ConocoPhillips
76 Broadway
Sacramento, California 95818

RECEIVED

8:33 am, Jun 15, 2011
Alameda County
Environmental Health

June 10, 2011

Alameda County Health Agency – Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Attention: Ms. Barbara Jakub

Re: **Second Quarter 2011 - Quarterly Groundwater Monitoring Report**
76 Service Station #0843
1629 Webster Street
Alameda, CA

Dear Ms. Jakub:

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

If you have any questions or need additional information, please contact me at (916) 558-7612.

Sincerely,

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

QUARTLERY SUMMARY REPORT
Second Quarter 2011

76 Service Station No. 0843 (2349)
1629 Webster St
Alameda, CA

Antea Group Project No. C1Q2349010

June 10, 2011

Prepared for:
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Prepared by:
Antea™Group
11050 White Rock Road
Suite 110
Rancho Cordova, CA
95670

Inogen Environmental Alliance

Antea USA, Inc.

Antea Group
11050 White Rock Road, Suite 110
Rancho Cordova, California 95670
www.anteagroup.com

June 10, 2011

Ms. Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: QUARTERLY SUMMARY REPORT
Second Quarter 2011
Former 76 Service No. 0843 (2349)
1629 Webster Street
Alameda, CA
AOC 2807
RO# 0450

Dear Ms. Jakub:

Due to global rebranding, as of January 5, 2011 Delta Consultants has become Antea Group. Any work performed or reports submitted prior to this date will still be referenced using the Delta Name.

On behalf of ConocoPhillips Company (COP), Antea Group is submitting the *Quarterly Summary Report – Second Quarter 2011*, and forwarding a copy of TRC Solutions, Inc. (TRC's) quarterly *Groundwater Monitoring Report – April through June 2011,* dated May 25, 2011 for the above referenced location:

Sincerely,
Antea Group

James B. Barnard

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

cc: Mr. Bill Borgh, ConocoPhillips (electronic copy)

Inogen

QUARTERLY SUMMARY REPORT
SECOND QUARTER 2011
76 Service Station No. 0843
1629 Webster Street
Alameda, Alameda County, California

1.0 SITE BACKGROUND

1.1 PREVIOUS ASSESSMENT

June 1998 - Tosco Marketing Company (Tosco, now ConocoPhillips) exhumed and removed two 10,000-gallon gasoline underground storage tanks (USTs), one 550-gallon used oil UST, product lines, and fuel dispensers. Two holes approximately ¾-inch in diameter were observed in the used oil tank during removal. Approximately 338 tons of hydrocarbon impacted soil and backfill were removed from beneath the former USTs, fuel dispensers, and product lines during the UST removal activities.

March 1999 – Four soil borings (B1 through B4) were advanced at the site and converted to monitor wells MW-1 through MW-4. Groundwater was encountered from 8 to 15 feet below ground surface (bgs). Static groundwater was observed at depths ranging from 4 and 6 feet bgs subsequent to well installation.

December 1999 – Two off-site soil borings (B5 and B6) were advanced and subsequently converted to monitor wells MW-5 and MW-6. Groundwater was initially present at approximately 10 feet bgs. Static groundwater was observed at a depth of approximately 7 feet bgs subsequent to well installation.

March 2001 - An underground utility survey was conducted to identify and locate underground utilities beneath and in the vicinity of the site that could provide potential preferential pathways for groundwater flow.

May 2001 - Five direct-push soil borings (GP-1 through GP-5) were advanced to evaluate whether underground utilities in the vicinity of the site are providing preferential pathways for groundwater flow and the migration of dissolved phase hydrocarbons. The results of the investigation indicated insufficient evidence that underground utility lines were providing preferential pathways for the off-site migration of dissolved phase hydrocarbons.

December 2001 - Twelve direct-push soil borings (GP-6 through GP-17) were advanced to further assess the extent of residual hydrocarbons in the vadose zone beneath the site. The results of the investigation indicated that the extent of the residual hydrocarbon impact reported in the previous investigations was limited.

December 2002 - One on-site monitoring well (MW-2) was destroyed during remedial excavation of hydrocarbon-impacted soil. Prior to destruction, monitoring well MW-2 was located near the former eastern dispenser island. During the remedial excavation, monitoring well MW-2 was replaced with on-site backfill monitoring well MW-2A. Approximately 292 tons of hydrocarbon-impacted soil was removed from beneath the former eastern dispenser island.

September 2003 - A *Request and Work Plan for Closure* prepared by ERI was submitted to the Alameda County Health Care Services Agency (ACHCSA), dated September 10, 2003. The report summarized why no further action is needed for the site; the report also included plans to destroy the existing wells upon regulatory acceptance for no further action. Closure was not granted.

June 2004 – A work plan was submitted for the installation of two additional monitor wells down-gradient of MW-5.

May 2005 – A work plan titled *Work Plan Addendum – Site Assessment Activity* dated May 17, 2005 was prepared by ATC Associates Inc. (ATC) for the installation of two off-site monitor wells.

September 2005 – A work plan was prepared by ATC titled *Work Plan Subsurface Investigation*, for the installation of one on-site monitor well.

September 2005 – Site environmental consulting responsibilities were transferred to Delta.

January 2007 - Delta submitted a work plan to the ACHCSA recommending the advancement of one soil boring and the installation of three ozone injection wells at the site.

August 2008 - Gregg Drilling under the supervision of a Delta field geologist advanced one soil boring to a depth of 55 feet bgs. The details of this investigation are described in the *Site Investigation Report* dated October 29, 2008.

In May 2009, as proposed in Delta's Work Plan *Site Investigation and Well Installations,* dated March 16, 2009, a total of seven groundwater monitoring wells (MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, MW-11) and one injection point well (TSP-1) were installed at the site. One onsite monitoring well (MW-2A) was also abandoned. Results of this investigation are presented in the *Site Investigation and Well Installation Report*, dated July 9, 2009.

During a four week period from August 10, 2009 to September 4, 2009, Integral, with oversight by Delta, performed a daily ozone injection feasibility test. The feasibility testing included the continuous injection of ozone into test point TSP-1 for eight hours per day at a rate of 0.45 lbs of ozone per day. Depth to water, DO, and ORP were monitored and recorded before, during, and after the injection in surrounding on-site monitoring wells MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, and MW-11. Additionally, operating flow rates in cubic feet per minute (cfm) and operating pressure in pounds per square inch (psi) were monitored and recorded on the mobile injection unit. Results of this pilot test are presented in the *Ozone Feasibility Test Report*, dated September 28, 2009.

1.2 SENSITIVE RECEPTORS

June/July 2002 - A groundwater receptor survey was conducted. Three irrigation wells were located within a one-half mile radius of the site. The wells are located approximately 1,980 feet west and 2,245 feet southwest of the site, cross-gradient and up-gradient of the site.

November 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 15 potential receptors within one mile of the site; one domestic well located 0.5 mile southwest of the site; one domestic/irrigation well located 0.7 mile southeast of the site; 11 irrigation wells with three located 0.1 mile northwest, west, and southeast of the site; and two industrial wells located 0.3 miles southwest and 0.9 mile northeast of the site.

2.0 GROUNDWATER MONITORING AND SAMPLING

The current groundwater monitoring network at this site consists of two offsite wells (MW-5 and MW-6), and ten onsite wells (MW-1, MW-1AR, MW-1BR, MW-3, MW-4, MW-7, MW-8, MW-9, MW-10, and MW-11). Currently, all wells are monitored quarterly, and wells MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, and MW-11 are sampled quarterly while wells MW-1, MW-3, MW-4, MW-5, and MW-6 are sampled semi-annually during first and third quarters.

Collected groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethyl benzene, and total xylenes (BTEX), and 8 fuel oxygenates [methyl tert butyl ether (MTBE), tert butyl alcohol (TBA), ethylene dibromide (EDB), 1,2 dichloroethane (1,2-DCA), diisopropyl ether (DIPE), ethyl tert butyl ether (ETBE), tert amyl methyl ether (TAME), and ethanol] by EPA method 8260B. Samples from wells MW-1, MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, and MW-11 were additionally analyzed for biodegradation parameters including total organic carbon, hexavalent chromium (chrome IV), chromium (total and dissolved), ferrous iron, manganese (total and dissolved), vanadium (total and dissolved), nitrate, sulfate, dissolved oxygen (DO) (pre-purge, post-purge, and lab), oxygen reducing potential (ORP) (pre-purge, post-purge, and lab), and specific conductivity.

2.1 SECOND QUARTER 2011 MONITORING AND SAMPLING

During the most recent groundwater monitoring and sampling event conducted by TRC on April 25 and 26, 2011, all twelve wells were monitored and sampled. Depth to groundwater ranged from 4.98 feet below top of casing (TOC) in MW-4, to 6.65 feet below TOC in MW-8. Average groundwater elevation was 12.55 feet above mean sea level, an increase of 0.62 feet from the previous sampling event (2/14/11). The groundwater gradient and flow direction were interpreted to be 0.008 feet per foot (ft/ft) to the northeast. This is inconsistent with a gradient and flow direction of 0.005 ft/ft to the northwest during the previous sampling event. However, this is consistent with historical groundwater flow direction trends which are predominantly north and northeast, and to a much lesser extent, to the north-northeast and northwest. A historical groundwater flow direction rose diagram is included as **Attachment A**.

2.1.1 Constituents of Concern:

- **TPHg:** TPHg was above laboratory indicated reporting limits in groundwater samples collected from six of the twelve wells sampled with a maximum concentration of 6,000 micrograms per liter (µg/L) in MW-7 during the current sampling event. This is a decrease from a maximum concentration of 7,900 µg/L in MW-7 during the previous sampling event (2/14/11). Wells MW-1, MW-1BR, MW-6, MW-8, and MW-11 were reported with concentrations of 270 µg/L, 68 µg/L, 110 µg/L, 3,700 µg/L, and 3,100 µg/L, respectively, during the current sampling event.

- **BTEX:** Benzene, toluene, ethylbenzene, and total xylenes were all below laboratory indicated reporting limits in groundwater samples collected from all of the twelve wells sampled during the current sampling event. This is consistent with the previous four sampling events.

- **MTBE:** MTBE was above laboratory indicated reporting limits in groundwater samples collected from ten of the twelve wells sampled with a maximum concentration of 9,900 µg/L in MW-7 during the current sampling event. This is a decrease from a maximum concentration of 13,000 µg/L in MW-7 during the previous sampling event. Wells MW-1, MW-1AR, MW-1BR, MW-3, MW-6, MW-8, MW-9, MW-10, and MW-11 were reported with concentrations of 410, µg/L, 27 µg/L, 66, µg/L, 1.0 µg/L, 130 µg/L, 6,000 µg/L, 30 µg/L, 2.2 µg/L, and 3,000 µg/L, respectively, during the current sampling event.

- **TBA:** TBA was above laboratory indicated reporting limits in groundwater sampled collected from one of the twelve wells sampled with a maximum concentration of 1,400 µg/L in MW-7 during the current sampling event. This is an increase from a maximum concentration of ND<1000 µg/L in MW-7.

- **Other Fuel Oxygenates:** EDB, 1,2-DCA, DIPE, ETBE, TAME, and Ethanol were all below laboratory indicated reporting limits in groundwater samples collected from all of the twelve wells sampled during the current sampling event. This is consistent with the previous four sampling events.

- **Biodegradation Parameters:** Sulfate levels ranged from 21 mg/L in MW-11 to 56 mg/L in MW-8, while nitrate levels ranged from 3.0 mg/L in MW-7 to 26 mg/L in MW-1BR. Pre-purge DO ranged from 0.73 mg/L in MW-1BR to 6.14 mg/L in MW-6, while pre-purge ORP ranged from 153 mV in MW-10 to 220 mV in MW-7. Chrome IV was above laboratory indicated reporting limits in five of the eight wells sampled with a maximum concentration of 12 µg/L in MW-10.

A copy of TRC's quarterly *Groundwater Monitoring Report – April through June 2011* is included as **Attachment B**.

3.0 REMEDIATION STATUS

Approximately 338 tons of hydrocarbon impacted soil and backfill were removed from beneath the former USTs, fuel dispensers, and product lines during the June 1998 UST removal activities. Approximately 292 tons of hydrocarbon-impacted soil was removed from beneath the former eastern island during the December 2002 excavation.

4.0 DISCUSSION

Based on the data obtained during the August 2008 site investigation, additional assessment was recommended in the vicinity between monitoring well MW-2A, and monitoring well MW-1, and in the northeast corner of the site along the intersection of Pacific and Webster streets. Analytical data from groundwater samples collected from the Shell service station located approximately 75 feet south (up-gradient) of the site indicate that TPPH and MTBE are present in the groundwater and it appears that MW-1 is showing petroleum hydrocarbon impact from the off-site migration of these constituents onto the site.

Additional site investigation ensued in May 2009, pursuant to the ACDPEH-Approved *Workplan for Additional Assessment,* prepared and submitted by Delta. Results of this investigation are presented in the *Site Investigation and Well Installation Report*, dated July 9, 2009.

Residual impact in soil appears to be localized around MW-7. As such, in January 2011, Antea Group advanced 5 shallow soil borings in the vicinity of MW-7 to assess remaining impact, and assess the potential need for localized excavation, and submitted their findings in *Additional Assessment Report*, dated February 28, 2011. It was determined that the soil impact is in fact localized in MW-7, and therefore, Antea did not recommend excavation in the area. Antea Group has submitted *Remedial Action Plan*, dated March 18, 2011, which proposes the installation of ozone sparge points and use of ozone/oxygen injection for remediation of the rest of the site.

5.0 RECENT CORRESPONDENCE

October 4, 2010: Letter from Alameda Health Care Services to COP regarding approval of Delta's *Corrective Action Plan*, dated April 7, 2010, and *Work Plan for Additional Assessment*, dated August 24, 2010.

April 6, 2011: Letter from Alameda Health Care Services to COP requesting additional information related to Antea Groups *Remedial Action Plan*, dated March 18, 2011.

6.0 SECOND QUARTER 2011 ACTIVITIES

- TRC performed the quarterly monitoring and sampling activities at the site on April 25 and 26, 2011, and prepared their results in *Groundwater Monitoring Report – April through June 2011*, dated May 25, 2011.

7.0 THIRD QUARTER 2011 PLANNED ACTIVITIES

- TRC will conduct quarterly groundwater monitoring and sampling activities at the site, and prepare their results in a quarterly groundwater monitoring report.

- Antea Group will prepare and submit the quarterly summary report.

- Antea Group has been in communication with ACEH regarding a contingency plan for the potential formation of hexavalent chromium associated with ozone injection. Antea Group will perform work outline in the *Remedial Action Plan*, dated March 18, 2011, in accordance with any provisions set forth by the regulatory agency once approval for the plan has been received.

8.0 LIMITATIONS

The descriptions, conclusions, and recommendations contained in this report represent Antea's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea, the data from those reports is used "as is" and is assumed to be accurate. Antea does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Antea's Client and anyone else specifically listed on this report. Antea will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this work plan or need and additional information about this Site, please do not hesitate to contact Jim Barnard at (916) 503-1279.

CONSULTANT: Antea Group

******

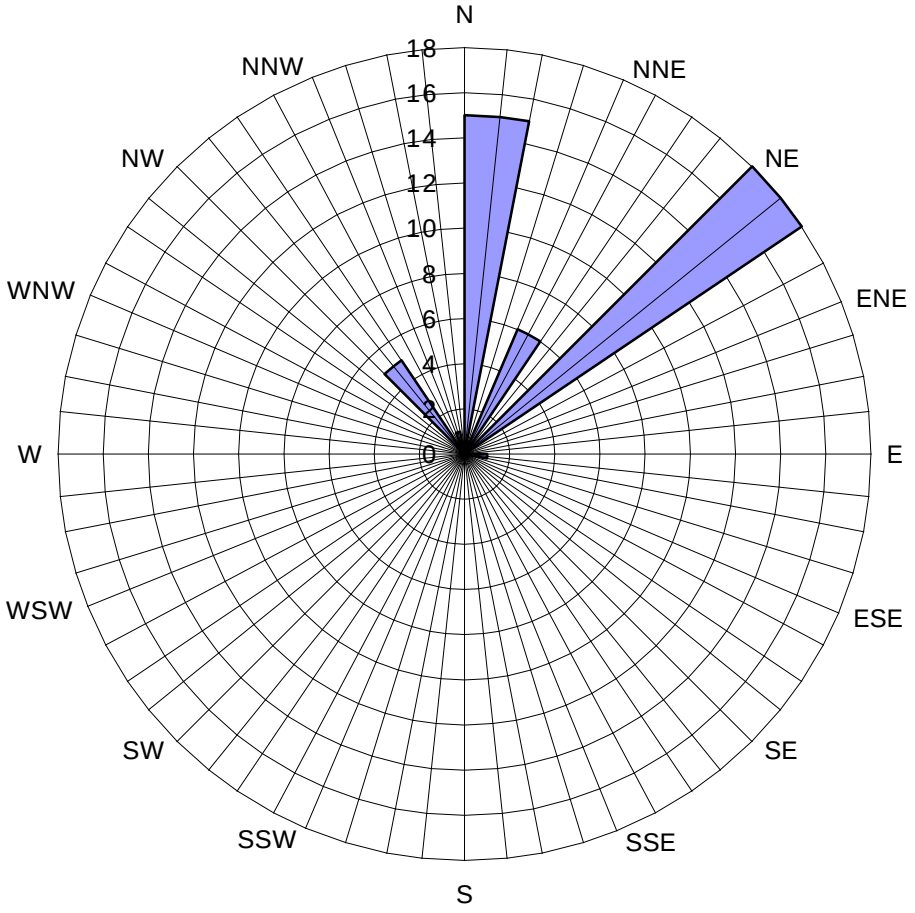
ATTACHMENTS

Attachment A – Historic Groundwater Flow Directions Rose Diagram
Attachment B – Groundwater Monitoring Report – April through June 2011

ATTACHMENT A

Historic Groundwater Flow Directions Rose Diagram

Historic Groundwater Flow Directions
ConocoPhillips Site No. 0843
1629 Webster Street
Alameda, California



Legend

Concentric circles represent quarterly monitoring events.
Second Quarter 1999 through Second
Quarter 2011.
46 data points shown.

ATTACHMENT B

Groundwater Monitoring Report – April through June 2011

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: May 25, 2011

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

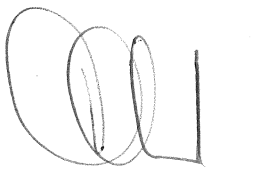
RE: GROUNDWATER MONITORING REPORT
APRIL THROUGH JUNE 2011

Dear Mr. Borgh,

Please find enclosed our Groundwater Monitoring Report for Former 76 Station 0843, located at 1629 Webster Street, Alameda, 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 (2 copies)

Enclosures
20-0400/0843R32.QMS

GROUNDWATER MONITORING REPORT
APRIL THROUGH JUNE 2011

FORMER 76 STATION 0843
1629 Webster Street
Alameda, California

Prepared For:

Mr. Bill Borgh
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations

Date: 5/24/11

PROFESSIONAL GEOLOGIST
DENNIS E. JENSEN
No. 3531
STATE OF CALIFORNIA

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 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
Coordinated Event Data	*Shell Service Station* (Not Provided This Quarter)
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map Figure 6: Dissolved-Phase TBA Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheets – 4/25/11 Groundwater Sampling Field Notes – 4/25/11 Field Monitoring Data Sheet – 4/26/11 Groundwater Sampling Field Notes – 4/26/11
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2011 through June 2011
Former 76 Station 0843
1629 Webster Street
Alameda, CA

Project Coordinator: **Bill Borgh** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7612** Compiled by: **Allan Ramirez**
Date(s) of Gauging/Sampling Event: **4/25/2011, 4/26/2011**

Sample Points

Groundwater wells: **10** onsite, **2** offsite Points gauged: **12** Points sampled: **12**
Purging method: **Submersible pump**
Purge water disposal: **Crosby and Overton treatment facility**
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: **4.98 feet** Maximum: **6.65 feet**
Average groundwater elevation (relative to available local datum): **12.55 feet**
Average change in groundwater elevation since previous event: **0.62 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.008 ft/ft, northeast**
Previous event: **0.005 ft/ft, northwest (2/14/2011)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **0** Sample Points above MCL (1.0 µg/l): **--**
Maximum reported benzene concentration: **--**

Sample Points with **TPH-G by GC/MS** **6** Maximum: **6,000 µg/l (MW-7)**
Sample Points with **MTBE 8260B** **10** Maximum: **9,900 µg/l (MW-7)**

Notes:

MW-1=Sampled on 4/26/2011, MW-3=Sampled on 4/26/2011, MW-4=Sampled on 4/26/2011, MW-5=Sampled on 4/26/2011, MW-6=Sampled on 4/26/2011

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
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

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
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)

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.
8. Prior to the 1st quarter 2010, the word "monitor" was used in table comments interchangeably with the word "gauge". Starting in the 1st quarter 2010, the word "monitor" is used to include both "gauge" and "sample".

