ConocoPhillips
76 Broadway
Sacramento, California 95818

July 21, 2009

Mr. Jerry Wickham
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: ***Quarterly Summary Report—Second Quarter 2009***
Former 76 Service Station # 4186
1771 First Street
Livermore, CA

Dear Mr. Wickham:

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

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

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

July 21, 2009

Mr. Jerry Wickham
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Quarterly Summary Report – Second Quarter 2009
Fuel Leak Case No. RO0000436

DELTA

Dear Mr. Wickham:

On behalf of ConocoPhillips (COP), Delta Consultants (Delta) is submitting this Quarterly Summary Report – First Quarter 2009 and forwarding a copy of TRC Solutions, Inc. (TRC's) *Quarterly Monitoring Report, April through June 2009,* dated July 13, 2009, for the following location:

Service Station	**Location**
Former 76 Station No. 4186	1771 First Street Livermore, California

Sincerely,
DELTA CONSULTANTS

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

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

a member of: Inogen Environmental Alliance

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QUARTERLY SUMMARY REPORT
Second Quarter 2009
Former 76 Station No. 4186
1771 First Street
Livermore, California

SITE DESCRIPTION

The site is located on the southwest corner of the intersection of First Street and N Street, and is currently an active Chevron service station. Two 10,000-gallon gasoline underground storage tanks (USTs), four dispenser islands, and a station building are present at the site. The site is located in a generally commercial area.

PREVIOUS ASSESSMENT

In June 1996, during dispenser and piping replacement activities, six soil samples were collected beneath the dispensers and product piping. Total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethyl-benzene and total xylenes (BTEX) were below the laboratory's indicated reporting limits in all of the samples collected and submitted for analysis.

In September 1997, a soil gas survey was conducted at the site. Six soil gas probes were advanced and samples were collected at 3 or 15 feet below ground surface (bgs) in the vicinity of the USTs, dispenser islands, and product lines. TPHg was reported in the samples at concentrations ranging from 41 to 4,500 parts per billion by volume (ppbv), benzene was reported at concentrations up to 110 ppbv, and methyl tertiary butyl ether (MTBE) was reported at concentrations up to 8,000 ppbv. The highest concentrations were reported in the area of the USTs.

In June 1998, three groundwater monitoring wells (U-1 through U-3) were installed at the site to depths of 34 feet bgs. TPHg, benzene, and MTBE were below the laboratory's indicated reporting limits in soil samples collected from the well borings.

A site conceptual model (SCM) was completed for the site in May 2000. The groundwater flow velocity was calculated to estimate plume travel time to the nearest down-gradient receptor. Groundwater velocity was calculated to be 46 feet per year. It was concluded that hydrocarbon impact to groundwater appears to fluctuate with the rise and fall of the groundwater surface beneath the site.

In February 2001, two additional monitoring wells (U-4 and U-5) were installed. The monitoring wells were installed to depths of 45 feet bgs (U-4) and 47 feet bgs (U-5). TPHg, BTEX, and MTBE were below the laboratory's indicated reporting limits in soil samples collected from the well borings. TPHg and benzene were below the laboratory's indicated reporting limits in the initial groundwater samples collected from monitoring wells U-4 and U-5; however, MTBE was reported at concentrations of 38.2 and 55.4 micrograms per liter (µg/L), respectively.

In December 2001, two additional monitoring wells (U-6 and U-7) and eight ozone injection sparge wells (SP-1 through SP-4, SP-5/5S, SP-6S, SP-7S, and SP-8/8S) were installed at the site. The monitoring wells were installed to 45 feet bgs. The sparge points in wells SP-1 through SP-4 were installed to a depth of 45 feet bgs. The sparge

points in wells SP-6S and SP-7S were installed to a shallower depth of 25 feet bgs. The remaining two sparge wells each contained dual-nested sparge points installed to 25 feet bgs (SP-5S and SP-8S) and 45 feet bgs (SP-5 and SP-8). An ozone microsparge system was then installed and began operation in December 2001. The system injected ozone into the 10 sparge points.

In April 2006, seven borings (B-1 through B-7) were advanced at the site. Three boreholes were advanced at each boring location. The initial borehole was advanced to record a cone penetrometer (CPT) log of subsurface lithology. The second borehole was advanced for the purpose of collecting soil samples for observation and laboratory analysis, and to collect discrete groundwater samples at depths of approximately 38 feet to 44 feet bgs. The third borehole was advanced to collect a discrete groundwater sample at approximately 57 feet to 65 feet bgs. Three general stratigraphic zones were identified: an upper zone from 36 to 43 feet bgs, a middle clay zone from 43 to 55 feet bgs, and a lower zone from 55 to the maximum depth of 65.5 feet bgs explored. Soil samples from various depths were submitted for laboratory analysis. TPHg was reported in five upper zone, six clay zone, and three lower zone soil samples at concentrations up to 700 milligrams per kilogram (mg/kg). MTBE was reported in three upper zone, three clay zone, and two lower zone soil samples at concentrations up to 0.29 milligrams per kilogram (mg/kg). Benzene was reported in three clay zone soil samples at concentrations up to 1.3 mg/kg. TPHg was reported in all of the 14 groundwater samples at concentrations up to 26,000 µg/L. Benzene was reported in five upper zone, and six lower zone groundwater samples at concentrations up to 510 µg/L. MTBE was reported in four upper zone, and six lower zone groundwater samples at concentrations up to 1,100 µg/L.

In March 2007, two additional on-site borings (B-8 and B-9) and one additional off-site boring (B-10) were advanced using a CPT rig. The borings were advanced to further evaluate the vertical extent of impacted groundwater to the base of the lowermost sand and gravel unit, to evaluate groundwater quality in the lowermost sand and gravel unit down-gradient of the site, and to evaluate the presence of a clay layer underlying the lowermost coarse-grained soils which may represent a regional aquitard. Four soil samples were collected for laboratory analysis from off-site boring B-10. MTBE was reported in two of the samples at concentrations up to 0.016 mg/kg; TPHg and benzene were below the laboratory's indicated reporting limits in all of the soil samples collected for analysis. TPHg (200 µg/L), benzene (0.94 µg/L), and MTBE (7.1 µg/L) were reported in the groundwater sample collected at 79 to 83 feet bgs from boring B-8. TPHg, BTEX, and fuel oxygenates were below the laboratory's indicated reporting limits in the groundwater sample collected at 78 to 88 feet bgs from boring B-9. A low concentration of MTBE (0.73 µg/L) was reported in the groundwater sample collected at 66 to 70 feet bgs from boring B-10, and a low concentration of toluene (1.4 µg/L) was reported in the groundwater sample collected at 83 to 87 feet bgs from boring B-10. Based on the results of the investigation, soil and groundwater in the area of off-site boring B-10 did not appear to be significantly impacted, groundwater within the lowermost sand and gravel unit in the area of boring B-8 was slightly impacted, and groundwater within the lowermost sand and gravel unit in the area of boring B-9 was not impacted.

Quarterly monitoring of the site wells has been performed since July 1998. Historically, the groundwater flow direction has varied from the north to the southwest. The depth to groundwater has varied from 21.62 feet bgs to 46.31 feet bgs.

Although the ozone system experienced problems with consistent operation, it appeared to be effective as TPHg, BTEX, and MTBE concentrations in monitoring well U-3 significantly decreased since startup of the system. The system was shut down in October 2006 to evaluate for groundwater concentration rebound. In March 2007, oxygen injection testing was performed in sparge wells SP-5/5S and SP-6S to evaluate the radius of influence (ROI) of the existing sparge wells, and to evaluate the effectiveness of the existing system. As described in our *Additional Subsurface Assessment Report*, dated April 26, 2007, the testing suggested a ROI of between 10 to 15 feet around the wells on average, but perhaps greater in some areas.

Impacted groundwater remains beneath the site in the areas of monitoring wells U-6 and U-7. Impacted groundwater also remains in the northwest portion of the site based on the results of the borings advanced in April 2006.

In September and October 2008, eight on-site monitoring wells (U-8 to U-15) were installed under the supervision of Delta Consultants. Soil samples collected and submitted for analysis from borings U-8 to U-11 reported total purgeable petroleum hydrocarbons (TPPH) ranging from 0.45 to 1,900 mg/kg (U-8 to U-11), benzene at 0.7 mg/kg (U-10@48), and MTBE ranging from 0.29 to 0.54 mg/kg (U-10 and U-11). The details of this investigation were summarized in a *Site Investigation Report* dated, November 11, 2008.

SENSITIVE RECEPTORS

2006 – A survey entailing a visit to the DWR office in Sacramento was conducted to examine well log records and to identify domestic wells within the survey area. The DWR survey provided 53 potential receptors within one mile of the site; eleven municipal wells, five irrigation wells, two domestic wells, one domestic/irrigation well, and seventeen with an unknown well type. Seventeen additional potential receptors were identified although the specific addresses could not be verified.

MONITORING AND SAMPLING

Groundwater is currently monitored and sampled on a quarterly basis. During the June 11, 2009 monitoring and sampling event, monitoring wells U-1 through U-6, U-8, and U-9 were dry, so no groundwater samples were collected and submitted for analysis from these monitoring wells. During the June 11, 2009 monitoring and sampling event, depth to groundwater ranged from 38.80 to 46.60 feet below ground surface and the groundwater flow direction in the lower water bearing zone was interpreted to be to the west with a gradient of 0.13 foot per foot (ft/ft). Groundwater flow direction for the previous event (February 18, 2009) was interpreted to be to the west with a gradient of 0.016 ft/ft. Historic groundwater flow directions are shown on rose diagrams presented as Attachment A.

Contaminants of Concern:

The following analytical results are from the second quarter 2009 monitoring event.

TPPH: TPPH were above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from wells U-7 (1,100 µg/L), U-10 (1,400 µg/L), and U-11 (1,200 µg/L) during the current sampling event.

Benzene: Benzene was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from wells U-7 (2.4 µg/L), U-10 (15 µg/L), and U-11 (0.93 µg/L) during the current sampling event.

MTBE: MTBE was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from wells U-7 (8.2 µg/L), U-10 (88 µg/L), U-11 (2,500 µg/L), U-13 (0.81 µg/L), and U-15 (1.6 µg/L) during the current sampling event.

Additionally, toluene was above the laboratory's indicated reporting limits in two of the seven groundwater samples collected and submitted for analysis at a maximum concentration of 1.1 µg/L in monitoring well U-10. Ethyl-benzene was above the laboratory's indicated reporting limits in two of the seven groundwater samples collected and submitted for analysis at a maximum concentration of 3.2 µg/L in monitoring well U-7. Total xylenes were above the laboratory's indicated reporting limits in one of the seven groundwater samples collected and submitted for analysis at a maximum concentration of 12 µg/L in monitoring well U-10. TBA was above the laboratory's indicated reporting limits in three of the seven groundwater samples collected and submitted for analysis at a maximum concentration of 6,800 µg/L in monitoring well U-11. 1,2-DCA was above the laboratory's indicated reporting limits in one of the seven groundwater samples collected and submitted for analysis at a maximum concentration of 1.8 µg/L in monitoring well U-11.

In addition, at the request of the Alameda County Health Care Services Agency (ACHCSA) each groundwater sample collected and submitted for analysis were analyzed for CAM 17 metals, total dissolved solids, hexavalent chromium, major anions and major cations. The additional analytical data is presented in tables 1a through 1e in TRC's *Quarterly Monitoring Report, April through June 2009,* dated July 6, 2009 (attached).

REMEDIATION STATUS

The ozone sparge system, manufactured by KVA, was placed into operation on December 19, 2001. Remediation system operation and maintenance is conducted by Environ Strategy Consultants, Inc. (ES) under direct contract to COP.

During the Second Quarter 2007, the ozone system was shut down, to evaluate whether dissolved gasoline concentrations would rebound or remain stable in the absence of ozone injection with the current well and system configuration.

Based on existing groundwater monitoring data it appears the ozone injection is effective in reducing the petroleum hydrocarbon impact to the groundwater in the

vicinity of monitoring well U-3. It also appears based on the data collected during the oxygen injection test conducted by Delta in March 2007, ozone injection at the site would be effective in reducing the petroleum hydrocarbon impact to the groundwater at the site. However, the configuration of the current system is being evaluated and a work plan has been prepared and submitted to the ACHCSA recommending changes to the current system, including the placement of new wells and/or re-screening existing well locations, as appropriate based on soil types and areas requiring further remediation. The installation of the additional ozone injection wells as well as the upgrade of the ozone injection system is currently on hold pending the results of the quarterly groundwater monitoring.

CHARACTERIZATION STATUS

The furthest up-gradient monitor well, U-7, contained 40 µg/L MTBE and 1,200 µg/L TPHg during the second quarter 2008 sampling event. The furthest off-site down-gradient monitoring well, U-4, contained 7.5 µg/L MTBE and 71 µg/L TPHg during the second quarter 2008 monitoring and sampling event. Monitoring wells U-1 through U-6 have been reported as dry for at least the last 3 quarters' monitoring and sampling events. Monitoring wells U-8 and U-9 have been reported as dry for the last two quarters' monitoring and sampling events.

BIODEGREDATION PARAMETERS

An evaluation of biodegradation parameters analyzed during the second quarter 2009 sampling event is summarized below.

Well ID	TPHg (ug/L)	Nitrates (mg/L)	Sulfates (mg/L)	Chromium VI (ug/L)	Post-Purge DO (mg/L)	Post-Purge ORP (mV)
U-7	1,100	<0.44	30	<2.0	0.49	-18
U-10	1,400	<0.44	190	<2.0	0.85	79
U-12	<50	29	61	<2.0	2.89	14
U-13	<50	25	71	82	0.55	-8
U-14	<50	25	56	2.9	1.53	49
U-15	<50	22	55	9.0	1.23	24

The table above indicates consistent level of both nitrates and sulfates throughout the area of the sampled wells. Pre-purge dissolved oxygen (DO) and oxygen reducing potential (ORP) also show consistency between the wells. Delta will continue to evaluate these parameters during future monitoring and sampling events.

WASTE DISPOSAL SUMMARY

June 1996 - A total of 25 cubic yards of soils was excavated and disposed.

April 2006 - A total of 2.2 cubic yards of soil cuttings generated during a soil investigation was disposed of from the site.

RECENT CORRESPONDENCE

A new Monitoring Well Location Site and Survey Map (dated January 6, 2009) with top of casings measurements (dated January 12, 2009) was up-loaded to GeoTracker during the first quarter 2009.

THIS QUARTER ACTIVITIES (Second Quarter 2009)

1. TRC conducted the quarterly monitoring and sampling at the site, and submitted the report *Quarterly Monitoring Report, April through June 2009,* dated July 6, 2009.

2. Delta submitted the *Quarterly Summary Report, Second Quarter 2009*, dated July 21, 2009.

NEXT QUARTER ACTIVITIES (Third Quarter 2009)

1. TRC will conduct quarterly groundwater monitoring and sampling at the site.

2. Delta will submit a Quarterly Summary Report for the third quarter of 2009.

LIMITATIONS AND CERTIFICATIONS

This report was prepared in accordance with the scope of work outlined in Delta's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips for the expressed purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Delta. To the extent that this report is based on information provided to Delta by third parties, Delta may have made efforts to verify this third party information, but Delta cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied, are made by Delta.

CONSULTANT: Delta Consultants

Attachment A – Historic Groundwater Flow Directions (Rose Diagram)

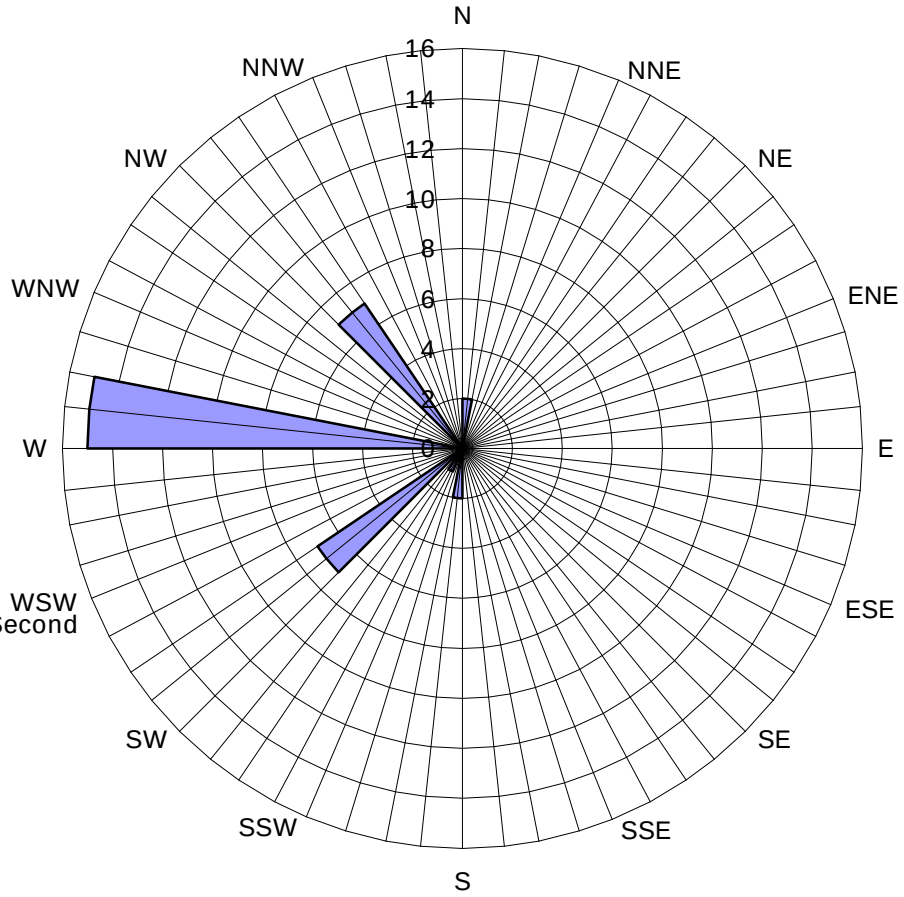
Attachment A

Historic Groundwater Flow Directions (Rose Diagram)

Attachment A

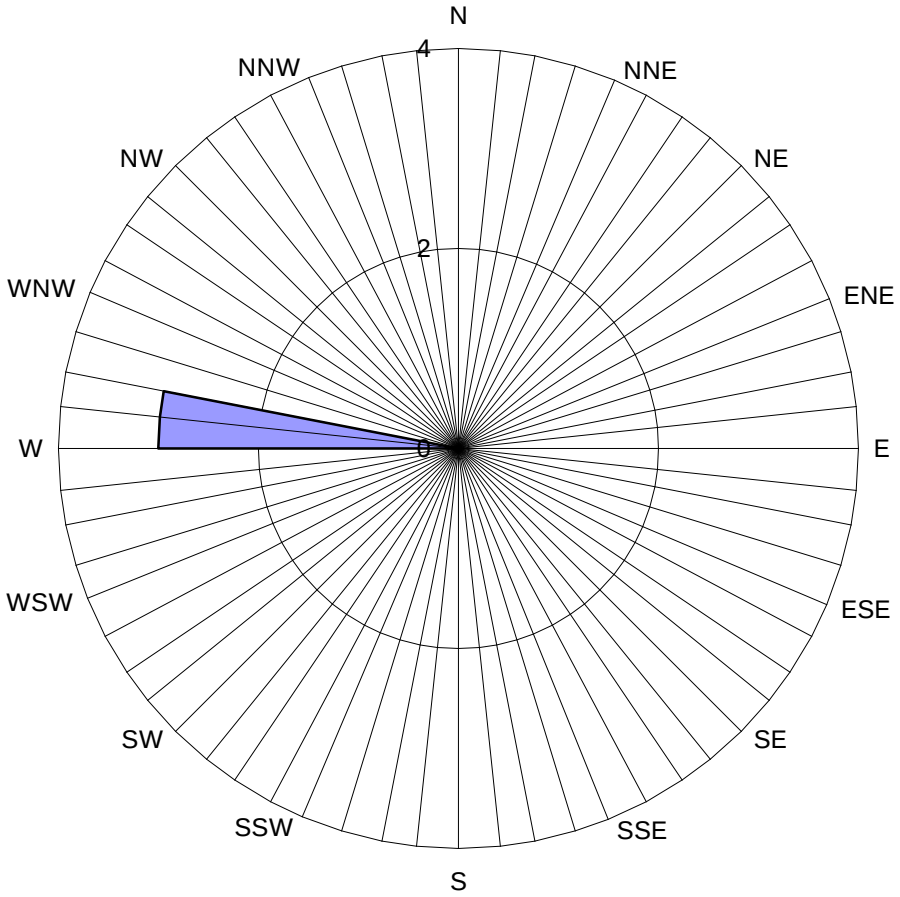
Historic Groundwater Flow Directions (Rose Diagram)

Historic Groundwater Flow Directions
Shallow and Intermediate Zone Monitoring Wells
ConocoPhillips Site No. 4186
1771 First Street
Livermore, California



Legend
Concentric circles represent quarterly montoring events
Fourth Quarter 2000 through Second Quarter 2009
34 data points shown

Historic Groundwater Flow Directions
Deep Zone Monitoring Wells
ConocoPhillips Site No. 4186
1771 First Street
Livermore, California



Legend
Concentric circles represent quarterly montoring events through Second Quarter 2009
3 data points shown

Groundwater Flow Direction

21 Technology Drive
Irvine, CA 92618

949 727 9336 PHONE
949 727 7399 FAX

www.TRCsolutions.com

DATE: July 6, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. TERRY GRAYSON

SITE: 76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JANUARY THROUGH JUNE 2009

Dear Mr. Grayson,

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 4186, located at 1771 First Street, Livermore, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. James Barnard, Delta Consultants (1 copy)

Enclosures
20-0400/4186R23.QMS.doc

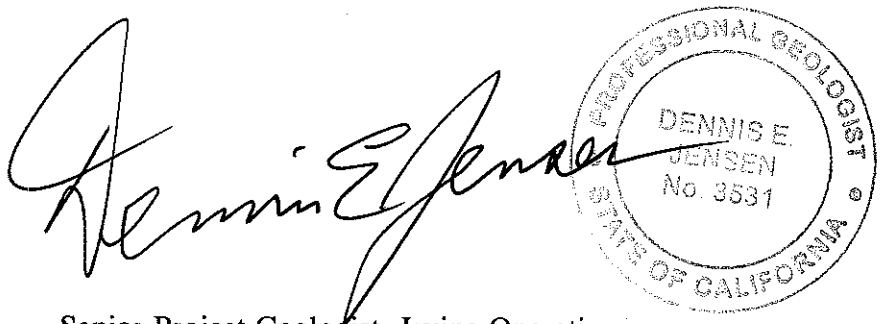
SEMI-ANNUAL MONITORING REPORT
JANUARY THROUGH JUNE 2009

76 STATION 4186
1771 First Street
Livermore, California

Prepared For:

Mr. Terry Grayson
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 7/6/09

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 1c: Additional Current Analytical Results Table 1d: Additional Current Analytical Results Table 1e: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results Table 2d: Additional Historic Analytical Results Table 2e: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 06/11/09 Groundwater Sampling Field Notes – 06/11/09 Statements of Non-Completion – 06/11/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2009 through June 2009
76 Station 4186
1771 First Street
Livermore, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **06/11/09**

