	440.01	5.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/15/2010	480.75	33.53	0	447.22	7.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	480.75	34.02	0	446.73	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
U-13															
12/3/2008	480.31	50.74	0	429.57	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.85	--	
2/18/2009	480.31	45.87	0	434.44	4.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	--	
6/11/2009	480.31	46.60	0	433.71	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.81	--	
12/9/2009	480.31	41.28	0	439.03	5.32	--	ND<50	ND<0.50	1.1	ND<0.50	ND<1.0	--	ND<0.50	--	
6/15/2010	480.31	34.14	0	446.17	7.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	480.31	34.44	0	445.87	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
U-14															
12/3/2008	479.38	49.90	0	429.48	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	--	
2/18/2009	479.38	46.65	0	432.73	3.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/11/2009	479.38	45.75	0	433.63	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/9/2009	479.38	40.60	0	438.78	5.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/15/2010	479.38	33.40	0	445.98	7.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
12/20/2010	479.38	33.74	0	445.64	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
U-15															
12/3/2008	479.99	49.58	0	430.41	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
2/18/2009	479.99	45.58	0	434.41	4.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	--	
6/11/2009	479.99	45.45	0	434.54	0.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	--	
12/9/2009	479.99	40.38	0	439.61	5.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
6/15/2010	479.99	33.22	0	446.77	7.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	--	
12/20/2010	479.99	33.79	0	446.20	-0.57	--	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 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
U-1													
10/2/2000	ND	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500000	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<500	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	ND<50	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<100	--	ND<50	--	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	140	ND<50	3500	
U-2													
10/2/2000	ND	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500000	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<500	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	730	--	--	--	--	--	--	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
9/23/2007	69	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	--	58	--	2000	
6/12/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<100	--	ND<50	--	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	850	
U-3													
10/2/2000	63000	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	49300	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
4/3/2001	22200	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
7/2/2001	27000	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
10/8/2001	33000	D<14000000	ND<290	ND<290	ND<290	ND<290	ND<290	--	--	--	--	--	
1/3/2002	17000	ID<5000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	
4/5/2002	66000	ID<2500000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	
7/2/2002	47000	ID<1300000	ND<250	ND<250	ND<500	ND<250	ND<250	--	--	--	--	--	
10/1/2002	ND<50000	D<25000000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--	--	--	
12/30/2002	23000	D<10000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--	
5/2/2003	25000	ID<5000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--	--	--	
7/1/2003	32000	D<10000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--	
10/3/2003	39000	ND<50000	ND<200	ND<200	ND<2.0	ND<200	ND<200	--	--	--	--	--	
1/8/2004	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--	
4/15/2004	18000	ND<2500	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--	
7/15/2004	15000	ND<2500	ND<25	ND<25	ND<50	ND<25	ND<25	--	--	--	--	--	
12/8/2004	34000	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	--	--	--	--	
3/23/2005	--	ND<5000	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<50000	--	--	--	--	--	--	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
12/30/2005	2000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.58	--	--	--	--	--	
3/24/2006	--	ND<2500	--	--	--	--	--	--	--	--	--	--	
6/26/2006	18000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
9/26/2006	--	ND<1200	--	--	--	--	--	--	--	--	--	--	
11/21/2006	33000	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	
3/26/2007	13000	ND<250	ND<0.50	0.95	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	20000	ND<250	ND<0.50	0.79	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
9/23/2007	19000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	15000	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	95	ND<50	1700	
6/12/2008	21000	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	--	210	--	2800	
12/9/2009	8800	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/15/2010	11000	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	92	ND<50	1600	
12/20/2010	2800	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	130	ND<50	1700	
U-4													
4/3/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
7/2/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