REFERENCE

TRC began groundwater monitoring and sampling for Former 76 Station 0843 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: Former 76 Station 0843

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	Carbon (organic, total)	Chromium VI	Chromium (total)	Chromium (dissolved)	Iron Ferrous
Table 1b	Well/ Date	Manganese (dissolved)	Manganese (total)	Vanadium (total)	Vanadium (dissolved)	Nitrogen as Nitrate	Sulfate	Dissolved Oxygen (Lab)	Redox Potential (ORP-Lab)	Specific Con-ductance	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
Table 1c	Well/ Date	Post-purge ORP											

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)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Carbon (organic, total)	Chromium VI	Chromium (total)	Chromium (dissolved)
Table 2b	Well/ Date	Iron Ferrous	Manganese (dissolved)	Manganese (total)	Vanadium (total)	Vanadium (dissolved)	Nitrogen as Nitrate	Sulfate	Dissolved Oxygen (Lab)	Redox Potential (ORP-Lab)	Specific Con-ductance	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
Table 2c	Well/ Date	Pre-purge ORP	Post-purge ORP										

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

April 25, 2011

Former 76 Station 0843

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
MW-1			**(Screen Interval in feet: 4.5-20.5)**											
4/26/2011	19.13	5.92	0.00	13.21	0.86	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	410	Sampled on 4/26/2011
MW-1AR			**(Screen Interval in feet: 25-30)**											
4/25/2011	19.29	6.25	0.00	13.04	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
MW-1BR			**(Screen Interval in feet: 30-35)**											
4/25/2011	19.13	6.32	0.00	12.81	0.64	--	68	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	66	
MW-3			**(Screen Interval in feet: 5.0-20.0)**											
4/26/2011	18.05	5.28	0.00	12.77	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	Sampled on 4/26/2011
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
4/26/2011	18.14	4.98	0.00	13.16	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled on 4/26/2011
MW-5			**(Screen Interval in feet: 5-20)**											
4/26/2011	16.45	5.08	0.00	11.37	0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled on 4/26/2011
MW-6			**(Screen Interval in feet: 5-20)**											
4/26/2011	16.97	5.02	0.00	11.95	0.61	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	Sampled on 4/26/2011
MW-7			**(Screen Interval in feet: 25-30)**											
4/25/2011	17.81	5.62	0.00	12.19	0.71	--	6000	ND<10	ND<10	ND<10	ND<20	--	9900	
MW-8			**(Screen Interval in feet: 25-30)**											
4/25/2011	18.13	6.65	0.00	11.48	-0.43	--	3700	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6000	
MW-9			**(Screen Interval in feet: 20-25)**											
4/25/2011	18.75	6.01	0.00	12.74	0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	
MW-10			**(Screen Interval in feet: 25-30)**											
4/25/2011	18.84	5.90	0.00	12.94	0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
MW-11			**(Screen Interval in feet: 25-30)**											
4/25/2011	18.72	5.81	0.00	12.91	0.71	--	3100	ND<25	ND<25	ND<25	ND<50	--	3000	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0843

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)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)	Iron Ferrous (µg/l)
MW-1												
4/26/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	110	ND<10	ND<500
MW-1AR												
4/25/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	2.0	14	ND<10	ND<500
MW-1BR												
4/25/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.5	2.5	16	ND<10	ND<100
MW-3												
4/26/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-4												
4/26/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-5												
4/26/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	120	ND<10	--
MW-6												
4/26/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	98	ND<10	--
MW-7												
4/25/2011	1400	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	5.4	ND<2.0	12	ND<10	1100
MW-8												
4/25/2011	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3.2	ND<2.0	14	ND<10	160
MW-9												
4/25/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	6.5	54	ND<10	ND<500
MW-10												
4/25/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	12	20	12	ND<100
MW-11												
4/25/2011	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	3.1	ND<2.0	12	ND<10	100

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-1												
4/26/2011	2.6	650	55	ND<3.0	22	29	8.5	280.3	508	3.17	5.82	184
MW-1AR												
4/25/2011	100	270	9.8	ND<3.0	23	31	8.0	294.1	470	0.90	1.24	217
MW-1BR												
4/25/2011	85	150	9.8	ND<3.0	26	26	8.7	370.9	485	1.40	0.73	203
MW-3												
4/26/2011	--	--	--	--	--	--	6.1	289.0	621	1.37	2.60	219
MW-4												
4/26/2011	--	--	--	--	--	--	8.8	284.0	683	5.69	5.81	213
MW-5												
4/26/2011	--	--	--	--	--	--	8.6	317.6	632	3.13	5.65	198
MW-6												
4/26/2011	--	--	--	--	--	--	7.7	324.7	531	3.03	6.14	206
MW-7												
4/25/2011	960	1100	12	ND<3.0	3.0	40	8.8	101.0	692	1.99	1.53	220
MW-8												
4/25/2011	780	1200	14	ND<3.0	5.6	56	8.2	250.5	685	1.27	2.90	215
MW-9												
4/25/2011	11	770	24	ND<3.0	12	34	6.9	316.3	678	2.74	4.16	191
MW-10												
4/25/2011	8.2	120	5.8	ND<3.0	18	30	8.0	344.9	549	1.23	1.14	153
MW-11												
4/25/2011	370	1000	8.7	ND<3.0	6.4	21	7.6	542.7	749	1.57	1.88	213

Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Post-purge ORP (mV)
MW-1	
4/26/2011	197
MW-1AR	
4/25/2011	215
MW-1BR	
4/25/2011	200
MW-3	
4/26/2011	218
MW-4	
4/26/2011	201
MW-5	
4/26/2011	208
MW-6	
4/26/2011	213
MW-7	
4/25/2011	219
MW-8	
4/25/2011	214
MW-9	
4/25/2011	196
MW-10	
4/25/2011	156
MW-11	
4/25/2011	217

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through April 2011

Former 76 Station 0843

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
MW-1			**(Screen Interval in feet: 4.5-20.5)**											
3/5/1999	16.18	--	--	--	--	86.6	--	ND	2.04	ND	4.06	--	23.9	
6/3/1999	16.18	6.24	0.00	9.94	--	ND	--	ND	ND	ND	ND	ND	ND	
9/2/1999	16.18	7.19	0.00	8.99	-0.95	ND	--	ND	ND	ND	ND	ND	ND	
12/14/1999	16.18	8.07	0.00	8.11	-0.88	ND	--	ND	ND	ND	ND	ND	--	
3/14/2000	16.18	5.47	0.00	10.71	2.60	ND	--	ND	ND	ND	ND	ND	--	
5/31/2000	16.18	6.22	0.00	9.96	-0.75	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	16.18	6.82	0.00	9.36	-0.60	ND	--	ND	ND	ND	ND	ND	--	
12/1/2000	16.18	7.54	0.00	8.64	-0.72	ND	--	ND	ND	ND	ND	ND	--	
3/17/2001	16.18	5.73	0.00	10.45	1.81	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	16.18	6.43	0.00	9.75	-0.70	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	16.18	7.12	0.00	9.06	-0.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	16.18	6.89	0.00	9.29	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
3/11/2002	16.18	5.61	0.00	10.57	1.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	16.18	5.71	0.00	10.47	-0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
9/3/2002	16.18	--	--	--	--	--	--	--	--	--	--	--	--	Not monitored/sampled
12/12/2002	16.18	7.80	0.00	8.38	--	--	--	--	--	--	--	--	--	No longer sampled
3/13/2003	16.18	5.94	0.00	10.24	1.86	--	--	--	--	--	--	--	--	
6/12/2003	16.18	6.10	0.00	10.08	-0.16	--	--	--	--	--	--	--	--	
9/12/2003	16.18	6.65	0.00	9.53	-0.55	--	--	--	--	--	--	--	--	
12/31/2003	16.18	5.74	0.00	10.44	0.91	--	--	--	--	--	--	--	--	Monitored only
2/12/2004	16.18	6.02	0.00	10.16	-0.28	--	--	--	--	--	--	--	--	Monitored only
6/7/2004	16.18	6.61	0.00	9.57	-0.59	--	--	--	--	--	--	--	--	Monitored only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-1 continued														
9/17/2004	16.18	7.58	0.00	8.60	-0.97	--	--	--	--	--	--	--	--	Sampled Q1 only
12/11/2004	16.18	6.49	0.00	9.69	1.09	--	--	--	--	--	--	--	--	Sampled Q1 only
3/15/2005	16.18	5.28	0.00	10.90	1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
5/17/2005	16.18	5.83	0.00	10.35	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 only
7/27/2005	16.18	6.52	0.00	9.66	-0.69	--	--	--	--	--	--	--	--	Sampled Q1 only
11/23/2005	16.18	7.28	0.00	8.90	-0.76	--	--	--	--	--	--	--	--	Sampled Q1 only
2/24/2006	16.18	6.60	0.00	9.58	0.68	--	910	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5100	
5/30/2006	16.18	6.48	0.00	9.70	0.12	--	--	--	--	--	--	--	--	Sampled Q1 only
8/30/2006	16.18	9.51	0.00	6.67	-3.03	--	--	--	--	--	--	--	--	Sampled Q1 only
11/22/2006	16.18	7.05	0.00	9.13	2.46	--	220	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	420	
2/23/2007	16.18	6.40	0.00	9.78	0.65	--	1300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1700	
5/18/2007	16.18	6.65	0.00	9.53	-0.25	--	2300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	3300	
8/10/2007	16.18	7.26	0.00	8.92	-0.61	--	4100	ND<25	ND<25	ND<25	ND<25	--	4300	
11/9/2007	16.18	7.40	0.00	8.78	-0.14	--	5700	ND<25	ND<25	ND<25	ND<25	--	5400	
2/8/2008	16.18	6.09	0.00	10.09	1.31	--	2600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	4100	
5/16/2008	16.18	6.87	0.00	9.31	-0.78	--	1800	ND<12	ND<12	ND<12	42	--	3500	
8/15/2008	16.18	7.78	0.00	8.40	-0.91	--	1200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	1900	
11/26/2008	16.18	8.65	0.00	7.53	-0.87	--	720	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2400	
2/24/2009	19.13	6.73	0.00	12.40	4.87	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2300	
5/28/2009	19.13	6.46	0.00	12.67	0.27	--	1000	ND<10	ND<10	ND<10	ND<20	--	4100	
9/14/2009	19.13	7.60	0.00	11.53	-1.14	--	1700	ND<5.0	ND<5.0	ND<5.0	ND<10	--	2100	
11/13/2009	19.13	7.83	0.00	11.30	-0.23	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	19.13	6.72	0.00	12.41	1.11	--	1600	ND<12	ND<12	ND<12	ND<25	--	3400	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-1 continued														
6/7/2010	19.13	6.58	0.00	12.55	0.14	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	19.13	7.20	0.00	11.93	-0.62	--	280	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	1400	
11/11/2010	19.13	8.13	0.00	11.00	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/14/2011	19.13	6.78	0.00	12.35	1.35	--	580	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	1100	
4/26/2011	19.13	5.92	0.00	13.21	0.86	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	410	Sampled on 4/26/2011
MW-1AR			**(Screen Interval in feet: 25-30)**											
5/28/2009	19.29	7.25	0.00	12.04	--	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	930	
9/14/2009	19.29	7.83	0.00	11.46	-0.58	--	480	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	890	
11/13/2009	19.29	8.07	0.00	11.22	-0.24	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	580	
2/5/2010	19.29	7.15	0.00	12.14	0.92	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	350	
6/7/2010	19.29	6.90	0.00	12.39	0.25	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	200	
8/3/2010	19.29	7.48	0.00	11.81	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	81	
11/11/2010	19.29	8.20	0.00	11.09	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
2/14/2011	19.29	7.01	0.00	12.28	1.19	--	58	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	91	
4/25/2011	19.29	6.25	0.00	13.04	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
MW-1BR			**(Screen Interval in feet: 30-35)**											
5/28/2009	19.13	6.70	0.00	12.43	--	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	810	
9/14/2009	19.13	7.80	0.00	11.33	-1.10	--	450	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	680	
11/13/2009	19.13	7.88	0.00	11.25	-0.08	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	490	
2/5/2010	19.13	7.84	0.00	11.29	0.04	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	280	
6/7/2010	19.13	7.28	0.00	11.85	0.56	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	320	
8/3/2010	19.13	7.44	0.00	11.69	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	280	
11/11/2010	19.13	8.46	0.00	10.67	-1.02	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	230	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-1BR continued														
2/14/2011	19.13	6.96	0.00	12.17	1.50	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
4/25/2011	19.13	6.32	0.00	12.81	0.64	--	68	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	66	
MW-2			**(Screen Interval in feet: 4.5-20.5)**											
3/5/1999	15.57	--	0.00	--	--	34400	--	2070	7710	2340	8240	--	8460	
6/3/1999	15.57	5.96	0.00	9.61	--	51200	--	1820	7570	2510	7320	6460	8800	
9/2/1999	15.57	6.85	0.00	8.72	-0.89	17000	--	1000	3100	1400	3700	4000	3720	
12/14/1999	15.57	7.65	0.00	7.92	-0.80	83000	--	3000	22000	4500	17000	9100	11000	
3/14/2000	15.57	5.26	0.00	10.31	2.39	31000	--	1600	4600	2300	7300	5700	8700	
5/31/2000	15.57	5.60	0.00	9.97	-0.34	9970	--	598	1030	487	2060	2500	1670	
8/29/2000	15.57	6.35	0.00	9.22	-0.75	7900	--	390	1500	280	1900	1800	1300	
12/1/2000	15.57	7.06	0.00	8.51	-0.71	87500	--	1860	17400	5590	19400	6220	3790	
3/17/2001	15.57	5.98	0.00	9.59	1.08	4310	--	371	59.0	280	682	321	433	
5/23/2001	15.57	6.97	0.00	8.60	-0.99	45400	--	374	4490	2790	10900	ND	406	
9/24/2001	15.57	7.56	0.00	8.01	-0.59	76000	--	430	13000	4700	18000	ND<2000	480	
12/10/2001	15.57	6.52	0.00	9.05	1.04	82000	--	320	9100	4400	16000	ND<2500	270	
3/11/2002	15.57	5.51	0.00	10.06	1.01	14000	--	75	1400	1100	3600	ND<250	150	
6/7/2002	15.57	5.73	0.00	9.84	-0.22	14000	--	120	1200	1400	4700	540	200	
9/3/2002	15.57	6.81	0.00	8.76	-1.08	10000	--	150	1200	610	2800	510	460	
12/12/2002	15.57	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed; Replaced with MW-2A
MW-2A			**(Screen Interval in feet: 5-11.5)**											
12/12/2002	15.56	7.45	0.00	8.11	--	3400	--	80	260	210	1000	380	400	
3/13/2003	--	5.85	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1.8	2.4	2.4	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-2A continued														
6/12/2003	--	6.08	0.00	--	--	ND<50	--	0.59	0.69	ND<0.50	1.2	6.0	4.7	
9/12/2003	15.56	6.54	0.00	9.02	--	--	120	1.8	4.2	6.1	20	--	6.6	
12/31/2003	15.56	5.63	0.00	9.93	0.91	88	--	0.79	1.8	3.6	14	ND<5.0	2.9	
2/12/2004	15.56	5.68	0.00	9.88	-0.05	160	--	2.6	4.8	13	48	7.2	7.9	
6/7/2004	15.56	6.21	0.00	9.35	-0.53	94	--	0.80	1.2	2.1	9.1	4.5	3.7	
9/17/2004	15.56	7.16	0.00	8.40	-0.95	--	230	3.5	6.1	13	41	--	83	
12/11/2004	15.56	5.84	0.00	9.72	1.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
3/15/2005	15.56	5.52	0.00	10.04	0.32	--	92	0.84	1.7	2.4	9.8	--	ND<10	
5/17/2005	15.56	5.55	0.00	10.01	-0.03	--	54	2.1	1.7	1.9	7.0	--	2.9	
7/27/2005	15.56	6.16	0.00	9.40	-0.61	--	ND<50	0.66	1.1	1.3	4.2	--	3.7	
11/23/2005	15.56	6.88	0.00	8.68	-0.72	--	120	1.3	2.8	7.8	30	--	10	
2/24/2006	15.56	5.79	0.00	9.77	1.09	--	84	0.51	1.2	4.2	16	--	7.2	
5/30/2006	15.56	5.62	0.00	9.94	0.17	--	69	0.90	2.2	3.7	14	--	4.1	
8/30/2006	15.56	6.38	0.00	9.18	-0.76	--	77	ND<0.50	0.50	1.0	3.3	--	2.5	
11/22/2006	15.56	6.60	0.00	8.96	-0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	2.2	--	0.59	
2/23/2007	15.56	6.05	0.00	9.51	0.55	--	ND<50	ND<0.50	0.66	ND<0.50	1.1	--	0.72	
5/18/2007	15.56	6.29	0.00	9.27	-0.24	--	ND<50	ND<0.50	ND<0.50	0.68	1.6	--	0.81	
8/10/2007	15.56	6.90	0.00	8.66	-0.61	--	ND<50	ND<0.50	ND<0.50	1.6	3.9	--	ND<0.50	
11/9/2007	15.56	6.96	0.00	8.60	-0.06	--	ND<50	ND<0.50	ND<0.50	2.4	4.4	--	ND<0.50	
2/8/2008	15.56	5.76	0.00	9.80	1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.56	6.50	0.00	9.06	-0.74	--	ND<50	ND<0.50	ND<0.50	0.56	1.2	--	ND<0.50	
8/15/2008	15.56	7.35	0.00	8.21	-0.85	--	78	ND<0.50	0.79	2.9	6.5	--	ND<0.50	
11/26/2008	15.56	8.12	0.00	7.44	-0.77	--	120	0.56	0.66	4.6	6.0	--	1.8	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-2A continued														
2/24/2009	18.51	6.19	0.00	12.32	4.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3			**(Screen Interval in feet: 5.0-20.0)**											
3/5/1999	15.11	--	0.00	--	--	135	--	ND	ND	ND	4.84	--	2.46	
6/3/1999	15.11	5.57	0.00	9.54	--	ND	--	ND	ND	ND	ND	5.23	12.7	
9/2/1999	15.11	6.50	0.00	8.61	-0.93	ND	--	ND	ND	ND	ND	13	11	
12/14/1999	15.11	7.28	0.00	7.83	-0.78	ND	--	ND	ND	ND	ND	ND	--	
3/14/2000	15.11	4.87	0.00	10.24	2.41	ND	--	ND	ND	ND	ND	7.2	6.3	
5/31/2000	15.11	5.58	0.00	9.53	-0.71	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	15.11	6.06	0.00	9.05	-0.48	ND	--	ND	ND	ND	ND	ND	ND	
12/1/2000	15.11	6.76	0.00	8.35	-0.70	ND	--	ND	ND	ND	ND	ND	--	
3/17/2001	15.11	5.09	0.00	10.02	1.67	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	15.11	5.72	0.00	9.39	-0.63	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	15.11	6.34	0.00	8.77	-0.62	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	15.11	6.31	0.00	8.80	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
3/11/2002	15.11	5.15	0.00	9.96	1.16	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	15.11	5.45	0.00	9.66	-0.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/12/2002	15.11	7.15	0.00	7.96	-1.70	--	--	--	--	--	--	--	--	No longer sampled
3/13/2003	15.11	5.37	0.00	9.74	1.78	--	--	--	--	--	--	--	--	
6/12/2003	15.11	5.51	0.00	9.60	-0.14	--	--	--	--	--	--	--	--	
9/12/2003	15.11	6.03	0.00	9.08	-0.52	--	--	--	--	--	--	--	--	
12/31/2003	15.11	5.62	0.00	9.49	0.41	--	--	--	--	--	--	--	--	Monitored only
2/12/2004	15.11	5.51	0.00	9.60	0.11	--	--	--	--	--	--	--	--	Monitored only
6/7/2004	15.11	5.92	0.00	9.19	-0.41	--	--	--	--	--	--	--	--	Monitored only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-3 continued														
9/17/2004	15.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/11/2004	15.11	5.94	0.00	9.17	--	--	--	--	--	--	--	--	--	Sampled annually
3/11/2005	15.11	4.76	0.00	10.35	1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/17/2005	15.11	5.23	0.00	9.88	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/27/2005	15.11	5.81	0.00	9.30	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/2005	15.11	6.60	0.00	8.51	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2006	15.11	5.37	0.00	9.74	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
5/30/2006	15.11	5.08	0.00	10.03	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.92	
8/30/2006	15.11	5.52	0.00	9.59	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	
11/22/2006	15.11	6.38	0.00	8.73	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.94	
2/23/2007	15.11	5.72	0.00	9.39	0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	
5/18/2007	15.11	5.94	0.00	9.17	-0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
8/10/2007	15.11	7.64	0.00	7.47	-1.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	15.11	6.75	0.00	8.36	0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
2/8/2008	15.11	5.39	0.00	9.72	1.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.11	6.17	0.00	8.94	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
8/15/2008	15.11	7.01	0.00	8.10	-0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
11/26/2008	15.11	7.73	0.00	7.38	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
2/24/2009	18.05	5.98	0.00	12.07	4.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
5/28/2009	18.05	5.64	0.00	12.41	0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	18.05	6.88	0.00	11.17	-1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	18.05	7.02	0.00	11.03	-0.14	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	18.05	6.02	0.00	12.03	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-3 continued														
6/7/2010	18.05	5.92	0.00	12.13	0.10	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	18.05	6.47	0.00	11.58	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.78	
11/11/2010	18.05	7.40	0.00	10.65	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/14/2011	18.05	6.04	0.00	12.01	1.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	45	
4/26/2011	18.05	5.28	0.00	12.77	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	Sampled on 4/26/2011
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
3/5/1999	15.17	--	0.00	--	--	ND	--	ND	ND	ND	2.44	--	25.2	
6/3/1999	15.17	5.45	0.00	9.72	--	ND	--	ND	ND	ND	ND	ND	3.96	
9/2/1999	15.17	6.48	0.00	8.69	-1.03	ND	--	ND	ND	ND	ND	23	27	
12/14/1999	15.17	7.27	0.00	7.90	-0.79	ND	--	ND	ND	ND	ND	200	270	
3/14/2000	15.17	4.67	0.00	10.50	2.60	ND	--	ND	ND	ND	ND	46	49	
5/31/2000	15.17	5.48	0.00	9.69	-0.81	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	15.17	6.10	0.00	9.07	-0.62	ND	--	ND	ND	ND	ND	6.1	3.2	
12/1/2000	15.17	6.79	0.00	8.38	-0.69	ND	--	ND	ND	ND	ND	152	101	
3/17/2001	15.17	5.01	0.00	10.16	1.78	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	15.17	5.78	0.00	9.39	-0.77	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	15.17	6.42	0.00	8.75	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	15.17	6.41	0.00	8.76	0.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1700	1300	
3/11/2002	15.17	5.05	0.00	10.12	1.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	15.17	5.42	0.00	9.75	-0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
9/3/2002	15.17	6.50	0.00	8.67	-1.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/12/2002	15.17	7.18	0.00	7.99	-0.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.9	3.3	
3/13/2003	15.17	5.42	0.00	9.75	1.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-4 continued														
6/12/2003	15.17	5.60	0.00	9.57	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
9/12/2003	15.17	6.07	0.00	9.10	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/31/2003	15.17	5.63	0.00	9.54	0.44	750	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	790	--	
2/12/2004	15.17	5.26	0.00	9.91	0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2004	15.17	5.82	0.00	9.35	-0.56	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	--	
9/17/2004	15.17	6.86	0.00	8.31	-1.04	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
12/11/2004	15.17	6.01	0.00	9.16	0.85	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	380	
3/11/2005	15.17	4.61	0.00	10.56	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/17/2005	15.17	4.93	0.00	10.24	-0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/27/2005	15.17	5.74	0.00	9.43	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/2005	15.17	6.59	0.00	8.58	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
2/24/2006	15.17	5.19	0.00	9.98	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.7	
5/30/2006	15.17	5.07	0.00	10.10	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/30/2006	15.17	6.02	0.00	9.15	-0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/22/2006	15.17	6.37	0.00	8.80	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	16	
2/23/2007	15.17	5.61	0.00	9.56	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
5/18/2007	15.17	5.87	0.00	9.30	-0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
8/10/2007	15.17	7.49	0.00	7.68	-1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	15.17	6.77	0.00	8.40	0.72	--	50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	39	
2/8/2008	15.17	5.10	0.00	10.07	1.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.17	6.06	0.00	9.11	-0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/15/2008	15.17	6.91	0.00	8.26	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
11/26/2008	15.17	7.71	0.00	7.46	-0.80	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-4 continued														
2/24/2009	18.14	5.96	0.00	12.18	4.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.8	
5/28/2009	18.14	5.70	0.00	12.44	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	18.14	6.76	0.00	11.38	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	18.14	6.97	0.00	11.17	-0.21	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	18.14	5.55	0.00	12.59	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	
6/7/2010	18.14	5.78	0.00	12.36	-0.23	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	18.14	6.47	0.00	11.67	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/11/2010	18.14	7.42	0.00	10.72	-0.95	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/14/2011	18.14	5.94	0.00	12.20	1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
4/26/2011	18.14	4.98	0.00	13.16	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled on 4/26/2011
MW-5			**(Screen Interval in feet: 5-20)**											
12/14/1999	13.34	6.45	0.00	6.89	--	ND	--	ND	ND	ND	ND	3.5	3.8	
3/14/2000	13.34	4.46	0.00	8.88	1.99	ND	--	ND	ND	ND	ND	ND	--	
5/31/2000	13.34	5.18	0.00	8.16	-0.72	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	13.34	5.46	0.00	7.88	-0.28	ND	--	ND	ND	ND	ND	ND	--	
12/1/2000	13.34	5.95	0.00	7.39	-0.49	ND	--	ND	ND	ND	ND	ND	--	
3/17/2001	13.34	5.36	0.00	7.98	0.59	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	13.34	5.09	0.00	8.25	0.27	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	13.34	5.58	0.00	7.76	-0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	13.34	5.51	0.00	7.83	0.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
3/11/2002	13.34	4.70	0.00	8.64	0.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	13.34	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/3/2002	13.34	--	--	--	--	--	--	--	--	--	--	--	--	Paved over