Sample Points

Groundwater wells: **13** onsite, **2** offsite Points gauged: **15** Points sampled: **7**
Purging method: **Bailer/submersible pump**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): --
LPH removal frequency: -- Method: --
Treatment or disposal of water/LPH: --

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **38.8 feet** Maximum: **46.6 feet**
Average groundwater elevation (relative to available local datum): **436.02 feet**
Average change in groundwater elevation since previous event: **0.14 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.13 ft/ft, west**
Previous event: **0.016 ft/ft, west (02/18/09)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **3** Sample Points above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **15 µg/l (U-10)**

Sample Points with **TPH-G by GC/MS** **3** Maximum: **1,400 µg/l (U-10)**
Sample Points with **MTBE 8260B** **5** Maximum: **2,500 µg/l (U-11)**

Notes:

U-1=Dry, U-2=Dry, U-3=Dry, U-4=Dry, U-5=Dry, U-6=Dry, U-8=Dry, U-9=Dry

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 4186 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 4186

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Antimony (total)	Antimony (dissolved)	Arsenic (total)	Arsenic (dissolved)	Barium (total)
Table 1b	Well/ Date	Barium (dissolved)	Beryllium (total)	Beryllium (dissolved)	Cadmium (total)	Cadmium (dissolved)	Calcium	Chromium VI	Chromium (total)	Chromium (dissolved)	Cobalt (total)	Cobalt (dissolved)	Copper (dissolved)
Table 1c	Well/ Date	Copper (total)	Lead (dissolved)	Lead (total)	Magnesium (dissolved)	Manganese (dissolved)	Mercury (total)	Mercury (dissolved)	Molyb-denum (total)	Molyb-denum (dissolved)	Nickel (total)	Nickel (dissolved)	Potassium
Table 1d	Well/ Date	Selenium (total)	Selenium (dissolved)	Silver (total)	Silver (dissolved)	Sodium	Thallium (total)	Thallium (dissolved)	Vanadium (total)	Vanadium (dissolved)	Zinc (dissolved)	Zinc (total)	Chloride
Table 1e	Well/ Date	Fluoride	Nitrogen as Nitrate	Sulfate	TDS								

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Antimony (total)	Antimony (dissolved)	Arsenic (total)	Arsenic (dissolved)	Barium (total)
Table 2b	Well/ Date	Barium (dissolved)	Beryllium (total)	Beryllium (dissolved)	Cadmium (total)	Cadmium (dissolved)	Calcium	Chromium VI	Chromium (total)	Chromium (dissolved)	Cobalt (total)	Cobalt (dissolved)	Copper (dissolved)
Table 2c	Well/ Date	Copper (total)	Lead (dissolved)	Lead (total)	Magnesium (dissolved)	Manganese (dissolved)	Mercury (total)	Mercury (dissolved)	Molyb-denum (total)	Molyb-denum (dissolved)	Nickel (total)	Nickel (dissolved)	Potassium
Table 2d	Well/ Date	Selenium (total)	Selenium (dissolved)	Silver (total)	Silver (dissolved)	Sodium	Thallium (total)	Thallium (dissolved)	Vanadium (total)	Vanadium (dissolved)	Zinc (dissolved)	Zinc (total)	Chloride

Contents of Tables 1 and 2
Site: 76 Station 4186

Table 2e

Well/ Date	Fluoride	Nitrogen as Nitrate	Sulfate	TDS	Field Conductivity	Field pH	Field Temp.	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 11, 2009

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			**(Screen Interval in feet: 14.0-34.0)**											
06/11/09	480.29	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-2			**(Screen Interval in feet: 13.0-34.0)**											
06/11/09	479.45	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-3			**(Screen Interval in feet: 14.0-34.0)**											
06/11/09	480.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-4			**(Screen Interval in feet: 35.0-45.0)**											
06/11/09	478.95	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-5			**(Screen Interval in feet: 37.0-47.0)**											
06/11/09	478.52	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-6			**(Screen Interval in feet:--)**											
06/11/09	480.40	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-7			**(Screen Interval in feet:--)**											
06/11/09	480.78	38.80	0.00	441.98	--	--	1100	2.4	0.80	3.2	ND<1.0	--	8.2	
U-8			**(Screen Interval in feet: 35-45)**											
06/11/09	480.43	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-9			**(Screen Interval in feet: 35-45)**											
06/11/09	479.39	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-10			**(Screen Interval in feet: 37-47)**											
06/11/09	480.51	44.30	0.00	436.21	--	--	1400	15	1.1	12	12	--	88	
U-11			**(Screen Interval in feet: 35-45)**											
06/11/09	480.34	43.18	0.00	437.16	--	--	1200	0.93	ND<0.50	ND<0.50	ND<1.0	--	2500	
U-12			**(Screen Interval in feet: 63-73)**											
06/11/09	480.75	45.85	0.00	434.90	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

TRC

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 11, 2009

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-13			**(Screen Interval in feet:--)**											
06/11/09	480.31	46.60	0.00	433.71	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.81	
U-14			**(Screen Interval in feet: 65-75)**											
06/11/09	479.38	45.75	0.00	433.63	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-15			**(Screen Interval in feet: 61-71)**											
06/11/09	479.99	45.45	0.00	434.54	0.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	

Table 1 a
ADDITIONAL CURRENT 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)
U-7												
06/11/09	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
U-10												
06/11/09	98	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<100	--	ND<50	--
U-11												
06/11/09	6800	ND<250	ND<0.50	1.8	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
U-12												
06/11/09	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
U-13												
06/11/09	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
U-14												
06/11/09	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
U-15												
06/11/09	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

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Table 1 b
ADDITIONAL CURRENT 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 (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)
U-7												
06/11/09	340	ND<10	ND<10	ND<10	ND<10	31	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10
U-10												
06/11/09	50	--	ND<10	--	ND<10	40	ND<2.0	--	ND<10	--	ND<50	ND<10
U-12												
06/11/09	320	ND<10	ND<10	ND<10	ND<10	47	ND<2.0	21	ND<10	ND<50	ND<50	ND<10
U-13												
06/11/09	110	ND<10	ND<10	ND<10	ND<10	24	82	84	78	ND<50	ND<50	ND<10
U-14												
06/11/09	310	ND<10	ND<10	ND<10	ND<10	45	2.9	16	ND<10	ND<50	ND<50	ND<10
U-15												
06/11/09	30	ND<10	ND<10	ND<10	ND<10	4.6	9.0	12	ND<10	ND<50	ND<50	ND<10

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Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) (µg/l)	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 (mg/l)
U-7												
06/11/09	ND<10	ND<50	ND<50	50	1100	ND<0.20	ND<0.20	ND<50	ND<50	25	ND<10	2.6
U-10												
06/11/09	--	ND<50	--	87	780	--	ND<0.20	--	ND<50	--	ND<10	30
U-12												
06/11/09	ND<10	ND<50	ND<50	70	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	62	ND<10	2.2
U-13												
06/11/09	ND<10	ND<50	ND<50	53	12	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	13
U-14												
06/11/09	ND<10	ND<50	ND<50	64	17	ND<0.20	ND<0.20	ND<50	ND<50	40	ND<10	2.5
U-15												
06/11/09	ND<10	ND<50	ND<50	62	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	36

TRC

Table 1 d
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Selenium (total) (µg/l)	Selenium (dissolved) (µg/l)	Silver (total) (µg/l)	Silver (dissolved) (µg/l)	Sodium (mg/l)	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)
U-7												
06/11/09	ND<100	ND<100	ND<10	ND<10	62	ND<100	ND<100	ND<10	ND<10	26	ND<50	110
U-10												
06/11/09	--	ND<100	--	ND<10	170	--	ND<100	--	ND<10	24	--	110
U-12												
06/11/09	ND<100	ND<100	ND<10	ND<10	50	ND<100	ND<100	ND<10	ND<10	30	ND<50	91
U-13												
06/11/09	ND<100	ND<100	ND<10	ND<10	66	ND<100	ND<100	ND<10	ND<10	29	ND<50	100
U-14												
06/11/09	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	34	ND<50	86
U-15												
06/11/09	ND<100	ND<100	ND<10	ND<10	76	ND<100	ND<100	ND<10	ND<10	24	ND<50	92

Table 1 e
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)
U-7				
06/11/09	ND<0.050	ND<0.44	30	490
U-10				
06/11/09	0.49	ND<0.44	190	970
U-12				
06/11/09	0.13	29	61	610
U-13				
06/11/09	0.14	25	71	550
U-14				
06/11/09	0.11	25	56	600
U-15				
06/11/09	0.12	22	55	560

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1998 Through June 2009
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			**(Screen Interval in feet: 14.0-34.0)**											
07/13/98	478.27	23.28	0.00	454.99	--	ND	--	ND	ND	ND	ND	ND	--	
10/07/98	478.27	26.43	0.00	451.84	-3.15	ND	--	ND	ND	ND	ND	ND	--	
01/15/99	478.27	30.42	0.00	447.85	-3.99	ND	--	ND	ND	ND	1.1	7.3	--	
04/14/99	478.27	24.21	0.00	454.06	6.21	ND	--	ND	ND	ND	ND	160	--	
07/19/99	478.27	27.10	0.00	451.17	-2.89	ND	--	ND	ND	ND	ND	92	--	
10/12/99	478.27	29.40	0.00	448.87	-2.30	ND	--	ND	ND	ND	ND	37	--	
01/24/00	478.27	27.90	0.00	450.37	1.50	ND	--	ND	ND	ND	ND	28	--	
04/10/00	478.27	26.16	0.00	452.11	1.74	ND	--	ND	0.930	ND	ND	ND	--	
07/17/00	478.27	28.04	0.00	450.23	-1.88	ND	--	ND	ND	ND	ND	160	--	
10/02/00	478.27	28.41	0.00	449.86	-0.37	ND	--	ND	ND	ND	ND	120	--	
01/08/01	478.27	28.68	0.00	449.59	-0.27	ND	--	ND	ND	ND	ND	103	--	
04/03/01	478.27	25.74	0.00	452.53	2.94	ND	--	ND	ND	ND	ND	55.1	--	
07/02/01	478.27	30.67	0.00	447.60	-4.93	ND	--	ND	ND	ND	ND	ND	--	
10/08/01	478.27	33.13	0.00	445.14	-2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/03/02	478.27	27.67	0.00	450.60	5.46	160	--	ND<0.50	0.51	ND<0.50	0.69	31	--	
04/05/02	478.27	29.40	0.00	448.87	-1.73	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	60	--	
07/02/02	478.27	31.17	0.00	447.10	-1.77	--	1100	ND<0.50	1.7	0.73	130	--	35	
10/01/02	478.27	33.00	0.00	445.27	-1.83	--	120	ND<0.50	ND<0.50	ND<0.50	8.8	--	28	
12/30/02	478.27	22.03	0.00	456.24	10.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.2	--	90	
05/02/03	478.27	24.13	0.00	454.14	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	50	
07/01/03	478.27	25.35	0.00	452.92	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/03/03	478.27	27.24	0.00	451.03	-1.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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 continued														
01/08/04	478.27	22.67	0.00	455.60	4.57	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.5	
04/15/04	478.27	25.33	0.00	452.94	-2.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/15/04	478.27	26.47	0.00	451.80	-1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/08/04	478.27	31.17	0.00	447.10	-4.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/23/05	478.27	22.47	0.00	455.80	8.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/28/05	478.27	25.37	0.00	452.90	-2.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/23/05	478.27	29.15	0.00	449.12	-3.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/05	478.27	23.69	0.00	454.58	5.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/24/06	478.27	22.54	0.00	455.73	1.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
06/26/06	478.27	24.99	0.00	453.28	-2.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/26/06	478.27	30.19	0.00	448.08	-5.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/21/06	478.27	28.27	0.00	450.00	1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/26/07	478.27	26.92	0.00	451.35	1.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/27/07	478.27	30.78	0.00	447.49	-3.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/23/07	478.27	33.17	0.00	445.10	-2.39	--	--	--	--	--	--	--	--	Not enough water to sample
12/20/07	478.27	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	478.27	31.20	0.00	447.07	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/12/08	478.27	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/03/08	478.27	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	480.29	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.29	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.29	--	--	--	--	--	--	--	--	--	--	--	--	Dry

U-2 **(Screen Interval in feet: 13.0-34.0)**

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-2 continued														
07/13/98	477.44	23.52	0.00	453.92	--	1200	--	130	12	62	180	1100	--	
10/07/98	477.44	25.31	0.00	452.13	-1.79	ND	--	ND	ND	ND	ND	160	--	
01/15/99	477.44	30.22	0.00	447.22	-4.91	ND	--	ND	ND	ND	ND	280	--	
04/14/99	477.44	24.50	0.00	452.94	5.72	ND	--	ND	ND	ND	ND	460	--	
07/19/99	477.44	28.54	0.00	448.90	-4.04	ND	--	ND	ND	ND	ND	220	--	
10/12/99	477.44	30.48	0.00	446.96	-1.94	ND	--	ND	ND	ND	ND	160	--	
01/24/00	477.44	24.52	0.00	452.92	5.96	ND	--	ND	ND	ND	ND	150	--	
04/10/00	477.44	23.68	0.00	453.76	0.84	ND	--	ND	ND	ND	ND	177	--	
07/17/00	477.44	28.35	0.00	449.09	-4.67	ND	--	ND	ND	ND	ND	62.7	--	
10/02/00	477.44	28.72	0.00	448.72	-0.37	ND	--	ND	ND	ND	ND	52	--	
01/08/01	477.44	29.11	0.00	448.33	-0.39	ND	--	ND	ND	ND	ND	57.3	--	
04/03/01	477.44	25.95	0.00	451.49	3.16	ND	--	ND	ND	ND	ND	30.2	--	
07/02/01	477.44	29.01	0.00	448.43	-3.06	ND	--	ND	ND	ND	ND	16	--	
10/08/01	477.44	30.94	0.00	446.50	-1.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	82	--	
01/03/02	477.44	27.33	0.00	450.11	3.61	260	--	7.7	11	1.7	15	42	--	
04/05/02	477.44	30.02	0.00	447.42	-2.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25	--	
07/02/02	477.44	31.23	0.00	446.21	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/01/02	477.44	32.00	0.00	445.44	-0.77	--	ND<50	ND<0.50	0.62	ND<0.50	ND<1.0	--	ND<2.0	
12/30/02	477.44	22.32	0.00	455.12	9.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/02/03	477.44	25.92	0.00	451.52	-3.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/01/03	477.44	24.99	0.00	452.45	0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/03/03	477.44	25.31	0.00	452.13	-0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/08/04	477.44	21.94	0.00	455.50	3.37	--	ND<50	ND<0.50	ND<0.50	0.51	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-2 continued														
04/15/04	477.44	25.20	0.00	452.24	-3.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/15/04	477.44	24.45	0.00	452.99	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/08/04	477.44	29.89	0.00	447.55	-5.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/23/05	477.44	22.00	0.00	455.44	7.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
06/28/05	477.44	25.30	0.00	452.14	-3.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/23/05	477.44	28.25	0.00	449.19	-2.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/30/05	477.44	24.33	0.00	453.11	3.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/24/06	477.44	22.34	0.00	455.10	1.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/26/06	477.44	23.15	0.00	454.29	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/26/06	477.44	28.52	0.00	448.92	-5.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/21/06	477.44	25.85	0.00	451.59	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/26/07	477.44	25.62	0.00	451.82	0.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/27/07	477.44	28.37	0.00	449.07	-2.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/23/07	477.44	31.40	0.00	446.04	-3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/20/07	477.44	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	477.44	30.45	0.00	446.99	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/12/08	477.44	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
09/03/08	477.44	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	479.45	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	479.45	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	479.45	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-3			**(Screen Interval in feet: 14.0-34.0)**											
07/13/98	478.46	23.82	0.00	454.64	--	70000	--	3100	5500	2700	16000	7500	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-3 continued														
10/07/98	478.46	25.64	0.00	452.82	-1.82	54000	--	5000	1100	3100	14000	6100	--	
01/15/99	478.46	30.92	0.00	447.54	-5.28	41000	--	3100	ND	1800	3800	15000	--	
04/14/99	478.46	24.48	0.00	453.98	6.44	33000	--	86	290	2200	7800	39000	--	
07/19/99	478.46	28.46	0.00	450.00	-3.98	48000	--	3900	2500	3600	14000	12000	16000	
10/12/99	478.46	30.39	0.00	448.07	-1.93	35000	--	4200	ND	2300	1800	22000	8300	
01/24/00	478.46	23.43	0.00	455.03	6.96	13000	--	260	ND	770	3200	53000	42000	
04/10/00	478.46	23.31	0.00	455.15	0.12	35200	--	1070	241	2820	8850	35600	40900	
07/17/00	478.46	27.53	0.00	450.93	-4.22	29000	--	3570	525	3180	5660	22500	21000	
10/02/00	478.46	28.19	0.00	450.27	-0.66	11000	--	2100	31	2000	780	25000	28000	
01/08/01	478.46	29.85	0.00	448.61	-1.66	33600	--	3060	427	3040	4190	24700	30900	
04/03/01	478.46	24.98	0.00	453.48	4.87	5390	--	660	10.8	304	356	15200	19300	
07/02/01	478.46	31.35	0.00	447.11	-6.37	13000	--	1200	58	1300	930	25000	26000	
10/08/01	478.46	32.69	0.00	445.77	-1.34	6100	--	500	ND<10	570	130	23000	22000	
01/03/02	478.46	23.73	0.00	454.73	8.96	9900	--	700	130	24	1000	14000	12000	
04/05/02	477.44	28.27	0.00	449.17	-5.56	9800	--	1100	180	220	1400	16000	30000	
07/02/02	478.46	29.71	0.00	448.75	-0.42	--	ND<25000	ND<250	ND<250	ND<250	ND<500	12000	12000	
10/01/02	478.46	31.18	0.00	447.28	-1.47	--	ND<25000	ND<250	ND<250	ND<250	ND<500	12000	12000	
12/30/02	478.46	21.62	0.00	456.84	9.56	--	23000	330	170	870	4900	18000	18000	
05/02/03	478.46	23.11	0.00	455.35	-1.49	--	19000	280	ND<50	880	1500	15000	15000	
07/01/03	478.46	24.89	0.00	453.57	-1.78	--	19000	120	ND<100	180	880	22000	22000	
10/03/03	478.46	26.59	0.00	451.87	-1.70	--	20000	170	ND<50	250	730	--	16000	
01/08/04	478.46	21.92	0.00	456.54	4.67	--	17000	250	ND<100	770	1500	--	9700	
04/15/04	478.46	23.59	0.00	454.87	-1.67	--	4600	ND<25	ND<25	36	100	--	3700	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-3 continued														
07/15/04	478.46	24.80	0.00	453.66	-1.21	--	2700	ND<25	ND<25	ND<25	ND<50	--	3400	
12/08/04	478.46	29.13	0.00	449.33	-4.33	--	12000	ND<50	ND<50	250	140	--	13000	
03/23/05	478.46	21.64	0.00	456.82	7.49	--	21000	94	ND<50	630	1200	--	6200	
06/28/05	478.46	24.57	0.00	453.89	-2.93	--	6600	24	0.64	150	70	--	4700	
09/23/05	478.46	27.64	0.00	450.82	-3.07	--	6000	31	ND<25	150	ND<50	--	8900	
12/30/05	478.46	23.96	0.00	454.50	3.68	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	840	
03/24/06	478.46	22.52	0.00	455.94	1.44	--	2700	28	ND<5.0	57	120	--	690	
06/26/06	478.46	23.89	0.00	454.57	-1.37	--	2000	51	0.77	84	45	--	560	
09/26/06	478.46	28.08	0.00	450.38	-4.19	--	1200	20	ND<2.5	5.2	2.8	--	170	
11/21/06	478.46	27.23	0.00	451.23	0.85	--	1500	22	ND<5.0	5.8	ND<5.0	--	180	
03/26/07	478.46	25.27	0.00	453.19	1.96	--	3900	65	0.61	50	160	--	95	
06/27/07	478.46	27.51	0.00	450.95	-2.24	--	1400	29	ND<0.50	5.6	2.3	--	170	
09/23/07	478.46	31.70	0.00	446.76	-4.19	--	1600	16	0.61	2.7	3.7	--	88	
12/20/07	478.46	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	478.46	28.84	0.00	449.62	--	--	1400	17	ND<1.0	2.3	ND<2.0	--	150	
06/12/08	478.46	31.23	0.00	447.23	-2.39	--	770	4.1	ND<1.0	ND<1.0	ND<2.0	--	27	
09/03/08	478.46	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	480.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.48	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-4			**(Screen Interval in feet: 35.0-45.0)**											
04/03/01	476.93	31.63	0.00	445.30	--	ND	--	ND	ND	ND	ND	37.8	38.2	
07/02/01	476.93	37.96	0.00	438.97	-6.33	ND	--	ND	ND	ND	ND	ND	5.3	

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Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1998 Through June 2009
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-4 continued														
10/08/01	476.93	44.24	0.00	432.69	-6.28	--	--	--	--	--	--	--	--	Not enough water to sample
01/03/02	476.93	36.15	0.00	440.78	8.09	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10	8.5	
04/05/02	476.93	37.64	0.00	439.29	-1.49	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	4.1	--	
07/02/02	476.93	36.85	0.00	440.08	0.79	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
10/01/02	476.93	38.54	0.00	438.39	-1.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.8	
12/30/02	476.93	32.64	0.00	444.29	5.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
05/02/03	476.93	31.40	0.00	445.53	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
07/01/03	476.93	33.60	0.00	443.33	-2.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
10/03/03	476.93	37.63	0.00	439.30	-4.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	
01/08/04	476.93	29.23	0.00	447.70	8.40	--	ND<50	0.55	ND<0.50	1.6	3.7	--	2.5	
04/15/04	476.93	29.80	0.00	447.13	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
07/15/04	476.93	35.05	0.00	441.88	-5.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.1	
12/08/04	476.93	35.10	0.00	441.83	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.0	
03/23/05	476.93	25.38	0.00	451.55	9.72	--	ND<50	ND<0.50	ND<0.50	1.3	1.2	--	0.65	
06/28/05	476.93	28.67	0.00	448.26	-3.29	--	34J	ND<0.50	0.15J	ND<0.50	ND<1.0	--	0.23J	
09/23/05	476.93	32.25	0.00	444.68	-3.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
12/30/05	476.93	31.02	0.00	445.91	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
03/24/06	476.93	26.51	0.00	450.42	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	4.4	--	21	
06/26/06	476.93	27.98	0.00	448.95	-1.47	--	63	ND<0.50	ND<0.50	0.56	ND<1.0	--	11	
09/26/06	476.93	33.72	0.00	443.21	-5.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	
11/21/06	476.93	33.43	0.00	443.50	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/26/07	476.93	30.52	0.00	446.41	2.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
06/27/07	476.93	38.20	0.00	438.73	-7.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.78	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-4 continued														
09/23/07	476.93	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/20/07	476.93	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	476.93	34.18	0.00	442.75	--	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
06/12/08	476.93	39.50	0.00	437.43	-5.32	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.5	
09/03/08	476.93	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	478.95	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	478.95	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	478.95	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-5			**(Screen Interval in feet: 37.0-47.0)**											
04/03/01	476.51	31.75	0.00	444.76	--	ND	--	ND	0.728	ND	0.993	54.8	55.4	
07/02/01	476.51	38.68	0.00	437.83	-6.93	ND	--	ND	ND	ND	ND	88	94	
10/08/01	476.51	46.31	0.00	430.20	-7.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	37	54	
01/03/02	476.51	36.55	0.00	439.96	9.76	ND<50	--	ND<0.50	0.59	ND<0.50	0.91	51	53	
04/05/02	476.51	37.83	0.00	438.68	-1.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	37	--	
07/02/02	476.51	36.92	0.00	439.59	0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
10/01/02	476.51	--	--	--	--	--	--	--	--	--	--	--	--	Truck parked over well
12/30/02	476.51	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
05/02/03	476.51	31.55	0.00	444.96	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	18	
07/01/03	476.51	33.83	0.00	442.68	-2.28	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	
10/03/03	476.51	37.72	0.00	438.79	-3.89	--	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
01/08/04	476.51	29.21	0.00	447.30	8.51	--	ND<50	ND<0.50	ND<0.50	1.1	2.7	--	17	
04/15/04	476.51	30.05	0.00	446.46	-0.84	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
07/15/04	476.51	35.15	0.00	441.36	-5.10	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	