1/3/2002	ND<20	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500000	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<500	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	ND<50	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
6/27/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	2000	
6/12/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	2500	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	2200	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	1200	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	1200	
U-5													
4/3/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
7/2/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
10/8/2001	ND<100	ND<1000000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	
1/3/2002	ND<20	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<500	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<50	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	ND<50	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<2500	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	1300	
6/12/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	830	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	1300	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	460	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	520	
U-6													
1/3/2002	ND<200	ND<500000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500000	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<100000	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<5000	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<250	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<250	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	ND<50	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<50000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<2500	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<2500	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<2500	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	520	
6/12/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	910	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	690	
12/20/2010	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	720	
U-7													
1/3/2002	30	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	ND<500000	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	ND<5000	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	ND<100	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	ND<100	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	ND<100	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	ND<100	--	--	--	--	--	--	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
6/28/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	ND<1000	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	ND<250	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	ND<250	--	--	--	--	--	--	--	--	--	--	
11/21/2006	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/26/2007	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
6/27/2007	14	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
3/17/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	670	
6/12/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	520	
6/11/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	380	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	390	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	340	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	460	
U-8													
12/9/2009	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<100	ND<100	ND<50	ND<50	650	
6/15/2010	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	390	
12/20/2010	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	430	
U-9													
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	96	
6/15/2010	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	510	
12/20/2010	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	460	
U-10													
6/11/2009	98	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<100	--	ND<50	--	
12/9/2009	1100	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	150	
6/15/2010	2400	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<100	ND<100	ND<50	ND<50	290	
12/20/2010	610	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	ND<100	ND<50	ND<50	290	
U-11													
6/11/2009	6800	ND<250	ND<0.50	1.8	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	
12/9/2009	10000	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<100	ND<100	ND<50	ND<50	170	
6/15/2010	6600	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	ND<100	ND<100	51	ND<50	560	
12/20/2010	3700	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	ND<100	ND<100	ND<50	ND<50	370	
U-12													
12/3/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	330	
2/18/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	370	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Antimony (total) (µg/l)	Antimony (dissolved) (µg/l)	Arsenic (total) (µg/l)	Arsenic (dissolved) (µg/l)	Barium (total) (µg/l)	Comments
6/11/2009	15	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	400	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	360	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	350	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	370	
U-13													
12/3/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	140	