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-5 continued														
12/12/2002	13.34	6.42	0.00	6.92	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
3/13/2003	13.34	5.12	0.00	8.22	1.30	ND<50	--	ND<0.50	0.54	ND<0.50	ND<0.50	ND<2.0	--	
6/12/2003	13.34	5.24	0.00	8.10	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
9/12/2003	13.34	5.53	0.00	7.81	-0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/31/2003	13.34	5.11	0.00	8.23	0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
2/12/2004	13.34	5.02	0.00	8.32	0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2004	13.34	5.35	0.00	7.99	-0.33	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	--	
9/17/2004	13.34	6.10	0.00	7.24	-0.75	--	--	--	--	--	--	--	--	Sampled annually
12/11/2004	13.34	5.53	0.00	7.81	0.57	--	--	--	--	--	--	--	--	Sampled annually
3/11/2005	13.34	4.96	0.00	8.38	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/17/2005	13.34	5.04	0.00	8.30	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/27/2005	13.34	5.31	0.00	8.03	-0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/2005	13.34	5.86	0.00	7.48	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2006	13.34	5.08	0.00	8.26	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/30/2006	13.34	5.01	0.00	8.33	0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/30/2006	13.34	5.65	0.00	7.69	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/22/2006	13.34	5.82	0.00	7.52	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/23/2007	13.34	4.47	0.00	8.87	1.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.53	--	ND<0.50	
5/18/2007	13.34	5.51	0.00	7.83	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
8/10/2007	13.34	6.05	0.00	7.29	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	13.34	6.10	0.00	7.24	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/8/2008	13.34	5.06	0.00	8.28	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	13.34	5.69	0.00	7.65	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-5 continued														
8/15/2008	13.34	6.35	0.00	6.99	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/26/2008	13.34	6.82	0.00	6.52	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2009	16.45	5.10	0.00	11.35	4.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/28/2009	16.45	5.12	0.00	11.33	-0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	16.45	6.29	0.00	10.16	-1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	16.45	6.23	0.00	10.22	0.06	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	16.45	5.38	0.00	11.07	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/7/2010	16.45	5.39	0.00	11.06	-0.01	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	16.45	5.89	0.00	10.56	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/11/2010	16.45	6.36	0.00	10.09	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/14/2011	16.45	5.49	0.00	10.96	0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
4/26/2011	16.45	5.08	0.00	11.37	0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled on 4/26/2011
MW-6			**(Screen Interval in feet: 5-20)**											
12/14/1999	14.08	6.64	0.00	7.44	--	ND	--	ND	ND	ND	ND	11000	18000	
3/14/2000	14.08	4.72	0.00	9.36	1.92	ND	--	ND	ND	ND	ND	19000	21000	
5/31/2000	14.08	5.28	0.00	8.80	-0.56	ND	--	ND	ND	ND	ND	13200	--	
8/29/2000	14.08	5.39	0.00	8.69	-0.11	ND	--	ND	ND	ND	ND	270	400	
12/1/2000	14.08	6.11	0.00	7.97	-0.72	ND	--	ND	ND	ND	ND	6330	3640	
3/17/2001	14.08	6.02	0.00	8.06	0.09	18700	--	2950	989	1040	3000	10200	11500	
5/23/2001	14.08	5.82	0.00	8.26	0.20	ND	--	ND	ND	ND	ND	4660	--	
9/24/2001	14.08	6.59	0.00	7.49	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	190	
12/10/2001	14.08	6.50	0.00	7.58	0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3200	2400	
3/11/2002	14.08	4.81	0.00	9.27	1.69	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	92	120	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

	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
	MW-6 continued														
	6/7/2002	14.08	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	9/3/2002	14.08	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
	12/12/2002	14.08	6.51	0.00	7.57	--	590	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1500	6200	
	3/13/2003	14.08	5.20	0.00	8.88	1.31	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4900	4100	
D	3/13/2003	14.08	5.20	0.00	8.88	1.31	--	--	--	--	--	--	--	5100	
	6/12/2003	14.08	5.38	0.00	8.70	-0.18	1600	--	ND<10	ND<10	ND<10	ND<10	5200	3700	
	9/12/2003	14.08	6.29	0.00	7.79	-0.91	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
	12/31/2003	14.08	5.38	0.00	8.70	0.91	3300	--	ND<25	ND<25	ND<25	ND<25	3800	--	
	2/12/2004	14.08	5.06	0.00	9.02	0.32	1100	--	ND<10	ND<10	ND<10	ND<10	1900	2800	
	6/7/2004	14.08	5.45	0.00	8.63	-0.39	2500	--	ND<3	ND<3	ND<3	ND<6	3200	2900	
	9/17/2004	14.08	6.20	0.00	7.88	-0.75	--	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
	12/11/2004	14.08	5.60	0.00	8.48	0.60	--	1800	ND<10	ND<10	ND<10	ND<20	--	2700	
	3/11/2005	14.08	4.71	0.00	9.37	0.89	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2500	
	5/17/2005	14.08	4.98	0.00	9.10	-0.27	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2200	
	7/27/2005	14.08	5.48	0.00	8.60	-0.50	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1100	
	11/23/2005	14.08	6.01	0.00	8.07	-0.53	--	590	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1700	
	2/24/2006	14.08	5.12	0.00	8.96	0.89	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	990	
	5/30/2006	14.08	5.04	0.00	9.04	0.08	--	ND<1200	ND<12	ND<12	ND<12	ND<25	--	560	
	8/30/2006	14.08	7.01	0.00	7.07	-1.97	--	930	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	820	
	11/22/2006	14.08	6.16	0.00	7.92	0.85	--	690	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	620	
	2/23/2007	14.08	5.44	0.00	8.64	0.72	--	190	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	410	
	5/18/2007	14.08	5.63	0.00	8.45	-0.19	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	620	
	8/10/2007	14.08	6.71	0.00	7.37	-1.08	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	660	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
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MW-6 continued														
11/9/2007	14.08	6.17	0.00	7.91	0.54	--	580	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	820	
2/8/2008	14.08	5.20	0.00	8.88	0.97	--	360	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	570	
5/16/2008	14.08	5.70	0.00	8.38	-0.50	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	480	
8/15/2008	14.08	6.46	0.00	7.62	-0.76	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	450	
11/26/2008	14.08	7.01	0.00	7.07	-0.55	--	300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	400	
2/24/2009	16.97	5.20	0.00	11.77	4.70	--	250	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	450	
5/28/2009	16.97	5.26	0.00	11.71	-0.06	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
9/14/2009	16.97	6.30	0.00	10.67	-1.04	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
11/13/2009	16.97	6.40	0.00	10.57	-0.10	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	16.97	5.89	0.00	11.08	0.51	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
6/7/2010	16.97	5.52	0.00	11.45	0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	16.97	5.96	0.00	11.01	-0.44	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	180	
11/11/2010	16.97	6.54	0.00	10.43	-0.58	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/14/2011	16.97	5.63	0.00	11.34	0.91	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	180	
4/26/2011	16.97	5.02	0.00	11.95	0.61	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	Sampled on 4/26/2011
MW-7			**(Screen Interval in feet: 25-30)**											
5/28/2009	17.81	8.29	0.00	9.52	--	--	1100	ND<0.50	ND<0.50	1.4	7.1	--	15000	
9/14/2009	17.81	6.77	0.00	11.04	1.52	--	7900	ND<25	ND<25	ND<25	ND<50	--	15000	
11/13/2009	17.81	6.78	0.00	11.03	-0.01	--	5700	ND<10	ND<10	ND<10	ND<20	--	13000	
2/5/2010	17.81	8.50	0.00	9.31	-1.72	--	4300	ND<12	ND<12	ND<12	ND<25	--	12000	
6/7/2010	17.81	5.74	0.00	12.07	2.76	--	7100	ND<12	ND<12	ND<12	ND<25	--	16000	
8/3/2010	17.81	6.36	0.00	11.45	-0.62	--	1600	ND<10	ND<10	ND<10	ND<20	--	12000	
11/11/2010	17.81	7.23	0.00	10.58	-0.87	--	2600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	13000	

Table 2
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March 1999 Through April 2011
Former 76 Station 0843

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
MW-7 continued														
2/14/2011	17.81	6.33	0.00	11.48	0.90	--	7900	ND<50	ND<50	ND<50	ND<100	--	13000	
4/25/2011	17.81	5.62	0.00	12.19	0.71	--	6000	ND<10	ND<10	ND<10	ND<20	--	9900	
MW-8			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.13	7.42	0.00	10.71	--	--	850	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12000	
9/14/2009	18.13	6.97	0.00	11.16	0.45	--	3500	ND<25	ND<25	ND<25	ND<50	--	5600	
11/13/2009	18.13	7.11	0.00	11.02	-0.14	--	3200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6700	
2/5/2010	18.13	7.38	0.00	10.75	-0.27	--	2400	ND<10	ND<10	ND<10	ND<20	--	6300	
6/7/2010	18.13	6.07	0.00	12.06	1.31	--	4200	ND<10	ND<10	ND<10	ND<20	--	9000	
8/3/2010	18.13	6.56	0.00	11.57	-0.49	--	1200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	5600	
11/11/2010	18.13	7.60	0.00	10.53	-1.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	4900	
2/14/2011	18.13	6.22	0.00	11.91	1.38	--	3900	ND<25	ND<25	ND<25	ND<50	--	7100	
4/25/2011	18.13	6.65	0.00	11.48	-0.43	--	3700	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6000	
MW-9			**(Screen Interval in feet: 20-25)**											
5/28/2009	18.75	6.24	0.00	12.51	--	--	1200	ND<0.50	ND<0.50	0.75	15	--	13000	
9/14/2009	18.75	7.36	0.00	11.39	-1.12	--	280	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	390	
11/13/2009	18.75	7.56	0.00	11.19	-0.20	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	280	
2/5/2010	18.75	6.70	0.00	12.05	0.86	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
6/7/2010	18.75	6.59	0.00	12.16	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	66	
8/3/2010	18.75	7.00	0.00	11.75	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	99	
11/11/2010	18.75	8.02	0.00	10.73	-1.02	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	270	
2/14/2011	18.75	6.69	0.00	12.06	1.33	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	320	
4/25/2011	18.75	6.01	0.00	12.74	0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through April 2011
Former 76 Station 0843

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
MW-10			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.84	6.69	0.00	12.15	--	--	700	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3500	
9/14/2009	18.84	7.50	0.00	11.34	-0.81	--	3300	ND<6.2	ND<6.2	ND<6.2	ND<12	--	4900	
11/13/2009	18.84	7.70	0.00	11.14	-0.20	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	3300	
2/5/2010	18.84	6.66	0.00	12.18	1.04	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	260	
6/7/2010	18.84	6.56	0.00	12.28	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.9	
8/3/2010	18.84	7.14	0.00	11.70	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
11/11/2010	18.84	8.16	0.00	10.68	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
2/14/2011	18.84	6.71	0.00	12.13	1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
4/25/2011	18.84	5.90	0.00	12.94	0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
MW-11			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.72	6.18	0.00	12.54	--	--	920	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15000	
9/14/2009	18.72	7.45	0.00	11.27	-1.27	--	11000	ND<25	ND<25	ND<25	ND<50	--	18000	
11/13/2009	18.72	7.51	0.00	11.21	-0.06	--	6200	ND<10	ND<10	ND<10	ND<20	--	13000	
2/5/2010	18.72	7.50	0.00	11.22	0.01	--	4500	ND<12	ND<12	ND<12	ND<25	--	13000	
6/7/2010	18.72	6.36	0.00	12.36	1.14	--	4300	ND<10	ND<10	ND<10	ND<20	--	9500	
8/3/2010	18.72	6.90	0.00	11.82	-0.54	--	1400	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6000	
11/11/2010	18.72	8.00	0.00	10.72	-1.10	--	1600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6100	
2/14/2011	18.72	6.52	0.00	12.20	1.48	--	3500	ND<6.2	ND<6.2	ND<6.2	ND<12	--	7400	
4/25/2011	18.72	5.81	0.00	12.91	0.71	--	3100	ND<25	ND<25	ND<25	ND<50	--	3000	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-1												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
3/15/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	62	ND<250	--	--	--	ND<0.50	ND<0.50	5.5	--	--	--	--
11/22/2006	74	ND<250	--	--	--	ND<0.50	ND<0.50	0.51	--	--	--	--
2/23/2007	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
5/18/2007	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
8/10/2007	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	--	--	--	--
11/9/2007	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	--	--	--	--
2/8/2008	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
5/16/2008	ND<250	ND<6200	--	--	--	ND<12	ND<12	ND<12	--	--	--	--
8/15/2008	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	2.5	1.3	--	--	--
5/28/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	1.8	2.0	87	--
9/14/2009	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	1.4	2.2	220	--
2/5/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
8/3/2010	140	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.5	ND<2.0	70	ND<10
2/14/2011	99	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.6	2.7	91	ND<10
4/26/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	110	ND<10
MW-1AR												
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	1.6	--	--	--	--
9/14/2009	110	ND<500	--	--	--	ND<1.0	ND<1.0	ND<1.0	4.5	ND<2.0	170	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.1	ND<2.0	25	ND<10

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-1AR continued												
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	ND<2.0	ND<10	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.3	ND<2.0	14	ND<10
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	2.6	ND<10	ND<10
4/25/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	2.0	14	ND<10
MW-1BR												
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	2.0	--	--	--	--
9/14/2009	33	ND<500	--	--	--	ND<1.0	ND<1.0	1.9	3.7	ND<2.0	250	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	1.2	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	26	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	25	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	ND<2.0	12	ND<10
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.7	3.7	34	ND<10
4/25/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.5	2.5	16	ND<10
MW-2												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
12/14/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--
3/14/2000	1300	ND	ND	--	ND	ND	ND	ND	--	--	--	--
5/31/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--
8/29/2000	250	ND	ND	--	ND	ND	ND	ND	--	--	--	--
12/1/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--
3/17/2001	ND	ND	ND	--	ND	14.8	ND	ND	--	--	--	--
5/23/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--
9/24/2001	ND<5000	ND<50000000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--	--	--
12/10/2001	ND<500	ND<12000000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-2 continued												
3/11/2002	ND<1000	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--	--
6/7/2002	ND<1000	ND<2000000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--	--
9/3/2002	ND<1000	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--	--
MW-2A												
12/12/2002	ND<100	ND<500000	ND<2.0	--	2.3	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
3/13/2003	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
6/12/2003	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
9/12/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
12/31/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
2/12/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
6/7/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--
9/17/2004	6.7	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
12/11/2004	ND<5.0	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
3/15/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-2A continued												
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	17	--	--	--
MW-3												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	3.2	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-3 continued												
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
4/26/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
MW-4												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
12/10/2001	ND<290	ND<7100000	ND<14	--	ND<14	ND<14	ND<14	ND<14	--	--	--	--
12/12/2002	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
9/12/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--
9/17/2004	ND<5.0	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
12/11/2004	ND<25	ND<250	--	--	--	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	290	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-4 continued												
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	1.7	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
4/26/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
MW-5												
9/12/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	59	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-5 continued												
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	4.5	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
4/26/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	120	ND<10
MW-6												
3/17/2001	ND	ND	ND	--	219	ND	ND	ND	--	--	--	--
9/24/2001	ND<100	ND<1000000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
12/10/2001	ND<500	ND<12000000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--	--
3/11/2002	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
12/12/2002	ND<10000	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--	--	--
3/13/2003	ND<5000	ND<25000000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--	--	--
6/12/2003	ND<2000	ND<10000000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--	--
9/12/2003	--	ND<2500	--	--	--	--	--	--	--	--	--	--
2/12/2004	ND<2000	ND<10000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--	--
6/7/2004	ND<200	ND<8000	ND<5	--	ND<5	ND<10	ND<10	ND<10	--	--	--	--
9/17/2004	ND<100	ND<1000	--	--	--	ND<20	ND<10	ND<10	--	--	--	--
12/11/2004	ND<100	ND<1000	--	--	--	ND<20	ND<10	ND<10	--	--	--	--
3/11/2005	ND<100	ND<1000	--	--	--	ND<10	ND<10	ND<10	--	--	--	--
5/17/2005	ND<100	ND<1000	--	--	--	ND<10	ND<10	ND<10	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-6 continued												
7/27/2005	ND<100	ND<1000	--	--	--	ND<10	ND<10	ND<10	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	1.0	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	0.68	--	--	--	--
5/30/2006	ND<250	ND<6200	--	--	--	ND<12	ND<12	ND<12	--	--	--	--
8/30/2006	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
11/22/2006	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	0.52	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	2.7	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	23	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	41	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
4/26/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	98	ND<10
MW-7												
5/28/2009	150	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--
9/14/2009	680	ND<12000	--	--	--	ND<25	ND<25	ND<25	9.8	ND<2.0	76	--
11/13/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-7 continued												
2/5/2010	1600	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
6/7/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	3.9	ND<2.0	11	ND<10
8/3/2010	1400	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	3.6	ND<2.0	79	ND<10
11/11/2010	1200	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4.1	ND<2.0	27	ND<10
2/14/2011	ND<1000	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	4.1	ND<2.0	43	ND<10
4/25/2011	1400	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	5.4	ND<2.0	12	ND<10
MW-8												
5/28/2009	36	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	9.7	9.9	ND<2.0	140	--
9/14/2009	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	14	ND<2.0	60	--
11/13/2009	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
2/5/2010	960	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--
6/7/2010	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	4.0	ND<2.0	21	ND<10
8/3/2010	670	ND<2500	ND<5.0	ND<0.010	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3.9	ND<2.0	74	ND<10
11/11/2010	ND<1000	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	3.7	ND<2.0	46	ND<10
2/14/2011	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	3.7	ND<2.0	59	ND<10
4/25/2011	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3.2	ND<2.0	14	ND<10
MW-9												
5/28/2009	40	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--
9/14/2009	24	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	3.0	ND<2.0	520	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	6.1	24	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	2.5	25	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.4	2.6	24	ND<10
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.4	6.6	22	ND<10