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Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1998 Through June 2009
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-5 continued														
12/08/04	476.51	35.33	0.00	441.18	-0.18	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	39	
03/23/05	476.51	25.45	0.00	451.06	9.88	--	ND<50	ND<0.50	ND<0.50	0.51	ND<1.0	--	4.5	
06/28/05	476.51	28.90	0.00	447.61	-3.45	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	40	
09/23/05	476.51	33.01	0.00	443.50	-4.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	53	
12/30/05	476.51	30.96	0.00	445.55	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	72	
03/24/06	476.51	22.42	0.00	454.09	8.54	--	2400	13	ND<5.0	48	58	--	54	
06/26/06	476.51	29.31	0.00	447.20	-6.89	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	
09/26/06	476.51	34.35	0.00	442.16	-5.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	51	
11/21/06	476.51	32.43	0.00	444.08	1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	25	
03/26/07	476.51	31.20	0.00	445.31	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	29	
06/27/07	476.51	38.62	0.00	437.89	-7.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	30	
09/23/07	476.51	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
12/20/07	476.51	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	476.51	34.28	0.00	442.23	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
06/12/08	476.51	39.90	0.00	436.61	-5.62	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	28	
09/03/08	476.51	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	478.52	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	478.52	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	478.52	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-6			**(Screen Interval in feet: --)**											
01/03/02	478.38	33.99	0.00	444.39	--	5000	--	36	ND<25	260	450	ND<250	ND<10	
04/05/02	478.38	36.18	0.00	442.20	-2.19	1300	--	16	ND<5.0	54	ND<5.0	ND<25	--	
07/02/02	478.38	36.33	0.00	442.05	-0.15	--	1100	1.4	ND<0.50	16	ND<1.0	--	0.94	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-6 continued														
10/01/02	478.38	37.70	0.00	440.68	-1.37	--	2000	5.4	ND<0.50	62	ND<1.0	--	2.6	
12/30/02	478.38	31.63	0.00	446.75	6.07	--	130	ND<0.50	ND<0.50	2.3	ND<1.0	--	ND<2.0	
05/02/03	478.38	31.49	0.00	446.89	0.14	--	150	ND<0.50	ND<0.50	1.8	1.7	--	82	
07/01/03	478.38	32.88	0.00	445.50	-1.39	--	190	1.8	ND<0.50	9.4	8.7	--	36	
10/03/03	478.38	36.54	0.00	441.84	-3.66	--	ND<10000	140	ND<100	940	560	--	ND<400	
01/08/04	478.38	30.45	0.00	447.93	6.09	--	3500	29	32	90	89	--	27	
04/15/04	478.38	29.48	0.00	448.90	0.97	--	2400	19	ND<2.5	91	53	--	16	
07/15/04	478.38	34.30	0.00	444.08	-4.82	--	8500	150	5.7	970	560	--	24	
12/08/04	478.38	34.80	0.00	443.58	-0.50	--	2700	16	ND<2.5	28	ND<5.0	--	10	
03/23/05	478.38	25.08	0.00	453.30	9.72	--	960	2.7	ND<0.50	9.6	4.8	--	2.5	
06/28/05	478.38	28.75	0.00	449.63	-3.67	--	12000	120	4.9	930	780	--	21	
09/23/05	478.38	32.38	0.00	446.00	-3.63	--	5200	78	ND<25	540	230	--	34	
12/30/05	478.38	30.43	0.00	447.95	1.95	--	2400	15	0.67	99	12	--	3.5	
03/24/06	478.38	25.94	0.00	452.44	4.49	--	4300	52	ND<5.0	440	160	--	11	
06/26/06	478.38	28.07	0.00	450.31	-2.13	--	5300	59	ND<5.0	520	300	--	ND<5.0	
09/26/06	478.38	33.31	0.00	445.07	-5.24	--	7400	78	ND<5.0	490	160	--	6.4	
11/21/06	478.38	31.65	0.00	446.73	1.66	--	1500	5.5	ND<0.50	37	2.4	--	1.4	
03/26/07	478.38	29.25	0.00	449.13	2.40	--	480	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.50	
06/27/07	478.38	35.09	0.00	443.29	-5.84	--	110	1.2	ND<0.50	1.3	ND<0.50	--	0.86	
09/23/07	478.38	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/20/07	478.38	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	478.38	33.82	0.00	444.56	--	--	580	1.5	ND<0.50	3.2	ND<1.0	--	ND<0.50	
06/12/08	478.38	38.16	0.00	440.22	-4.34	--	2100	11	0.79	27	2.3	--	1.1	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1998 Through June 2009

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-6 continued														
09/03/08	478.38	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	480.40	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.40	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.40	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-7			**(Screen Interval in feet: --)**											
01/03/02	478.74	32.43	0.00	446.31	--	3100	--	93	ND<10	35	73	140	130	
04/05/02	478.74	34.06	0.00	444.68	-1.63	630	--	22	0.53	2.6	ND<0.50	45	--	
07/02/02	478.74	35.28	0.00	443.46	-1.22	--	1100	21	ND<0.50	6.9	ND<1.0	--	60	
10/01/02	478.74	37.70	0.00	441.04	-2.42	--	1700	11	ND<0.50	3.1	ND<1.0	--	25	
12/30/02	478.74	31.93	0.00	446.81	5.77	--	4600	41	5.3	32	13	--	34	
05/02/03	478.74	31.81	0.00	446.93	0.12	--	3000	17	2.7	14	5.1	--	42	
07/01/03	478.74	33.47	0.00	445.27	-1.66	--	2300	11	0.53	8.0	1.5	--	35	
10/03/03	478.74	35.84	0.00	442.90	-2.37	--	6500	30	ND<5.0	41	ND<10	--	53	
01/08/04	478.74	30.35	0.00	448.39	5.49	--	1600	4.0	ND<1.0	4.2	8.7	--	56	
04/15/04	478.74	29.03	0.00	449.71	1.32	--	3600	22	1.3	64	40	--	57	
07/15/04	478.74	33.52	0.00	445.22	-4.49	--	4700	15	1.2	59	57	--	50	
12/08/04	478.74	34.68	0.00	444.06	-1.16	--	5800	26	1.9	63	27	--	52	
03/23/05	478.74	24.49	0.00	454.25	10.19	--	5600	18	1.3	42	14	--	39	
06/28/05	478.74	28.83	0.00	449.91	-4.34	--	5400	16	1.1	35	10	--	45	
09/23/05	478.74	32.35	0.00	446.39	-3.52	--	2400	13	1.3	31	6.9	--	46	
12/30/05	478.74	30.18	0.00	448.56	2.17	--	2500	11	1.1	28	4.3	--	35	
03/24/06	478.74	25.06	0.00	453.68	5.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	32	
06/26/06	478.74	28.30	0.00	450.44	-3.24	--	2500	11	1.1	45	15	--	55	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1998 Through June 2009
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-7 continued														
09/26/06	478.74	33.47	0.00	445.27	-5.17	--	2300	7.8	0.84	17	2.1	--	61	
11/21/06	478.74	31.66	0.00	447.08	1.81	--	3000	15	1.1	26	2.2	--	69	
03/26/07	478.74	29.82	0.00	448.92	1.84	--	2200	1.2	ND<0.50	ND<0.50	ND<0.50	--	70	
06/27/07	478.74	36.59	0.00	442.15	-6.77	--	590	5.8	ND<0.50	3.3	0.94	--	100	
09/23/07	478.74	44.05	0.00	434.69	-7.46	--	--	--	--	--	--	--	--	Not enough water to sample
12/20/07	478.74	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/17/08	478.74	33.83	0.00	444.91	--	--	1200	1.9	ND<0.50	0.82	ND<1.0	--	27	
06/12/08	478.74	38.56	0.00	440.18	-4.73	--	1200	1.9	ND<0.50	1.1	ND<1.0	--	40	
09/03/08	478.74	--	--	--	--	--	--	--	--	--	--	--	--	Dry
12/03/08	480.78	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.78	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.78	38.80	0.00	441.98	--	--	1100	2.4	0.80	3.2	ND<1.0	--	8.2	
U-8			**(Screen Interval in feet: 35-45)**											
12/03/08	480.43	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.43	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.43	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-9			**(Screen Interval in feet: 35-45)**											
12/03/08	479.39	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	479.39	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	479.39	--	--	--	--	--	--	--	--	--	--	--	--	Dry
U-10			**(Screen Interval in feet: 37-47)**											
12/03/08	480.51	--	--	--	--	--	--	--	--	--	--	--	--	Dry

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1998 Through June 2009
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-10 continued														
02/18/09	480.51	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.51	44.30	0.00	436.21	--	--	1400	15	1.1	12	12	--	88	
U-11			**(Screen Interval in feet: 35-45)**											
12/03/08	480.34	--	--	--	--	--	--	--	--	--	--	--	--	Dry
02/18/09	480.34	--	--	--	--	--	--	--	--	--	--	--	--	Dry
06/11/09	480.34	43.18	0.00	437.16	--	--	1200	0.93	ND<0.50	ND<0.50	ND<1.0	--	2500	
U-12			**(Screen Interval in feet: 63-73)**											
12/03/08	480.75	50.08	0.00	430.67	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/18/09	480.75	46.10	0.00	434.65	3.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/11/09	480.75	45.85	0.00	434.90	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-13			**(Screen Interval in feet: --)**											
12/03/08	480.31	50.74	0.00	429.57	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.85	
02/18/09	480.31	45.87	0.00	434.44	4.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
06/11/09	480.31	46.60	0.00	433.71	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.81	
U-14			**(Screen Interval in feet: 65-75)**											
12/03/08	479.38	49.90	0.00	429.48	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
02/18/09	479.38	46.65	0.00	432.73	3.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/11/09	479.38	45.75	0.00	433.63	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-15			**(Screen Interval in feet: 61-71)**											
12/03/08	479.99	49.58	0.00	430.41	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/18/09	479.99	45.58	0.00	434.41	4.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
06/11/09	479.99	45.45	0.00	434.54	0.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	

Table 2 a
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)
U-1												
10/02/00	ND	--	--	--	--	--	--	--	--	--	--	--
07/01/03	--	ND<500000	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
01/08/04	--	ND<500	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
07/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
12/08/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
03/23/05	--	ND<50	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
U-2												
10/02/00	ND	--	--	--	--	--	--	--	--	--	--	--
07/01/03	--	ND<500000	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
01/08/04	--	ND<500	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
07/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--

Table 2 a
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)
U-2 continued												
12/08/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
03/23/05	--	730	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
09/23/07	69	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	--	58	--	2000
U-3												
10/02/00	63000	--	--	--	--	--	--	--	--	--	--	--
01/08/01	49300	ND	ND	ND	ND	ND	ND	--	--	--	--	--
04/03/01	22200	ND	ND	ND	ND	ND	ND	--	--	--	--	--
07/02/01	27000	ND	ND	ND	ND	ND	ND	--	--	--	--	--
10/08/01	33000	ND<140000000	ND<290	ND<290	ND<290	ND<290	ND<290	--	--	--	--	--
01/03/02	17000	ND<50000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--
04/05/02	66000	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--
07/02/02	47000	ND<13000000	ND<250	ND<250	ND<500	ND<250	ND<250	--	--	--	--	--
10/01/02	ND<50000	ND<250000000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--	--	--
12/30/02	23000	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--
05/02/03	25000	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--	--	--

Table 2 a
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)
U-3 continued												
07/01/03	32000	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--
10/03/03	39000	ND<50000	ND<200	ND<200	ND<2.0	ND<200	ND<200	--	--	--	--	--
01/08/04	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--	--	--
04/15/04	18000	ND<2500	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--
07/15/04	15000	ND<2500	ND<25	ND<25	ND<50	ND<25	ND<25	--	--	--	--	--
12/08/04	34000	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	--	--	--	--
03/23/05	--	ND<5000	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<50000	--	--	--	--	--	--	--	--	--	--
12/30/05	2000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.58	--	--	--	--	--
03/24/06	--	ND<2500	--	--	--	--	--	--	--	--	--	--
06/26/06	18000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
09/26/06	--	ND<1200	--	--	--	--	--	--	--	--	--	--
11/21/06	33000	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
03/26/07	13000	ND<250	ND<0.50	0.95	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	20000	ND<250	ND<0.50	0.79	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
09/23/07	19000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	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
06/12/08	21000	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<100	--	210	--	2800
U-4												
04/03/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
07/02/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
01/03/02	ND<20	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
07/01/03	--	ND<500000	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<500	--	--	--	--	--	--	--	--	--	--

Table 2 a
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)
U-4 continued												
01/08/04	--	ND<500	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
07/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
12/08/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
03/23/05	--	ND<50	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	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
06/12/08	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
U-5												
04/03/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
07/02/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
10/08/01	ND<100	ND<1000000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
01/03/02	ND<20	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
07/01/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
01/08/04	--	ND<500	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--

Table 2 a
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)
U-5 continued												
07/15/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
12/08/04	--	ND<50	--	--	--	--	--	--	--	--	--	--
03/23/05	--	ND<50	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<2500	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	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
06/12/08	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
U-6												
01/03/02	ND<200	ND<5000000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--
07/01/03	--	ND<500000	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<100000	--	--	--	--	--	--	--	--	--	--
01/08/04	--	ND<5000	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<250	--	--	--	--	--	--	--	--	--	--
07/15/04	--	ND<250	--	--	--	--	--	--	--	--	--	--
12/08/04	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/23/05	--	ND<50	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<50000	--	--	--	--	--	--	--	--	--	--

Table 2 a
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)
U-6 continued												
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<2500	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<2500	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<2500	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	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
06/12/08	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
U-7												
01/03/02	30	ND<500000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
07/01/03	--	ND<500000	--	--	--	--	--	--	--	--	--	--
10/03/03	--	ND<5000	--	--	--	--	--	--	--	--	--	--
01/08/04	--	ND<1000	--	--	--	--	--	--	--	--	--	--
04/15/04	--	ND<100	--	--	--	--	--	--	--	--	--	--
07/15/04	--	ND<100	--	--	--	--	--	--	--	--	--	--
12/08/04	--	ND<100	--	--	--	--	--	--	--	--	--	--
03/23/05	--	ND<100	--	--	--	--	--	--	--	--	--	--
06/28/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
09/23/05	--	ND<1000	--	--	--	--	--	--	--	--	--	--
12/30/05	--	ND<250	--	--	--	--	--	--	--	--	--	--
03/24/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
06/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
09/26/06	--	ND<250	--	--	--	--	--	--	--	--	--	--
11/21/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--

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Table 2 a
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)
U-7 continued												
03/26/07	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
06/27/07	14	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
03/17/08	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
06/12/08	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
06/11/09	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
U-10												
06/11/09	98	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<100	--	ND<50	--
U-11												
06/11/09	6800	ND<250	ND<0.50	1.8	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
U-12												
12/03/08	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
02/18/09	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
06/11/09	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
U-13												
12/03/08	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
02/18/09	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
06/11/09	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
U-14												
12/03/08	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
02/18/09	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
06/11/09	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
U-15												
12/03/08	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
02/18/09	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

Table 2 a
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)
U-15 continued												
06/11/09	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

Table 2 b
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 (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)
U-1												
03/17/08	--	--	--	--	--	--	ND<2.0	--	--	--	--	--
U-2												
03/17/08	--	ND<10	--	ND<10	--	--	ND<2.0	540	--	150	--	--
U-3												
03/17/08	410	ND<10	ND<10	ND<10	ND<10	59	ND<2.0	450	ND<10	140	ND<50	ND<10
06/12/08	--	ND<10	--	ND<10	--	--	--	980	--	350	--	--
U-4												
03/17/08	470	ND<10	ND<10	ND<10	ND<10	68	ND<2.0	410	ND<10	140	ND<50	ND<10
06/12/08	52	ND<10	ND<10	ND<10	ND<10	2.4	ND<2.0	610	ND<10	180	ND<50	ND<10
U-5												
03/17/08	390	ND<10	ND<10	ND<10	ND<10	67	ND<2.0	110	--	ND<50	ND<50	ND<10
06/12/08	370	ND<10	ND<10	ND<10	ND<10	66	ND<2.0	86	ND<10	ND<50	ND<50	ND<10
U-6												
03/17/08	330	ND<10	ND<10	ND<10	ND<10	73	ND<2.0	34	ND<10	ND<50	ND<50	ND<10
06/12/08	600	ND<10	ND<10	ND<10	ND<10	69	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10
U-7												
03/17/08	510	ND<10	ND<10	ND<10	ND<10	68	ND<2.0	28	ND<10	ND<50	ND<50	ND<10
06/12/08	490	ND<10	ND<10	ND<10	ND<10	60	ND<2.0	10	ND<10	ND<50	ND<50	ND<10
06/11/09	340	ND<10	ND<10	ND<10	ND<10	31	ND<2.0	ND<10	ND<10	ND<50	ND<50	ND<10
U-10												
06/11/09	50	--	ND<10	--	ND<10	40	ND<2.0	--	ND<10	--	ND<50	ND<10
U-12												
12/03/08	330	ND<10	ND<10	ND<10	ND<10	51	2.7	11	ND<10	ND<50	ND<50	ND<10

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Table 2 b
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 (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Cobalt (total) (µg/l)	Cobalt (dissolved) (µg/l)	Copper (dissolved) (µg/l)
U-12 continued												
02/18/09	330	ND<10	ND<10	ND<10	ND<10	50	2.7	ND<10	ND<10	ND<50	ND<50	ND<10
06/11/09	320	ND<10	ND<10	ND<10	ND<10	47	ND<2.0	21	ND<10	ND<50	ND<50	ND<10
U-13												
12/03/08	110	ND<10	ND<10	ND<10	ND<10	24	85	93	86	ND<50	ND<50	ND<10
02/18/09	98	ND<10	ND<10	ND<10	ND<10	22	88	88	88	ND<50	ND<50	ND<10
06/11/09	110	ND<10	ND<10	ND<10	ND<10	24	82	84	78	ND<50	ND<50	ND<10
U-14												
12/03/08	320	ND<10	ND<10	ND<10	ND<10	47	3.0	ND<10	ND<10	ND<50	ND<50	ND<10
02/18/09	320	ND<10	ND<10	ND<10	ND<10	46	3.4	ND<10	ND<10	ND<50	ND<50	ND<10
06/11/09	310	ND<10	ND<10	ND<10	ND<10	45	2.9	16	ND<10	ND<50	ND<50	ND<10
U-15												
12/03/08	300	ND<10	ND<10	ND<10	ND<10	47	3.7	ND<10	ND<10	ND<50	ND<50	ND<10
02/18/09	91	ND<10	ND<10	ND<10	ND<10	14	10	11	ND<10	ND<50	ND<50	ND<10
06/11/09	30	ND<10	ND<10	ND<10	ND<10	4.6	9.0	12	ND<10	ND<50	ND<50	ND<10

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) (µg/l)	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 (mg/l)
U-2												
03/17/08	330	--	71	--	--	1.7	--	ND<50	--	1500	--	--
U-3												
03/17/08	240	ND<50	65	94	2600	0.84	ND<0.20	ND<50	ND<50	1200	ND<10	1.6
06/12/08	590	--	160	--	--	2.4	--	81	--	2800	--	--
U-4												
03/17/08	250	ND<50	ND<50	88	2000	ND<0.20	ND<0.20	ND<50	ND<50	1300	ND<10	2.3
06/12/08	360	ND<50	53	7.7	720	2.5	ND<0.20	ND<50	ND<50	2100	ND<10	ND<1.0
U-5												
03/17/08	72	ND<50	ND<50	89	76	0.55	ND<0.20	ND<50	ND<50	360	ND<10	2.4
06/12/08	53	ND<50	ND<50	73	36	0.26	ND<0.20	ND<50	ND<50	290	ND<10	1.9
U-6												
03/17/08	17	ND<50	ND<50	120	4300	ND<0.20	ND<0.20	ND<50	ND<50	91	ND<10	1.0
06/12/08	ND<10	ND<50	ND<50	110	3800	0.60	ND<0.20	ND<50	ND<50	47	ND<10	1.3
U-7												
03/17/08	16	ND<50	ND<50	110	2300	ND<0.20	ND<0.20	ND<50	ND<50	79	ND<10	2.4
06/12/08	ND<10	ND<50	ND<50	92	2400	ND<0.20	ND<0.20	ND<50	ND<50	38	ND<10	2.4
06/11/09	ND<10	ND<50	ND<50	50	1100	ND<0.20	ND<0.20	ND<50	ND<50	25	ND<10	2.6
U-10												
06/11/09	--	ND<50	--	87	780	--	ND<0.20	--	ND<50	--	ND<10	30
U-12												
12/03/08	12	ND<50	ND<50	73	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	24	ND<10	2.6
02/18/09	ND<10	ND<50	ND<50	71	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	12	ND<10	2.3
06/11/09	ND<10	ND<50	ND<50	70	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	62	ND<10	2.2

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Copper (total) (µg/l)	Lead (dissolved) (µg/l)	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 (mg/l)
U-13												
12/03/08	21	ND<50	ND<50	53	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	8.3
02/18/09	ND<10	ND<50	ND<50	52	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	14
06/11/09	ND<10	ND<50	ND<50	53	12	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	13
U-14												
12/03/08	26	ND<50	ND<50	67	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	15	ND<10	2.6
02/18/09	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
06/11/09	ND<10	ND<50	ND<50	64	17	ND<0.20	ND<0.20	ND<50	ND<50	40	ND<10	2.5
U-15												
12/03/08	12	ND<50	ND<50	69	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	3.7
02/18/09	ND<10	ND<50	ND<50	62	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	39
06/11/09	ND<10	ND<50	ND<50	62	ND<10	ND<0.20	ND<0.20	ND<50	ND<50	ND<10	ND<10	36