2/18/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	120	
6/11/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	120	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	15	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	13	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	46	
U-14													
12/3/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	340	
2/18/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	350	
6/11/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	340	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	310	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	260	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	250	
U-15													
12/3/2008	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	320	
2/18/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	140	
6/11/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	52	
12/9/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	96	
6/15/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	28	
12/20/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	ND<100	ND<50	ND<50	55	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
U-1													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	--	--	--	--	--	--	ND<2.0	--	--	--	--	--	
6/15/2010	430	--	ND<10	--	ND<10	73	ND<2.0	--	ND<10	--	ND<50	ND<10	
12/20/2010	390	ND<10	ND<10	ND<10	ND<10	60	2.6	1400	ND<10	390	ND<50	ND<10	
U-2													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	--	ND<10	--	ND<10	--	--	ND<2.0	540	--	150	--	--	
6/12/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	300	--	ND<10	--	ND<10	57	ND<2.0	--	ND<10	--	ND<50	ND<10	
12/20/2010	250	ND<10	ND<10	ND<10	ND<10	43	2.7	230	ND<10	64	ND<50	ND<10	
U-3													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/5/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	410	ND<10	ND<10	ND<10	ND<10	59	ND<2.0	450	ND<10	140	ND<50	ND<10	
6/12/2008	--	ND<10	--	ND<10	--	--	--	980	--	350	--	--	
12/9/2009	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	410	ND<10	ND<10	ND<10	ND<10	56	ND<2.0	420	ND<10	130	ND<50	ND<10	
12/20/2010	360	ND<10	ND<10	ND<10	ND<10	44	ND<2.0	560	ND<10	170	ND<50	ND<10	
U-4													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	470	ND<10	ND<10	ND<10	ND<10	68	ND<2.0	410	ND<10	140	ND<50	ND<10	
6/12/2008	52	ND<10	ND<10	ND<10	ND<10	2.4	ND<2.0	610	ND<10	180	ND<50	ND<10	
12/9/2009	500	ND<10	ND<10	ND<10	ND<10	62	ND<2.0	610	ND<10	200	ND<50	ND<10	
6/15/2010	420	ND<10	ND<10	ND<10	ND<10	69	30	270	29	80	ND<50	ND<10	
12/20/2010	440	ND<10	ND<10	ND<10	ND<10	59	ND<2.0	240	ND<10	80	ND<50	ND<10	
U-5													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	390	ND<10	ND<10	ND<10	ND<10	67	ND<2.0	110	--	ND<50	ND<50	ND<10	
6/12/2008	370	ND<10	ND<10	ND<10	ND<10	66	ND<2.0	86	ND<10	ND<50	ND<50	ND<10	
12/9/2009	410	ND<10	ND<10	ND<10	ND<10	62	ND<2.0	180	ND<10	50	ND<50	ND<10	
6/15/2010	390	ND<10	ND<10	ND<10	ND<10	59	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10	
12/20/2010	390	ND<10	ND<10	ND<10	ND<10	60	ND<2.0	12	ND<10	ND<50	ND<50	ND<10	
U-6													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	330	ND<10	ND<10	ND<10	ND<10	73	ND<2.0	34	ND<10	ND<50	ND<50	ND<10	
6/12/2008	600	ND<10	ND<10	ND<10	ND<10	69	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10	
6/15/2010	500	ND<10	ND<10	ND<10	ND<10	79	ND<2.0	37	ND<10	ND<50	ND<50	ND<10	
12/20/2010	510	ND<10	ND<10	ND<10	ND<10	72	ND<2.0	54	ND<10	ND<50	ND<50	ND<10	
U-7													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	510	ND<10	ND<10	ND<10	ND<10	68	ND<2.0	28	ND<10	ND<50	ND<50	ND<10	
6/12/2008	490	ND<10	ND<10	ND<10	ND<10	60	ND<2.0	10	ND<10	ND<50	ND<50	ND<10	
6/11/2009	340	ND<10	ND<10	ND<10	ND<10	31	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10	
12/9/2009	280	ND<10	ND<10	ND<10	ND<10	37	ND<2.0	27	ND<10	ND<50	ND<50	ND<10	
6/15/2010	300	ND<10	ND<10	ND<10	ND<10	40	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10	
12/20/2010	440	ND<10	ND<10	ND<10	ND<10	42	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10	
U-8													
12/9/2009	200	ND<10	ND<10	ND<10	ND<10	53	ND<2.0	ND<10	ND<10	78	ND<50	ND<10	
6/15/2010	320	ND<10	ND<10	ND<10	ND<10	47	ND<2.0	27	ND<10	ND<50	ND<50	ND<10	
12/20/2010	390	ND<10	ND<10	ND<10	ND<10	44	ND<2.0	13	ND<10	ND<50	ND<50	ND<10	
U-9													
12/9/2009	64	ND<10	ND<10	ND<10	ND<10	69	ND<2.0	18	ND<10	ND<50	ND<50	ND<10	
6/15/2010	270	ND<10	ND<10	ND<10	ND<10	50	ND<2.0	79	ND<10	ND<50	ND<50	ND<10	
12/20/2010	350	ND<10	ND<10	ND<10	ND<10	43	ND<2.0	53	ND<10	ND<50	ND<50	ND<10	
U-10													
6/11/2009	50	--	ND<10	--	ND<10	40	ND<2.0	--	ND<10	--	ND<50	ND<10	
12/9/2009	59	ND<10	ND<10	ND<10	ND<10	47	ND<2.0	34	ND<10	ND<50	ND<50	ND<10	
6/15/2010	250	ND<10	ND<10	ND<10	ND<10	50	ND<2.0	23	ND<10	ND<50	ND<50	ND<10	
12/20/2010	150	ND<10	ND<10	ND<10	ND<10	48	ND<2.0	83	ND<10	ND<50	ND<50	ND<10	
U-11													
6/11/2009	--	--	--	--	--	--	--	--	--	--	--	--	
12/9/2009	89	ND<10	ND<10	ND<10	ND<10	61	ND<2.0	31	ND<10	ND<50	ND<50	ND<10	
6/15/2010	30	ND<10	ND<10	ND<10	ND<10	230	ND<2.0	54	ND<10	50	ND<50	ND<10	
12/20/2010	43	ND<10	ND<10	ND<10	ND<10	120	ND<2.0	44	ND<10	ND<50	ND<50	ND<10	
U-12													
12/3/2008	330	ND<10	ND<10	ND<10	ND<10	51	2.7	11	ND<10	ND<50	ND<50	ND<10	