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-9 continued												
4/25/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	6.5	54	ND<10
MW-10												
5/28/2009	39	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	4.6	2.4	2.0	ND<10	--
9/14/2009	240	ND<3100	--	--	--	ND<6.2	ND<6.2	ND<6.2	2.7	ND<2.0	24	--
11/13/2009	ND<50	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--	--
2/5/2010	35	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	6.5	15	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	8.7	19	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	10	20	11
2/14/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	14	18	15
4/25/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	12	20	12
MW-11												
5/28/2009	140	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	9.4	--	--	--	--
9/14/2009	850	ND<12000	--	--	--	ND<25	ND<25	ND<25	3.3	ND<2.0	14	--
11/13/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--
2/5/2010	1600	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
6/7/2010	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	3.0	ND<2.0	ND<10	ND<10
8/3/2010	620	ND<2500	ND<5.0	ND<0.010	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.9	ND<2.0	ND<10	ND<10
11/11/2010	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.8	ND<2.0	17	ND<10
2/14/2011	670	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<6.2	3.5	ND<2.0	14	ND<10
4/25/2011	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	3.1	ND<2.0	12	ND<10

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1												
2/24/2009	ND<100	ND<1.0	500	--	--	--	18	--	--	--	4.63	3.22
5/28/2009	ND<500	2.4	550	--	--	9.9	25	8.6	130	463	0.80	2.95
9/14/2009	ND<100	3.7	1600	--	--	11	25	6.8	204	429	1.93	3.81
2/5/2010	--	--	--	--	--	--	--	--	--	--	0.83	1.42
8/3/2010	ND<100	1.8	1100	--	--	16	24	6.7	333.4	508	1.10	1.68
2/14/2011	ND<500	5.4	530	--	--	18	25	8.9	418.5	509	6.45	4.45
4/26/2011	ND<500	2.6	650	55	ND<3.0	22	29	8.5	280.3	508	3.17	5.82
MW-1AR												
5/28/2009	--	--	--	--	--	--	--	--	--	--	1.72	0.95
9/14/2009	2500	570	830	--	--	17	39	7.0	205	655	1.68	1.83
11/13/2009	--	--	--	--	--	--	--	--	--	--	3.13	2.98
2/5/2010	--	--	--	--	--	--	--	--	--	--	0.37	0.94
6/7/2010	490	210	450	--	--	21	30	6.1	273.4	554	0.79	1.27
8/3/2010	550	180	230	--	--	21	31	8.1	225.1	537	0.39	0.58
11/11/2010	370	210	330	--	--	20	31	7.6	206.5	545	2.67	2.46
2/14/2011	420	150	190	--	--	21	32	7.3	217.9	537	1.31	1.48
4/25/2011	ND<500	100	270	9.8	ND<3.0	23	31	8.0	294.1	470	0.90	1.24
MW-1BR												
5/28/2009	--	--	--	--	--	--	--	--	--	--	0.61	1.37
9/14/2009	ND<500	230	930	--	--	17	59	6.7	207	673	0.46	1.02
11/13/2009	--	--	--	--	--	--	--	--	--	--	5.74	4.59
2/5/2010	--	--	--	--	--	--	--	--	--	--	0.38	0.82
6/7/2010	380	110	180	--	--	27	30	6.6	479.4	539	0.74	1.42
8/3/2010	240	130	230	--	--	26	28	7.3	271.8	548	0.37	0.43

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1BR continued												
11/11/2010	250	130	170	--	--	ND<0.44	28	7.0	227.8	540	1.78	1.43
2/14/2011	290	73	170	--	--	29	28	8.1	286.1	531	1.07	1.74
4/25/2011	ND<100	85	150	9.8	ND<3.0	26	26	8.7	370.9	485	1.40	0.73
MW-2A												
2/24/2009	110	ND<1.0	130	--	--	--	87	--	--	--	3.38	4.44
MW-3												
2/24/2009	ND<100	ND<1.0	1100	--	--	--	130	--	--	--	5.01	2.30
5/28/2009	--	--	--	--	--	--	--	--	--	--	0.61	4.03
9/14/2009	--	--	--	--	--	--	--	6.6	196	658	0.49	2.02
2/5/2010	--	--	--	--	--	--	--	--	--	--	1.04	2.64
8/3/2010	--	--	--	--	--	--	--	6.7	279.4	601	0.95	2.24
2/14/2011	--	--	--	--	--	--	--	4.9	288.9	587	1.15	2.43
4/26/2011	--	--	--	--	--	--	--	6.1	289.0	621	1.37	2.60
MW-4												
2/24/2009	ND<100	3.1	250	--	--	--	130	--	--	--	6.15	4.27
5/28/2009	--	--	--	--	--	--	--	--	--	--	3.68	3.76
9/14/2009	--	--	--	--	--	--	--	7.1	195	1020	2.16	2.78
2/5/2010	--	--	--	--	--	--	--	--	--	--	8.59	7.70
8/3/2010	--	--	--	--	--	--	--	8.3	280.9	1110	5.26	2.88
2/14/2011	--	--	--	--	--	--	--	9.2	294.6	770	7.02	6.84
4/26/2011	--	--	--	--	--	--	--	8.8	284.0	683	5.69	5.81
MW-5												
2/24/2009	ND<100	ND<1.0	720	--	--	--	64	--	--	--	5.65	2.58
5/28/2009	--	--	--	--	--	--	--	--	--	--	1.71	4.32

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-5 continued												
9/14/2009	--	--	--	--	--	--	--	4.0	204	609	0.64	2.08
2/5/2010	--	--	--	--	--	--	--	--	--	--	2.08	2.59
8/3/2010	--	--	--	--	--	--	--	8.6	288.2	611	7.12	2.08
2/14/2011	--	--	--	--	--	--	--	6.0	317.6	617	1.55	2.81
4/26/2011	--	--	--	--	--	--	--	8.6	317.6	632	3.13	5.65
MW-6												
2/24/2009	ND<100	1.2	2300	--	--	--	85	--	--	--	3.40	1.29
5/28/2009	--	--	--	--	--	--	--	--	--	--	1.06	1.85
9/14/2009	--	--	--	--	--	--	--	7.1	205	595	0.46	1.07
2/5/2010	--	--	--	--	--	--	--	--	--	--	2.96	2.73
8/3/2010	--	--	--	--	--	--	--	8.0	291.7	530	0.72	1.35
2/14/2011	--	--	--	--	--	--	--	5.2	326.6	542	1.01	2.16
4/26/2011	--	--	--	--	--	--	--	7.7	324.7	531	3.03	6.14
MW-7												
5/28/2009	--	--	--	--	--	--	--	--	--	--	1.24	0.63
9/14/2009	3200	2000	2200	--	--	4.2	180	6.9	217	1030	0.26	1.35
11/13/2009	--	--	--	--	--	--	--	--	--	--	--	0.76
2/5/2010	--	--	--	--	--	--	--	--	--	--	1.46	0.69
6/7/2010	1200	1200	1500	--	--	4.1	72	8.2	342.6	801	0.57	1.10
8/3/2010	4500	1100	1500	--	--	3.9	69	8.9	105.6	745	2.18	1.05
11/11/2010	2000	1000	1000	--	--	2.3	67	6.3	54.88	740	1.45	2.32
2/14/2011	2700	920	1000	--	--	2.9	55	8.0	191.4	713	0.94	1.20
4/25/2011	1100	960	1100	12	ND<3.0	3.0	40	8.8	101.0	692	1.99	1.53
MW-8												

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-8 continued												
5/28/2009	ND<1000	280	830	--	--	12	130	9.0	124	923	2.22	1.38
9/14/2009	480	1000	1300	--	--	7.7	260	6.2	407	1100	0.28	1.11
11/13/2009	--	--	--	--	--	--	--	--	--	--	3.51	0.84
2/5/2010	--	--	--	--	--	--	--	--	--	--	1.17	0.58
6/7/2010	620	870	1200	--	--	6.1	81	8.3	350.3	791	0.72	1.27
8/3/2010	1500	860	1300	--	--	6.8	85	8.9	218.5	733	3.03	0.90
11/11/2010	430	810	1000	--	--	5.2	83	7.7	229.2	724	1.31	0.98
2/14/2011	440	830	1400	--	--	5.8	75	8.0	267.0	694	2.81	3.44
4/25/2011	160	780	1200	14	ND<3.0	5.6	56	8.2	250.5	685	1.27	2.90
MW-9												
9/14/2009	ND<1000	180	4700	--	--	5.0	68	7.3	204	580	3.58	4.16
11/13/2009	--	--	--	--	--	--	--	--	--	--	5.06	4.22
2/5/2010	--	--	--	--	--	--	--	--	--	--	0.93	1.25
6/7/2010	280	200	1100	--	--	6.9	41	7.9	380.3	665	0.95	1.46
8/3/2010	160	120	540	--	--	5.8	42	7.2	300.6	651	1.02	0.70
11/11/2010	ND<500	180	1000	--	--	6.0	35	6.5	217.8	686	1.92	2.72
2/14/2011	230	60	440	--	--	8.1	29	9.5	305.5	690	0.78	0.64
4/25/2011	ND<500	11	770	24	ND<3.0	12	34	6.9	316.3	678	2.74	4.16
MW-10												
5/28/2009	150	280	350	--	--	9.1	30	7.1	139	661	0.30	1.76
9/14/2009	210	280	380	--	--	6.3	33	6.1	205	675	2.19	0.67
11/13/2009	--	--	--	--	--	--	--	--	--	--	1.20	1.58
2/5/2010	--	--	--	--	--	--	--	--	--	--	0.83	0.98
6/7/2010	260	18	340	--	--	10	29	8.1	379.1	490	3.24	3.26
8/3/2010	150	10	150	--	--	12	27	8.4	315.2	476	3.71	3.62

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-10 continued												
11/11/2010	ND<100	9.2	160	--	--	13	28	7.6	175.6	529	3.07	4.23
2/14/2011	160	43	45	--	--	13	30	9.2	326.6	560	2.25	3.77
4/25/2011	ND<100	8.2	120	5.8	ND<3.0	18	30	8.0	344.9	549	1.23	1.14
MW-11												
5/28/2009	--	--	--	--	--	--	--	--	--	--	0.22	0.80
9/14/2009	310	570	740	--	--	0.73	37	6.7	192	780	0.81	0.82
11/13/2009	--	--	--	--	--	--	--	--	--	--	0.35	1.52
2/5/2010	--	--	--	--	--	--	--	--	--	--	1.33	1.56
6/7/2010	310	280	980	--	--	1.5	20	7.0	501.3	737	0.70	1.31
8/3/2010	100	440	730	--	--	3.3	20	6.9	317.6	727	0.54	1.21
11/11/2010	990	610	830	--	--	2.7	23	6.6	145.0	718	0.60	2.02
2/14/2011	240	560	760	--	--	3.1	21	9.4	473.7	750	0.88	0.56
4/25/2011	100	370	1000	8.7	ND<3.0	6.4	21	7.6	542.7	749	1.57	1.88

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-1		
2/24/2009	57	59
5/28/2009	119	171
9/14/2009	233	146
2/5/2010	66	71
8/3/2010	172	158
2/14/2011	355	356
4/26/2011	184	197
MW-1AR		
5/28/2009	144	177
9/14/2009	235	187
11/13/2009	174	16
2/5/2010	79	75
6/7/2010	56	78
8/3/2010	148	108
11/11/2010	204	216
2/14/2011	349	362
4/25/2011	217	215
MW-1BR		
5/28/2009	145	165
9/14/2009	228	143
11/13/2009	151	107
2/5/2010	85	79
6/7/2010	48	10
8/3/2010	54	59

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-1BR	**continued**	
11/11/2010	212	212
2/14/2011	356	351
4/25/2011	203	200
MW-2A		
2/24/2009	50	34
MW-3		
2/24/2009	46	49
5/28/2009	141	85
9/14/2009	146	119
2/5/2010	338	71
8/3/2010	103	103
2/14/2011	187	188
4/26/2011	219	218
MW-4		
2/24/2009	61	64
5/28/2009	141	55
9/14/2009	142	63
2/5/2010	309	326
8/3/2010	102	106
2/14/2011	187	172
4/26/2011	213	201
MW-5		
2/24/2009	27	34
5/28/2009	138	94

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-5 continued		
9/14/2009	147	115
2/5/2010	295	71
8/3/2010	62	102
2/14/2011	179	195
4/26/2011	198	208
MW-6		
2/24/2009	68	67
5/28/2009	142	56
9/14/2009	154	118
2/5/2010	314	135
8/3/2010	96	103
2/14/2011	195	198
4/26/2011	206	213
MW-7		
5/28/2009	160	124
9/14/2009	-13	-53
11/13/2009	1	-24
2/5/2010	-10	-7
6/7/2010	11	-13
8/3/2010	112	105
11/11/2010	176	190
2/14/2011	198	76
4/25/2011	220	219
MW-8		

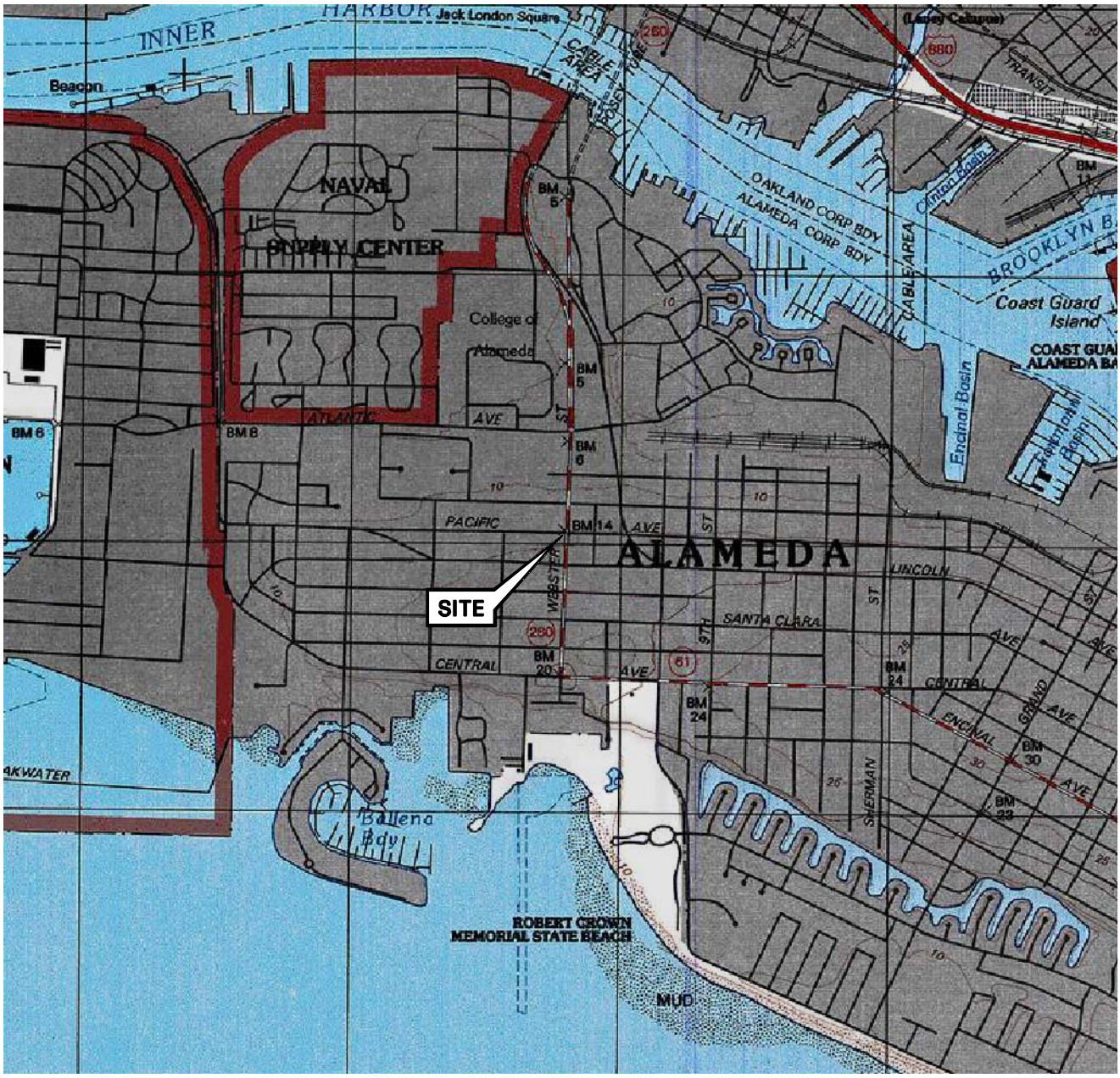
Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-8 continued		
5/28/2009	146	68
9/14/2009	151	92
11/13/2009	111	72
2/5/2010	88	63
6/7/2010	22	35
8/3/2010	88	101
11/11/2010	179	170
2/14/2011	197	188
4/25/2011	215	214
MW-9		
9/14/2009	236	171
11/13/2009	81	105
2/5/2010	102	102
6/7/2010	61	39
8/3/2010	48	64
11/11/2010	201	207
2/14/2011	349	346
4/25/2011	191	196
MW-10		
5/28/2009	151	156
9/14/2009	235	114
11/13/2009	95	77
2/5/2010	87	87
6/7/2010	82	84
8/3/2010	74	62

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-10 continued		
11/11/2010	190	207
2/14/2011	342	355
4/25/2011	153	156
MW-11		
5/28/2009	1.56	147
9/14/2009	224	49
11/13/2009	53	23
2/5/2010	280	126
6/7/2010	97	44
8/3/2010	12	-20
11/11/2010	192	211
2/14/2011	337	324
4/25/2011	213	217

FIGURES



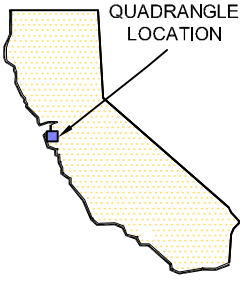
N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland West Quadrangle

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

SCALE 1: 24,000



TRC

FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\0843VM.DWG Mar 02, 2010 – 9:52am bschmidt

LEGEND

MW-11 Former 76 Monitoring Well with Groundwater Elevation (feet)