Table 2 d
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 (mg/l)	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)
U-2												
03/17/08	ND<100	--	ND<10	--	--	ND<100	--	240	--	--	590	--
U-3												
03/17/08	ND<100	ND<100	ND<10	ND<10	41	ND<100	ND<100	190	ND<10	ND<10	360	14
06/12/08	ND<100	--	ND<10	--	--	ND<100	--	410	--	--	970	--
U-4												
03/17/08	ND<100	ND<100	ND<10	ND<10	35	ND<100	ND<100	190	ND<10	ND<10	340	37
06/12/08	ND<100	ND<100	ND<10	ND<10	9.0	ND<100	ND<100	260	ND<10	ND<10	420	38
U-5												
03/17/08	ND<100	ND<100	ND<10	ND<10	49	ND<100	ND<100	60	ND<100	ND<10	120	32
06/12/08	ND<100	ND<100	ND<10	ND<10	26	ND<100	ND<100	44	ND<10	ND<10	87	31
U-6												
03/17/08	ND<100	ND<100	ND<10	ND<10	90	ND<100	ND<100	15	ND<10	ND<10	79	160
06/12/08	ND<100	ND<100	ND<10	ND<10	76	ND<100	ND<100	ND<10	ND<10	11	ND<50	190
U-7												
03/17/08	ND<100	ND<100	ND<10	ND<10	68	ND<100	ND<100	12	ND<10	ND<10	51	91
06/12/08	ND<100	ND<100	ND<10	ND<10	59	ND<100	ND<100	ND<10	ND<10	11	ND<50	120
06/11/09	ND<100	ND<100	ND<10	ND<10	62	ND<100	ND<100	ND<10	ND<10	26	ND<50	110
U-10												
06/11/09	--	ND<100	--	ND<10	170	--	ND<100	--	ND<10	24	--	110
U-12												
12/03/08	ND<100	ND<100	ND<10	ND<10	49	ND<100	ND<100	ND<10	ND<10	26	ND<50	85
02/18/09	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	13	ND<50	86
06/11/09	ND<100	ND<100	ND<10	ND<10	50	ND<100	ND<100	ND<10	ND<10	30	ND<50	91

TRC

Table 2 d
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 (mg/l)	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)
U-13												
12/03/08	ND<100	ND<100	ND<10	ND<10	59	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	95
02/18/09	ND<100	ND<100	ND<10	ND<10	65	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	96
06/11/09	ND<100	ND<100	ND<10	ND<10	66	ND<100	ND<100	ND<10	ND<10	29	ND<50	100
U-14												
12/03/08	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	43	69	85
02/18/09	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	24	53	84
06/11/09	ND<100	ND<100	ND<10	ND<10	47	ND<100	ND<100	ND<10	ND<10	34	ND<50	86
U-15												
12/03/08	ND<100	ND<100	ND<10	ND<10	48	ND<100	ND<100	ND<10	ND<10	36	54	87
02/18/09	ND<100	ND<100	ND<10	ND<10	78	ND<100	ND<100	ND<10	ND<10	ND<10	ND<50	86
06/11/09	ND<100	ND<100	ND<10	ND<10	76	ND<100	ND<100	ND<10	ND<10	24	ND<50	92

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-1											
12/30/02	--	--	--	--	--	--	--	0.60	--	--	91
05/02/03	--	--	--	--	--	--	--	0.50	--	--	90
07/01/03	--	--	--	--	--	--	--	0.60	--	--	110
10/03/03	--	--	--	--	--	--	--	3.79	--	--	329
01/08/04	--	--	--	--	--	--	--	12.36	--	--	184
04/15/04	--	--	--	--	--	--	--	10.56	--	--	213
07/15/04	--	--	--	--	--	--	--	6.62	--	--	251
12/08/04	--	--	--	--	--	--	--	2.66	--	--	68
03/23/05	--	--	--	--	--	--	--	3.12	--	--	091
06/28/05	--	--	--	--	--	--	--	8.84	--	--	153
09/23/05	--	--	--	--	--	--	--	2.26	--	--	187
12/30/05	--	--	--	--	--	--	--	7.74	--	--	159
03/24/06	--	--	--	--	--	--	--	4.02	3.88	036	016
06/26/06	--	--	--	--	--	--	--	7.05	5.50	008	007
09/26/06	--	--	--	--	--	--	--	4.24	4.66	203	200
11/21/06	--	--	--	--	--	--	--	4.24	4.56	1.97	2.00
03/26/07	--	--	--	--	--	--	--	6.58	6.98	107	102
06/27/07	--	--	--	--	--	--	--	4.98	4.85	20	34
03/17/08	--	--	--	--	--	--	--	3.12	2.43	151	153
U-2											
10/01/02	--	--	--	--	--	--	--	1.40	--	--	--
12/30/02	--	--	--	--	--	--	--	2.80	--	--	120
05/02/03	--	--	--	--	--	--	--	150.00	--	--	120
07/01/03	--	--	--	--	--	--	--	1.20	--	--	110
10/03/03	--	--	--	--	--	--	--	5.61	--	--	321

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-2 continued											
01/08/04	--	--	--	--	--	--	--	12.11	--	--	- 6
04/15/04	--	--	--	--	--	--	--	11.39	--	--	259
07/15/04	--	--	--	--	--	--	--	7.46	--	--	238
12/08/04	--	--	--	--	--	--	--	3.57	--	--	132
03/23/05	--	--	--	--	--	--	--	4.57	--	--	024
06/28/05	--	--	--	--	--	--	--	8.08	--	--	230
09/23/05	--	--	--	--	--	--	--	5.47	--	--	188
12/30/05	--	--	--	--	--	--	--	8.33	--	--	177
03/24/06	--	--	--	--	--	--	--	4.80	6.20	-004	002
06/26/06	--	--	--	--	--	--	--	6.20	4.51	040	046
09/26/06	--	--	--	--	--	--	--	3.70	3.49	-31	-17
11/21/06	--	--	--	--	--	--	--	3.70	3.45	-29	-20
03/26/07	--	--	--	--	--	--	--	10.05	10.31	90	95
06/27/07	--	--	--	--	--	--	--	3.87	4.21	-63	-41
09/23/07	--	--	--	--	--	--	--	--	--	-133	-48
03/17/08	--	--	--	600	--	--	--	3.31	3.13	154	153
06/12/08	--	--	--	--	--	--	--	--	8.32	177	--
U-3											
10/01/02	--	--	--	--	--	--	--	0.50	--	--	- 47
12/30/02	--	--	--	--	--	--	--	0.20	--	--	106
05/02/03	--	--	--	--	--	--	--	0.50	--	--	85
07/01/03	--	--	--	--	--	--	--	0.50	--	--	90
10/03/03	--	--	--	--	--	--	--	3.80	--	--	- 27
01/08/04	--	--	--	--	--	--	--	12.82	--	--	133
04/15/04	--	--	--	--	--	--	--	3.11	--	--	24

TRC

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-3 continued											
07/15/04	--	--	--	--	--	--	--	1.90	--	--	53
12/08/04	--	--	--	--	--	--	--	1.30	--	--	-81
03/23/05	--	--	--	--	--	--	--	0.52	--	--	-087
06/28/05	--	--	--	--	--	--	--	1.47	--	--	-151
09/23/05	--	--	--	--	--	--	--	1.40	--	--	-80
12/30/05	--	--	--	--	--	--	--	1.45	--	--	-068
03/24/06	--	--	--	--	--	--	--	1.53	0.79	003	009
06/26/06	--	--	--	--	--	--	--	2.19	3.56	015	017
09/26/06	--	--	--	--	--	--	--	1.06	1.10	-72	-95
11/21/06	--	--	--	--	--	--	--	1.04	1.10	-83	-96
03/26/07	--	--	--	--	--	--	--	7.08	6.99	78	68
06/27/07	--	--	--	--	--	--	--	4.89	4.79	-79	-82
09/23/07	--	--	--	--	--	--	--	--	--	-114	-88
03/17/08	0.073	ND<0.44	ND<1.0	530	--	--	--	2.88	1.96	-5	-33
06/12/08	--	--	--	--	--	--	--	0.11	1.30	-17	-40
U-4											
10/01/02	--	--	--	--	--	--	--	1.00	--	--	83
12/30/02	--	--	--	--	--	--	--	0.40	--	--	126
05/02/03	--	--	--	--	--	--	--	0.70	--	--	120
07/01/03	--	--	--	--	--	--	--	0.60	--	--	130
10/03/03	--	--	--	--	--	--	--	2.06	--	--	3.05
01/08/04	--	--	--	--	--	--	--	11.90	--	--	76
04/15/04	--	--	--	--	--	--	--	3.30	--	--	116
07/15/04	--	--	--	--	--	--	--	2.50	--	--	32
12/08/04	--	--	--	--	--	--	--	2.09	--	--	47

TRC

Table 2 e
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 (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-4 continued											
03/23/05	--	--	--	--	--	--	--	0.04	--	--	021
06/28/05	--	--	--	--	--	--	--	2.24	--	--	120
09/23/05	--	--	--	--	--	--	--	3.01	--	--	176
12/30/05	--	--	--	--	--	--	--	1.96	--	--	175
03/24/06	--	--	--	--	--	--	--	1.17	1.48	015	014
06/26/06	--	--	--	--	--	--	--	2.55	1.31	031	034
09/26/06	--	--	--	--	--	--	--	1.38	1.23	-54	-7
11/21/06	--	--	--	--	--	--	--	1.38	1.13	-60	-10
03/26/07	--	--	--	--	--	--	--	7.09	7.28	14	25
06/27/07	--	--	--	--	--	--	--	2.82	2.62	82	73
03/17/08	0.12	0.61	29	540	--	--	--	2.47	2.71	153	150
06/12/08	0.14	ND<0.44	30	610	--	--	--	1.26	4.00	185	188
U-5											
05/02/03	--	--	--	--	--	--	--	0.60	--	--	120
07/01/03	--	--	--	--	--	--	--	0.90	--	--	145
10/03/03	--	--	--	--	--	--	--	2.21	--	--	3.13
01/08/04	--	--	--	--	--	--	--	11.27	--	--	104
04/15/04	--	--	--	--	--	--	--	3.35	--	--	65
07/15/04	--	--	--	--	--	--	--	2.87	--	--	66
12/08/04	--	--	--	--	--	--	--	1.67	--	--	102
03/23/05	--	--	--	--	--	--	--	0.75	--	--	131
06/28/05	--	--	--	--	--	--	--	2.29	--	--	103
09/23/05	--	--	--	--	--	--	--	2.05	--	--	172
12/30/05	--	--	--	--	--	--	--	1.39	--	--	171
03/24/06	--	--	--	--	--	--	--	0.97	0.97	011	013

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-5 continued											
06/26/06	--	--	--	--	--	--	--	7.18	7.23	091	084
09/26/06	--	--	--	--	--	--	--	1.19	0.80	44	44
11/21/06	--	--	--	--	--	--	--	1.12	0.79	41	47
03/26/07	--	--	--	--	--	--	--	3.20	3.60	31	52
06/27/07	--	--	--	--	--	--	--	2.01	1.67	66	58
03/17/08	0.086	3.8	31	530	--	--	--	2.91	1.98	151	156
06/12/08	0.070	1.8	26	550	--	--	--	1.89	1.22	172	171
U-6											
10/01/02	--	--	--	--	--	--	--	0.90	--	--	--
12/30/02	--	--	--	--	--	--	--	0.20	--	--	88
05/02/03	--	--	--	--	--	--	--	0.90	--	--	145
07/01/03	--	--	--	--	--	--	--	0.70	--	--	120
10/03/03	--	--	--	--	--	--	--	2.26	--	--	12
01/08/04	--	--	--	--	--	--	--	11.95	--	--	- 37
04/15/04	--	--	--	--	--	--	--	3.47	--	--	- 20
07/15/04	--	--	--	--	--	--	--	3.25	--	--	- 43
12/08/04	--	--	--	--	--	--	--	0.94	--	--	-91
03/23/05	--	--	--	--	--	--	--	0.55	--	--	-077
06/28/05	--	--	--	--	--	--	--	0.86	--	--	-129
09/23/05	--	--	--	--	--	--	--	1.97	--	--	-82
12/30/05	--	--	--	--	--	--	--	1.01	--	--	-66
03/24/06	--	--	--	--	--	--	--	0.79	1.25	011	009
06/26/06	--	--	--	--	--	--	--	1.23	5.48	015	027
09/26/06	--	--	--	--	--	--	--	6.97	7.05	-67	-69
11/21/06	--	--	--	--	--	--	--	0.83	1.05	-65	-69

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

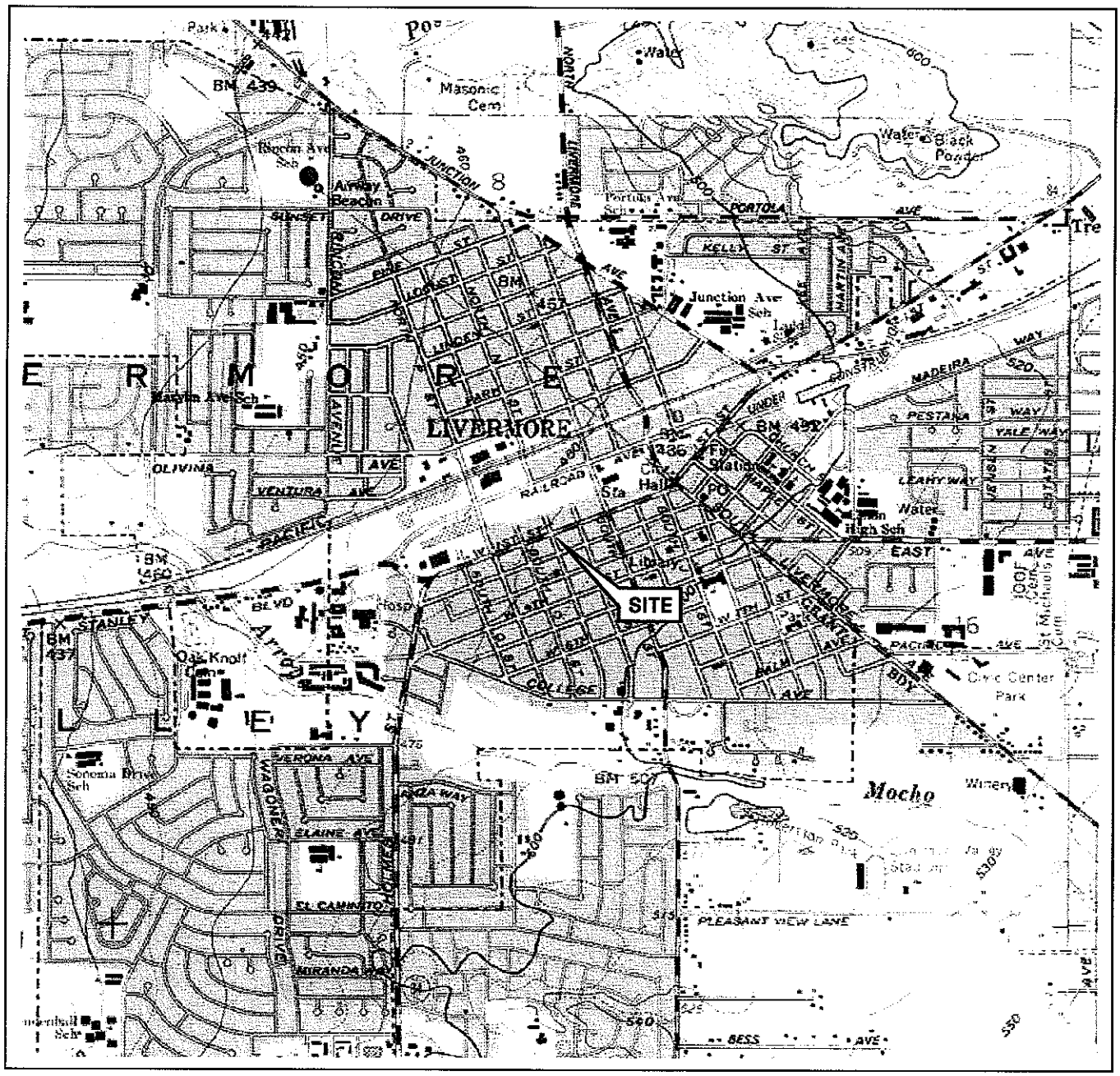
Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-6 continued											
03/26/07	--	--	--	--	--	--	--	6.40	6.26	15	9
06/27/07	--	--	--	--	--	--	--	3.51	3.20	-64	-54
03/17/08	0.066	ND<0.44	51	860	--	--	--	1.19	1.87	101	26
06/12/08	0.11	0.45	27	860	--	--	--	1.10	2.08	-20	-26
U-7											
10/01/02	--	--	--	--	--	--	--	1.80	--	--	- 60
12/30/02	--	--	--	--	--	--	--	0.10	--	--	121
05/02/03	--	--	--	--	--	--	--	0.40	--	--	105
07/01/03	--	--	--	--	--	--	--	0.50	--	--	95
10/03/03	--	--	--	--	--	--	--	2.91	--	--	- 21
01/08/04	--	--	--	--	--	--	--	11.85	--	--	- 51
04/15/04	--	--	--	--	--	--	--	4.68	--	--	- 16
07/15/04	--	--	--	--	--	--	--	2.55	--	--	- 52
12/08/04	--	--	--	--	--	--	--	1.20	--	--	-88
03/23/05	--	--	--	--	--	--	--	0.21	--	--	-088
06/28/05	--	--	--	--	--	--	--	1.32	--	--	-160
09/23/05	--	--	--	--	--	--	--	2.25	--	--	108
12/30/05	--	--	--	--	--	--	--	1.12	--	--	105
03/24/06	--	--	--	--	--	--	--	1.09	0.99	008	009
06/26/06	--	--	--	--	--	--	--	1.46	1.27	025	032
09/26/06	--	--	--	--	--	--	--	0.78	1.02	-47	-63
11/21/06	--	--	--	--	--	--	--	0.88	0.98	-43	-59
03/26/07	--	--	--	--	--	--	--	5.85	6.00	14	8
06/27/07	--	--	--	--	--	--	--	2.98	2.60	-90	-102
03/17/08	0.077	ND<0.44	7.0	640	--	--	--	3.06	2.86	137	120

TRC

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 4186

Date Sampled	Fluoride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Field Conductivity (µS/cm)	Field pH (pH unit)	Field Temp. (deg. C)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-7 continued											
06/12/08	0.15	19	13	700	--	--	--	0.98	2.27	9	-11
06/11/09	ND<0.050	ND<0.44	30	490	--	--	--	--	--	--	--
U-10											
06/11/09	0.49	ND<0.44	190	970	--	--	--	--	--	--	--
U-12											
12/03/08	0.14	28	59	630	--	--	--	2.85	2.71	66	26
02/18/09	0.086	29	61	610	1007	7.82	18.2	2.74	2.65	145	121
06/11/09	0.13	29	61	610	--	--	--	--	--	--	--
U-13											
12/03/08	0.16	26	65	610	--	--	--	1.70	2.21	62	58
02/18/09	0.20	26	69	510	1022	7.75	18.0	1.49	1.52	171	110
06/11/09	0.14	25	71	550	--	--	--	--	--	--	--
U-14											
12/03/08	0.14	25	55	660	--	--	--	2.63	2.96	91	59
02/18/09	0.13	25	57	560	950.4	7.70	18.4	2.25	2.55	106	113
06/11/09	0.11	25	56	600	--	--	--	--	--	--	--
U-15											
12/03/08	0.13	21	52	670	--	--	--	2.21	2.55	108	118
02/18/09	0.12	23	54	570	962.4	7.66	17.4	1.98	1.95	109	104
06/11/09	0.12	22	55	560	--	--	--	--	--	--	--

FIGURES



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

SCALE 1: 24,000

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Livermore Quadrangle

TRC

FACILITY:

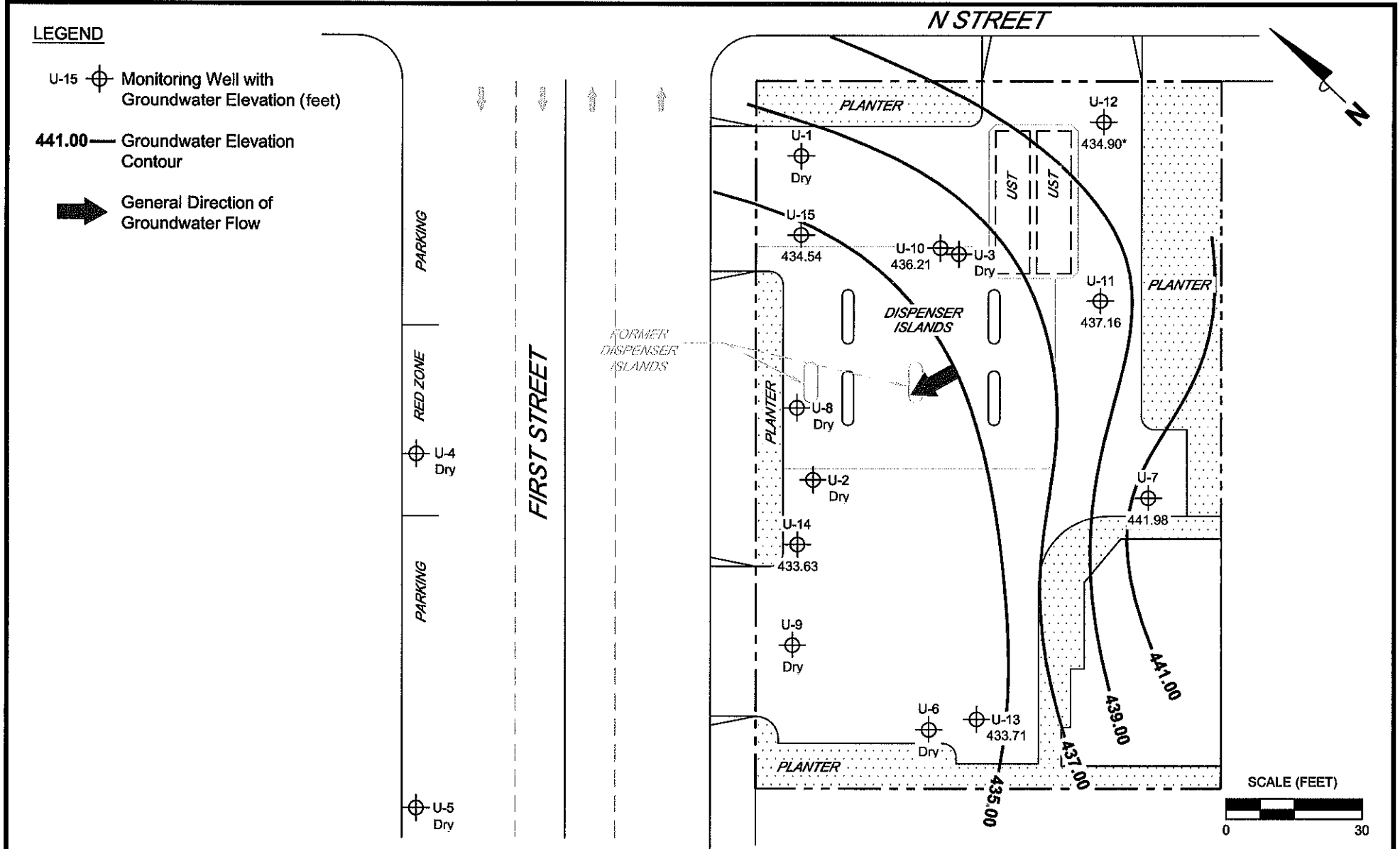
76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\4186vm.DWG Jan 20, 2009 - 10:57am oakers

MS=1:30 4186-003 L:□Graphics□QMS NORTH-SOUTH□x-4000□4186+□4186QMS(NEW).DWG Jul 02, 2009 - 7:18am aakers



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. * = not included in groundwater contour interpretation.
UST = underground storage tank.