2/18/2009	330	ND<10	ND<10	ND<10	ND<10	50	2.7	ND<10	ND<10	ND<50	ND<50	ND<10	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Barium (dissolved) (µg/l)	Beryllium (total) (µg/l)	Beryllium (dissolved) (µg/l)	Cadmium (total) (µg/l)	Cadmium (dissolved) (µg/l)	Calcium ()	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)	Comments
6/11/2009	320	ND<10	ND<10	ND<10	ND<10	47	ND<2.0	21	ND<10	ND<50	ND<50	ND<10	
12/9/2009	330	ND<10	ND<10	ND<10	ND<10	47	2.3	ND<10	ND<10	ND<50	ND<50	ND<10	
6/15/2010	320	ND<10	ND<10	ND<10	ND<10	48	2.2	ND<10	ND<10	ND<50	ND<50	ND<10	
12/20/2010	340	ND<10	ND<10	ND<10	ND<10	50	2.5	ND<10	ND<10	ND<50	ND<50	36	
U-13													
12/3/2008	110	ND<10	ND<10	ND<10	ND<10	24	85	93	86	ND<50	ND<50	ND<10	
2/18/2009	98	ND<10	ND<10	ND<10	ND<10	22	88	88	88	ND<50	ND<50	ND<10	
6/11/2009	110	ND<10	ND<10	ND<10	ND<10	24	82	84	78	ND<50	ND<50	ND<10	
12/9/2009	10	ND<10	ND<10	ND<10	ND<10	3.9	67	74	70	ND<50	ND<50	ND<10	
6/15/2010	13	ND<10	ND<10	ND<10	ND<10	1.8	48	50	48	ND<50	ND<50	ND<10	
12/20/2010	42	ND<10	ND<10	ND<10	ND<10	8.0	26	28	28	ND<50	ND<50	10	
U-14													
12/3/2008	320	ND<10	ND<10	ND<10	ND<10	47	3.0	ND<10	ND<10	ND<50	ND<50	ND<10	
2/18/2009	320	ND<10	ND<10	ND<10	ND<10	46	3.4	ND<10	ND<10	ND<50	ND<50	ND<10	
6/11/2009	310	ND<10	ND<10	ND<10	ND<10	45	2.9	16	ND<10	ND<50	ND<50	ND<10	
12/9/2009	270	ND<10	ND<10	ND<10	ND<10	42	2.9	ND<10	ND<10	ND<50	ND<50	ND<10	
6/15/2010	220	ND<10	ND<10	ND<10	ND<10	36	3.9	ND<10	ND<10	ND<50	ND<50	ND<10	
12/20/2010	240	ND<10	ND<10	ND<10	ND<10	40	3.9	ND<10	ND<10	ND<50	ND<50	23	
U-15													
12/3/2008	300	ND<10	ND<10	ND<10	ND<10	47	3.7	ND<10	ND<10	ND<50	ND<50	ND<10	
2/18/2009	91	ND<10	ND<10	ND<10	ND<10	14	10	11	ND<10	ND<50	ND<50	ND<10	
6/11/2009	30	ND<10	ND<10	ND<10	ND<10	4.6	9.0	12	ND<10	ND<50	ND<50	ND<10	
12/9/2009	64	ND<10	ND<10	ND<10	ND<10	13	17	20	17	ND<50	ND<50	ND<10	
6/15/2010	19	ND<10	ND<10	ND<10	ND<10	3.8	22	25	21	ND<50	ND<50	ND<10	
12/20/2010	38	ND<10	ND<10	ND<10	ND<10	6.5	34	39	36	ND<50	ND<50	ND<10	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
U-1													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	--	ND<50	--	100	11	--	ND<0.20	--	ND<50	--	ND<10	2.9	
12/20/2010	860	ND<50	180	85	ND<10	1.1	ND<0.20	ND<50	ND<50	3700	ND<10	3.5	
U-2													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	330	--	71	--	--	1.7	--	ND<50	--	1500	--	--	
6/12/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	--	ND<50	--	85	ND<10	--	ND<0.20	--	ND<50	--	ND<10	2.2	
12/20/2010	140	ND<50	ND<50	64	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	630	ND<10	3.6	
U-3													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/5/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	240	ND<50	65	94	2600	0.84	ND<0.20	ND<50	ND<50	1200	ND<10	1.6	
6/12/2008	590	--	160	--	--	2.4	--	81	--	2800	--	--	
12/9/2009	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	230	ND<50	67	91	2300	ND<0.20	ND<0.20	ND<50	ND<50	1200	ND<10	1.6	
12/20/2010	300	ND<50	77	71	1900	0.52	ND<0.20	ND<50	ND<50	1500	ND<10	2.2	
U-4													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	250	ND<50	ND<50	88	2000	ND<0.20	ND<0.20	ND<50	ND<50	1300	ND<10	2.3	
6/12/2008	360	ND<50	53	7.7	720	2.5	ND<0.20	ND<50	ND<50	2100	ND<10	ND<1.0	
12/9/2009	300	ND<50	59	91	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	2000	ND<10	2.7	
6/15/2010	110	ND<50	ND<50	87	ND<10	0.63	ND<0.20	ND<50	ND<50	770	ND<10	2.8	
12/20/2010	120	ND<50	ND<50	85	210	0.36	ND<0.20	ND<50	ND<50	750	ND<10	3.3	
U-5													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	72	ND<50	ND<50	89	76	0.55	ND<0.20	ND<50	ND<50	360	ND<10	2.4	
6/12/2008	53	ND<50	ND<50	73	36	0.26	ND<0.20	ND<50	ND<50	290	ND<10	1.9	
12/9/2009	110	ND<50	ND<50	79	1000	ND<0.20	ND<0.20	ND<50	ND<50	540	ND<10	2.4	
6/15/2010	ND<10	ND<50	ND<50	78	660	ND<0.20	ND<0.20	ND<50	ND<50	30	ND<10	2.2	
12/20/2010	12	ND<50	ND<50	79	500	ND<0.20	ND<0.20	ND<50	ND<50	47	ND<10	2.7	
U-6													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	17	ND<50	ND<50	120	4300	ND<0.20	ND<0.20	ND<50	ND<50	91	ND<10	1.0	
6/12/2008	ND<10	ND<50	ND<50	110	3800	0.60	ND<0.20	ND<50	ND<50	47	ND<10	1.3	
6/15/2010	25	ND<50	ND<50	140	3900	ND<0.20	ND<0.20	ND<50	ND<50	100	ND<10	1.4	
12/20/2010	27	ND<50	ND<50	120	3500	ND<0.20	ND<0.20	ND<50	ND<50	160	ND<10	2.1	
U-7													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	16	ND<50	ND<50	110	2300	ND<0.20	ND<0.20	ND<50	ND<50	79	ND<10	2.4	
6/12/2008	ND<10	ND<50	ND<50	92	2400	ND<0.20	ND<0.20	ND<50	ND<50	38	ND<10	2.4	
6/11/2009	ND<10	ND<0.05	ND<50	50	1100	ND<0.20	ND<0.20	ND<50	ND<50	25	ND<10	2.6	
12/9/2009	14	ND<50	ND<50	64	1800	ND<0.20	ND<0.20	ND<50	ND<50	74	ND<10	2.1	
6/15/2010	ND<10	ND<50	ND<50	68	1900	ND<0.20	ND<0.20	ND<50	ND<50	12	ND<10	1.8	
12/20/2010	ND<10	ND<50	ND<50	70	1900	ND<0.20	ND<0.20	ND<50	ND<50	17	ND<10	2.8	
U-8													
12/9/2009	130	ND<50	ND<50	91	4000	ND<0.20	ND<0.20	ND<50	ND<50	690	ND<10	2.8	
6/15/2010	11	ND<50	ND<50	83	2600	ND<0.20	ND<0.20	ND<50	ND<50	57	ND<10	1.8	
12/20/2010	ND<10	ND<50	ND<50	77	1900	ND<0.20	ND<0.20	ND<50	ND<50	28	ND<10	2.1	
U-9													
12/9/2009	15	ND<50	ND<50	120	3800	ND<0.20	ND<0.20	ND<50	ND<50	35	ND<10	8.5	
6/15/2010	40	ND<50	ND<50	96	2500	ND<0.20	ND<0.20	ND<50	ND<50	230	ND<10	3.2	
12/20/2010	27	ND<50	ND<50	83	2100	ND<0.20	ND<0.20	ND<50	ND<50	150	ND<10	2.8	
U-10													
6/11/2009	--	ND<0.05	--	87	780	--	ND<0.20	--	ND<50	--	ND<10	30	
12/9/2009	17	ND<50	ND<50	110	1400	ND<0.20	ND<0.20	ND<50	ND<50	110	ND<10	29	