S-9 Shell Service Station Monitoring Well

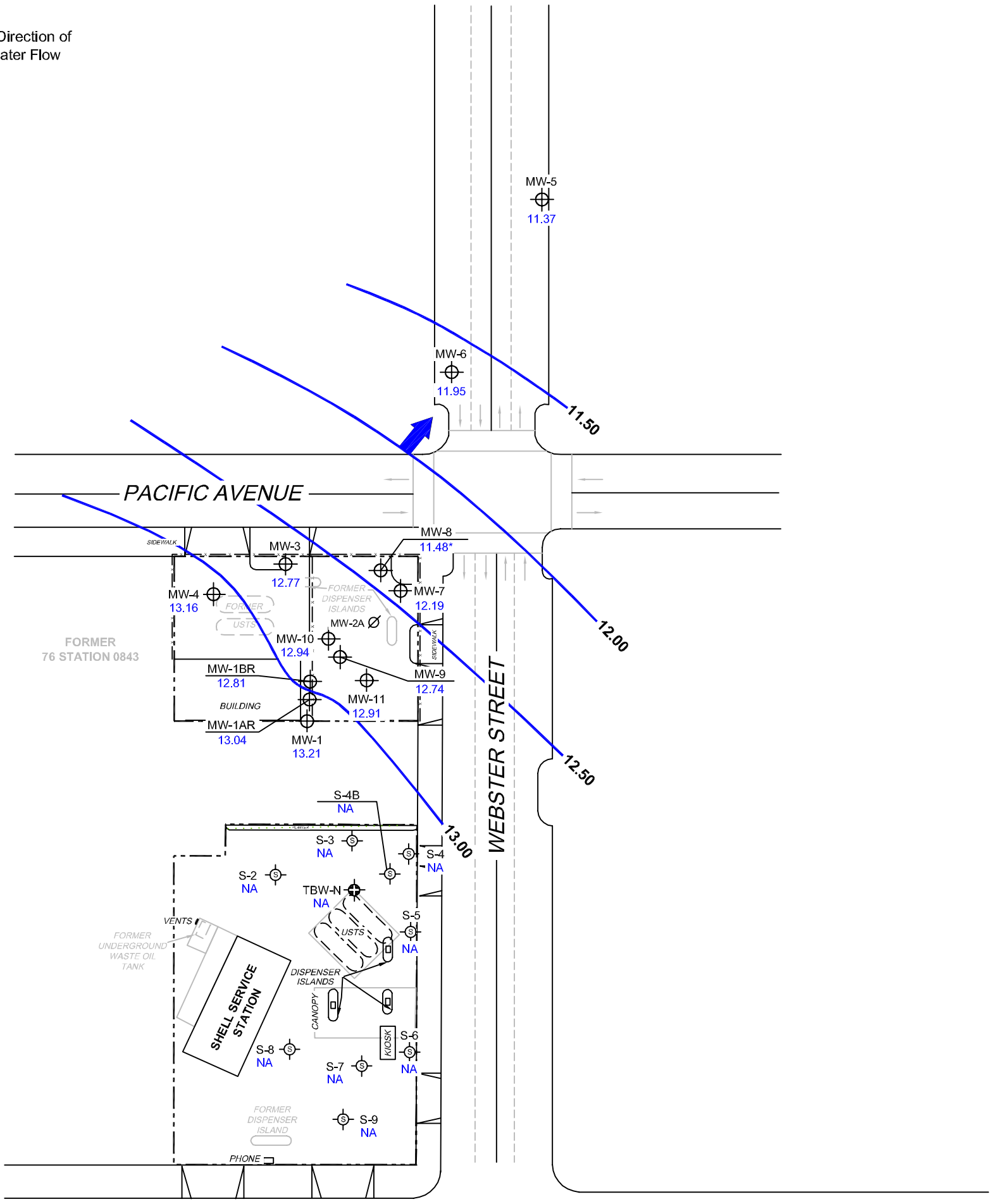
TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

13.00 Groundwater Elevation Contour

General Direction of Groundwater Flow

N



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. * = not included in groundwater contour interpretation. UST = underground storage tank. Shell Service Station not provided this quarter.

SCALE (FEET)

0 60

TRC

PROJECT: 181816.NCAL

FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
April 25, 2011

FIGURE 2

LEGEND

MW-11 Former 76 Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

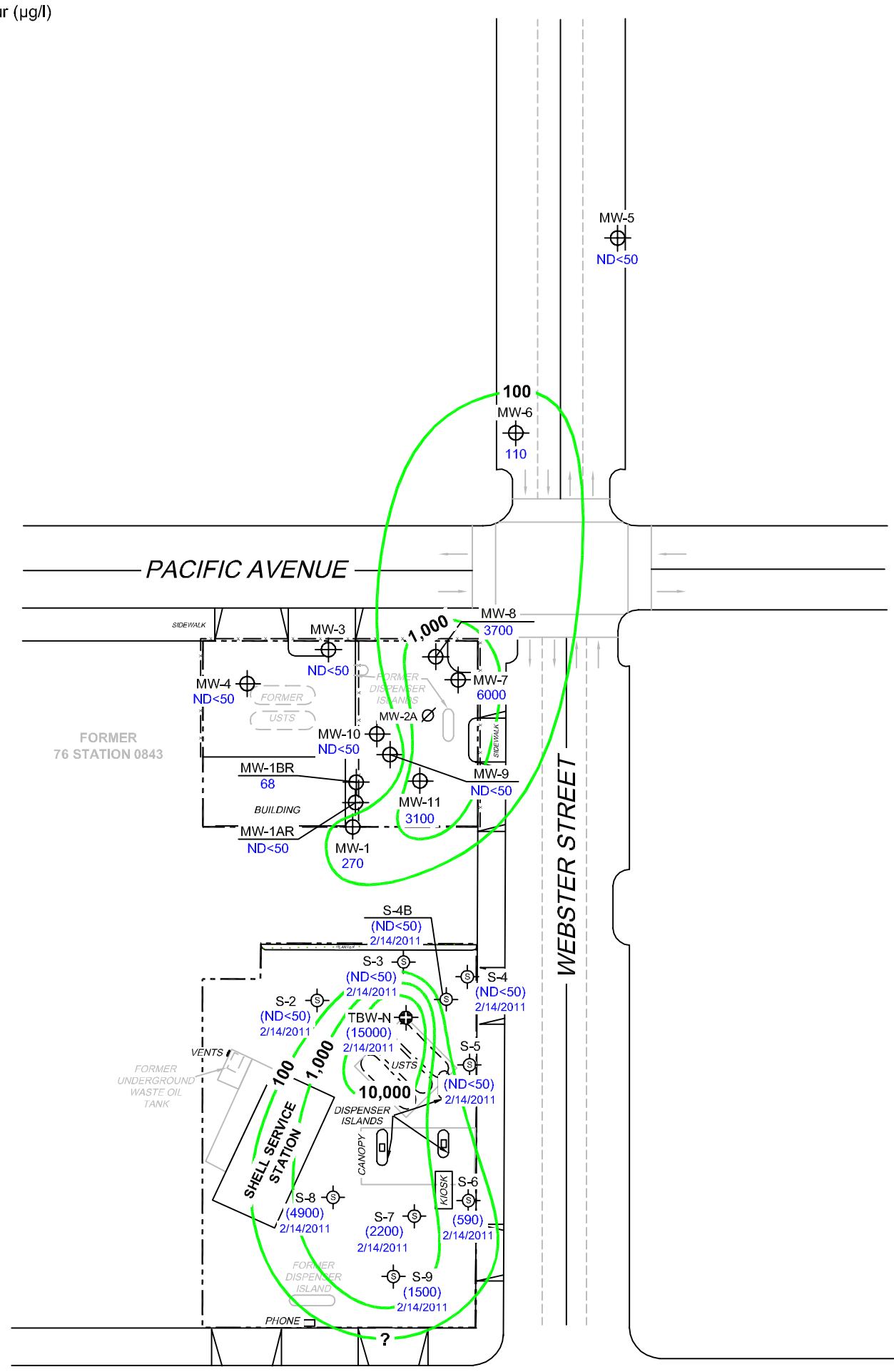
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

10,000 Dissolved-Phase TPH-G Contour (µg/l)

N



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. Shell Service Station not provided this quarter.

SCALE (FEET)
0 60

TRC

PROJECT: 181816.NCAL

FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
April 25, 2011

FIGURE 3

LEGEND

MW-11 Former 76 Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

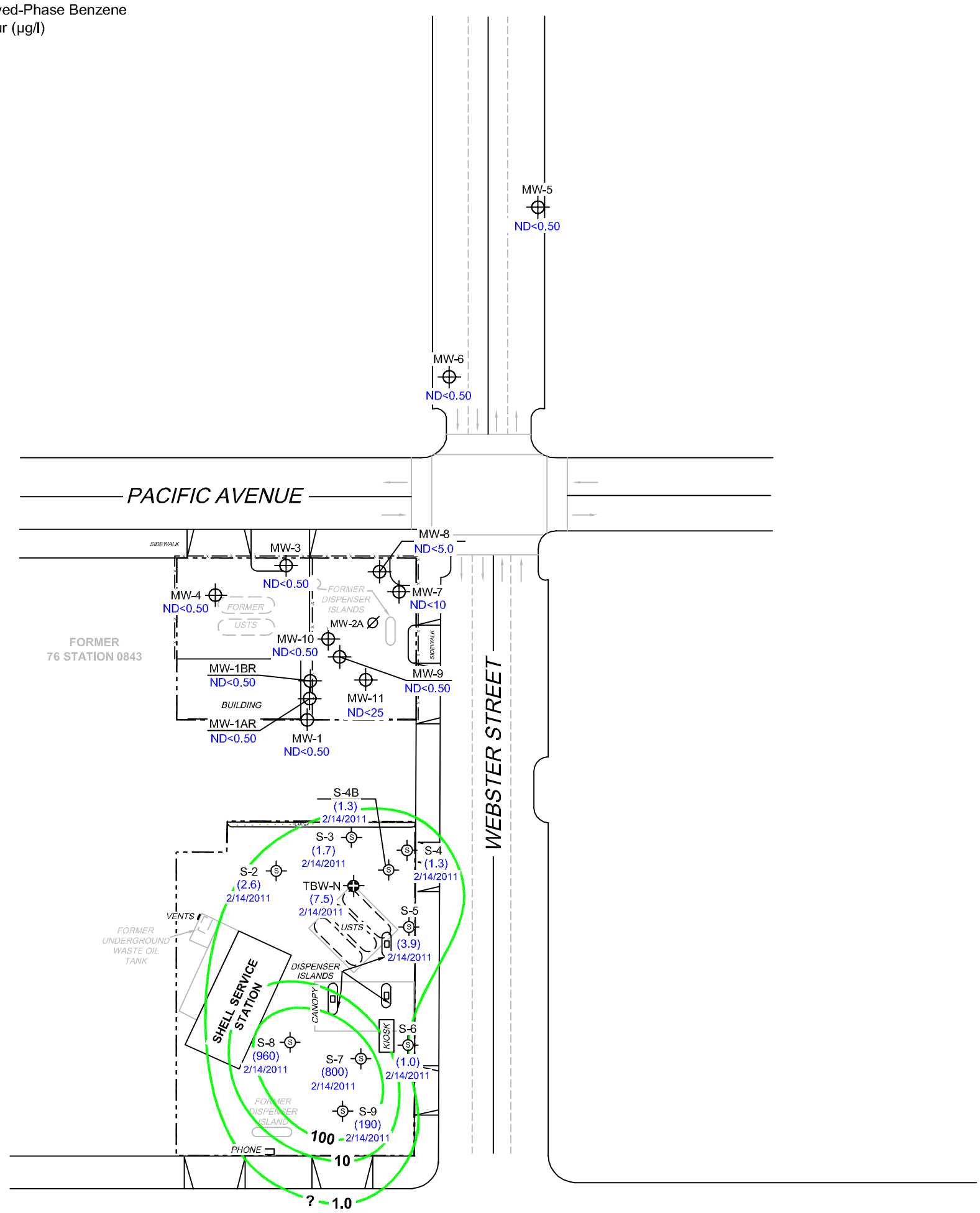
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

100 Dissolved-Phase Benzene Contour (µg/l)

N



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. Shell Service Station not provided this quarter.

SCALE (FEET)
0 60

TRC

PROJECT: 181816.NCAL

FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
April 25, 2011

FIGURE 4

LEGEND

MW-11 Former 76 Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

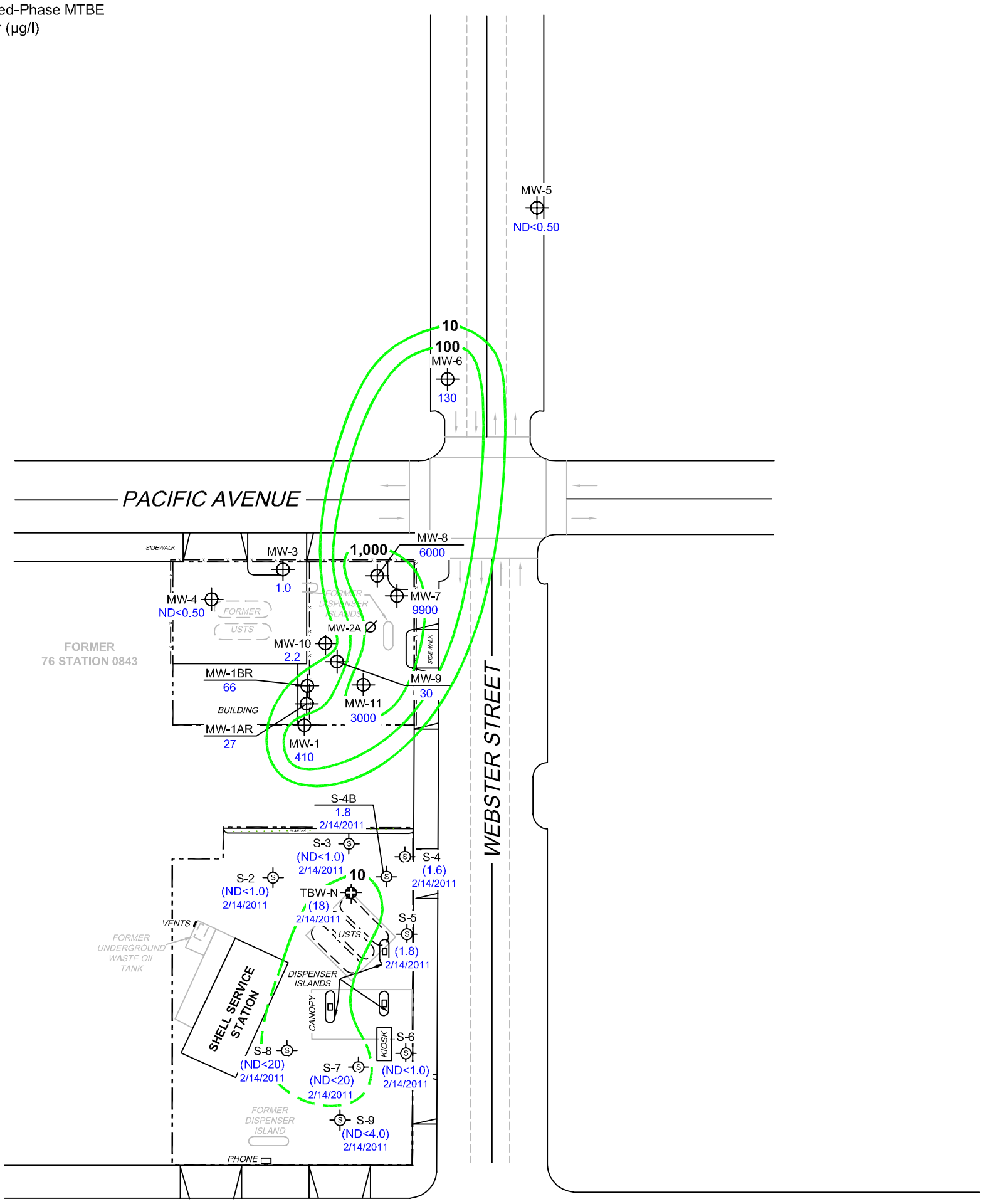
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

1,000 Dissolved-Phase MTBE Contour (µg/l)

N



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. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Shell Service Station not provided this quarter. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

TRC

PROJECT: 181816.NCAL

FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
April 25, 2011

FIGURE 5

LEGEND

MW-11 Former 76 Monitoring Well with Dissolved-Phase TBA Concentration (µg/l)

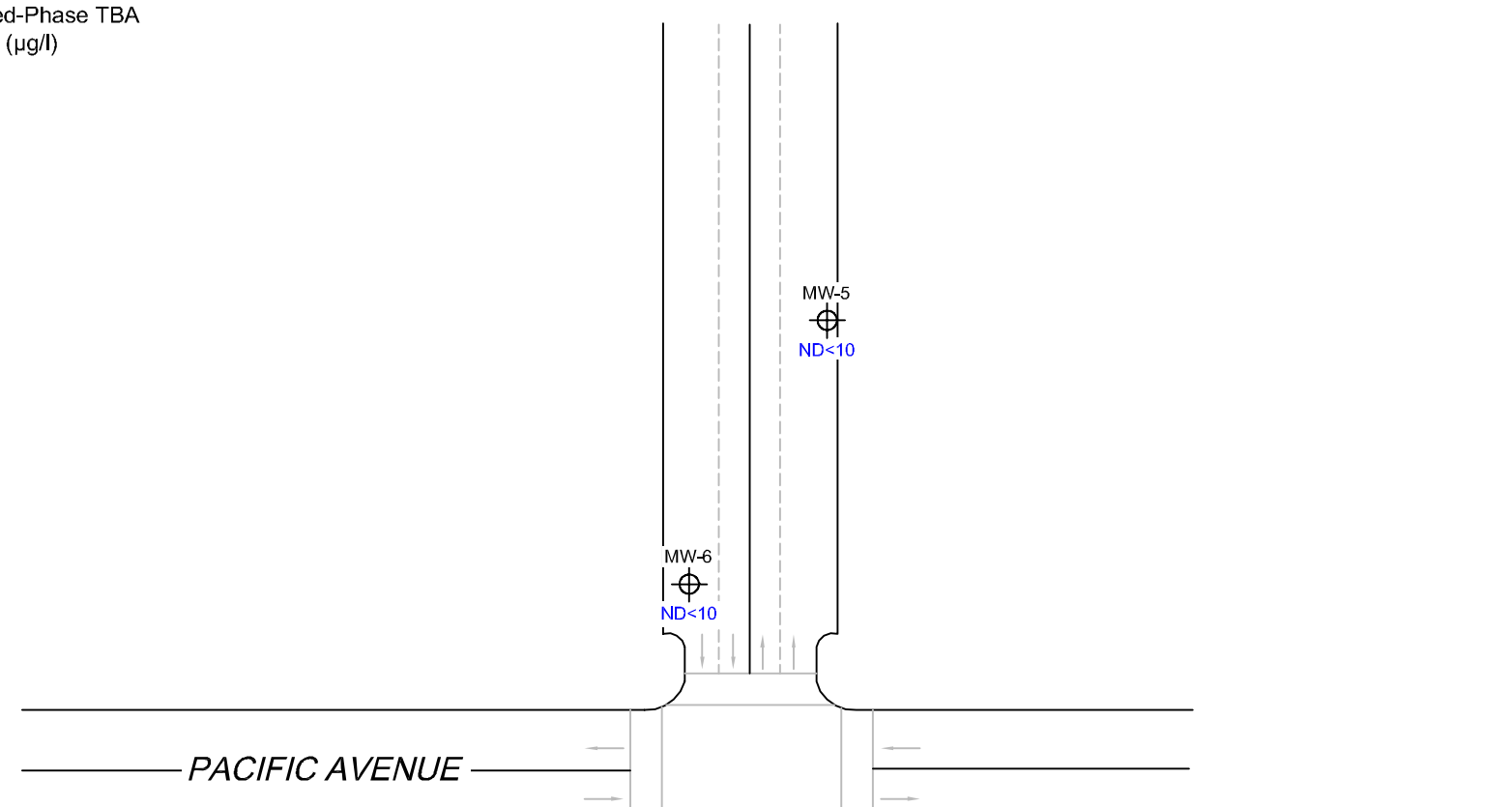
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

1,000 Dissolved-Phase TBA Contour (µg/l)

N



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TBA = tertiary butyl alcohol. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Shell Service Station not provided this quarter. Results obtained using EPA Method 8260B.