TRC

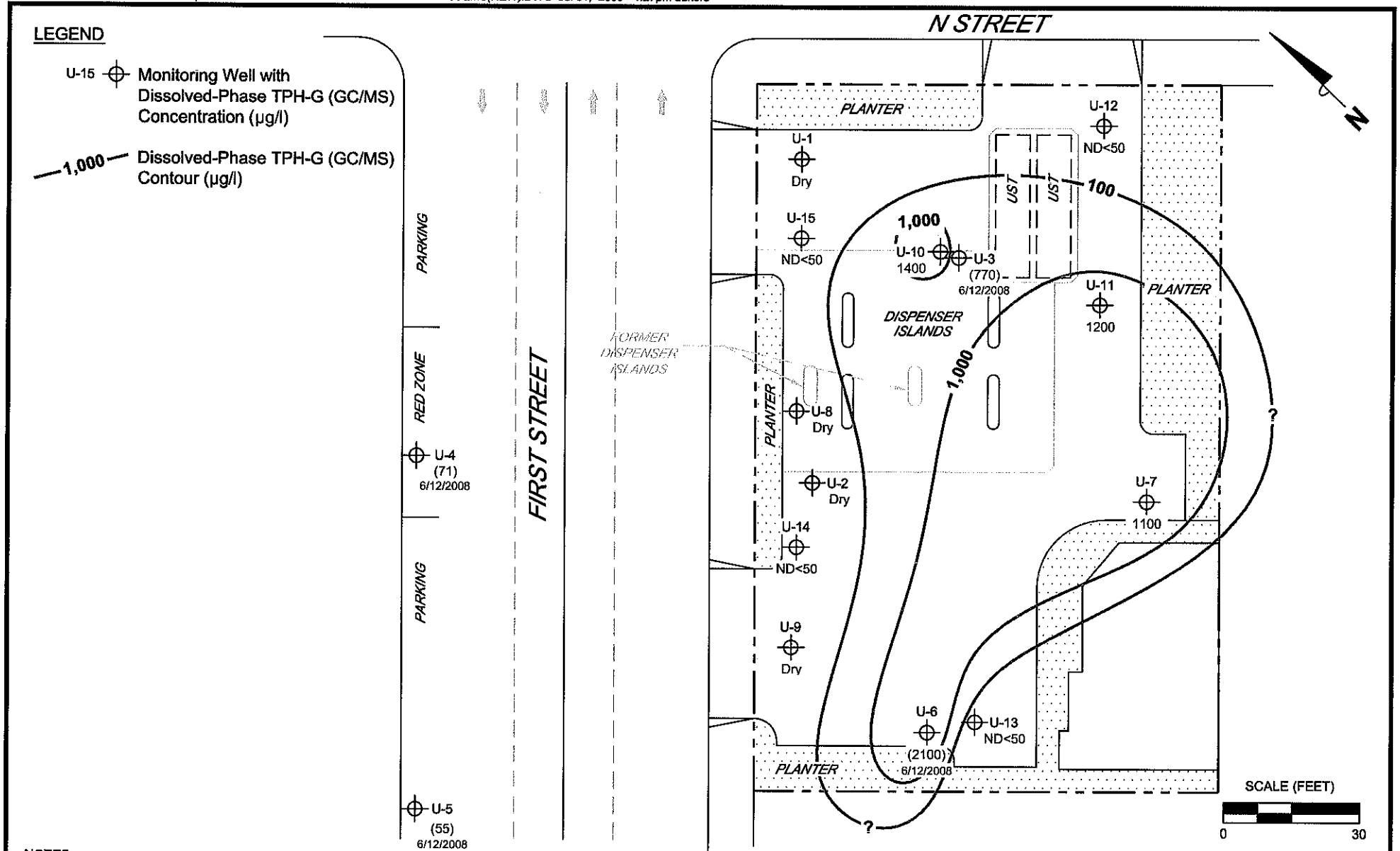
PROJECT: 165521

FACILITY:
76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
June 11, 2009

FIGURE 2

MS=1:30 4186-003 L:□Graphics□QMS NORTH-SOUTH□x-4000□4186+□4186QMS(NEW).DWG Jul 01, 2009 - 1:27pm aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank.

TRC

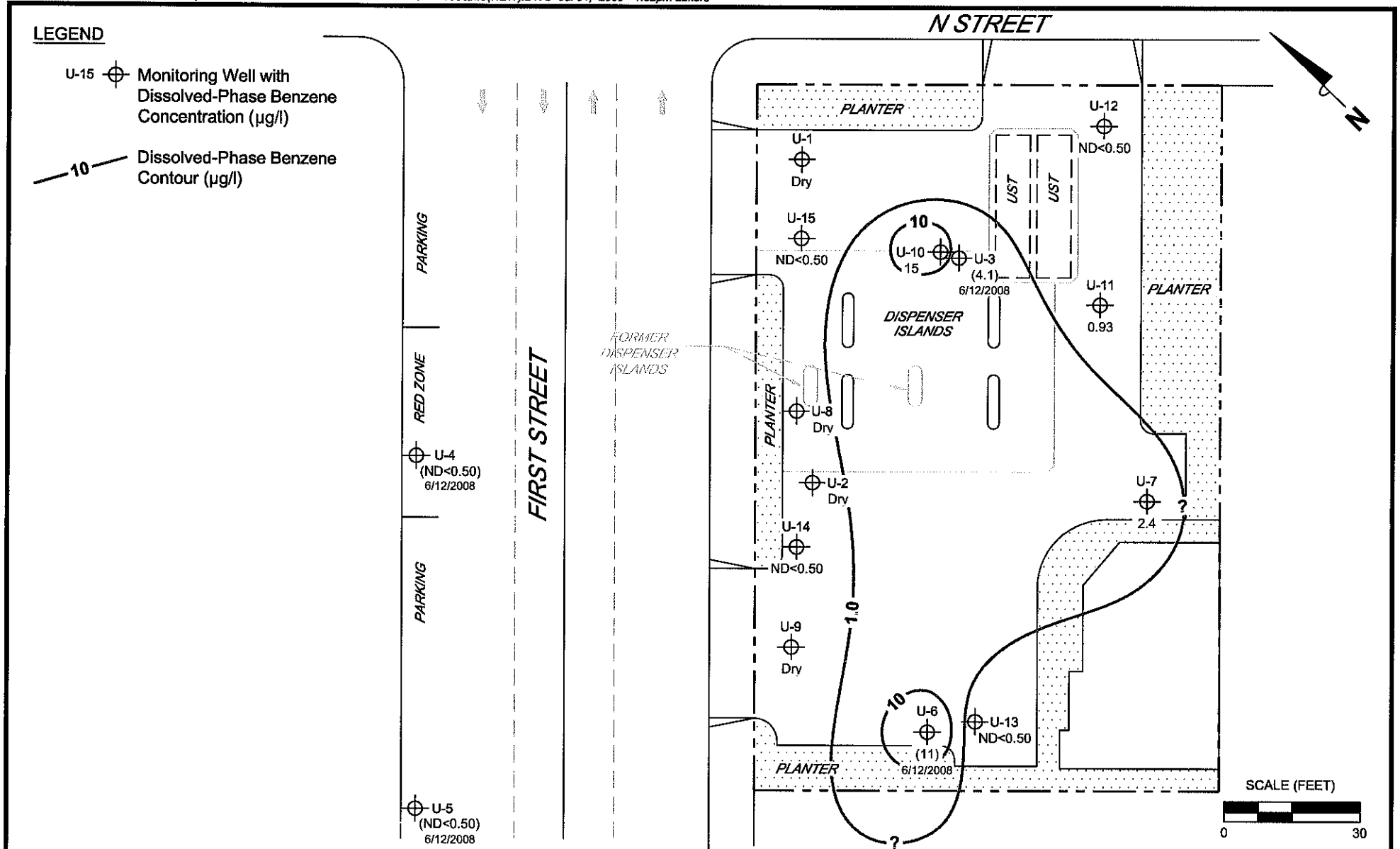
PROJECT: 165521

FACILITY:
76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
June 11, 2009

FIGURE 3

MS=1:30 4186-003 L:□Graphics□QMS NORTH-SOUTH□x-4000□4186+□4186QMS(NEW).DWG Jul 01, 2009 - 1:32pm aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
( ) = representative historical value. UST = underground storage tank.

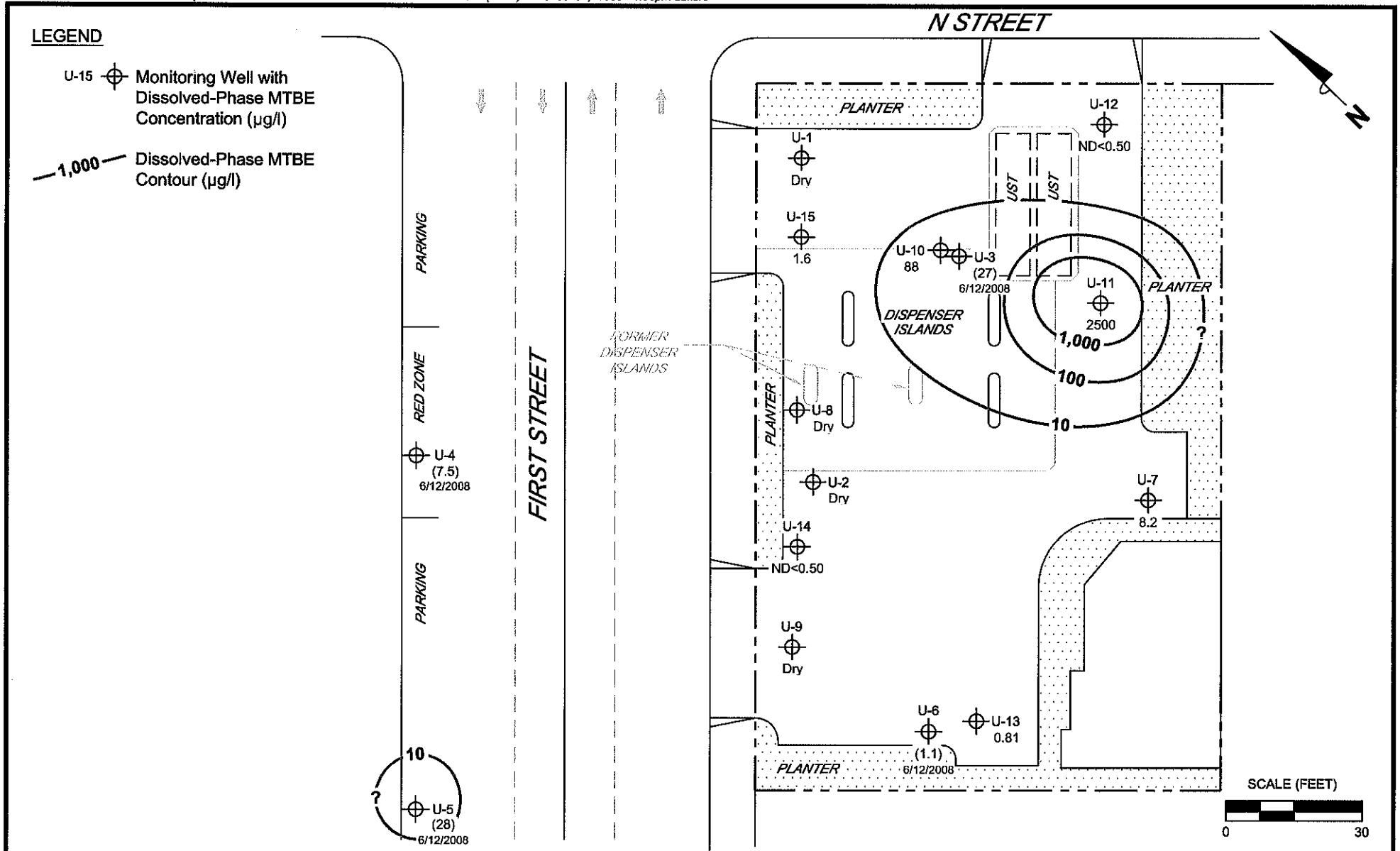
TRC

PROJECT: 165521

FACILITY:
76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
June 11, 2009

FIGURE 4



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank. Results obtained using EPA Method 8260B.

TRC

PROJECT: 165521

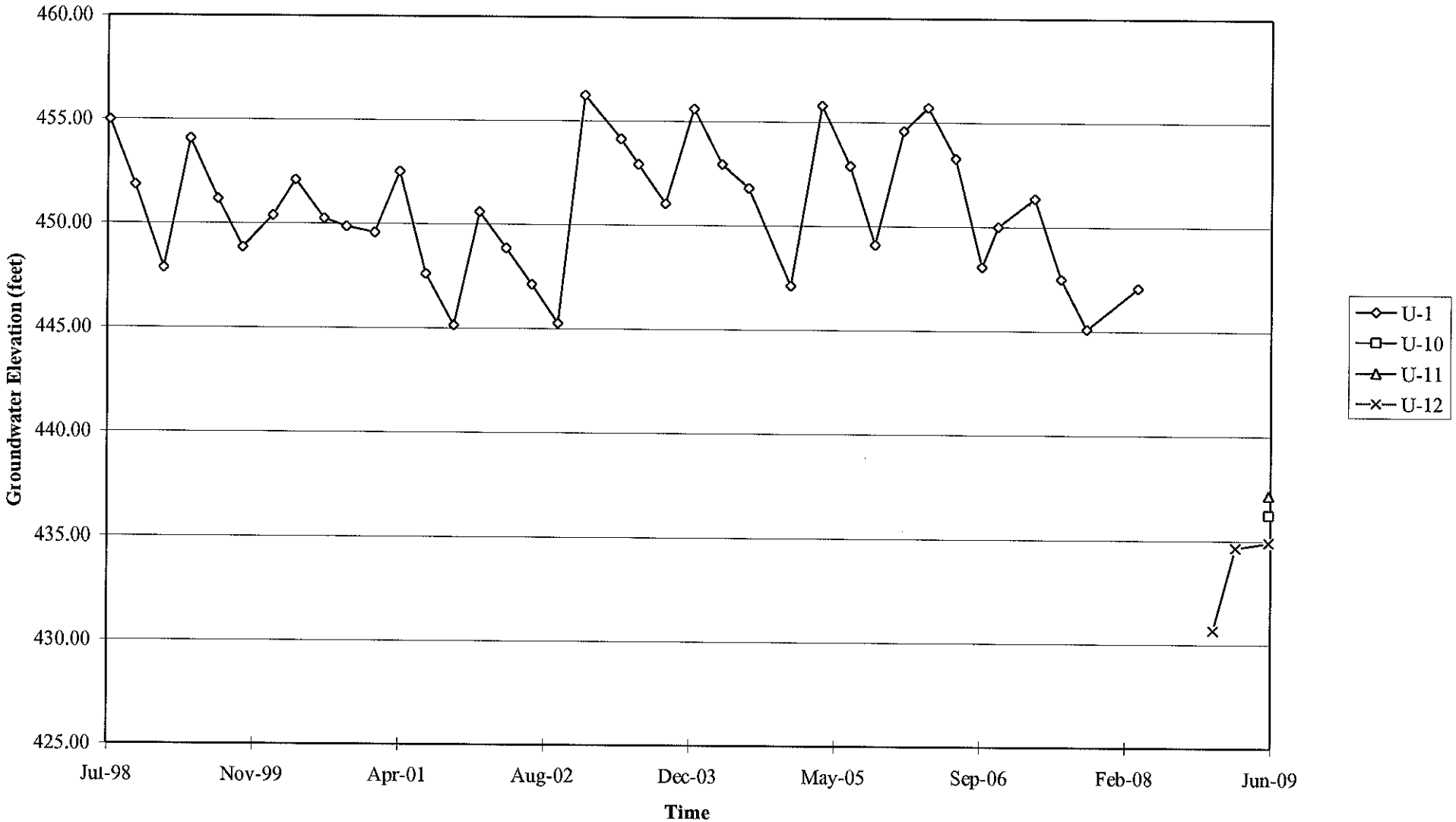
FACILITY:
76 STATION 4186
1771 FIRST STREET
LIVERMORE, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 11, 2009

FIGURE 5

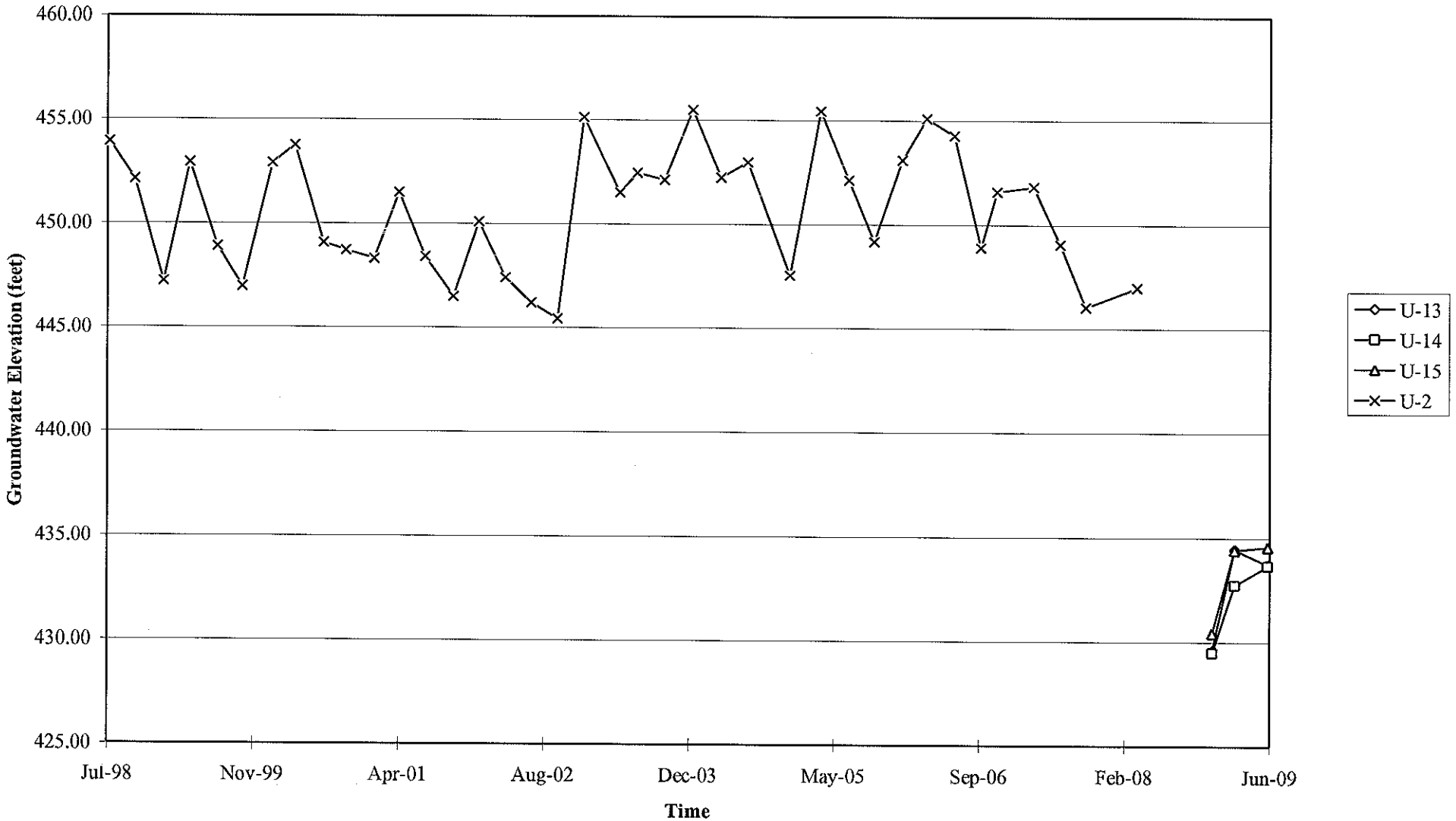
GRAPHS

Groundwater Elevations vs. Time
76 Station 4186



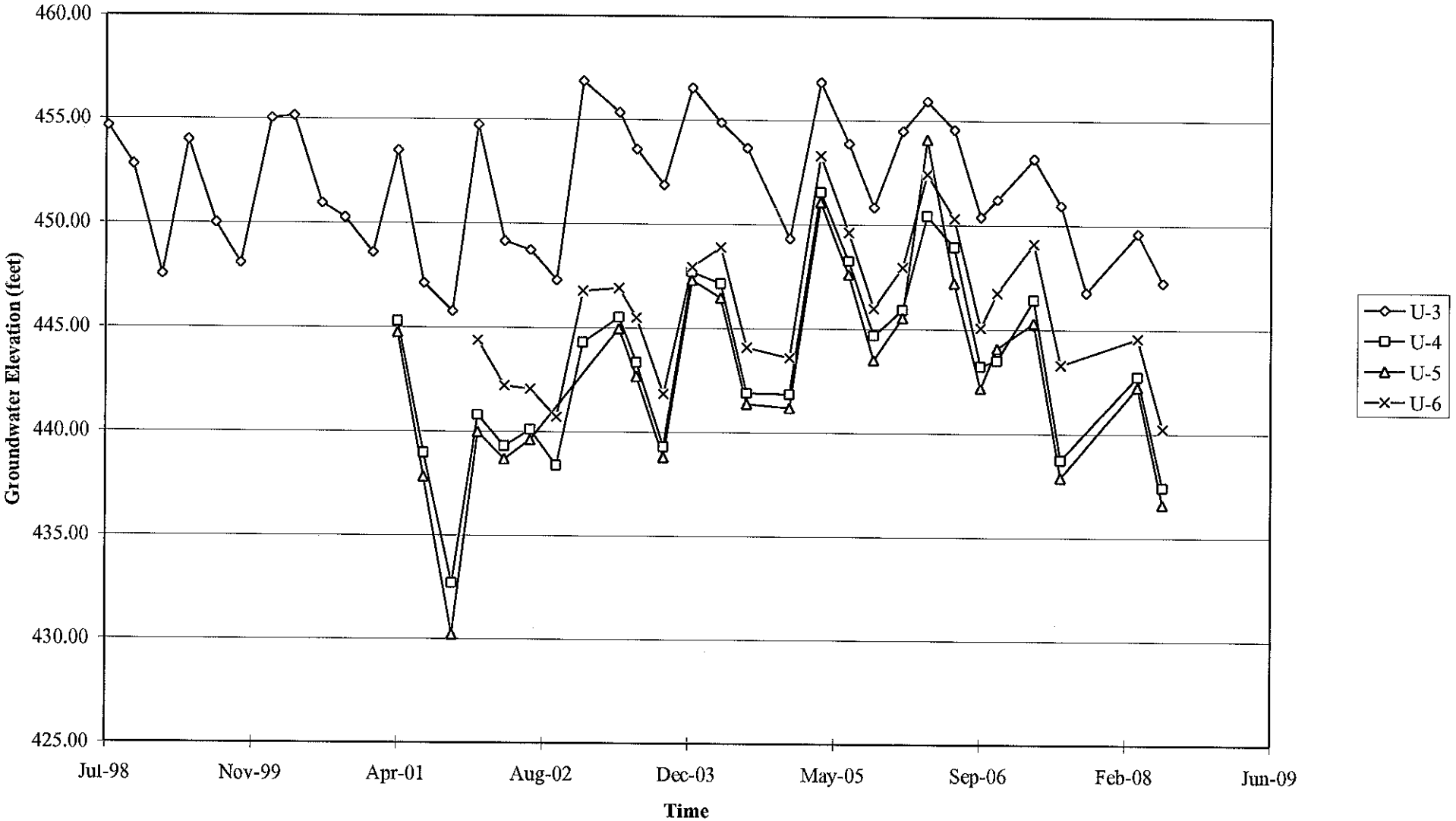
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 4186