6/15/2010	19	ND<50	ND<50	110	2200	ND<0.20	ND<0.20	ND<50	ND<50	68	ND<10	7.5	
12/20/2010	39	ND<50	ND<50	96	2100	0.28	ND<0.20	ND<50	ND<50	260	ND<10	8.4	
U-11													
6/11/2009	--	--	--	--	--	--	--	--	--	--	--	--	
12/9/2009	22	ND<50	ND<50	110	2500	ND<0.20	ND<0.20	ND<50	ND<50	83	ND<10	4.3	
6/15/2010	33	ND<50	ND<50	1800	20000	ND<0.20	ND<0.20	ND<50	ND<50	230	93	4.1	
12/20/2010	27	ND<50	ND<50	450	7000	ND<0.20	ND<0.20	ND<50	ND<50	180	43	3.8	
U-12													
12/3/2008	12	ND<50	ND<50	73	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	24	ND<10	2.6	
2/18/2009	ND<10	ND<50	ND<50	71	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	12	ND<10	2.3	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) ()	Lead (total) (µg/l)	Magnesium (dissolved) (mg/l)	Manganese (dissolved) (µg/l)	Mercury (total) (µg/l)	Mercury (dissolved) (µg/l)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)	Nickel (total) (µg/l)	Nickel (dissolved) (µg/l)	Potassium ()	Comments
6/11/2009	ND<10	ND<0.05	ND<50	70	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	62	ND<10	2.2	
12/9/2009	ND<10	ND<50	ND<50	70	26	ND<0.20	ND<0.20	ND<50	ND<50	10	ND<10	2.7	
6/15/2010	ND<10	ND<50	ND<50	69	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	10	ND<10	2.4	
12/20/2010	43	ND<50	ND<50	71	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	12	ND<10	2.8	
U-13													
12/3/2008	21	ND<50	ND<50	53	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	8.3	
2/18/2009	ND<10	ND<50	ND<50	52	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	14	
6/11/2009	ND<10	ND<0.05	ND<50	53	12	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	13	
12/9/2009	ND<10	ND<50	ND<50	45	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	88	
6/15/2010	ND<10	ND<50	ND<50	47	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	71	
12/20/2010	13	ND<50	ND<50	64	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	63	
U-14													
12/3/2008	26	ND<50	ND<50	67	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	15	ND<10	2.6	
2/18/2009	ND<10	ND<50	ND<50	66	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	2.5	
6/11/2009	ND<10	ND<0.05	ND<50	64	17	ND<0.20	ND<0.20	ND<50	ND<50	40	ND<10	2.5	
12/9/2009	ND<10	ND<50	ND<50	53	27	ND<0.20	ND<0.20	ND<50	ND<50	10	ND<10	3.1	
6/15/2010	ND<10	ND<50	ND<50	44	21	ND<0.20	ND<0.20	ND<50	ND<50	13	ND<10	3.9	
12/20/2010	31	ND<50	ND<50	47	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	4.8	
U-15													
12/3/2008	12	ND<50	ND<50	69	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	3.7	
2/18/2009	ND<10	ND<50	ND<50	62	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	39	
6/11/2009	ND<10	ND<0.05	ND<50	62	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	36	
12/9/2009	ND<10	ND<50	ND<50	70	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	11	ND<10	41	
6/15/2010	ND<10	ND<50	ND<50	65	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	17	10	52	
12/20/2010	ND<10	ND<50	ND<50	67	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	15	12	72	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
U-1													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	--	ND<100	--	ND<10	61	--	ND<100	--	ND<10	ND<10	--	58	
12/20/2010	ND<100	ND<100	ND<10	ND<10	55	ND<100	ND<100	570	ND<10	ND<10	1300	42	
U-2													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	--	ND<10	--	--	ND<100	--	240	--	--	590	--	
6/12/2008	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	--	ND<100	--	ND<10	66	--	ND<100	--	ND<10	ND<10	--	28	
12/20/2010	ND<100	ND<100	ND<10	ND<10	56	ND<100	ND<100	110	ND<10	ND<10	260	17	
U-3													
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/5/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	ND<100	ND<10	ND<10	41	ND<100	ND<100	190	ND<10	ND<10	360	14	
6/12/2008	ND<100	--	ND<10	--	--	ND<100	--	410	--	--	970	--	
12/9/2009	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2010	ND<100	ND<100	ND<10	ND<10	36	ND<100	ND<100	170	ND<10	ND<10	360	9.9	
12/20/2010	ND<100	ND<100	ND<10	ND<10	32	ND<100	ND<100	230	ND<10	ND<10	470	6.9	
U-4													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	ND<100	ND<10	ND<10	35	ND<100	ND<100	190	ND<10	ND<10	340	37	
6/12/2008	ND<100	ND<100	ND<10	ND<10	9.0	ND<100	ND<100	260	ND<10	ND<10	420	38	
12/9/2009	ND<100	ND<100	ND<10	ND<10	35	ND<100	ND<100	230	ND<10	ND<10	400	35	
6/15/2010	ND<100	ND<100	ND<10	ND<10	65	ND<100	ND<100	96	ND<10	ND<10	190	44	
12/20/2010	ND<100	ND<100	ND<10	ND<10	33	ND<100	ND<100	94	ND<10	ND<10	190	31	
U-5													
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	ND<100	ND<10	ND<10	49	ND<100	ND<100	60	ND<100	ND<10	120	32	
6/12/2008	ND<100	ND<100	ND<10	ND<10	26	ND<100	ND<100	44	ND<10	ND<10	87	31	
12/9/2009	ND<100	ND<100	ND<10	ND<10	32	ND<100	ND<100	93	ND<10	ND<10	180	43	
6/15/2010	ND<100	ND<100	ND<10	ND<10	42	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	61	
12/20/2010	ND<100	ND<100	ND<10	ND<10	38	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	67	
U-6													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	ND<100	ND<10	ND<10	90	ND<100	ND<100	15	ND<10	ND<10	79	160	
6/12/2008	ND<100	ND<100	ND<10	ND<10	76	ND<100	ND<100	ND<10	ND<10	11	ND<50	190	
6/15/2010	ND<100	ND<100	ND<10	ND<10	96	ND<100	ND<100	14	ND<10	ND<10	72	170	
12/20/2010	ND<100	ND<100	ND<10	ND<10	93	ND<100	ND<100	22	ND<10	ND<10	57	190	
U-7													
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2003	--	--	--	--	--	--	--	--	--	--	--	--	