SCALE (FEET)
0 60

TRC

PROJECT: 181816.NCAL

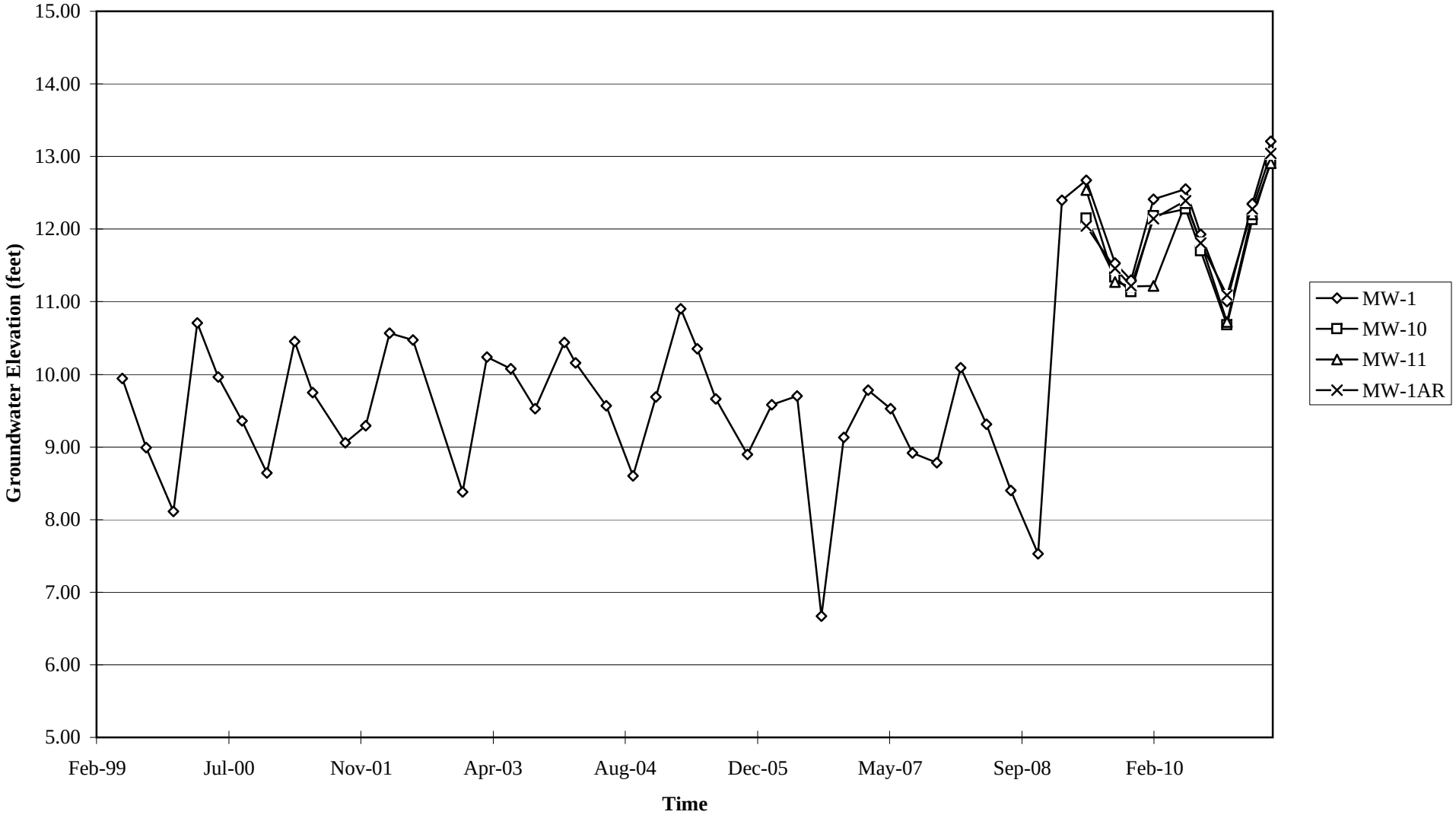
FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE TBA CONCENTRATION MAP
April 25, 2011

FIGURE 6

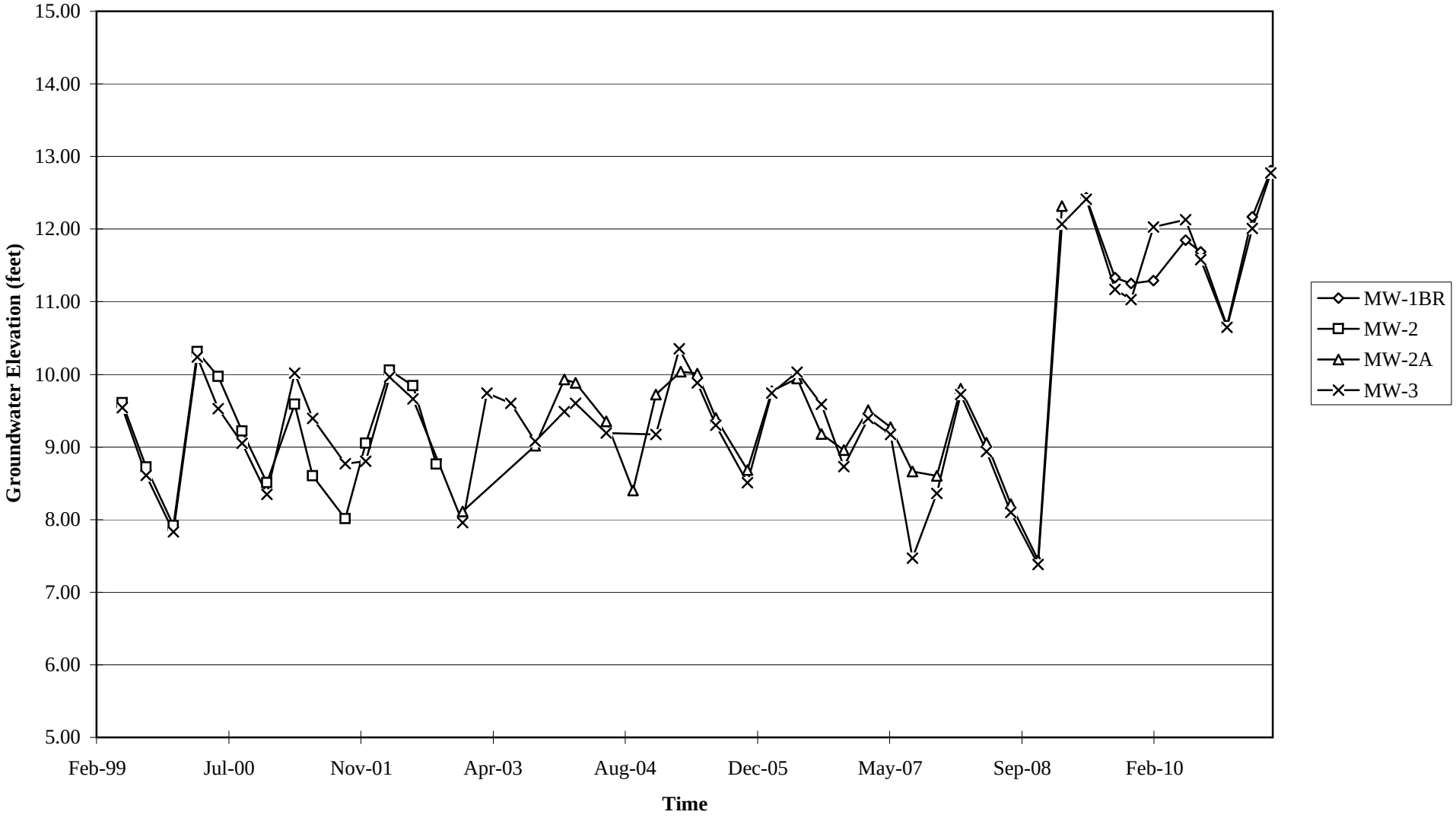
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 0843



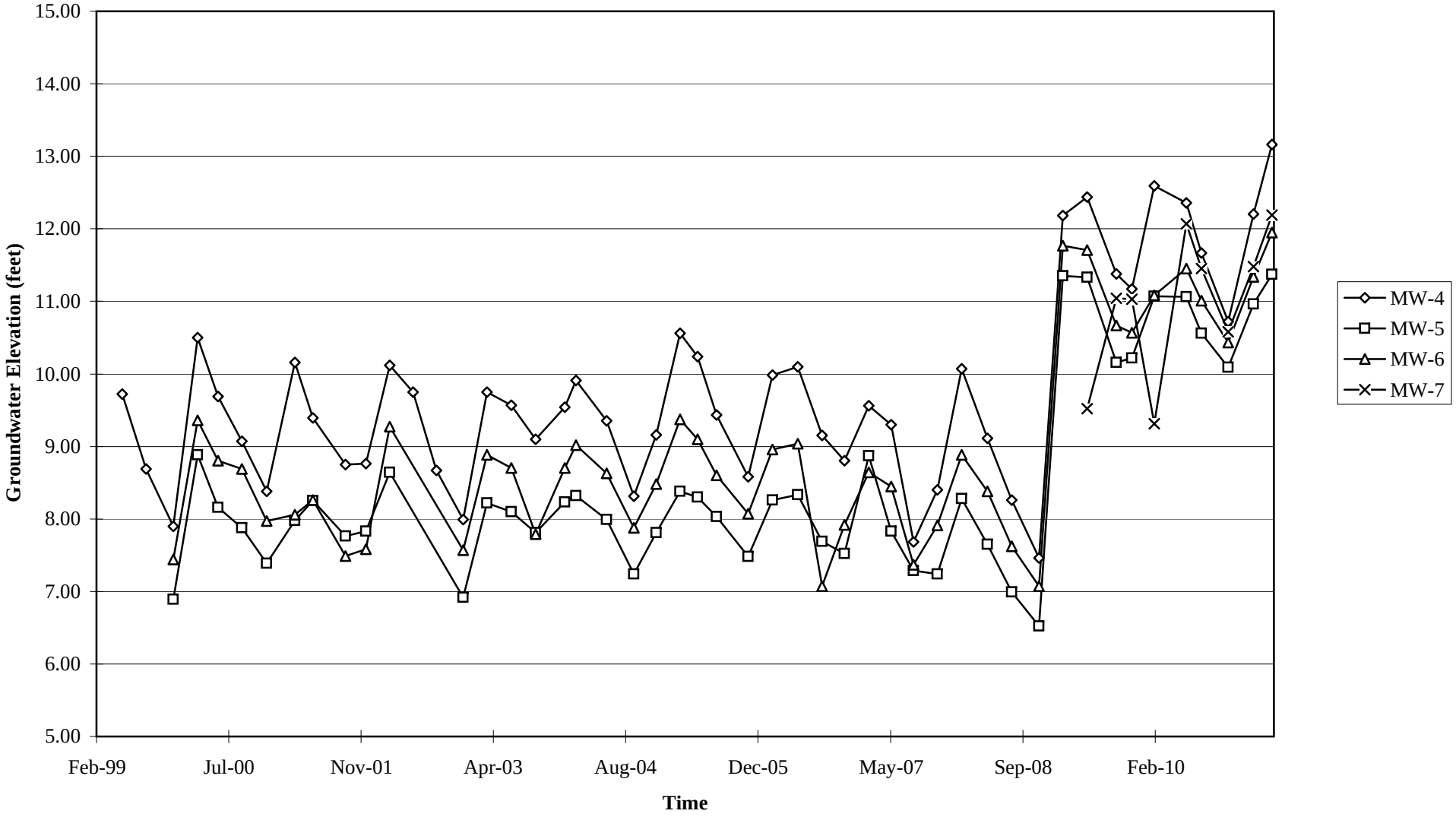
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



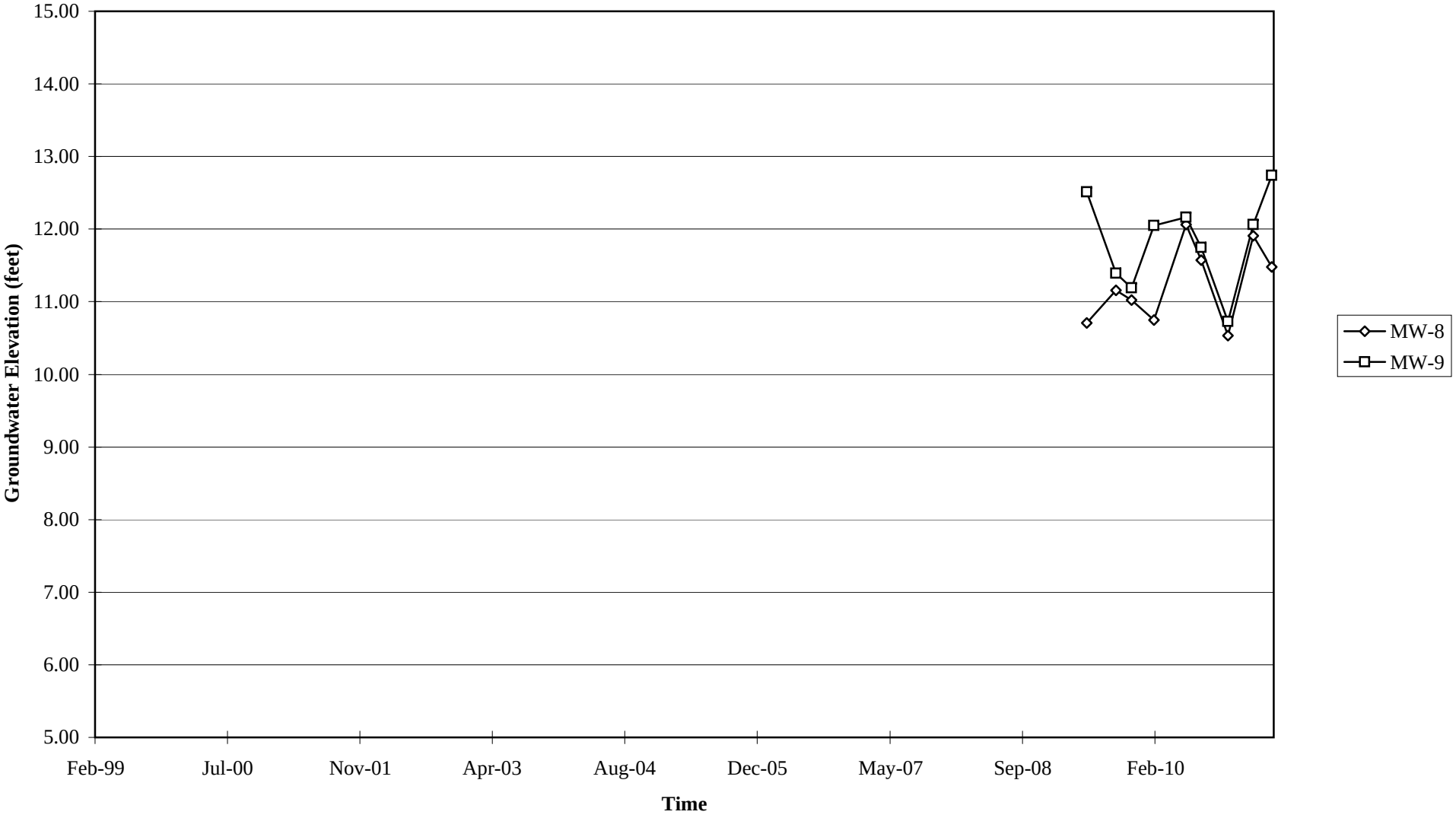
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



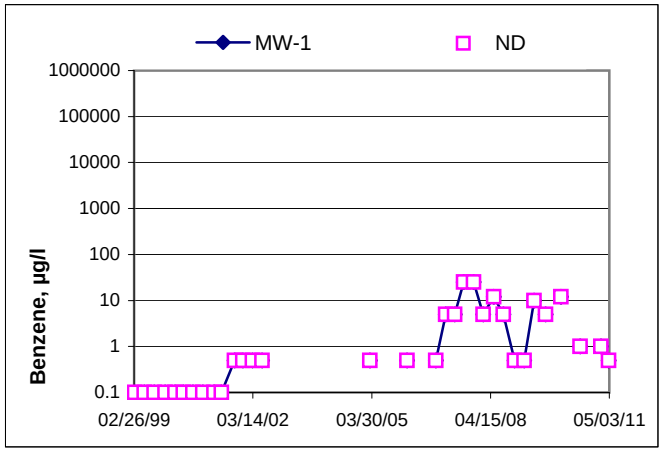
Elevations may have been corrected for apparent changes due to resurvey

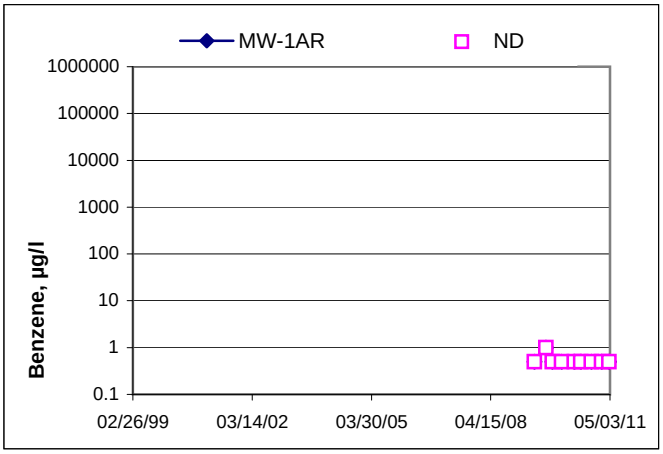
Groundwater Elevations vs. Time
Former 76 Station 0843

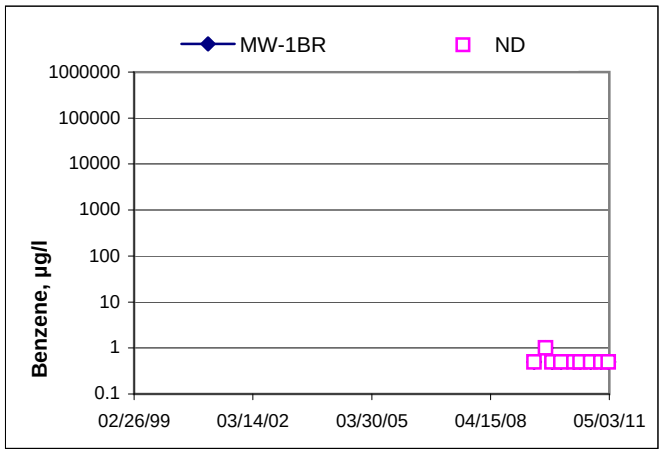


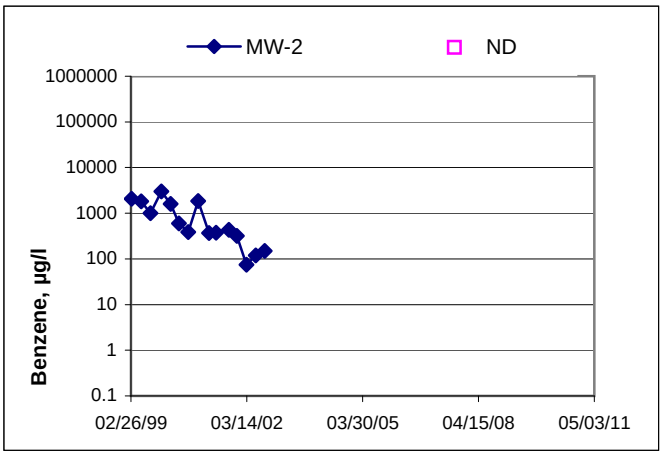
Elevations may have been corrected for apparent changes due to resurvey

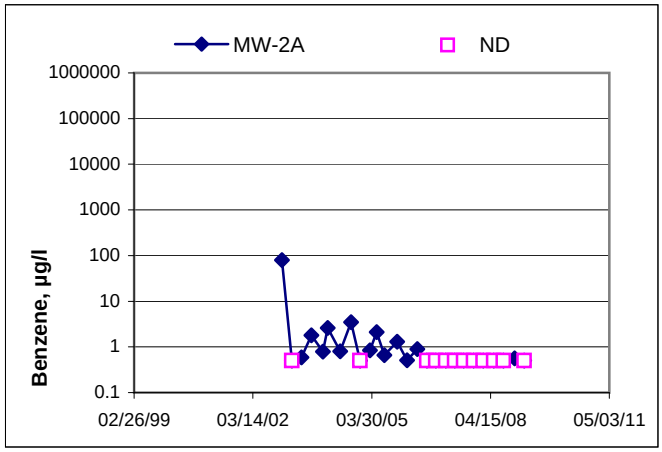
Benzene Concentrations vs Time
Former 76 Station 0843