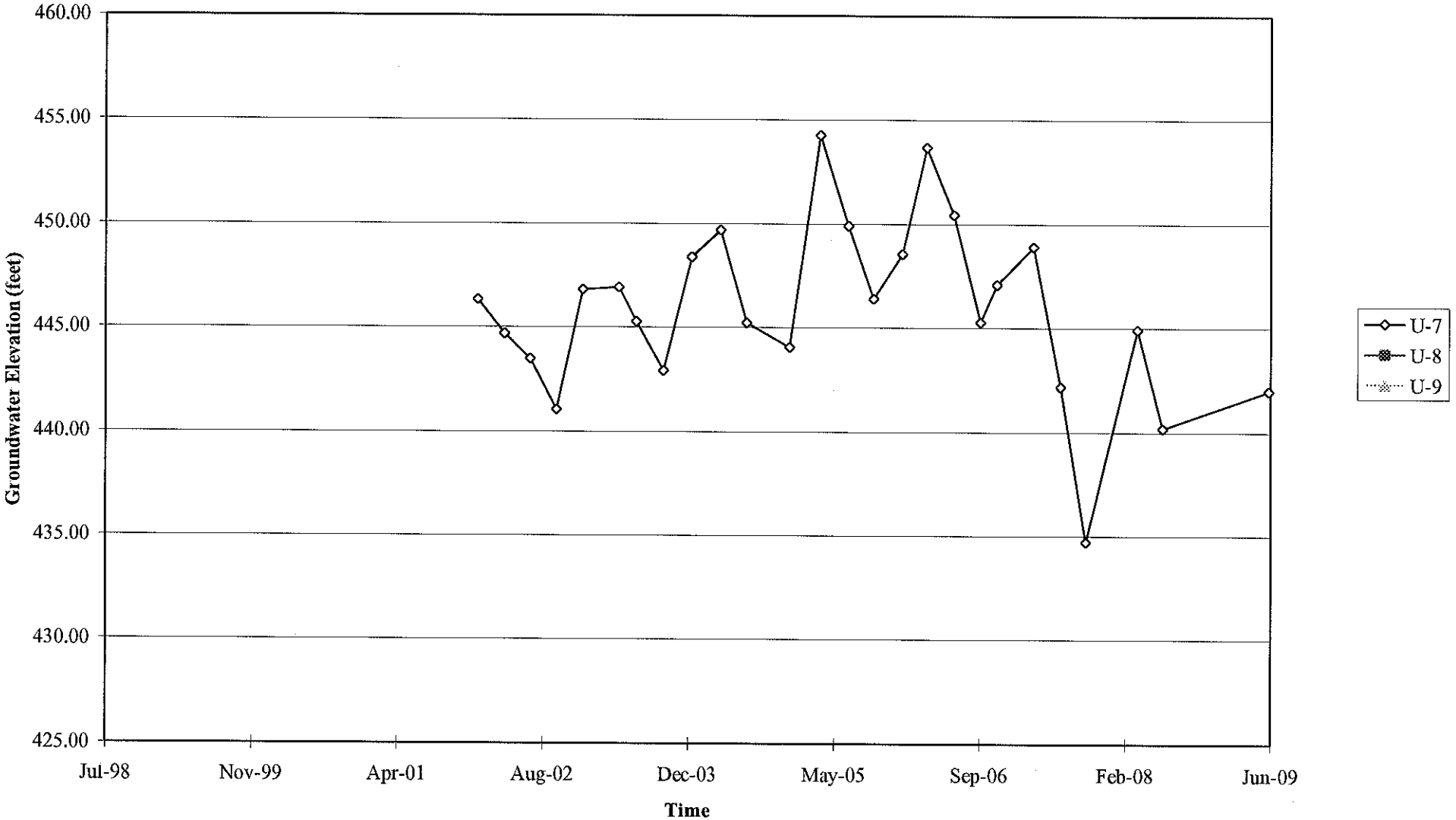
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 4186



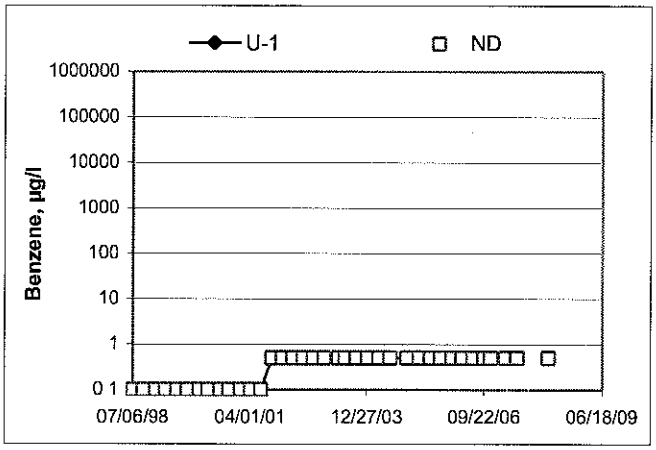
Elevations may have been corrected for apparent changes due to resurvey

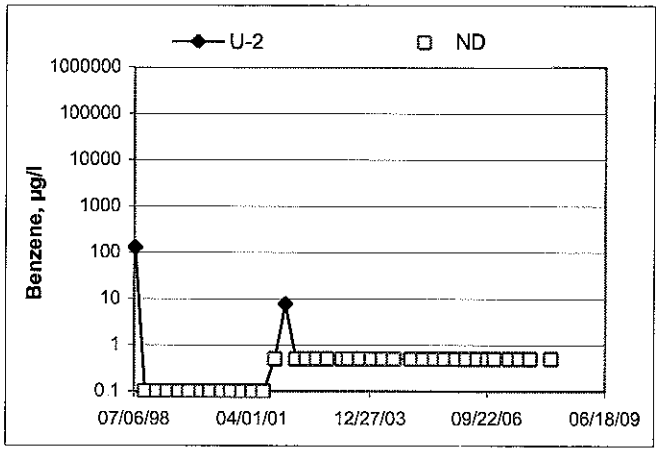
Groundwater Elevations vs. Time
76 Station 4186

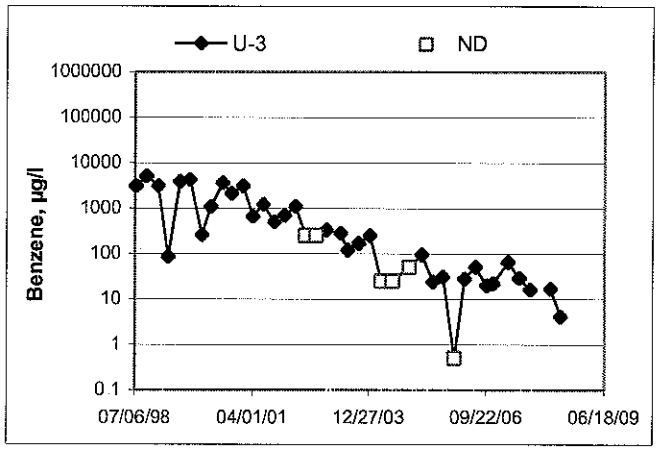


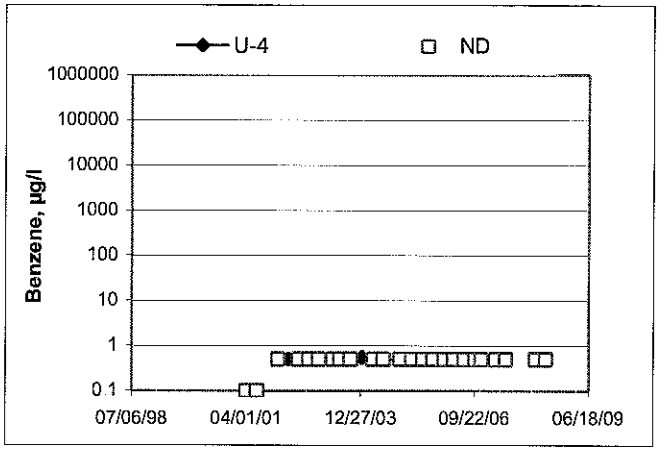
Elevations may have been corrected for apparent changes due to resurvey

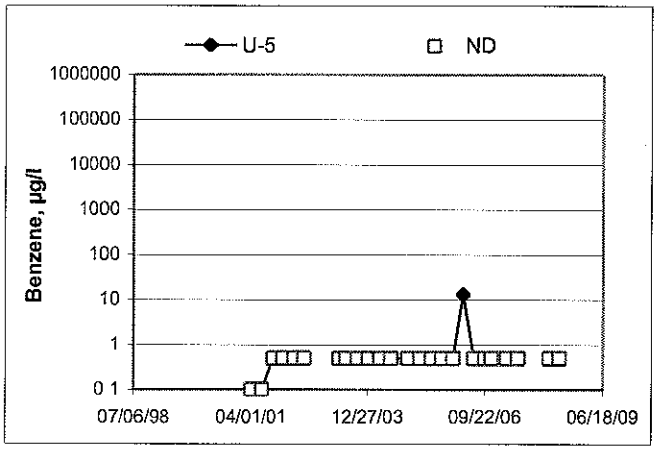
Benzene Concentrations vs Time
76 Station 4186

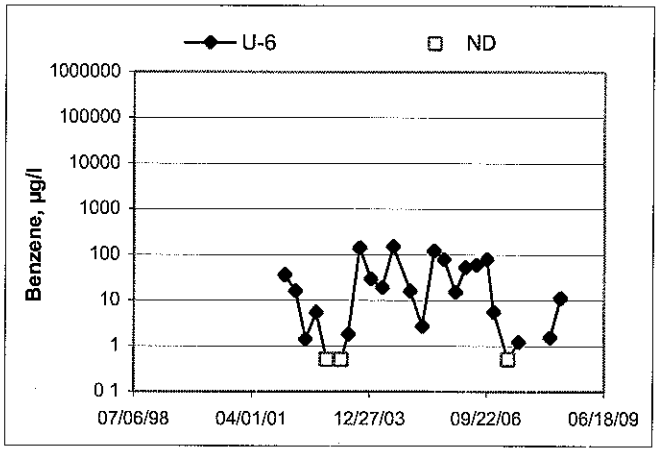


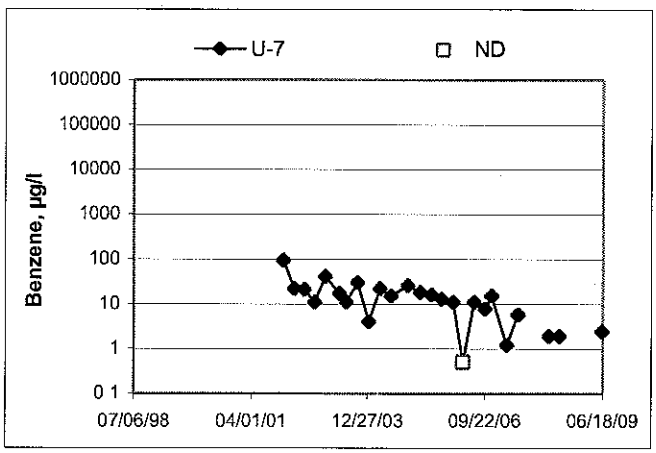


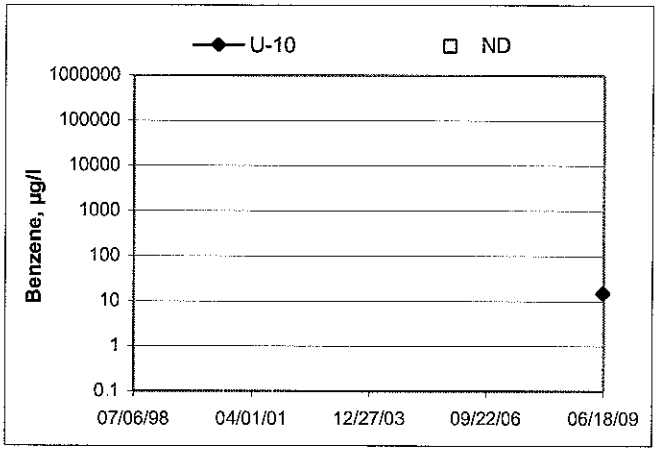




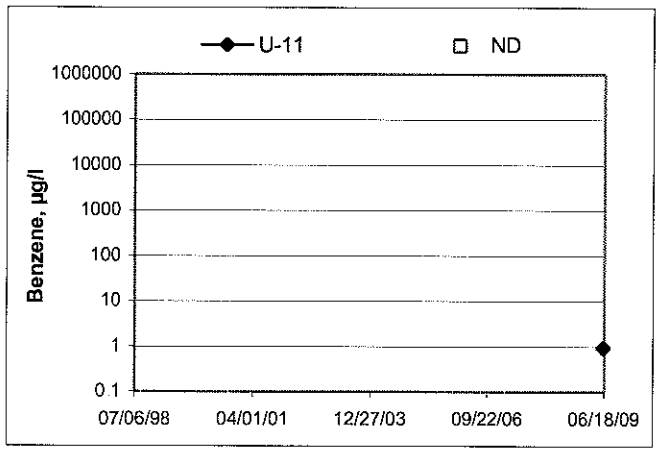


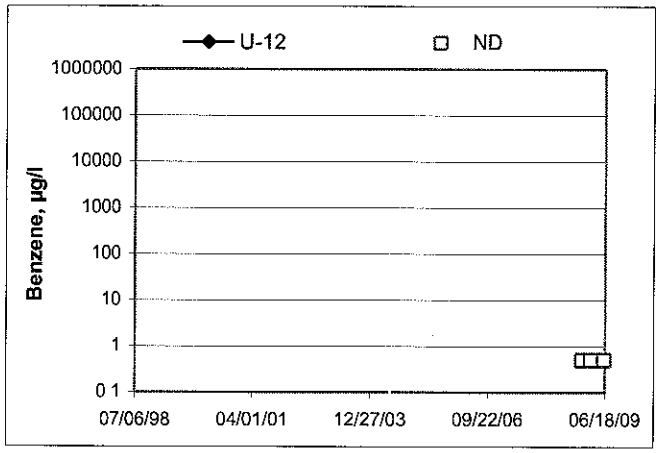


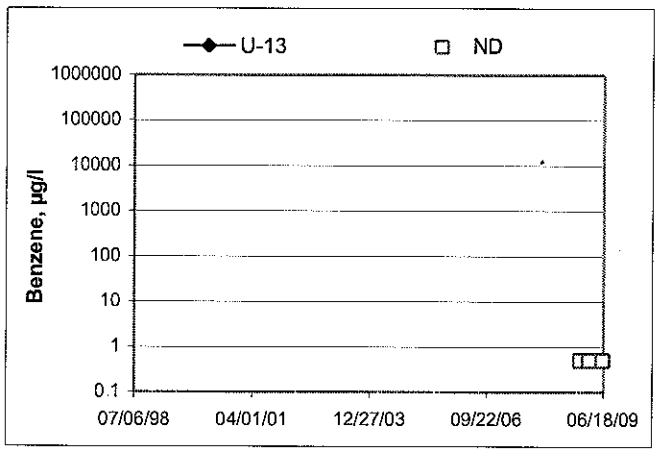


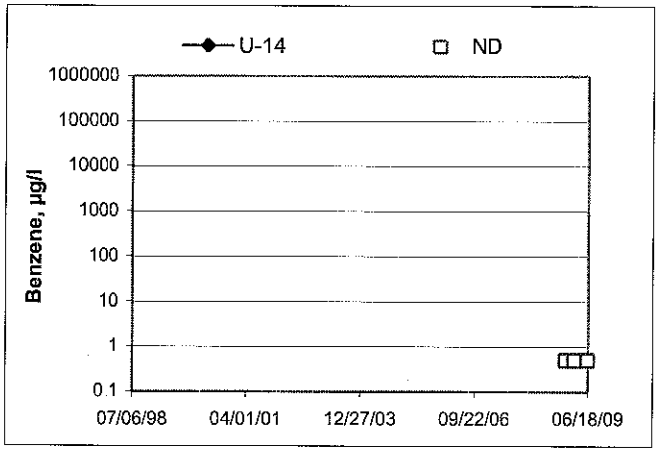


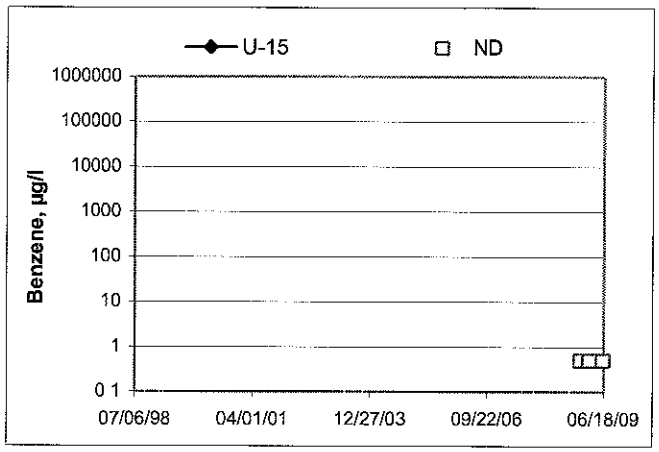
Benzene Concentrations vs Time
76 Station 4186











GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

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

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

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

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

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

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

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

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Ricky H. Job #/Task #: 165521 / FA20 Date: 06/11/09

Site # 4186 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
V-12	X	0552	74.16	45.85	—	—	0930	4"
V-11	X	0556	44.78	43.18	—	—	1010	2"
V-1	X	0602	33.76	33.19	—	—	N/S	2" DRY
V-10	X	0606	47.00	44.30	—	—	1020	2"
V-8	X	0612	44.80	43.48	—	—	N/S	2" Dry while purging Did not recover
V-2	X	0616	33.09	32.55	—	—	N/S	2" DRY
V-14	X	0622	72.16	45.75	—	—	1100	4"
V-9	X	0627	44.87	44.33	—	—	N/S	2" DRY
V-13	X	0632	73.00	46.60	—	—	1145	4"
V-15	X	0635	71.58	45.45	—	—	1220	4"
V-4	X	0647	44.87	44.78	—	—	N/S	2" DRY
V-5	X	0651	47.01	46.50	—	—	N/S	2" DRY
V-7	X	0700	44.38	38.80	—	—	1045	2"
V-3	X	0704	33.40	32.38	—	—	N/S	2" DRY while purging Did not recover
V-6	X	0709	41.40	—	—	—	N/S	2" DRY

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H.

Site: 4186 Project No.: 165521 Date: 06/11/09

Well No. U-12 Purge Method: Sub

Depth to Water (feet): 45.85 Depth to Product (feet): —

Total Depth (feet) 74.16 LPH & Water Recovered (gallons): —

Water Column (feet): 28.31 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 51.51 1 Well Volume (gallons): ~~5~~ per 19

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									
0856			~~5~~ 19	985.0	20.3	7.28	~~8~~ 2.62	3	
			38	982.1	20.5	7.34	1.80	2	
	0922		57	982.7	20.0	7.38	2.99	14	

Static at Time Sampled	Total Gallons Purged	Sample Time
45.85	57	0930

Comments:

Well No. U-11 Purge Method: H.B.

Depth to Water (feet): 43.18 Depth to Product (feet): —

Total Depth (feet) 44.78 LPH & Water Recovered (gallons): —

Water Column (feet): 1.60 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 43.50 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									
0756	0800		1						
			2						
			3						

Static at Time Sampled	Total Gallons Purged	Sample Time
43.90	6	1010

Comments: well went dry before 1st readings/well did not recover in 45mins Static was 43.98. did not recover in 2hrs

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 4186 Project No : 165521 Date: 06/11/09

Well No U-10 Purge Method: H.B.

Depth to Water (feet): 44.30 Depth to Product (feet): —

Total Depth (feet) 47.00 LPH & Water Recovered (gallons): —

Water Column (feet): 2.70 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 44.84 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									
0805			1	1774	19.1	7.77	1.73	139	
			2	1557	19.7	7.62	1.99	111	
	0813		3	1563	20.0	7.50	0.85	79	

Static at Time Sampled	Total Gallons Purged	Sample Time
45.75	3	1020

Comments: well went dry at 3 gallons. did not recover in 2hrs

Well No U-8 Purge Method: H.B.

Depth to Water (feet): 43.48 Depth to Product (feet): —

Total Depth (feet) 44.80 LPH & Water Recovered (gallons): —

Water Column (feet): 1.32 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 43.74 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									
0818	0826		1						
			2						
			3						

Static at Time Sampled	Total Gallons Purged	Sample Time
44.78	0	N/S

Comments: well went dry before 1st readings, did not recover in 45mins
State was 44.75, did not recover in 2hrs.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H.

Site: 4186 Project No: 165521 Date: 06/11/09

Well No. U-14 Purge Method: Sub

Depth to Water (feet): 45.75 Depth to Product (feet): —

Total Depth (feet) 72.16 LPH & Water Recovered (gallons): —

Water Column (feet): 26.41 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 51.03 1 Well Volume (gallons): 18

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									
0952			18	945.5	20.8	7.55	1.69	78	
	1005		36	944.0	21.2	7.37	1.51	7	
1015	1037		54	940.9	20.0	7.52	1.53	49	

Static at Time Sampled	Total Gallons Purged	Sample Time
49.90	54	1100

Comments:

Well No. U-13 Purge Method: Sub

Depth to Water (feet): 46.60 Depth to Product (feet): —

Total Depth (feet) 73.00 LPH & Water Recovered (gallons): —

Water Column (feet): 26.40 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 51.88 1 Well Volume (gallons): 18

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									
1115			18	1006	21.0	7.65	1.18	68	
			36	1002	21.2	7.36	0.64	0	
	to 1138		54	999.1	21.3	7.33	0.55	-8	

Static at Time Sampled	Total Gallons Purged	Sample Time
46.72	54	1145

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 4186 Project No: 165551 Date: 06/11/09

Well No U-15 Purge Method: Sub

Depth to Water (feet): 45.45 Depth to Product (feet): —

Total Depth (feet) 71.58 LPH & Water Recovered (gallons): —

Water Column (feet): 26.13 Casing Diameter (Inches): 4

80% Recharge Depth(feet): 50.68 1 Well Volume (gallons): 18

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									
~~0952~~ 1147			18	930.2	21.5	7.60	1.28	77	
1152			36	932.2	21.9	7.37	1.27	56	
	1214		54	935.7	22.3	7.39	1.23	24	

Static at Time Sampled	Total Gallons Purged	Sample Time
45.60	54	1220

Comments:

Well No U-7 Purge Method: H.B.