10/3/2003	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
4/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	
12/8/2004	--	--	--	--	--	--	--	--	--	--	--	--	
3/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
6/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	
9/23/2005	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/2005	--	--	--	--	--	--	--	--	--	--	--	--	
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/26/2006	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/2006	--	--	--	--	--	--	--	--	--	--	--	--	
3/26/2007	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2008	ND<100	ND<100	ND<10	ND<10	68	ND<100	ND<100	12	ND<10	ND<10	51	91	
6/12/2008	ND<100	ND<100	ND<10	ND<10	59	ND<100	ND<100	ND<10	ND<10	11	ND<50	120	
6/11/2009	ND<100	ND<100	ND<10	ND<10	62	ND<100	ND<100	ND<10	ND<10	26	ND<50	110	
12/9/2009	ND<100	ND<100	ND<10	ND<10	64	ND<100	ND<100	13	ND<10	ND<10	ND<50	110	
6/15/2010	ND<100	ND<100	ND<10	ND<10	66	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	110	
12/20/2010	ND<100	ND<100	ND<10	ND<10	64	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	87	
U-8													
12/9/2009	ND<100	ND<100	ND<10	ND<10	58	ND<100	ND<100	96	ND<10	ND<10	180	59	
6/15/2010	ND<100	ND<100	ND<10	ND<10	50	ND<100	ND<100	10	ND<10	ND<10	ND<50	59	
12/20/2010	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	50	
U-9													
12/9/2009	ND<100	ND<100	ND<10	ND<10	84	ND<100	ND<100	ND<10	ND<10	ND<10	55	100	
6/15/2010	ND<100	ND<100	ND<10	ND<10	61	ND<100	ND<100	31	ND<10	ND<10	94	70	
12/20/2010	ND<100	ND<100	ND<10	ND<10	54	ND<100	ND<100	22	ND<10	ND<10	55	64	
U-10													
6/11/2009	--	ND<100	--	ND<10	170	--	ND<100	--	ND<10	24	--	110	
12/9/2009	ND<100	ND<100	ND<10	ND<10	130	ND<100	ND<100	16	ND<10	ND<10	ND<50	47	
6/15/2010	ND<100	ND<100	ND<10	ND<10	67	ND<100	ND<100	ND<10	ND<10	30	ND<50	46	
12/20/2010	ND<100	ND<100	ND<10	ND<10	55	ND<100	ND<100	31	ND<10	ND<10	85	34	
U-11													
6/11/2009	--	--	--	--	--	--	--	--	--	--	--	--	
12/9/2009	ND<100	ND<100	ND<10	ND<10	67	ND<100	ND<100	19	ND<10	ND<10	ND<50	70	
6/15/2010	ND<100	ND<100	ND<10	ND<10	120	ND<100	ND<100	29	ND<10	10	62	60	
12/20/2010	ND<100	ND<100	ND<10	ND<10	59	ND<100	ND<100	27	ND<10	ND<10	64	55	
U-12													
12/3/2008	ND<100	ND<100	ND<10	ND<10	49	ND<100	ND<100	ND<10	ND<10	26	ND<50	85	
2/18/2009	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	13	ND<50	86	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium ()	Thallium (total) (µg/l)	Thallium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Zinc (dissolved) (µg/l)	Zinc (total) (µg/l)	Chloride (mg/l)	Comments
6/11/2009	ND<100	ND<100	ND<10	ND<10	50	ND<100	ND<100	ND<10	ND<10	30	ND<50	91	
12/9/2009	ND<100	ND<100	ND<10	ND<10	51	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	83	
6/15/2010	ND<100	ND<100	ND<10	ND<10	50	ND<100	ND<100	ND<10	ND<10	18	ND<50	85	
12/20/2010	ND<100	ND<100	ND<10	ND<10	51	ND<100	ND<100	ND<10	ND<10	160	170	87	
U-13													
12/3/2008	ND<100	ND<100	ND<10	ND<10	59	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	95	
2/18/2009	ND<100	ND<100	ND<10	ND<10	65	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	96	
6/11/2009	ND<100	ND<100	ND<10	ND<10	66	ND<100	ND<100	ND<10	ND<10	29	ND<50	100	
12/9/2009	ND<100	ND<100	ND<10	ND<10	110	ND<100	ND<10	ND<10	ND<10	ND<10	ND<50	82	
6/15/2010	ND<100	ND<100	ND<10	ND<10	110	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	80	
12/20/2010	ND<100	ND<100	ND<10	ND<10	100	ND<100	ND<100	ND<10	ND<10	14	ND<50	81	
U-14													
12/3/2008	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	43	69	85	
2/18/2009	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	24	53	84	
6/11/2009	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	34	ND<50	86	
12/9/2009	ND<100	ND<100	ND<10	ND<10	41	ND<100	ND<100	ND<10	ND<10	21	64	66	
6/15/2010	ND<100	ND<100	ND<10	ND<10	35	ND<100	ND<100	ND<10	ND<10	19	57	55	
12/20/2010	ND<100	ND<100	ND<10	ND<10	36	ND<100	ND<100	ND<10	ND<10	59	84	56	
U-15													
12/3/2008	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	36	54	87	
2/18/2009	ND<100	ND<100	ND<10	ND<10	78	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	86	
6/11/2009	ND<100	ND<100	ND<10	ND<10	76	ND<100	ND<100	ND<10	ND<10	24	ND<50	92	
12/9/2009	ND<100	ND<100	ND<10	ND<10	80	ND<100	ND<100	ND<10	ND<10	ND<10	52	85	
6/15/2010	ND<100	ND<100	ND<10	ND<10	95	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	84	
12/20/2010	ND<100	ND<100	ND<10	ND<10	100	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	82	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
U-1												
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	
12/30/2002	--	--	--	--	--	--	--	0.60	--	--	91	
5/2/2003	--	--	--	--	--	--	--	0.50	--	--	90	
7/1/2003	--	--	--	--	--	--	--	0.60	--	--	110	
10/3/2003	--	--	--	--	--	--	--	3.79	--	--	329	
1/8/2004	--	--	--	--	--	--	--	12.36	--	--	184	
4/15/2004	--	--	--	--	--	--	--	10.56	--	--	213	
7/15/2004	--	--	--	--	--	--	--	6.62	--	--	251	
12/8/2004	--	--	--	--	--	--	--	2.66	--	--	68	
3/23/2005	--	--	--	--	--	--	--	3.12	--	--	091	
6/28/2005	--	--	--	--	--	--	--	8.84	--	--	153	
9/23/2005	--	--	--	--	--	--	--	2.26	--	--	187	
12/30/2005	--	--	--	--	--	--	--	7.74	--	--	159	
3/24/2006	--	--	--	--	--	--	--	4.02	3.88	036	016	
6/26/2006	--	--	--	--	--	--	--	7.05	5.50	008	007	
9/26/2006	--	--	--	--	--	--	--	4.24	4.66	203	200	