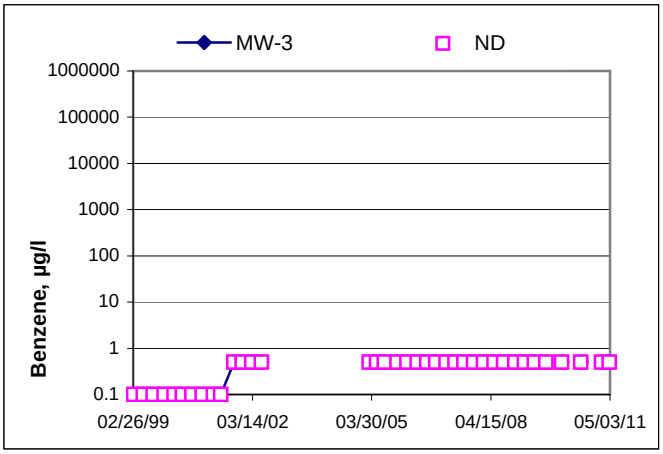


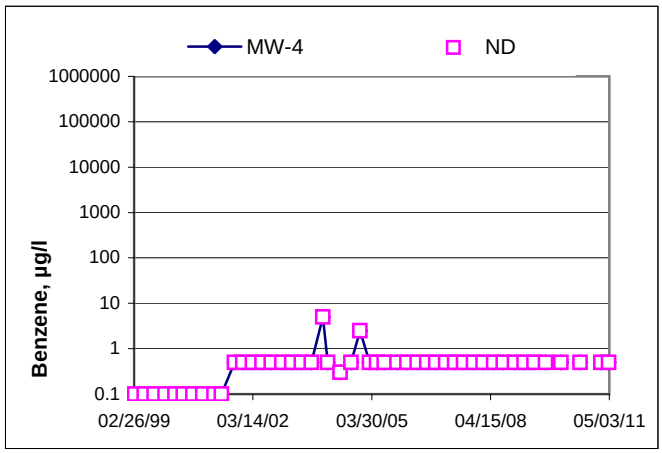


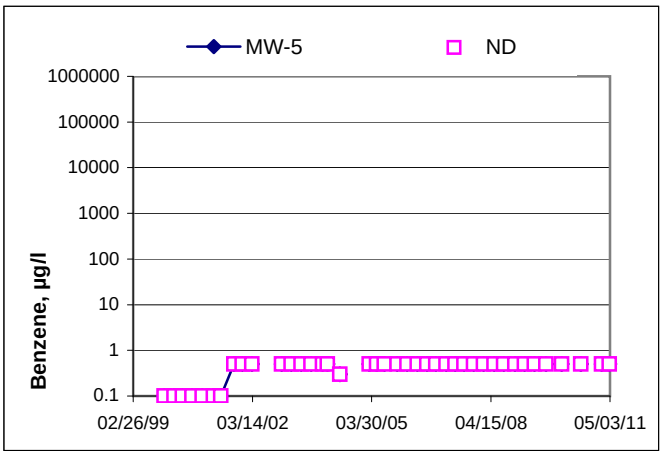






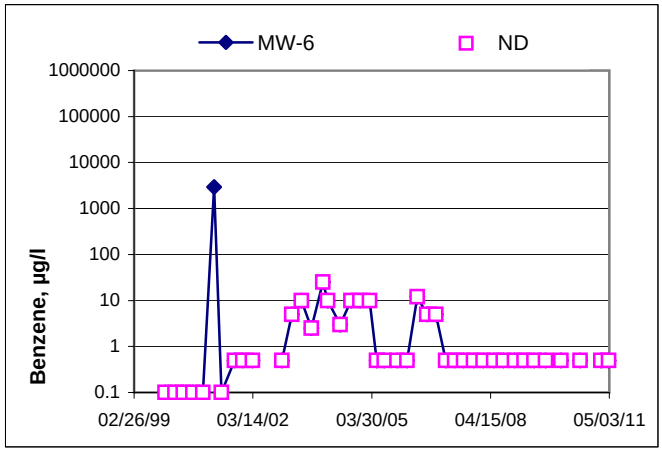


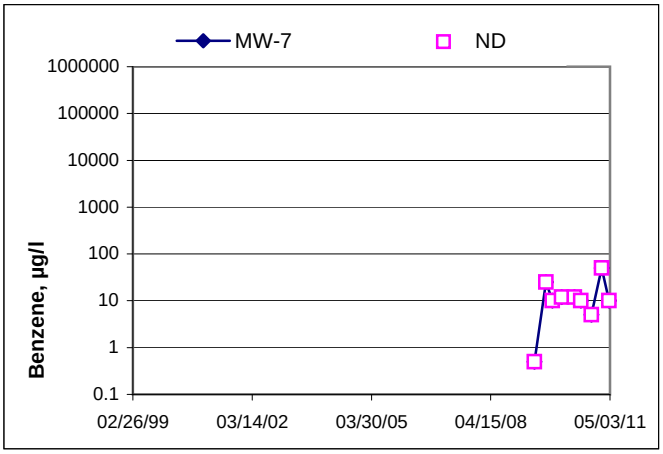


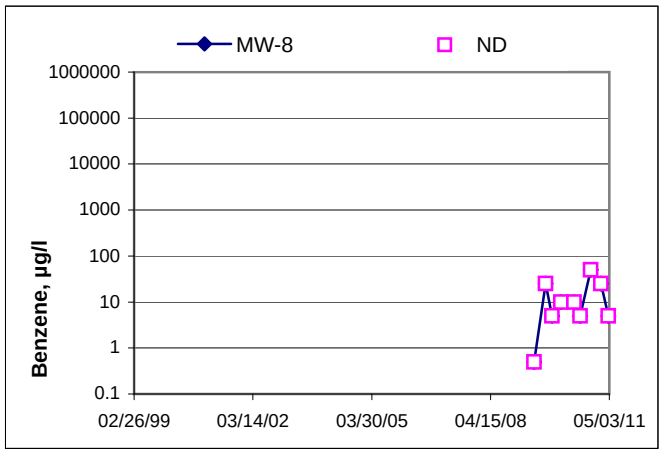


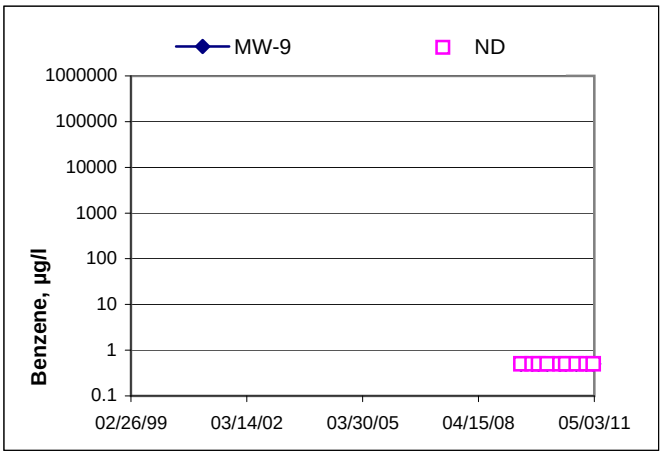
Benzene Concentrations vs Time

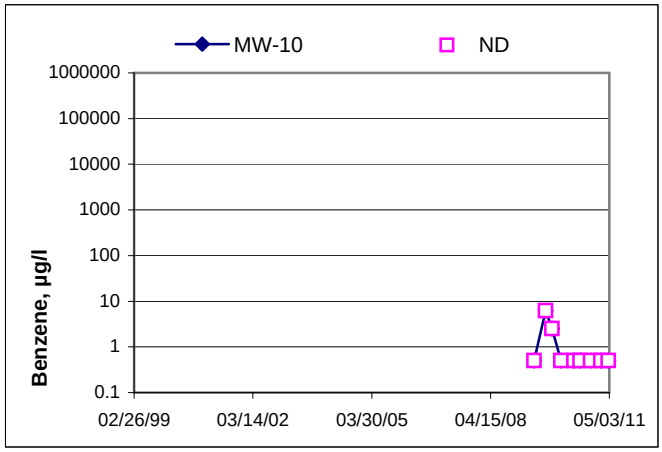
Former 76 Station 0843

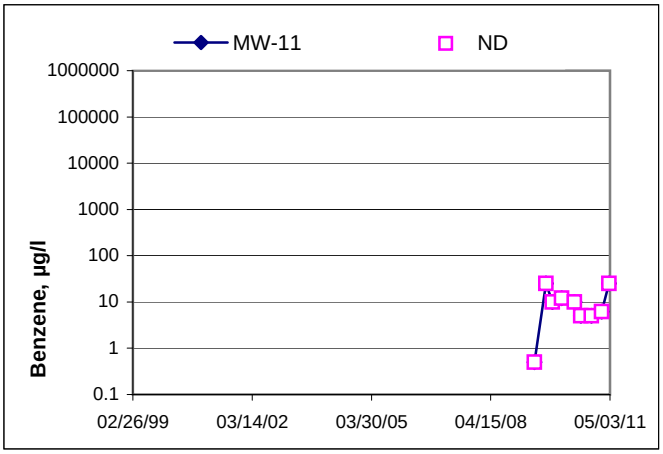












GENERAL FIELD PROCEDURES

Groundwater Gauging and Sampling Assignments

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

Fluid Level Measurements (Gauging)

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

Groundwater Sample Collection

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

GENERAL FIELD PROCEDURES

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Purge Water Disposal

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 181816 Date: 04/25/11

Site # 0843 Project Manager A. Collins Page 1 of 2

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	X	0622	20.11	5.92	—	—	NS	2" monitor only
MW-1AR	X	0629	29.70	6.25	—	—	0734	2"
MW-1BR	X	0638	34.45	6.32	—	—	0800	2"
MW-10	X	0644	29.18	5.90	—	—	0830	2"
MW-3	X	0652	19.85	5.28	—	—	NS	2" monitor only
MW-4	X	0654	17.18	4.98	—	—	NS	2" monitor only

FIELD DATA COMPLETE ✓	QA/QC ✓	COC ✓	WELL BOX CONDITION SHEETS ✓
MANIFEST	DRUM INVENTORY ✓	TRAFFIC CONTROL	

TRC

FIELD MONITORING DATA SHEET

Technician: A. Vickers Job #/Task #: 181816 Date: 4/25/11

Site # 0843 Project Manager A. Collins Page 2 of 2

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-9	✓	0618	24.42	6.01	—	—	0745	2"
MW-11	✓	0622	27.52	5.81	—	—	0811	2"
MW-7	✓	0626	29.13	5.62	—	—	0900	2"
MW-8	✓	0630	29.58	6.65	—	—	0918	2"
MW-5	✓	0641	20.29	5.08	—	—	N/S	2" Monitor Only
MW-6	✓	0652	20.08	5.02	—	—	N/S	2" ↓

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL	

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Joe

Site: 0843 Project No.: 181816 Date: 04/25/11

Well No. MW-1AR Purge Method: SUB

Depth to Water (feet): 6.25 Depth to Product (feet): —

Total Depth (feet) 29.70 LPH & Water Recovered (gallons): —

Water Column (feet): 23.45 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.74 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.24	217	
0725			4	486.8	16.4	6.38	0.92	214	
			8	498.2	17.3	6.37	0.89	211	
	0730		12	489.3	17.3	6.37	0.90	215	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.28	12	0734

Comments:

Well No. MW-1BR Purge Method: SUB

Depth to Water (feet): 6.32 Depth to Product (feet): —

Total Depth (feet) 34.45 LPH & Water Recovered (gallons): —

Water Column (feet): 28.13 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.94 1 Well Volume (gallons): 5

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							0.73	203	
0747			5	490.4	16.5	6.47	1.38	199	
			10	480.3	17.1	6.48	1.42	203	
	0753		15	475.3	16.4	6.44	1.46	208	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.61	15	0800

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0843 Project No.: 181816 Date: 04/25/11

Well No. MW-10 Purge Method: SUB

Depth to Water (feet): 5.90 Depth to Product (feet): —

Total Depth (feet) 29.18 LPH & Water Recovered (gallons): —

Water Column (feet): 23.28 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.55 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.14	153	
0820			4	579.4	17.3	6.70	1.13	151	
			8	583.2	17.9	6.57	1.18	155	
	0825		12	576.0	17.9	6.46	1.23	156	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.40	12	0830

Comments:

Well No. Purge Method:

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

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

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

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

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

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0843 Project No.: 181816 Date: 4/25/11

Well No. MW-9 Purge Method: Sub

Depth to Water (feet): 6.01 Depth to Product (feet): —

Total Depth (feet) 24.42 LPH & Water Recovered (gallons): —

Water Column (feet): 18.41 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.69 1 Well Volume (gallons): 4

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							4.16	191	
0725			4	696.9	17.0	6.39	2.91	185	
			8	704.7	18.0	6.36	2.80	189	
	0732		12	712.8	18.1	6.34	2.74	196	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.61	12	0745

Comments:

Well No. MW-8 Purge Method: Sub

Depth to Water (feet): 6.65 Depth to Product (feet): —

Total Depth (feet) 29.58 LPH & Water Recovered (gallons): —

Water Column (feet): 22.93 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.24 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.90	215	
0839			4	698.8	18.7	6.38	1.19	215	
			8	718.8	19.1	6.34	1.31	213	
	0848		12	712.7	19.4	6.32	1.27	214	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.73	12	0918

Comments: Well went dry at each purge volume. Recharges quickly

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidmers

Site: 0843 Project No.: 181816 Date: 4/25/11

Well No. MW-11 Purge Method: Sub

Depth to Water (feet): 5.81 Depth to Product (feet): —

Total Depth (feet) 27.52 LPH & Water Recovered (gallons): —

Water Column (feet): 21.71 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.15 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.88	213	
0754			4	775.4	17.4	6.31	1.80	215	
			8	779.2	18.0	6.26	1.65	217	
	0806		12	770.4	18.2	6.26	1.57	217	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.19	12	0811

Comments:

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 5.62 Depth to Product (feet): —

Total Depth (feet) 29.13 LPH & Water Recovered (gallons): —

Water Column (feet): 23.51 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.32 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.53	220	
0825			4	471.6	17.3	6.36	5.15	222	
			8	734.9	18.4	6.35	1.84	220	
	0834		12	722.6	19.3	6.31	1.99	219	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.46	12	0900

Comments: Well went dry at each purge volume. Recharges quickly

TRC

FIELD MONITORING DATA SHEET

Technician: A. Vickers Job #/Task #: 181916 Date: 4/26/11

Site # 0843 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
MW-1	✓	0558	20.17	5.95	—	—	0727	2"
MW-1AR	✓	0602	29.77	6.18	—	—	N/S	2" Monitor Only
MW-1BR	✓	0605	34.55	6.18	—	—	N/S	2"
MW-9	✓	0609	24.43	5.93	—	—	N/S	2"
MW-10	✓	0613	29.21	5.94	—	—	N/S	2"
MW-11	✓	0617	27.52	5.80	—	—	N/S	2"
MW-7	✓	0620	29.15	5.20	—	—	N/S	2"
MW-8	✓	0623	29.55	5.52	—	—	N/S	2"
MW-3	✓	0628	19.88	5.28	—	—	0757	2"
MW-4	✓	0632	17.17	4.99	—	—	0824	2"
MW-5	✓	0641	20.28	4.98	—	—	0855	2"
MW-6	✓	0650	20.09	5.04	—	—	0930	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0843 Project No.: 181816 Date: 4/26/11

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 5.04 Depth to Product (feet): —

Total Depth (feet) 20.09 LPH & Water Recovered (gallons): —

Water Column (feet): 15.05 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.05 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							6.14	206	
0915			3	547.5	15.7	6.59	3.69	208	
			6	539.6	16.7	6.49	3.31	210	
	0920		9	548.4	17.3	6.36	3.03	213	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.05	9	0930

Comments:

Well No. Purge Method:

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

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

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

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

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

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0043 Project No.: 181816 Date: 4/26/11

Well No. MW-1 Purge Method: Sub

Depth to Water (feet): 5.95 Depth to Product (feet): —

Total Depth (feet) 20.17 LPH & Water Recovered (gallons): —

Water Column (feet): 14.22 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.79 1 Well Volume (gallons): 3.

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							5.82	184	
0714			3	439.1	14.8	6.13	4.48	190	
			6	443.7	16.0	6.12	3.52	192	
	0719		9	484.2	16.4	6.07	3.17	197	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.12	9	0727

Comments:

Well No. MW-3 Purge Method: Sub

Depth to Water (feet): 5.28 Depth to Product (feet): —

Total Depth (feet) 19.88 LPH & Water Recovered (gallons): —

Water Column (feet): 14.60 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.20 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.60	219	
0744			3	622.4	16.4	6.38	1.92	220	
			6	684.3	17.1	6.38	1.60	220	
	0749		9	703.2	17.5	6.42	1.37	218	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.20	9	0757

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0843 Project No.: 181816 Date: 4/26/11

Well No. MW-4 Purge Method: Sub

Depth to Water (feet): 4.99 Depth to Product (feet): —

Total Depth (feet) 17.17 LPH & Water Recovered (gallons): —

Water Column (feet): 12.18 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 7.43 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							5.81	213	
0807			3	755.9	16.6	6.76	5.02	212	
			6	828.1	16.9	6.82	5.21	206	
	0816		9	916.8	17.5	6.88	5.69	201	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.43	9	0824

Comments:

Well No. MW-5 Purge Method: Sub

Depth to Water (feet): 4.98 Depth to Product (feet): —

Total Depth (feet) 20.28 LPH & Water Recovered (gallons): —

Water Column (feet): 15.30 Casing Diameter (Inches): 2

80% Recharge Depth(feet): ~~12.52~~ 8.04 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							5.65	198	
0842			3	625.1	16.2	6.88	4.66	202	
			6	622.9	16.9	6.54	3.72	205	
	0847		9	630.4	17.3	6.39	3.13	208	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.81	9	0855

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 05/09/2011

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 0843
BC Work Order: 1106413
Invoice ID: B099900

Enclosed are the results of analyses for samples received by the laboratory on 4/25/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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

Table of Contents

CHK BY	DISTRIBUTION
MM	WHT, YLW, PNK; SUB-OUT ☐

(FT) SHORT HOLDING TIME: (Cr+6) NO2 (NO3) OP SS (DO) Cl2 BOD MBAS COT

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

CHAIN OF CUSTODY

Analysis Requested

1106413

Bill to: Conoco Phillips/ TRC	Consultant Firm: TRC
Address: 1629 Webster st.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Alameda	4-digit site#: 0843 Workorder # 02807-4514547883
State: CA Zip:	Project #: 181816
Conoco Phillips Mgr: Bill Borgh	Sampler Name: A. Vidrers / J. Lewis

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	# of containers	BTEX/MTBE by 8021B, Gas by 8015	[redacted] Total Manganese by 200.8	[redacted] Total Chromium by 6010	[redacted] Ferrous Iron by 3500FE+D	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B / ORP by ASTM D1498	TPH-G by GC/MS / EDB, EDC by 8260B	Specific conductance by 120.1, DO by SM4500-O	Sulfate by 300.0, Nitrate by 300.0, TOC by 415.1	Dissolved Chromium by 6010, Chromium VI by 7196, Dissolved Manganese by 200.8	Turnaround Time Requested / Dissolved + Total Vanadium by 200.8 per Adrienne MMM/lsg
	-1	MW-9	4/25/11 0745	10		X	X	X	X	X	X	X	X	X	STD
	-2	MW-11	↓ 0811	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	-3	MW-7	0900												
	-4	MW-8	0918												
	-5	MW-1AR	0734												
	-6	MW-1BR	0800												
	-7	MW-10	0830												

Comments: Please preserve w/ HCl for Ferrous Iron analysis on wells MW-7, MW-8, MW-10. Samples were collected in unpreserved 16oz. poly.