Depth to Water (feet): 38.80 Depth to Product (feet): —

Total Depth (feet) 44.38 LPH & Water Recovered (gallons): —

Water Column (feet): 5.58 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 39.92 1 Well Volume (gallons): 1

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									
0830			1	832.6	~~7.46~~ 18	7.42	0.87	-5	
			2	831.9	19.2	7.24	0.66	-12	
	0837		3	837.9	19.6	7.15	0.49	-18	

Static at Time Sampled	Total Gallons Purged	Sample Time
40.03	3	1045

Comments: did not recover in 2hrs.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 4186 Project No.: 165521 Date: 06/11/09

Well No. U-3 Purge Method: H.B.

Depth to Water (feet): 32.38 Depth to Product (feet): —

Total Depth (feet) 33.40 LPH & Water Recovered (gallons): —

Water Column (feet): 1.02 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 32.58 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									
0840	0845		1						
			2						
			3						

Static at Time Sampled	Total Gallons Purged	Sample Time
33.37	6	N/A

Comments: Well went dry before 1st reading. did not recover in 45mins Static was 33.39, did not recover in 2hrs.

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

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 06/11/09 SITE ID: 4186

TECH: Ricky H. CALLED SUPERVISOR: (YES) / NO

CALLED PM: (YES) / NO NAME OF PM: A. Collins

WELL ID: U-1 well was dry Unable to collect samples for TPH-g by GC/MS, BTEX/MTBE/OXYS by 8260B, Ethanol by 8260B, EDB/EDC by 8260B, Hexavalent Chromium, TDS, Dissolved CAM17 metals, [Ca, Mg, Na, K, Mn], Chloride, Sulfate, Nitrate, fluoride, and total CAM17 metals.

WELL ID: U-2, U-9, U-4, U-5, and U-6 same as above

WELL ID: U-8 and U-3 went dry while purging Unable to collect samples for same as above (well did not recover)

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 06/11/09 SITE ID: 4186

TECH: Ricky H CALLED SUPERVISOR: YES / NO

CALLED PM: YES / NO NAME OF PM: A Collins

WELL ID: V-11 unable to collect samples for Hexavalent chromium, TDS, Dissolved CAM 17 metals, Dissolved Metals (Ca, Na, Mg, K, Mn) Chloride, Sulfate, Nitrate, fluoride, and total CAM 17 Metals. Not enough water

WELL ID: V-10 UNable to collect samples for total CAM17 metals, Not enough water

WELL ID:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 06/29/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE. 4186
BC Work Order: 0907707
Invoice ID: B064134

Enclosed are the results of analyses for samples received by the laboratory on 6/11/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Farfan	**Reported:** 06/29/2009 9:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0907707-01	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 09:30	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-12	**Sample Matrix:**	Water	Location ID (FieldPoint): U-12
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:
0907707-02	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Delivery Work Order:
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 10:10	Global ID: T0600101777
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): U-11
	Sampling Point:	U-11	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0907707-03	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 10:20	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-10	**Sample Matrix:**	Water	Location ID (FieldPoint): U-10
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Farfan	**Reported:** 06/29/2009 9:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0907707-04	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 11:00	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-14	**Sample Matrix:**	Water	Location ID (FieldPoint): U-14
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:
0907707-05	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 11:45	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-13	**Sample Matrix:**	Water	Location ID (FieldPoint): U-13
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:
0907707-06	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 10:45	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-7	**Sample Matrix:**	Water	Location ID (FieldPoint): U-7
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Farfan	**Reported:** 06/29/2009 9:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0907707-07	**COC Number:**	---	**Receive Date:**	06/11/2009 21:25	Metal Analysis: 2-Lab Filtered and Acidified
	Project Number:	4511030521	**Sampling Date:**	06/11/2009 12:20	Delivery Work Order:
	Sampling Location:	---	**Sample Depth:**	---	Global ID: T0600101777
	Sampling Point:	U-15	**Sample Matrix:**	Water	Location ID (FieldPoint): U-15
	Sampled By:	TRCI			Matrix: W
					Sample QC Type (SACode): CS
					Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-01 | **Client Sample Name:** 4511030521, U-12, 6/11/2009 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Toluene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	**15**	**ug/L**	**10**		**EPA-8260**	**06/18/09**	**06/19/09 22:36**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:36	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-01 | **Client Sample Name:** 4511030521, U-12, 6/11/2009 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	47	mg/L	0.10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Magnesium	70	mg/L	0.050		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Sodium	50	mg/L	0.50		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Potassium	2.2	mg/L	1.0		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Chloride	91	mg/L	0.50		EPA-300.0	06/12/09	06/12/09 11:00	VH1	IC1	1	BSF0979	ND	
Fluoride	0.13	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 11:00	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	29	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 11:00	VH1	IC1	1	BSF0979	ND	
Sulfate	61	mg/L	1.0		EPA-300.0	06/12/09	06/12/09 11:00	VH1	IC1	1	BSF0979	ND	
Total Dissolved Solids @ 180 C	610	mg/L	33		EPA-160.1	06/17/09	06/17/09 08:00	JLR	MANUAL	3.333	BSF1459	ND	

TRC
21 Technology Drive
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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-01 | **Client Sample Name:** 4511030521, U-12, 6/11/2009 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	ND	ug/L	2.0		EPA-7196	06/12/09	06/12/09 08:44	TDC	KONE-i	1	BSF0971	ND	
Barium	**320**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:42**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Chromium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Manganese	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Mercury	ND	ug/L	0.20		EPA-7470A	06/24/09	06/25/09 17:14	MEV	CETAC1	1	BSF1661	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:42	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**30**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:42**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Total Antimony	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Arsenic	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Barium	**400**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:28**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Beryllium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-01 | **Client Sample Name:** 4511030521, U-12, 6/11/2009 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Cadmium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Chromium	**21**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:28**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Cobalt	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Copper	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Lead	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 15:56	MEV	CETAC1	1	BSF1538	ND	
Total Molybdenum	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Nickel	**62**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:28**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Selenium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Silver	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Thallium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Vanadium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	
Total Zinc	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:28	JDC	PE-OP2	1	BSF1292	ND	

TRC
21 Technology Drive
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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-02 | **Client Sample Name:** 4511030521, U-11, 6/11/2009 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**0.93**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 22:18**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	**1.8**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 22:18**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
Methyl t-butyl ether	**2500**	**ug/L**	**50**		**EPA-8260**	**06/18/09**	**06/23/09 21:56**	**SDU**	**MS-V12**	**100**	**BSF1284**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	**6800**	**ug/L**	**10**		**EPA-8260**	**06/18/09**	**06/19/09 22:18**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	**1200**	**ug/L**	**50**		**Luft-GC/MS**	**06/18/09**	**06/19/09 22:18**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:56	SDU	MS-V12	100	BSF1284		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:56	SDU	MS-V12	100	BSF1284		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:56	SDU	MS-V12	100	BSF1284		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 22:18	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-03 | **Client Sample Name:** 4511030521, U-10, 6/11/2009 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**15**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
Ethylbenzene	**12**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Methyl t-butyl ether	**88**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Toluene	**1.1**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Total Xylenes	**12**	**ug/L**	**1.0**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	**98**	**ug/L**	**10**		**EPA-8260**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	**1400**	**ug/L**	**50**		**Luft-GC/MS**	**06/18/09**	**06/19/09 21:59**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:59	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-03 | **Client Sample Name:** 4511030521, U-10, 6/11/2009 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	40	mg/L	0.10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Magnesium	87	mg/L	0.050		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Sodium	170	mg/L	0.50		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Potassium	30	mg/L	1.0		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Chloride	110	mg/L	0.50		EPA-300.0	06/12/09	06/12/09 11:54	VH1	IC1	1	BSF0979	ND	
Fluoride	0.49	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 11:54	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	ND	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 11:54	VH1	IC1	1	BSF0979	ND	
Sulfate	190	mg/L	1.0		EPA-300.0	06/12/09	06/12/09 11:54	VH1	IC1	1	BSF0979	ND	
Total Dissolved Solids @ 180 C	970	mg/L	50		EPA-160.1	06/17/09	06/17/09 08:00	JLR	MANUAL	5	BSF1459	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-03 | **Client Sample Name:** 4511030521, U-10, 6/11/2009 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	ND	ug/L	2.0		EPA-7196	06/12/09	06/12/09 08:44	TDC	KONE-1	1	BSF0971	ND	
Barium	**50**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:45**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Chromium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Manganese	**780**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:45**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 15:58	MEV	CETAC1	1	BSF1538	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:45	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**24**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:45**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	

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Project: 4186
Project Number: 4511030521
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Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-04 | **Client Sample Name:** 4511030521, U-14, 6/11/2009 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Toluene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	96.8	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 21:40	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-04 | **Client Sample Name:** 4511030521, U-14, 6/11/2009 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	45	mg/L	0.10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Magnesium	64	mg/L	0.050		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Sodium	47	mg/L	0.50		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Potassium	2.5	mg/L	1.0		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Chloride	86	mg/L	0.50		EPA-300.0	06/12/09	06/12/09 12:08	VH1	IC1	1	BSF0979	ND	
Fluoride	0.11	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 12:08	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	25	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 12:08	VH1	IC1	1	BSF0979	ND	
Sulfate	56	mg/L	1.0		EPA-300.0	06/12/09	06/12/09 12:08	VH1	IC1	1	BSF0979	ND	
Total Dissolved Solids @ 180 C	600	mg/L	33		EPA-160.1	06/17/09	06/17/09 08:00	JLR	MANUAL	3.333	BSF1459	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-04 | **Client Sample Name:** 4511030521, U-14, 6/11/2009 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	**2.9**	**ug/L**	**2.0**		**EPA-7196**	**06/12/09**	**06/12/09 08:44**	**TDC**	**KONE-1**	**1**	**BSF0971**	**ND**	
Barium	**310**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Chromium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Manganese	**17**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Mercury	ND	ug/L	0.20		EPA-7470A	06/24/09	06/25/09 17:17	MEV	CETAC1	1	BSF1661	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:48	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**34**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Total Antimony	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Arsenic	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Barium	**340**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Beryllium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-04 | **Client Sample Name:** 4511030521, U-14, 6/11/2009 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Cadmium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Chromium	**16**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Cobalt	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Copper	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Lead	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 16:00	MEV	CETAC1	1	BSF1538	ND	
Total Molybdenum	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Nickel	**40**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:48**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Selenium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Silver	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Thallium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Vanadium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	
Total Zinc	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:48	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-05 | **Client Sample Name:** 4511030521, U-13, 6/11/2009 11:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Methyl t-butyl ether	**0.81**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/23/09 21:37**	**SDU**	**MS-V12**	**1**	**BSF1284**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/23/09 21:37	SDU	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-05 **Client Sample Name:** 4511030521, U-13, 6/11/2009 11:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	24	mg/L	0.10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Magnesium	53	mg/L	0.050		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Sodium	66	mg/L	0.50		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Potassium	13	mg/L	1.0		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Chloride	100	mg/L	0.50		EPA-300.0	06/12/09	06/12/09 12:21	VH1	IC1	1	BSF0979	ND	
Fluoride	0.14	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 12:21	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	25	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 12:21	VH1	IC1	1	BSF0979	ND	
Sulfate	71	mg/L	1.0		EPA-300.0	06/12/09	06/12/09 12:21	VH1	IC1	1	BSF0979	ND	
Total Dissolved Solids @ 180 C	550	mg/L	33		EPA-160.1	06/17/09	06/17/09 08:00	JLR	MANUAL	3.333	BSF1459	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-05 | **Client Sample Name:** 4511030521, U-13, 6/11/2009 11:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	**82**	**ug/L**	**2.0**		**EPA-7196**	**06/12/09**	**06/12/09 08:44**	**TDC**	**KONE-1**	**1**	**BSF0971**	**ND**	
Barium	**110**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:52**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Chromium	**78**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:52**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Manganese	**12**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:52**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Mercury	ND	ug/L	0.20		EPA-7470A	06/24/09	06/25/09 17:19	MEV	CETAC1	1	BSF1661	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:52	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**29**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:52**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Total Antimony	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Arsenic	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Barium	**120**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:51**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Beryllium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-05 | **Client Sample Name:** 4511030521, U-13, 6/11/2009 11:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Cadmium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Chromium	**84**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:51**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Cobalt	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Copper	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Lead	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 16:07	MEV	CETAC1	1	BSF1538	ND	
Total Molybdenum	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Nickel	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Selenium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Silver	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Thallium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Vanadium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	
Total Zinc	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:51	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-06 | **Client Sample Name:** 4511030521, U-7, 6/11/2009 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**2.4**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 19:46**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
Ethylbenzene	**3.2**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 19:46**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Methyl t-butyl ether	**8.2**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 19:46**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Toluene	**0.80**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 19:46**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	**1100**	**ug/L**	**50**		**Luft-GC/MS**	**06/18/09**	**06/19/09 19:46**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	97.1	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:46	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
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Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-06 | **Client Sample Name:** 4511030521, U-7, 6/11/2009 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	**31**	**mg/L**	**0.10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Magnesium	**50**	**mg/L**	**0.050**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Sodium	**62**	**mg/L**	**0.50**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Potassium	**2.6**	**mg/L**	**1.0**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Chloride	**110**	**mg/L**	**0.50**		**EPA-300.0**	**06/12/09**	**06/12/09 12:35**	**VH1**	**IC1**	**1**	**BSF0979**	**ND**	
Fluoride	ND	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 12:35	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	ND	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 12:35	VH1	IC1	1	BSF0979	ND	
Sulfate	**30**	**mg/L**	**1.0**		**EPA-300.0**	**06/12/09**	**06/12/09 12:35**	**VH1**	**IC1**	**1**	**BSF0979**	**ND**	
Total Dissolved Solids @ 180 C	**490**	**mg/L**	**33**		**EPA-160.1**	**06/17/09**	**06/17/09 08:00**	**JLR**	**MANUAL**	**3.333**	**BSF1459**	**ND**	

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Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-06 | **Client Sample Name:** 4511030521, U-7, 6/11/2009 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	ND	ug/L	2.0		EPA-7196	06/12/09	06/12/09 08:44	TDC	KONE-1	1	BSF0971	ND	
Barium	**340**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Chromium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Manganese	**1100**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Mercury	ND	ug/L	0.20		EPA-7470A	06/24/09	06/25/09 17:21	MEV	CETAC1	1	BSF1661	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:55	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**26**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Total Antimony	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Arsenic	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Barium	**380**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Beryllium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-06 | **Client Sample Name:** 4511030521, U-7, 6/11/2009 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Cadmium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Chromium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Cobalt	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Copper	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Lead	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 16:09	MEV	CETAC1	1	BSF1538	ND	
Total Molybdenum	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Nickel	**25**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:55**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Selenium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Silver	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Thallium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Vanadium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	
Total Zinc	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:55	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907707-07 | **Client Sample Name:** 4511030521, U-15, 6/11/2009 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Methyl t-butyl ether	**1.6**	**ug/L**	**0.50**		**EPA-8260**	**06/18/09**	**06/19/09 19:28**	**KEA**	**MS-V12**	**1**	**BSF1284**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284		
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284		
4-Bromofluorobenzene (Surrogate)	98.1	%	86 - 115 (LCL - UCL)		EPA-8260	06/18/09	06/19/09 19:28	KEA	MS-V12	1	BSF1284		

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

BCL Sample ID: 0907707-07 | **Client Sample Name:** 4511030521, U-15, 6/11/2009 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Calcium	4.6	mg/L	0.10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Magnesium	62	mg/L	0.050		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Sodium	76	mg/L	0.50		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Potassium	36	mg/L	1.0		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Chloride	92	mg/L	0.50		EPA-300.0	06/12/09	06/12/09 13:15	VH1	IC1	1	BSF0979	ND	
Fluoride	0.12	mg/L	0.050		EPA-300.0	06/12/09	06/12/09 13:15	VH1	IC1	1	BSF0979	ND	
Nitrate as NO3	22	mg/L	0.44		EPA-300.0	06/12/09	06/12/09 13:15	VH1	IC1	1	BSF0979	ND	
Sulfate	55	mg/L	1.0		EPA-300.0	06/12/09	06/12/09 13:15	VH1	IC1	1	BSF0979	ND	
Total Dissolved Solids @ 180 C	560	mg/L	33		EPA-160.1	06/17/09	06/17/09 08:00	JLR	MANUAL	3.333	BSF1459	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-07 | **Client Sample Name:** 4511030521, U-15, 6/11/2009 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Antimony	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Arsenic	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Hexavalent Chromium	**9.0**	**ug/L**	**2.0**		**EPA-7196**	**06/12/09**	**06/12/09 08:44**	**TDC**	**KONE-1**	**1**	**BSF0971**	**ND**	
Barium	**30**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:58**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Beryllium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Cadmium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Chromium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Cobalt	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Copper	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Lead	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Manganese	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Mercury	ND	ug/L	0.20		EPA-7470A	06/24/09	06/25/09 17:23	MEV	CETAC1	1	BSF1661	ND	
Molybdenum	ND	ug/L	50		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Nickel	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Selenium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Silver	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Thallium	ND	ug/L	100		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Vanadium	ND	ug/L	10		EPA-6010B	06/15/09	06/16/09 12:58	JDC	PE-OP2	1	BSF1030	ND	
Zinc	**24**	**ug/L**	**10**		**EPA-6010B**	**06/15/09**	**06/16/09 12:58**	**JDC**	**PE-OP2**	**1**	**BSF1030**	**ND**	
Total Antimony	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Arsenic	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Barium	**52**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:57**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Beryllium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

Reported: 06/29/2009 9:27

Water Analysis (Metals)

BCL Sample ID: 0907707-07 | **Client Sample Name:** 4511030521, U-15, 6/11/2009 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Cadmium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Chromium	**12**	**ug/L**	**10**		**EPA-6010B**	**06/18/09**	**06/19/09 12:57**	**JDC**	**PE-OP2**	**1**	**BSF1292**	**ND**	
Total Cobalt	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Copper	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Lead	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Mercury	ND	ug/L	0.20		EPA-7470A	06/23/09	06/23/09 16:11	MEV	CETAC1	1	BSF1538	ND	
Total Molybdenum	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Nickel	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Selenium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Silver	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Thallium	ND	ug/L	100		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Vanadium	ND	ug/L	10		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	
Total Zinc	ND	ug/L	50		EPA-6010B	06/18/09	06/19/09 12:57	JDC	PE-OP2	1	BSF1292	ND	

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Project: 4186
Project Number: 4511030521
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Reported: 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BSF1284	Matrix Spike	0907714-02	0	23.270	25.000	ug/L		93.1		70 - 130	
		Matrix Spike Duplicate	0907714-02	0	23.430	25.000	ug/L	0.6	93.7	20	70 - 130	
Toluene	BSF1284	Matrix Spike	0907714-02	0	22.340	25.000	ug/L		89.4		70 - 130	
		Matrix Spike Duplicate	0907714-02	0	22.170	25.000	ug/L	0.8	88.7	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSF1284	Matrix Spike	0907714-02	ND	9.8900	10.000	ug/L		98.9		76 - 114	
		Matrix Spike Duplicate	0907714-02	ND	9.9400	10.000	ug/L		99.4		76 - 114	
Toluene-d8 (Surrogate)	BSF1284	Matrix Spike	0907714-02	ND	9.8000	10.000	ug/L		98.0		88 - 110	
		Matrix Spike Duplicate	0907714-02	ND	9.8400	10.000	ug/L		98.4		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSF1284	Matrix Spike	0907714-02	ND	9.8700	10.000	ug/L		98.7		86 - 115	
		Matrix Spike Duplicate	0907714-02	ND	9.7800	10.000	ug/L		97.8		86 - 115	

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Project: 4186
Project Number: 4511030521
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Reported: 06/29/2009 9:27

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Chloride	BSF0979	Duplicate	0907707-01	90.762	92.715		mg/L	2.1		10		
		Matrix Spike	0907707-01	90.762	214.61	101.01	mg/L		123		80 - 120	Q03
		Matrix Spike Duplicate	0907707-01	90.762	210.91	101.01	mg/L	3.3	119	10	80 - 120	
Fluoride	BSF0979	Duplicate	0907707-01	0.13000	0.13800		mg/L	6.0		10		
		Matrix Spike	0907707-01	0.13000	1.1838	1.0101	mg/L		104		80 - 120	
		Matrix Spike Duplicate	0907707-01	0.13000	1.1768	1.0101	mg/L	0	104	10	80 - 120	
Nitrate as NO3	BSF0979	Duplicate	0907707-01	28.858	29.602		mg/L	2.5		10		
		Matrix Spike	0907707-01	28.858	56.162	22.358	mg/L		122		80 - 120	Q03
		Matrix Spike Duplicate	0907707-01	28.858	55.116	22.358	mg/L	4.2	117	10	80 - 120	
Sulfate	BSF0979	Duplicate	0907707-01	61.187	62.604		mg/L	2.3		10		
		Matrix Spike	0907707-01	61.187	185.40	101.01	mg/L		123		80 - 120	Q03
		Matrix Spike Duplicate	0907707-01	61.187	181.46	101.01	mg/L	3.3	119	10	80 - 120	
Calcium	BSF1030	Duplicate	0907696-01	3.2597	3.2470		mg/L	0.4		20		
		Matrix Spike	0907696-01	3.2597	13.400	10.204	mg/L		99.4		75 - 125	
		Matrix Spike Duplicate	0907696-01	3.2597	13.386	10.204	mg/L	0.2	99.2	20	75 - 125	
Magnesium	BSF1030	Duplicate	0907696-01	0.26732	0.27414		mg/L	2.5		20		
		Matrix Spike	0907696-01	0.26732	10.786	10.204	mg/L		103		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.26732	10.895	10.204	mg/L	1.0	104	20	75 - 125	
Sodium	BSF1030	Duplicate	0907696-01	240.92	243.85		mg/L	1.2		20		
		Matrix Spike	0907696-01	240.92	247.82	10.204	mg/L		67.6		75 - 125	A03
		Matrix Spike Duplicate	0907696-01	240.92	253.41	10.204	mg/L	57.4	122	20	75 - 125	A03,Q02
Potassium	BSF1030	Duplicate	0907696-01	1.5667	1.5911		mg/L	1.5		20		
		Matrix Spike	0907696-01	1.5667	11.403	10.204	mg/L		96.4		75 - 125	
		Matrix Spike Duplicate	0907696-01	1.5667	11.443	10.204	mg/L	0.4	96.8	20	75 - 125	
Total Dissolved Solids @ 180 C	BSF1459	Duplicate	0907699-01	713.33	723.33		mg/L	1.4		10		

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Project: 4186
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Reported: 06/29/2009 9:27