11/21/2006	--	--	--	--	--	--	--	4.24	4.56	1.97	2.00	
3/26/2007	--	--	--	--	--	--	--	6.58	6.98	107	102	
6/27/2007	--	--	--	--	--	--	--	4.98	4.85	20	34	
3/17/2008	--	--	--	--	--	--	--	3.12	2.43	151	153	
6/15/2010	0.15	17	40	740	1295	6.62	19.5	1.36	--	--	221	
12/20/2010	0.098	19	37	610	937.4	6.93	20.3	1.18	--	--	227	
U-2												
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	1.40	--	--	--	
12/30/2002	--	--	--	--	--	--	--	2.80	--	--	120	
5/2/2003	--	--	--	--	--	--	--	150.00	--	--	120	
7/1/2003	--	--	--	--	--	--	--	1.20	--	--	110	
10/3/2003	--	--	--	--	--	--	--	5.61	--	--	321	
1/8/2004	--	--	--	--	--	--	--	12.11	--	--	- 6	
4/15/2004	--	--	--	--	--	--	--	11.39	--	--	259	
7/15/2004	--	--	--	--	--	--	--	7.46	--	--	238	
12/8/2004	--	--	--	--	--	--	--	3.57	--	--	132	
3/23/2005	--	--	--	--	--	--	--	4.57	--	--	024	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
6/28/2005	--	--	--	--	--	--	--	8.08	--	--	230	
9/23/2005	--	--	--	--	--	--	--	5.47	--	--	188	
12/30/2005	--	--	--	--	--	--	--	8.33	--	--	177	
3/24/2006	--	--	--	--	--	--	--	4.80	6.20	-004	002	
6/26/2006	--	--	--	--	--	--	--	6.20	4.51	040	046	
9/26/2006	--	--	--	--	--	--	--	3.70	3.49	-31	-17	
11/21/2006	--	--	--	--	--	--	--	3.70	3.45	-29	-20	
3/26/2007	--	--	--	--	--	--	--	10.05	10.31	90	95	
6/27/2007	--	--	--	--	--	--	--	3.87	4.21	-63	-41	
9/23/2007	--	--	--	--	--	--	--	--	--	-133	-48	
3/17/2008	--	--	--	600	--	--	--	3.31	3.13	154	153	
6/12/2008	--	--	--	--	--	--	--	--	8.32	177	--	
6/15/2010	0.16	16	74	680	1108	6.54	19.5	3.00	--	--	202	
12/20/2010	0.099	16	47	500	878.7	6.89	18.9	4.44	--	--	246	
U-3												
10/2/2000	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	
4/5/2002	--	--	--	--	--	--	--	--	--	--	--	
7/2/2002	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	0.50	--	--	- 47	
12/30/2002	--	--	--	--	--	--	--	0.20	--	--	106	
5/2/2003	--	--	--	--	--	--	--	0.50	--	--	85	
7/1/2003	--	--	--	--	--	--	--	0.50	--	--	90	
10/3/2003	--	--	--	--	--	--	--	3.80	--	--	- 27	
1/8/2004	--	--	--	--	--	--	--	12.82	--	--	133	
4/15/2004	--	--	--	--	--	--	--	3.11	--	--	24	
7/15/2004	--	--	--	--	--	--	--	1.90	--	--	53	
12/8/2004	--	--	--	--	--	--	--	1.30	--	--	-81	
3/23/2005	--	--	--	--	--	--	--	0.52	--	--	-087	
6/28/2005	--	--	--	--	--	--	--	1.47	--	--	-151	
9/23/2005	--	--	--	--	--	--	--	1.40	--	--	-80	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
12/30/2005	--	--	--	--	--	--	--	1.45	--	--	-068	
3/24/2006	--	--	--	--	--	--	--	1.53	0.79	003	009	
6/26/2006	--	--	--	--	--	--	--	2.19	3.56	015	017	
9/26/2006	--	--	--	--	--	--	--	1.06	1.10	-72	-95	
11/21/2006	--	--	--	--	--	--	--	1.04	1.10	-83	-96	
3/26/2007	--	--	--	--	--	--	--	7.08	6.99	78	68	
6/27/2007	--	--	--	--	--	--	--	4.89	4.79	-79	-82	
9/23/2007	--	--	--	--	--	--	--	--	--	-114	-88	
3/17/2008	0.073	ND<0.44	ND<1.0	530	--	--	--	2.88	1.96	-5	-33	
6/12/2008	--	--	--	--	--	--	--	0.11	1.30	-17	-40	
12/9/2009	--	--	--	--	781	6.95	16.7	--	--	--	--	
6/15/2010	0.15	ND<0.44	ND<1.0	630	1019	6.52	19.6	0.94	--	--	7	
12/20/2010	0.11	0.71	9.3	460	758.2	6.58	20.0	1.29	--	--	-63	
U-4												
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	1.00	--	--	83	
12/30/2002	--	--	--	--	--	--	--	0.40	--	--	126	
5/2/2003	--	--	--	--	--	--	--	0.70	--	--	120	
7/1/2003	--	--	--	--	--	--	--	0.60	--	--	130	
10/3/2003	--	--	--	--	--	--	--	2.06	--	--	3.05	
1/8/2004	--	--	--	--	--	--	--	11.90	--	--	76	
4/15/2004	--	--	--	--	--	--	--	3.30	--	--	116	
7/15/2004	--	--	--	--	--	--	--	2.50	--	--	32	
12/8/2004	--	--	--	--	--	--	--	2.09	--	--	47	
3/23/2005	--	--	--	--	--	--	--	0.04	--	--	021	
6/28/2005	--	--	--	--	--	--	--	2.24	--	--	120	
9/23/2005	--	--	--	--	--	--	--	3.01	--	--	176	
12/30/2005	--	--	--	--	--	--	--	1.96	--	--	175	
3/24/2006	--	--	--	--	--	--	--	1.17	1.48	015	014	
6/26/2006	--	--	--	--	--	--	--	2.55	1.31	031	034	
9/26/2006	--	--	--	--	--	--	--	1.38	1.23	-54	-7	
11/21/2006	--	--	--	--	--	--	--	1.38	1.13	-60	-10	
3/26/2007	--	--	--	--	--	--	--	7.09	7.28	14	25	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
6/27/2007	--	--	--	--	--	--	--	2.82	2.62	82	73	
3/17/2008	0.12	0.61	29	540	--	--	--	2.47	2.71	153	150	
6/12/2008	0.14	ND<0.44	30	610	--	--	--	1.26	4.00	185	188	
12/9/2009	0.096	0.59	37	590	927	7.55	15.5	1.82	--	--	-84	
6/15/2010	0.18	24	37	630	1057	7.71	20.2	1.02	--	--	54	
12/20/2010	0.12	7.5	28	570	945.4	7.43	18.8	3.30	--	--	253	
U-5												
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	
7/2/2001	--	--	--	--	--	--	--	--	--	--	--	
10/8/2001	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	
5/2/2003	--	--	--	--	--	--	--	0.60	--	--	120	
7/1/2003	--	--	--	--	--	--	--	0.90	--	--	145	
10/3/2003	--	--	--	--	--	--	--	2.21	--	--	3.13	
1/8/2004	--	--	--	--	--	--	--	11.27	--	--	104	
4/15/2004	--	--	--	--	--	--	--	3.35	--	--	65	
7/15/2004	--	--	--	--	--	--	--	2.87	--	--	66	
12/8/2004	--	--	--	--	--	--	--	1.67	--	--	102	
3/23/2005	--	--	--	--	--	--	--	0.75	--	--	131	
6/28/2005	--	--	--	--	--	--	--	2.29	--	--	103	
9/23/2005	--	--	--	--	--	--	--	2.05	--	--	172	
12/30/2005	--	--	--	--	--	--	--	1.39	--	--	171	
3/24/2006	--	--	--	--	--	--	--	0.97	0.97	011	013	
6/26/2006	--	--	--	--	--	--	--	7.18	7.23	091	084	
9/26/2006	--	--	--	--	--	--	--	1.19	0.80	44	44	
11/21/2006	--	--	--	--	--	--	--	1.12	0.79	41	47	
3/26/2007	--	--	--	--	--	--	--	3.20	3.60	31	52	
6/27/2007	--	--	--	--	--	--	--	2.01	1.67	66	58	
3/17/2008	0.086	3.8	31	530	--	--	--	2.91	1.98	151	156	
6/12/2008	0.070	1.8	26	550	--	--	--	1.89	1.22	172	171	
12/9/2009	0.17	ND<0.44	30	530	792	7.40	18.2	1.12	--	--	-101	
6/15/2010	0.13	3.3	36	550	1087	7.59	21.4	0.25	--	--	67	
12/20/2010	0.14	4.5	36	600	933.6	7.47	17.8	0.62	--	--	240	
U-6												
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
10/1/2002	--	--	--	--	--	--	--	0.90	--	--	--	
12/30/2002	--	--	--	--	--	--	--	0.20	--	--	88	
5/2/2003	--	--	--	--	--	--	--	0.90	--	--	145	
7/1/2003	--	--	--	--	--	--	--	0.70	--	--	120	
10/3/2003	--	--	--	--	--	--	--	2.26	--	--	12	
1/8/2004	--	--	--	--	--	--	--	11.95	--	--	- 37	
4/15/2004	--	--	--	--	--	--	--	3.47	--	--	- 20	
7/15/2004	--	--	--	--	--	--	--	3.25	--	--	- 43	
12/8/2004	--	--	--	--	--	--	--	0.94	--	--	-91	
3/23/2005	--	--	--	--	--	--	--	0.55	--	--	-077	
6/28/2005	--	--	--	--	--	--	--	0.86	--	--	-129	
9/23/2005	--	--	--	--	--	--	--	1.97	--	--	-82	
12/30/2005	--	--	--	--	--	--	--	1.01	--	--	-66	
3/24/2006	--	--	--	--	--	--	--	0.79	1.25	011	009	
6/26/2006	--	--	--	--	--	--	--	1.23	5.48	015	027	
9/26/2006	--	--	--	--	--	--	--	6.97	7.05	-67	-69	
11/21/2006	--	--	--	--	--	--	--	0.83	1.05	-65	-69	
3/26/2007	--	--	--	--	--	--	--	6.40	6.26	15	9	
6/27/2007	--	--	--	--	--	--	--	3.51	3.20	-64	-54	
3/17/2008	0.066	ND<0.44	51	860	--	--	--	1.19	1.87	101	26	
6/12/2008	0.11	0.45	27	860	--	--	--	1.10	2.08	-20	-26	
6/15/2010	0.17	ND<0.44	13	960	1830	6.57	19.3	1.04	--	--	-55	
12/20/2010	0.10	1.5	32	940	1580	6.50	17.3	0.90	--	--	9	
U-7												
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	
10/1/2002	--	--	--	--	--	--	--	1.80	--	--	- 60	
12/30/2002	--	--	--	--	--	--	--	0.10	--	--	121	
5/2/2003	--	--	--	--	--	--	--	0.40	--	--	105	
7/1/2003	--	--	--	--	--	--	--	0.50	--	--	95	
10/3/2003	--	--	--	--	--	--	--	2.91	--	--	- 21	
1/8/2004	--	--	--	--	--	--	--	11.85	--	--	- 51	
4/15/2004	--	--	--	--	--	--	--	4.68	--	--	- 16	
7/15/2004	--	--	--	--	--	--	--	2.55	--	--	- 52	
12/8/2004	--	--	--	--	--	--	--	1.20	--	--	-88	
3/23/2005	--	--	--	--	--	--	--	0.21	--	--	-088	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
6/28/2005	--	--	--	--	--	--	--	1.32	--	--	-160	
9/23/2005	--	--	--	--	--	--	--	2.25	--	--	108	
12/30/2005	--	--	--	--	--	--	--	1.12	--	--	105	
3/24/2006	--	--	--	--	--	--	--	1.09	0.99	008	009	
6/26/2006	--	--	--	--	--	--	--	1.46	1.27	025	032	
9/26/2006	--	--	--	--	--	--	--	0.78	1.02	-47	-63	
11/21/2006	--	--	--	--	--	--	--	0.88	0.98	-43	-59	
3/26/2007	--	--	--	--	--	--	--	5.85	6.00	14	8	
6/27/2007	--	--	--	--	--	--	--	2.98	2.60	-90	-102	
3/17/2008	0.077	ND<0.44	7.0	640	--	--	--	3.06	2.86	137	120	
6/12/2008	0.15	19	13	700	--	--	--	0.98	2.27	9	-11	
6/11/2009	ND<0.050	ND<0.44	30	490	--	--	--	--	--	--	--	
12/9/2009	0.12	ND<0.44	13	510	772	7.27	17.0	0.94	--	--	23	
6/15/2010	0.15	ND<0.44	12	540	1080	7.76	22.4	0.15	--	--	17	
12/20/2010	0.074	17	22	570	1040	8.05	17.5	0.84	--	--	40	
U-8												
12/9/2009	0.19	ND<0.44	4.1	630	972	7.87	16.6	2.06	--	--	-78	
6/15/2010	0.19	0.59	16	600	2757	7.09	21.2	0.51	--	--	-32	
12/20/2010	0.13	1.1	24	520	1078	7.01	18.9	0.96	--	--	-56	
U-9												
12/9/2009	0.30	ND<0.44	ND<1.0	860	1203	6.94	13.5	1.29	--	--	-10	
6/15/2010	0.20	ND<0.44	12	630	1196	6.82	19.4	2.45	--	--	-89	
12/20/2010	0.12	ND<0.44	17	570	984.9	7.49	17.8	0.55	--	--	-41	
U-10												
6/11/2009	0.49	ND<0.44	190	970	--	--	--	--	--	--	--	
12/9/2009	0.33	ND<0.44	76	880	1009	7.04	17.9	0.94	--	--	-77	
6/15/2010	0.16	ND<0.44	8.2	700	1188	7.18	21.4	0.48	--	--	-66	
12/20/2010	0.18	ND<0.44	4.7	600	1066	7.06	18.1	0.99	--	--	-92	
U-11												
6/11/2009	--	--	--	--	--	--	--	--	--	--	--	
12/9/2009	0.26	ND<0.44	4.9	700	896	7.47	17.3	1.39	--	--	91	
6/15/2010	0.67	ND<4.4	7600	11000	5791	6.81	20.9	0.65	--	--	63	
12/20/2010	0.22	2.7	1500	2800	2203	6.69	18.0	0.82	--	--	-33	
U-12												
12/3/2008	0.14	28	59	630	--	--	--	2.85	2.71	66	26	
2/18/2009	0.086	29	61	610	1007	7.82	18.2	2.74	2.65	145	121	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Con-ductivity ()	Field pH ()	Field Temp. ()	Post-purge Dissolved Oxygen ()	Pre-purge Dissolved Oxygen ()	Pre-purge ORP ()	Post-purge ORP ()	Comments
6/11/2009	0.13	29	61	610	--	--	--	--	--	--	--	
12/9/2009	0.20	26	57	550	813	7.75	17.1	2.51	--	--	62	
6/15/2010	0.19	26	56	580	979.4	7.41	21.4	2.53	--	--	65	
12/20/2010	0.13	23	54	600	962.8	7.28	19.5	3.22	--	--	104	
U-13												
12/3/2008	0.16	26	65	610	--	--	--	1.70	2.21	62	58	
2/18/2009	0.20	26	69	510	1022	7.75	18.0	1.49	1.52	171	110	
6/11/2009	0.14	25	71	550	--	--	--	--	--	--	--	
12/9/2009	0.15	22	59	600	820	7.61	16.6	1.65	--	--	-52	
6/15/2010	0.091	25	54	620	996.2	7.46	20.2	1.75	--	--	37	
12/20/2010	0.10	24	55	640	914.8	7.76	17.3	2.23	--	--	179	
U-14												
12/3/2008	0.14	25	55	660	--	--	--	2.63	2.96	91	59	
2/18/2009	0.13	25	57	560	950.4	7.70	18.4	2.25	2.55	106	113	
6/11/2009	0.11	25	56	600	--	--	--	--	--	--	--	
12/9/2009	0.084	26	44	460	776	7.90	17.9	1.66	--	--	-22	
6/15/2010	0.10	25	38	400	971.6	7.53	18.9	1.67	--	--	-26	
12/20/2010	0.094	23	38	420	874.8	7.78	18.3	2.33	--	--	236	
U-15												
12/3/2008	0.13	21	52	670	--	--	--	2.21	2.55	108	118	
2/18/2009	0.12	23	54	570	962.4	7.66	17.4	1.98	1.95	109	104	
6/11/2009	0.12	22	55	560	--	--	--	--	--	--	--	
12/9/2009	0.17	18	52	560	831	7.85	15.1	1.98	--	--	-84	
6/15/2010	0.15	21	56	590	985.7	7.68	20.8	2.09	--	--	40	
12/20/2010	0.13	20	53	620	983.7	7.52	18.5	2.38	--	--	118	