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Hexavalent Chromium	BSF0971	Duplicate	0907707-01	1.9490	ND		ug/L			10		
		Matrix Spike	0907707-01	1.9490	55.977	52.632	ug/L		103		85 - 115	
		Matrix Spike Duplicate	0907707-01	1.9490	56.032	52.632	ug/L	0	103	10	85 - 115	
Antimony	BSF1030	Duplicate	0907696-01	-1.7283	ND		ug/L			20		
		Matrix Spike	0907696-01	-1.7283	383.28	408.16	ug/L		93.9		75 - 125	
		Matrix Spike Duplicate	0907696-01	-1.7283	404.82	408.16	ug/L	5.5	99.2	20	75 - 125	
Arsenic	BSF1030	Duplicate	0907696-01	45.155	ND		ug/L			20		
		Matrix Spike	0907696-01	45.155	233.95	204.08	ug/L		92.5		75 - 125	
		Matrix Spike Duplicate	0907696-01	45.155	244.36	204.08	ug/L	5.4	97.6	20	75 - 125	
Barium	BSF1030	Duplicate	0907696-01	2.6015	ND		ug/L			20		
		Matrix Spike	0907696-01	2.6015	419.85	408.16	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907696-01	2.6015	424.25	408.16	ug/L	1.0	103	20	75 - 125	
Beryllium	BSF1030	Duplicate	0907696-01	-0.20257	ND		ug/L			20		
		Matrix Spike	0907696-01	-0.20257	209.53	204.08	ug/L		103		75 - 125	
		Matrix Spike Duplicate	0907696-01	-0.20257	210.43	204.08	ug/L	0	103	20	75 - 125	
Cadmium	BSF1030	Duplicate	0907696-01	0.37566	ND		ug/L			20		
		Matrix Spike	0907696-01	0.37566	208.97	204.08	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.37566	208.78	204.08	ug/L	0	102	20	75 - 125	
Chromium	BSF1030	Duplicate	0907696-01	41.123	41.798		ug/L	1.6		20		
		Matrix Spike	0907696-01	41.123	244.14	204.08	ug/L		99.5		75 - 125	
		Matrix Spike Duplicate	0907696-01	41.123	244.74	204.08	ug/L	0.3	99.8	20	75 - 125	
Cobalt	BSF1030	Duplicate	0907696-01	-0.18671	ND		ug/L			20		
		Matrix Spike	0907696-01	-0.18671	210.05	204.08	ug/L		103		75 - 125	
		Matrix Spike Duplicate	0907696-01	-0.18671	214.83	204.08	ug/L	1.9	105	20	75 - 125	
Copper	BSF1030	Duplicate	0907696-01	0.58036	ND		ug/L			20		
		Matrix Spike	0907696-01	0.58036	401.71	408.16	ug/L		98.3		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.58036	403.40	408.16	ug/L	0.4	98.7	20	75 - 125	

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Reported: 06/29/2009 9:27

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Lead	BSF1030	Duplicate	0907696-01	0.30579	ND		ug/L			20		
		Matrix Spike	0907696-01	0.30579	414.64	408.16	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.30579	423.10	408.16	ug/L	1.9	104	20	75 - 125	
Manganese	BSF1030	Duplicate	0907696-01	0.23853	ND		ug/L			20		
		Matrix Spike	0907696-01	0.23853	513.59	510.20	ug/L		101		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.23853	530.95	510.20	ug/L	2.9	104	20	75 - 125	
Molybdenum	BSF1030	Duplicate	0907696-01	29.474	ND		ug/L			20		
		Matrix Spike	0907696-01	29.474	235.28	204.08	ug/L		101		75 - 125	
		Matrix Spike Duplicate	0907696-01	29.474	242.58	204.08	ug/L	2.9	104	20	75 - 125	
Nickel	BSF1030	Duplicate	0907696-01	-0.22507	ND		ug/L			20		
		Matrix Spike	0907696-01	-0.22507	419.75	408.16	ug/L		103		75 - 125	
		Matrix Spike Duplicate	0907696-01	-0.22507	430.16	408.16	ug/L	1.9	105	20	75 - 125	
Selenium	BSF1030	Duplicate	0907696-01	17.511	ND		ug/L			20		
		Matrix Spike	0907696-01	17.511	229.90	204.08	ug/L		104		75 - 125	
		Matrix Spike Duplicate	0907696-01	17.511	224.59	204.08	ug/L	2.9	101	20	75 - 125	
Silver	BSF1030	Duplicate	0907696-01	0.53705	ND		ug/L			20		
		Matrix Spike	0907696-01	0.53705	97.010	102.04	ug/L		94.5		75 - 125	
		Matrix Spike Duplicate	0907696-01	0.53705	96.111	102.04	ug/L	0.9	93.7	20	75 - 125	
Thallium	BSF1030	Duplicate	0907696-01	1.0810	ND		ug/L			20		
		Matrix Spike	0907696-01	1.0810	408.82	408.16	ug/L		99.9		75 - 125	
		Matrix Spike Duplicate	0907696-01	1.0810	415.76	408.16	ug/L	2.1	102	20	75 - 125	
Vanadium	BSF1030	Duplicate	0907696-01	108.84	110.60		ug/L	1.6		20		
		Matrix Spike	0907696-01	108.84	314.20	204.08	ug/L		101		75 - 125	
		Matrix Spike Duplicate	0907696-01	108.84	314.69	204.08	ug/L	0	101	20	75 - 125	
Zinc	BSF1030	Duplicate	0907696-01	31.062	28.971		ug/L	7.0		20		
		Matrix Spike	0907696-01	31.062	585.14	510.20	ug/L		109		75 - 125	
		Matrix Spike Duplicate	0907696-01	31.062	583.36	510.20	ug/L	0.9	108	20	75 - 125	

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Project: 4186
Project Number: 4511030521
Project Manager: Anju Farfan

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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Total Antimony	BSF1292	Duplicate	0907707-01	2.5453	ND		ug/L			20		
		Matrix Spike	0907707-01	2.5453	402.90	400.00	ug/L		100		75 - 125	
		Matrix Spike Duplicate	0907707-01	2.5453	413.97	400.00	ug/L	3.0	103	20	75 - 125	
Total Arsenic	BSF1292	Duplicate	0907707-01	7.1952	ND		ug/L			20		
		Matrix Spike	0907707-01	7.1952	210.93	200.00	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907707-01	7.1952	213.77	200.00	ug/L	1.0	103	20	75 - 125	
Total Barium	BSF1292	Duplicate	0907707-01	399.72	380.87		ug/L	4.8		20		
		Matrix Spike	0907707-01	399.72	797.05	400.00	ug/L		99.3		75 - 125	
		Matrix Spike Duplicate	0907707-01	399.72	839.71	400.00	ug/L	10.2	110	20	75 - 125	
Total Beryllium	BSF1292	Duplicate	0907707-01	0.054489	ND		ug/L			20		
		Matrix Spike	0907707-01	0.054489	212.63	200.00	ug/L		106		75 - 125	
		Matrix Spike Duplicate	0907707-01	0.054489	216.87	200.00	ug/L	1.9	108	20	75 - 125	
Total Cadmium	BSF1292	Duplicate	0907707-01	-0.14491	ND		ug/L			20		
		Matrix Spike	0907707-01	-0.14491	204.05	200.00	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907707-01	-0.14491	207.86	200.00	ug/L	1.9	104	20	75 - 125	
Total Chromium	BSF1292	Duplicate	0907707-01	20.588	20.343		ug/L	1.2		20		
		Matrix Spike	0907707-01	20.588	234.18	200.00	ug/L		107		75 - 125	
		Matrix Spike Duplicate	0907707-01	20.588	241.42	200.00	ug/L	2.8	110	20	75 - 125	
Total Cobalt	BSF1292	Duplicate	0907707-01	5.3815	ND		ug/L			20		
		Matrix Spike	0907707-01	5.3815	210.44	200.00	ug/L		103		75 - 125	
		Matrix Spike Duplicate	0907707-01	5.3815	214.02	200.00	ug/L	1.0	104	20	75 - 125	
Total Copper	BSF1292	Duplicate	0907707-01	9.1226	ND		ug/L			20		
		Matrix Spike	0907707-01	9.1226	417.87	400.00	ug/L		102		75 - 125	
		Matrix Spike Duplicate	0907707-01	9.1226	427.04	400.00	ug/L	1.9	104	20	75 - 125	
Total Lead	BSF1292	Duplicate	0907707-01	7.2674	ND		ug/L			20		
		Matrix Spike	0907707-01	7.2674	435.90	400.00	ug/L		107		75 - 125	
		Matrix Spike Duplicate	0907707-01	7.2674	444.36	400.00	ug/L	1.9	109	20	75 - 125	

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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Total Molybdenum	BSF1292	Duplicate	0907707-01	2.7184	ND		ug/L			20		
		Matrix Spike	0907707-01	2.7184	217.36	200.00	ug/L		107		75 - 125	
		Matrix Spike Duplicate	0907707-01	2.7184	221.75	200.00	ug/L	2.8	110	20	75 - 125	
Total Nickel	BSF1292	Duplicate	0907707-01	61.719	60.033		ug/L	2.8		20		
		Matrix Spike	0907707-01	61.719	477.54	400.00	ug/L		104		75 - 125	
		Matrix Spike Duplicate	0907707-01	61.719	489.76	400.00	ug/L	2.8	107	20	75 - 125	
Total Selenium	BSF1292	Duplicate	0907707-01	2.4324	ND		ug/L			20		
		Matrix Spike	0907707-01	2.4324	202.13	200.00	ug/L		99.8		75 - 125	
		Matrix Spike Duplicate	0907707-01	2.4324	211.01	200.00	ug/L	4.1	104	20	75 - 125	
Total Silver	BSF1292	Duplicate	0907707-01	0.13721	ND		ug/L			20		
		Matrix Spike	0907707-01	0.13721	103.15	100.00	ug/L		103		75 - 125	
		Matrix Spike Duplicate	0907707-01	0.13721	105.16	100.00	ug/L	1.9	105	20	75 - 125	
Total Thallium	BSF1292	Duplicate	0907707-01	-1.8499	ND		ug/L			20		
		Matrix Spike	0907707-01	-1.8499	422.16	400.00	ug/L		106		75 - 125	
		Matrix Spike Duplicate	0907707-01	-1.8499	428.16	400.00	ug/L	0.9	107	20	75 - 125	
Total Vanadium	BSF1292	Duplicate	0907707-01	8.4742	ND		ug/L			20		
		Matrix Spike	0907707-01	8.4742	223.33	200.00	ug/L		107		75 - 125	
		Matrix Spike Duplicate	0907707-01	8.4742	228.35	200.00	ug/L	2.8	110	20	75 - 125	
Total Zinc	BSF1292	Duplicate	0907707-01	36.771	ND		ug/L			20		
		Matrix Spike	0907707-01	36.771	540.34	500.00	ug/L		101		75 - 125	
		Matrix Spike Duplicate	0907707-01	36.771	553.57	500.00	ug/L	2.0	103	20	75 - 125	
Mercury	BSF1538	Duplicate	0908006-01	0.042500	ND		ug/L			20		A02
		Matrix Spike	0908006-01	0.042500	1.0450	1.0000	ug/L		100		70 - 130	
		Matrix Spike Duplicate	0908006-01	0.042500	1.0450	1.0000	ug/L	0	100	20	70 - 130	
Total Mercury	BSF1538	Duplicate	0908006-01	0.042500	ND		ug/L			20		A02
		Matrix Spike	0908006-01	0.042500	1.0450	1.0000	ug/L		100		70 - 130	
		Matrix Spike Duplicate	0908006-01	0.042500	1.0450	1.0000	ug/L	0	100	20	70 - 130	

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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Mercury	BSF1661	Duplicate	0907729-01	0.022500	ND		ug/L			20		
		Matrix Spike	0907729-01	0.022500	0.97500	1.0000	ug/L		95.2		70 - 130	
		Matrix Spike Duplicate	0907729-01	0.022500	0.98000	1.0000	ug/L	0.6	95.8	20	70 - 130	

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BSF1284	BSF1284-BS1	LCS	23.800	25.000	0.50	ug/L	95.2		70 - 130		
Toluene	BSF1284	BSF1284-BS1	LCS	23.250	25.000	0.50	ug/L	93.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSF1284	BSF1284-BS1	LCS	9.8500	10.000		ug/L	98.5		76 - 114		
Toluene-d8 (Surrogate)	BSF1284	BSF1284-BS1	LCS	9.7700	10.000		ug/L	97.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSF1284	BSF1284-BS1	LCS	10.040	10.000		ug/L	100		86 - 115		

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Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Chloride	BSF0979	BSF0979-BS1	LCS	109.80	100.00	0.50	mg/L	110		90 - 110		
Fluoride	BSF0979	BSF0979-BS1	LCS	1.0020	1.0000	0.050	mg/L	100		90 - 110		
Nitrate as NO3	BSF0979	BSF0979-BS1	LCS	23.365	22.134	0.44	mg/L	106		90 - 110		
Sulfate	BSF0979	BSF0979-BS1	LCS	107.35	100.00	1.0	mg/L	107		90 - 110		
Calcium	BSF1030	BSF1030-BS1	LCS	10.362	10.000	0.10	mg/L	104		85 - 115		
Magnesium	BSF1030	BSF1030-BS1	LCS	10.835	10.000	0.050	mg/L	108		85 - 115		
Sodium	BSF1030	BSF1030-BS1	LCS	10.607	10.000	0.50	mg/L	106		85 - 115		
Potassium	BSF1030	BSF1030-BS1	LCS	9.9780	10.000	1.0	mg/L	99.8		85 - 115		
Total Dissolved Solids @ 180 C	BSF1459	BSF1459-BS1	LCS	575.00	586.00	50	mg/L	98.1		90 - 110		

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Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Hexavalent Chromium	BSF0971	BSF0971-BS1	LCS	51.337	50.000	2.0	ug/L	103		85 - 115		
Antimony	BSF1030	BSF1030-BS1	LCS	390.36	400.00	100	ug/L	97.6		85 - 115		
Arsenic	BSF1030	BSF1030-BS1	LCS	195.45	200.00	50	ug/L	97.7		85 - 115		
Barium	BSF1030	BSF1030-BS1	LCS	424.05	400.00	10	ug/L	106		85 - 115		
Beryllium	BSF1030	BSF1030-BS1	LCS	212.00	200.00	10	ug/L	106		85 - 115		
Cadmium	BSF1030	BSF1030-BS1	LCS	202.19	200.00	10	ug/L	101		85 - 115		
Chromium	BSF1030	BSF1030-BS1	LCS	210.13	200.00	10	ug/L	105		85 - 115		
Cobalt	BSF1030	BSF1030-BS1	LCS	211.55	200.00	50	ug/L	106		85 - 115		
Copper	BSF1030	BSF1030-BS1	LCS	395.87	400.00	10	ug/L	99.0		85 - 115		
Lead	BSF1030	BSF1030-BS1	LCS	425.77	400.00	50	ug/L	106		85 - 115		
Manganese	BSF1030	BSF1030-BS1	LCS	533.99	500.00	10	ug/L	107		85 - 115		
Molybdenum	BSF1030	BSF1030-BS1	LCS	213.60	200.00	50	ug/L	107		85 - 115		
Nickel	BSF1030	BSF1030-BS1	LCS	425.69	400.00	10	ug/L	106		85 - 115		
Selenium	BSF1030	BSF1030-BS1	LCS	193.10	200.00	100	ug/L	96.6		85 - 115		
Silver	BSF1030	BSF1030-BS1	LCS	101.64	100.00	10	ug/L	102		85 - 115		
Thallium	BSF1030	BSF1030-BS1	LCS	420.68	400.00	100	ug/L	105		85 - 115		
Vanadium	BSF1030	BSF1030-BS1	LCS	208.56	200.00	10	ug/L	104		85 - 115		
Zinc	BSF1030	BSF1030-BS1	LCS	532.63	500.00	10	ug/L	107		85 - 115		
Total Antimony	BSF1292	BSF1292-BS1	LCS	426.77	400.00	100	ug/L	107		85 - 115		
Total Arsenic	BSF1292	BSF1292-BS1	LCS	206.51	200.00	50	ug/L	103		85 - 115		
Total Barium	BSF1292	BSF1292-BS1	LCS	441.39	400.00	10	ug/L	110		85 - 115		
Total Beryllium	BSF1292	BSF1292-BS1	LCS	221.72	200.00	10	ug/L	111		85 - 115		
Total Cadmium	BSF1292	BSF1292-BS1	LCS	213.52	200.00	10	ug/L	107		85 - 115		

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Farfan	**Reported:** 06/29/2009 9:27

Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Total Chromium	BSF1292	BSF1292-BS1	LCS	221.68	200.00	10	ug/L	111		85 - 115		
Total Cobalt	BSF1292	BSF1292-BS1	LCS	225.84	200.00	50	ug/L	113		85 - 115		
Total Copper	BSF1292	BSF1292-BS1	LCS	421.05	400.00	10	ug/L	105		85 - 115		
Total Lead	BSF1292	BSF1292-BS1	LCS	460.66	400.00	50	ug/L	115		85 - 115		
Total Molybdenum	BSF1292	BSF1292-BS1	LCS	227.59	200.00	50	ug/L	114		85 - 115		
Total Nickel	BSF1292	BSF1292-BS1	LCS	454.92	400.00	10	ug/L	114		85 - 115		
Total Selenium	BSF1292	BSF1292-BS1	LCS	208.16	200.00	100	ug/L	104		85 - 115		
Total Silver	BSF1292	BSF1292-BS1	LCS	107.09	100.00	10	ug/L	107		85 - 115		
Total Thallium	BSF1292	BSF1292-BS1	LCS	455.63	400.00	100	ug/L	114		85 - 115		
Total Vanadium	BSF1292	BSF1292-BS1	LCS	218.72	200.00	10	ug/L	109		85 - 115		
Total Zinc	BSF1292	BSF1292-BS1	LCS	538.48	500.00	50	ug/L	108		85 - 115		
Mercury	BSF1538	BSF1538-BS1	LCS	0.99500	1.0000	0.20	ug/L	99.5		85 - 115		
Total Mercury	BSF1538	BSF1538-BS1	LCS	0.99500	1.0000	0.20	ug/L	99.5		85 - 115		
Mercury	BSF1661	BSF1661-BS1	LCS	1.0075	1.0000	0.20	ug/L	101		85 - 115		

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Fartan	**Reported:** 06/29/2009 9:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Toluene	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Total Xylenes	BSF1284	BSF1284-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSF1284	BSF1284-BLK1	ND	ug/L	10		
Diisopropyl ether	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Ethanol	BSF1284	BSF1284-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSF1284	BSF1284-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSF1284	BSF1284-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSF1284	BSF1284-BLK1	107	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSF1284	BSF1284-BLK1	96.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSF1284	BSF1284-BLK1	100	%	86 - 115 (LCL - UCL)		

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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Chloride	BSF0979	BSF0979-BLK1	ND	mg/L	0.50		
Fluoride	BSF0979	BSF0979-BLK1	ND	mg/L	0.050		
Nitrate as NO3	BSF0979	BSF0979-BLK1	ND	mg/L	0.44		
Sulfate	BSF0979	BSF0979-BLK1	ND	mg/L	1.0		
Calcium	BSF1030	BSF1030-BLK1	ND	mg/L	0.10		
Magnesium	BSF1030	BSF1030-BLK1	ND	mg/L	0.050		
Sodium	BSF1030	BSF1030-BLK1	ND	mg/L	0.50		
Potassium	BSF1030	BSF1030-BLK1	ND	mg/L	1.0		
Total Dissolved Solids @ 180 C	BSF1459	BSF1459-BLK1	ND	mg/L	6.7		

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Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Hexavalent Chromium	BSF0971	BSF0971-BLK1	ND	ug/L	2.0		
Antimony	BSF1030	BSF1030-BLK1	ND	ug/L	100		
Arsenic	BSF1030	BSF1030-BLK1	ND	ug/L	50		
Barium	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Beryllium	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Cadmium	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Chromium	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Cobalt	BSF1030	BSF1030-BLK1	ND	ug/L	50		
Copper	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Lead	BSF1030	BSF1030-BLK1	ND	ug/L	50		
Manganese	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Molybdenum	BSF1030	BSF1030-BLK1	ND	ug/L	50		
Nickel	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Selenium	BSF1030	BSF1030-BLK1	ND	ug/L	100		
Silver	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Thallium	BSF1030	BSF1030-BLK1	ND	ug/L	100		
Vanadium	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Zinc	BSF1030	BSF1030-BLK1	ND	ug/L	10		
Total Antimony	BSF1292	BSF1292-BLK1	ND	ug/L	100		
Total Arsenic	BSF1292	BSF1292-BLK1	ND	ug/L	50		
Total Barium	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Beryllium	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Cadmium	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Chromium	BSF1292	BSF1292-BLK1	ND	ug/L	10		

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Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Cobalt	BSF1292	BSF1292-BLK1	ND	ug/L	50		
Total Copper	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Lead	BSF1292	BSF1292-BLK1	ND	ug/L	50		
Total Molybdenum	BSF1292	BSF1292-BLK1	ND	ug/L	50		
Total Nickel	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Selenium	BSF1292	BSF1292-BLK1	ND	ug/L	100		
Total Silver	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Thallium	BSF1292	BSF1292-BLK1	ND	ug/L	100		
Total Vanadium	BSF1292	BSF1292-BLK1	ND	ug/L	10		
Total Zinc	BSF1292	BSF1292-BLK1	ND	ug/L	50		
Mercury	BSF1538	BSF1538-BLK1	ND	ug/L	0.20		
Total Mercury	BSF1538	BSF1538-BLK1	ND	ug/L	0.20		
Mercury	BSF1661	BSF1661-BLK1	ND	ug/L	0.20		

TRC 21 Technology Drive Irvine, CA 92618	Project: 4186 Project Number: 4511030521 Project Manager: Anju Farfan	**Reported:** 06/29/2009 9:27

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.
A02	The difference between duplicate readings is less than the PQL.
A03	The sample concentration is more than 4 times the spike level.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

BC LABORATORIES INC. SAMPLE RECEIPT FORM Page 1 of 1

Submission #: 0907707

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: .98 Container: Qt Pe Thermometer ID: TH163

Temperature: A 1.1 °C / C 0.5 °C

2130 Date/Time 06/11/09

Analyst Init AM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	C		C	C	C	C	C			
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS	B			B	B	B	B			
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	A3	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: JOM Date/Time: 06/11/09 2200

A = Actual / C = Corrected

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

SHORT HOLDING TIME
Cr+6 NO2 NO3 OP SS
DO Cl2 BOD MBAS COT

CHRISTY DISTRIBUTION
SUB-OUT

BC LABORATORIES, INC.
4100 Atlas Court Bakersfield, CA 93308
(661) 327-4911 FAX (661) 327-1918

CHAIN OF CUSTODY

09-7707

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 1771 First St	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Livermore	**4-digit site#:** 4186
	Workorder # 01237-45110305 21
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Ricky H.

MATRIX: (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	~~TPH Gas by 8015~~ total CAM 17 metals	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS/EDB/EDC by 8260B	Hexavalent Chromium, TDS, Chloride, Sulfate, Nitrate, Fluoride	Dissolved CAM 17 metals (Ca, Na, Mg, K, Mn)		Turnaround Time Requested
-1		U-12	06/11/09 0930	GW		X			X	X	X	X	X		STD
-2		U-11	1010												
-3		U-10	1020									X	X		
-4		U-14	1100			X						X	X		
-5		U-13	1145			X						X	X		
-6		U-7	1045			X						X	X		
-7		U-15	1220			X						X	X		

Comments:

GLOBAL ID: T0600101777

Relinquished by: (Signature)	Received by:	Date & Time 6/11/09 1340
Relinquished by: (Signature) 12:30 Richey 6/11/09	Received by:	Date & Time 6-11-09 1645
Relinquished by: (Signature) 6-11-09 2120	Received by:	Date & Time 6/11/09 2125

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by others.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.