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by:	Date & Time
[signature]	stored in cooler on ice	4/25/11 1200
[signature]	Ross Dickey	4-25-11 1405
Ross Dickey 4-25-11	R. [signature]	4-25-11 1618

R. [signature] 4-25-11 1930 Maria M 4-25-11 1930

Chain of Custody and Cooler Receipt Form for 1106413 Page 2 of 4

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 05/24/08 Page 1 Of 3

Submission #: 1106413

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.98 Container: VOA Thermometer ID: 163 Date/Time 4-25-11

Temperature: A 5.4 °C / C 5.4 °C Analyst Init MM 1930

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL			B							
PT PE UNPRESERVED				C						
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS	(D)	(D)		E						
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
1oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON	E	E	F	F						
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
P1A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	AB	AB						
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 515										
QT EPA 515 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER	FG	FG	GH	GH						
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON	H	H								
ENCORE										

Comments:

Sample Numbering Completed By: VDM Date/Time: 4/25/11 2012

A = Actual / C = Corrected

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

Chain of Custody and Cooler Receipt Form for 1106413 Page 3 of 4

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 05/24/08 Page 2 Of 3

Submission #: 1106413

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

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

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

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

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

COC Received ☑YES ☐ NO

Emissivity: 0.95 Container: GLASS Thermometer ID: 163

Temperature: A 1.4 °C / C 1.6 °C

Date/Time 4-25-11

Analyst Init MM 1930

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	B	B		B	B	B	B			
PT PE UNPRESERVED			C				C			
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS			DE	D	CD	CD	D			
PT CYANIDE			1420 4-25-11							
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
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						H				
ENCORE										

Comments:
Sample Numbering Completed By: JDW Date/Time: 4/25/11 2012
A = Actual / C = Corrected

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

Chain of Custody and Cooler Receipt Form for 1106413 Page 4 of 4

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 3 Of 3

Submission #: 1106413

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: DPC Thermometer ID: 163 Date/Time 4-25-11

Temperature: A 2.4 °C / C 2.4 °C Analyst Init MM 1950

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS							E			
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE					E	EA	F			
PT TOTAL ORGANIC CARBON						JRW 4/25				
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL					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					FG	FG	GH			
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON					H					
ENCORE										

Comments:

Sample Numbering Completed By: JRW Date/Time: 4/25/11 2012

A = Actual / C = Corrected

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

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1106413-01	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 07:45
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-9	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-9
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106413-02	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 08:11
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-11	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-11
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106413-03	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 09:00
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-7	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-7
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1106413-04	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 09:18
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-8	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-8
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106413-05	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 07:34
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1AR	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-1AR
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106413-06	**COC Number:**	---	**Receive Date:** 04/25/2011 19:30
	Project Number:	0843	**Sampling Date:** 04/25/2011 08:00
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1BR	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-1BR
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information

1106413-07

COC Number: ---
Project Number: 0843
Sampling Location: ---
Sampling Point: MW-10
Sampled By: TRCI

Receive Date: 04/25/2011 19:30
Sampling Date: 04/25/2011 08:30
Sample Depth: ---
Lab Matrix: Water
Sample Type: Groundwater
Metal Analysis: 2-Lab Filtered and Acidified
Delivery Work Order:
Global ID: T0600102263
Location ID (FieldPoint): MW-10
Matrix: W
Sample QC Type (SACode): CS
Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-01 | **Client Sample Name:** 0843, MW-9, 4/25/2011 7:45:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**30**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	98.1	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/04/11 18:42	KEA	MS-V12	1	BUE0248

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-01 | **Client Sample Name:** 0843, MW-9, 4/25/2011 7:45:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**12**	**mg/L**	**0.44**	**EPA-300.0**	**ND**		1
Sulfate	**34**	**mg/L**	**1.0**	**EPA-300.0**	**ND**		1
Electrical Conductivity @ 25 C	**678**	**umhos/cm**	**1.00**	**EPA-120.1**			2
Iron (II) Species	ND	ug/L	500	SM-3500-FeD	ND	A10	3
Non-Volatile Organic Carbon	**2.2**	**mg/L**	**0.30**	**EPA-415.1**	**ND**		4
Dissolved Oxygen	**6.9**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**316.3**	**mV**	**-1000**	**ASTM-D1498**			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 01:27	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 14:58	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	5	BUD1571
4	EPA-415.1	04/26/11	04/26/11 17:32	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 08:40	RML	MET-1	1	BUD1686

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-01 | **Client Sample Name:** 0843, MW-9, 4/25/2011 7:45:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**6.5**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**11**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**54**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**770**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**24**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:24	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 10:47	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 00:41	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:32	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:21	PPS	PE-EL1	1	BUD1862

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-02 | **Client Sample Name:** 0843, MW-11, 4/25/2011 8:11:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	25	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	25	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	25	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	25	EPA-8260	ND	A01	1
Methyl t-butyl ether	**3000**	**ug/L**	**25**	**EPA-8260**	**ND**	**A01**	1
Toluene	ND	ug/L	25	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	50	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	25	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	500	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	25	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	12000	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	25	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**3100**	**ug/L**	**2500**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	96.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.1	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 12:29	KEA	MS-V12	50	BUE0248

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-02 | **Client Sample Name:** 0843, MW-11, 4/25/2011 8:11:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	6.4	mg/L	0.44	EPA-300.0	ND		1
Sulfate	21	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	749	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	100	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	3.1	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.6	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	542.7	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 01:41	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 15:04	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	1	BUD1571
4	EPA-415.1	04/26/11	04/26/11 18:27	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 08:49	RML	MET-1	1	BUD1686

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-02 | **Client Sample Name:** 0843, MW-11, 4/25/2011 8:11:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**370**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**12**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1000**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**8.7**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:24	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 10:49	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 00:44	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:34	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:24	PPS	PE-EL1	1	BUD1862

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-03 | **Client Sample Name:** 0843, MW-7, 4/25/2011 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	10	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	10	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	10	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	10	EPA-8260	ND	A01	1
Methyl t-butyl ether	**9900**	**ug/L**	**100**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	10	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	20	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	10	EPA-8260	ND	A01	1
t-Butyl alcohol	**1400**	**ug/L**	**200**	**EPA-8260**	**ND**	**A01**	1
Diisopropyl ether	ND	ug/L	10	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	5000	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	10	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**6000**	**ug/L**	**1000**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	97.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 13:06	KEA	MS-V12	20	BUE0248
2	EPA-8260	05/04/11	05/04/11 17:27	KEA	MS-V12	200	BUE0248

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-03 | **Client Sample Name:** 0843, MW-7, 4/25/2011 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	3.0	mg/L	0.44	EPA-300.0	ND		1
Sulfate	40	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	692	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	1100	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	5.4	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	8.8	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	101.0	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 01:55	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 15:09	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	1	BUD1571
4	EPA-415.1	04/26/11	04/26/11 18:40	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 08:53	RML	MET-1	1	BUD1686

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Project: 0843
Project Number: 4514547883
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Water Analysis (Metals)

BCL Sample ID: 1106413-03 | **Client Sample Name:** 0843, MW-7, 4/25/2011 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**960**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**12**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1100**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**12**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:25	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 10:55	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 00:47	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:36	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:27	PPS	PE-EL1	1	BUD1862

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-04 | **Client Sample Name:** 0843, MW-8, 4/25/2011 9:18:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Methyl t-butyl ether	**6000**	**ug/L**	**50**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	10	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	100	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	2500	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**3700**	**ug/L**	**500**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	97.3	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	94.2	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 12:48	KEA	MS-V12	10	BUE0248
2	EPA-8260	05/04/11	05/04/11 16:50	KEA	MS-V12	100	BUE0248

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-04 | **Client Sample Name:** 0843, MW-8, 4/25/2011 9:18:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	5.6	mg/L	0.44	EPA-300.0	ND		1
Sulfate	56	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	685	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	160	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	3.2	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	8.2	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	250.5	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 02:39	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 15:15	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	1	BUD1571
4	EPA-415.1	04/26/11	04/26/11 18:54	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 08:57	RML	MET-1	1	BUD1686

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-04 | **Client Sample Name:** 0843, MW-8, 4/25/2011 9:18:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**780**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**14**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1200**	**ug/L**	**2.0**	**EPA-200.8**	**ND**	**A01**	5
Total Recoverable Vanadium	**14**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:25	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 10:57	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 00:56	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:38	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 14:22	PPS	PE-EL1	2	BUD1862
6	EPA-200.8	04/29/11	05/05/11 01:30	PPS	PE-EL1	1	BUD1862

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-05 | **Client Sample Name:** 0843, MW-1AR, 4/25/2011 7:34:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**27**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.0	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.7	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/04/11 18:23	KEA	MS-V12	1	BUE0248

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-05 | **Client Sample Name:** 0843, MW-1AR, 4/25/2011 7:34:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**23**	**mg/L**	**0.44**	**EPA-300.0**	**ND**		1
Sulfate	**31**	**mg/L**	**1.0**	**EPA-300.0**	**ND**		1
Electrical Conductivity @ 25 C	**470**	**umhos/cm**	**1.00**	**EPA-120.1**			2
Iron (II) Species	ND	ug/L	500	SM-3500-FeD	ND	A10	3
Non-Volatile Organic Carbon	**1.8**	**mg/L**	**0.30**	**EPA-415.1**	**ND**		4
Dissolved Oxygen	**8.0**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**294.1**	**mV**	**-1000**	**ASTM-D1498**			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 02:53	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 15:21	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	5	BUD1571
4	EPA-415.1	04/26/11	04/26/11 19:35	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 09:03	RML	MET-1	1	BUD1686

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-05 | **Client Sample Name:** 0843, MW-1AR, 4/25/2011 7:34:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**2.0**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**100**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**14**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**270**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**9.8**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:25	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 10:59	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 00:59	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:40	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:33	PPS	PE-EL1	1	BUD1862

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-06 | **Client Sample Name:** 0843, MW-1BR, 4/25/2011 8:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**66**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**68**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	96.0	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/04/11 18:05	KEA	MS-V12	1	BUE0248

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-06 | **Client Sample Name:** 0843, MW-1BR, 4/25/2011 8:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**26**	**mg/L**	**0.44**	**EPA-300.0**	**ND**		1
Sulfate	**26**	**mg/L**	**1.0**	**EPA-300.0**	**ND**		1
Electrical Conductivity @ 25 C	**485**	**umhos/cm**	**1.00**	**EPA-120.1**			2
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	**1.5**	**mg/L**	**0.30**	**EPA-415.1**	**ND**		4
Dissolved Oxygen	**8.7**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**370.9**	**mV**	**-1000**	**ASTM-D1498**			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 03:07	LD1	IC5	1	BUD1594
2	EPA-120.1	04/26/11	04/26/11 15:27	RML	MET-1	1	BUD1630
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	1	BUD1571
4	EPA-415.1	04/26/11	04/26/11 19:48	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 09:07	RML	MET-1	1	BUD1686

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-06 | **Client Sample Name:** 0843, MW-1BR, 4/25/2011 8:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**2.5**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**85**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**16**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**150**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**9.8**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:28	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 11:01	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 01:02	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:42	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:36	PPS	PE-EL1	1	BUD1862

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106413-07 | **Client Sample Name:** 0843, MW-10, 4/25/2011 8:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**2.2**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	97.0	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.9	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/04/11 17:46	KEA	MS-V12	1	BUE0248

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106413-07 | **Client Sample Name:** 0843, MW-10, 4/25/2011 8:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**18**	**mg/L**	**0.44**	**EPA-300.0**	**ND**		1
Sulfate	**30**	**mg/L**	**1.0**	**EPA-300.0**	**ND**		1
Electrical Conductivity @ 25 C	**549**	**umhos/cm**	**1.00**	**EPA-120.1**			2
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	**1.9**	**mg/L**	**0.30**	**EPA-415.1**	**ND**		4
Dissolved Oxygen	**8.0**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**344.9**	**mV**	**-1000**	**ASTM-D1498**			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/25/11	04/26/11 03:22	LD1	IC5	1	BUD1594
2	EPA-120.1	04/27/11	04/27/11 16:57	RML	MET-1	1	BUD1702
3	SM-3500-FeD	04/26/11	04/26/11 01:00	MRM	SPEC05	1	BUD1571
4	EPA-415.1	04/26/11	04/26/11 20:02	CDR	TOC2	1	BUD1719
5	SM-4500OG	04/26/11	04/26/11 07:20	HPR	YSI-57	1	BUD1652
6	ASTM-D1498	04/26/11	04/26/11 09:14	RML	MET-1	1	BUD1686

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106413-07 | **Client Sample Name:** 0843, MW-10, 4/25/2011 8:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**12**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	**12**	**ug/L**	**10**	**EPA-6010B**	**ND**		2
Dissolved Manganese	**8.2**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**20**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**120**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**5.8**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/25/11	04/25/11 21:28	TDC	KONE-1	1	BUD1582
2	EPA-6010B	04/26/11	04/27/11 11:03	ARD	PE-OP1	1	BUD1603
3	EPA-200.8	04/25/11	05/06/11 01:05	PPS	PE-EL1	1	BUE0358
4	EPA-6010B	04/28/11	04/29/11 08:44	ARD	PE-OP1	1	BUD1759
5	EPA-200.8	04/29/11	05/05/11 01:39	PPS	PE-EL1	1	BUD1862

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUE0248						
Benzene	BUE0248-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUE0248-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUE0248-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUE0248-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUE0248-BLK1	ND	ug/L	0.50		
Toluene	BUE0248-BLK1	ND	ug/L	0.50		
Total Xylenes	BUE0248-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUE0248-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUE0248-BLK1	ND	ug/L	10		
Diisopropyl ether	BUE0248-BLK1	ND	ug/L	0.50		
Ethanol	BUE0248-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUE0248-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUE0248-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUE0248-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUE0248-BLK1	98.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUE0248-BLK1	98.4	%	86 - 115 (LCL - UCL)		

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Reported: 05/09/2011 10:46
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUE0248										
Benzene	BUE0248-BS1	LCS	20.320	25.000	ug/L	81.3		70 - 130		
Toluene	BUE0248-BS1	LCS	23.260	25.000	ug/L	93.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BUE0248-BS1	LCS	10.300	10.000	ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BUE0248-BS1	LCS	10.120	10.000	ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUE0248-BS1	LCS	9.9400	10.000	ug/L	99.4		86 - 115		

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUE0248	Used client sample: N										
Benzene	MS	1105230-85	ND	22.340	25.000	ug/L		89.4		70 - 130	
	MSD	1105230-85	ND	22.480	25.000	ug/L	0.6	89.9	20	70 - 130	
Toluene	MS	1105230-85	ND	25.860	25.000	ug/L		103		70 - 130	
	MSD	1105230-85	ND	27.300	25.000	ug/L	5.4	109	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1105230-85	ND	9.7800	10.000	ug/L		97.8		76 - 114	
	MSD	1105230-85	ND	10.040	10.000	ug/L	2.6	100		76 - 114	
Toluene-d8 (Surrogate)	MS	1105230-85	ND	10.060	10.000	ug/L		101		88 - 110	
	MSD	1105230-85	ND	10.140	10.000	ug/L	0.8	101		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1105230-85	ND	9.7200	10.000	ug/L		97.2		86 - 115	
	MSD	1105230-85	ND	10.210	10.000	ug/L	4.9	102		86 - 115	

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Reported: 05/09/2011 10:46
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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUD1571						
Iron (II) Species	BUD1571-BLK1	ND	ug/L	100		
QC Batch ID: BUD1594						
Nitrate as NO3	BUD1594-BLK1	ND	mg/L	0.44		
Sulfate	BUD1594-BLK1	ND	mg/L	1.0		
QC Batch ID: BUD1719						
Non-Volatile Organic Carbon	BUD1719-BLK1	ND	mg/L	0.30		

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Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUD1571										
Iron (II) Species	BUD1571-BS1	LCS	2027.8	2000.0	ug/L	101		90 - 110		
QC Batch ID: BUD1594										
Nitrate as NO3	BUD1594-BS1	LCS	22.063	22.134	mg/L	99.7		90 - 110		
Sulfate	BUD1594-BS1	LCS	98.405	100.00	mg/L	98.4		90 - 110		
QC Batch ID: BUD1630										
Electrical Conductivity @ 25 C	BUD1630-BS1	LCS	307.60	303.00	umhos/cm	102		90 - 110		
QC Batch ID: BUD1702										
Electrical Conductivity @ 25 C	BUD1702-BS1	LCS	298.30	303.00	umhos/cm	98.4		90 - 110		
QC Batch ID: BUD1719										
Non-Volatile Organic Carbon	BUD1719-BS1	LCS	5.1490	5.0000	mg/L	103		85 - 115		

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Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUD1571	Used client sample: Y - Description: MW-9, 04/25/2011 07:45										
Iron (II) Species	DUP	1106413-01	ND	ND		ug/L			10		
QC Batch ID: BUD1594	Used client sample: N										
Nitrate as NO3	DUP	1106396-01	33.081	32.727		mg/L	1.1		10		
	MS	1106396-01	33.081	57.955	22.358	mg/L		111		80 - 120	
	MSD	1106396-01	33.081	57.428	22.358	mg/L	0.9	109	10	80 - 120	
Sulfate	DUP	1106396-01	89.274	88.753		mg/L	0.6		10		
	MS	1106396-01	89.274	206.32	101.01	mg/L		116		80 - 120	
	MSD	1106396-01	89.274	205.22	101.01	mg/L	0.5	115	10	80 - 120	
QC Batch ID: BUD1630	Used client sample: N										
Electrical Conductivity @ 25 C	DUP	1106410-01	1180.0	1184.0		umhos/cm	0.3		10		
QC Batch ID: BUD1652	Used client sample: Y - Description: MW-9, 04/25/2011 07:45										
Dissolved Oxygen	DUP	1106413-01	6.9000	6.9000		mg O/L	0		10		
QC Batch ID: BUD1686	Used client sample: Y - Description: MW-9, 04/25/2011 07:45										
Oxidation Reduction Potential (Eobs_Ag/	DUP	1106413-01	316.28	321.40		mV	1.6		10		
QC Batch ID: BUD1702	Used client sample: N										
Electrical Conductivity @ 25 C	DUP	1106238-01	1127.0	1153.0		umhos/cm	2.3		10		
QC Batch ID: BUD1719	Used client sample: Y - Description: MW-9, 04/25/2011 07:45										
Non-Volatile Organic Carbon	DUP	1106413-01	2.1520	2.1630		mg/L	0.5		10		
	MS	1106413-01	2.1520	7.0965	5.0251	mg/L		98.4		80 - 120	
	MSD	1106413-01	2.1520	7.1920	5.0251	mg/L	1.3	100	10	80 - 120	

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Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUD1582						
Hexavalent Chromium	BUD1582-BLK1	ND	ug/L	2.0		
QC Batch ID: BUD1603						
Dissolved Chromium	BUD1603-BLK1	ND	ug/L	10		
QC Batch ID: BUD1759						
Total Chromium	BUD1759-BLK1	ND	ug/L	10		
QC Batch ID: BUD1862						
Total Recoverable Manganese	BUD1862-BLK1	ND	ug/L	1.0		
Total Recoverable Vanadium	BUD1862-BLK1	ND	ug/L	3.0		
QC Batch ID: BUE0358						
Dissolved Manganese	BUE0358-BLK1	ND	ug/L	1.0		
Dissolved Vanadium	BUE0358-BLK1	ND	ug/L	3.0		

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Reported: 05/09/2011 10:46
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Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUD1582										
Hexavalent Chromium	BUD1582-BS1	LCS	47.996	50.000	ug/L	96.0		85 - 115		
QC Batch ID: BUD1603										
Dissolved Chromium	BUD1603-BS1	LCS	201.77	200.00	ug/L	101		85 - 115		
QC Batch ID: BUD1759										
Total Chromium	BUD1759-BS1	LCS	201.41	200.00	ug/L	101		85 - 115		
QC Batch ID: BUD1862										
Total Recoverable Manganese	BUD1862-BS1	LCS	98.518	100.00	ug/L	98.5		85 - 115		
Total Recoverable Vanadium	BUD1862-BS1	LCS	37.939	40.000	ug/L	94.8		85 - 115		
QC Batch ID: BUE0358										
Dissolved Manganese	BUE0358-BS1	LCS	97.679	100.00	ug/L	97.7		85 - 115		
Dissolved Vanadium	BUE0358-BS1	LCS	39.395	40.000	ug/L	98.5		85 - 115		

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUD1582	Used client sample: Y - Description: MW-9, 04/25/2011 07:45										
Hexavalent Chromium	DUP	1106413-01	6.4990	6.5710		ug/L	1.1		10		
	MS	1106413-01	6.4990	56.604	52.632	ug/L		95.2		85 - 115	
	MSD	1106413-01	6.4990	56.726	52.632	ug/L	0.2	95.4	10	85 - 115	
QC Batch ID: BUD1603	Used client sample: N										
Dissolved Chromium	DUP	1106395-01	85.345	86.137		ug/L	0.9		20		
	MS	1106395-01	85.345	299.18	204.08	ug/L		105		75 - 125	
	MSD	1106395-01	85.345	297.94	204.08	ug/L	0.4	104	20	75 - 125	
QC Batch ID: BUD1759	Used client sample: N										
Total Chromium	DUP	1106348-01	ND	ND		ug/L			20		
	MS	1106348-01	ND	210.61	200.00	ug/L		105		75 - 125	
	MSD	1106348-01	ND	208.67	200.00	ug/L	0.9	104	20	75 - 125	
QC Batch ID: BUD1862	Used client sample: N										
Total Recoverable Manganese	DUP	1106348-01	310.43	314.60		ug/L	1.3		20		
	MS	1106348-01	310.43	397.95	100.00	ug/L		87.5		70 - 130	
	MSD	1106348-01	310.43	396.21	100.00	ug/L	0.4	85.8	20	70 - 130	
Total Recoverable Vanadium	DUP	1106348-01	ND	ND		ug/L			20		
	MS	1106348-01	ND	44.410	40.000	ug/L		111		70 - 130	
	MSD	1106348-01	ND	43.560	40.000	ug/L	1.9	109	20	70 - 130	
QC Batch ID: BUE0358	Used client sample: N										
Dissolved Manganese	DUP	1106396-02	1.0970	1.0330		ug/L	6.0		20		
	MS	1106396-02	1.0970	94.426	102.04	ug/L		91.5		70 - 130	
	MSD	1106396-02	1.0970	93.769	102.04	ug/L	0.7	90.8	20	70 - 130	
Dissolved Vanadium	DUP	1106396-02	8.2880	7.7200		ug/L	7.1		20		
	MS	1106396-02	8.2880	45.228	40.816	ug/L		90.5		70 - 130	
	MSD	1106396-02	8.2880	45.834	40.816	ug/L	1.3	92.0	20	70 - 130	

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Reported: 05/09/2011 10:46
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

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.
A10	PQL's and MDL's were raised due to matrix interference.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.
S05	The sample holding time was exceeded.

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 05/13/2011

Anju Farfan

TRC
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Irvine, CA 92618

RE: 0843
BC Work Order: 1106489
Invoice ID: B100309

Enclosed are the results of analyses for samples received by the laboratory on 4/26/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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

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CHK-BY DISTRIBUTION SUB-OUT

SHORT HOLDING TIME: Cr^{+6} NO_2 NO_3 OP SS DO Cl_2 BOD MBAS COT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

110489

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 1629 Webster St.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Alameda	**4-digit site#:** 0843
	Workorder # 02807-45/4547883
State: CA **Zip:**	**Project #:** 18/8/6
Conoco Phillips Mgr: Bill Bergh	**Sampler Name:** A. Viders

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	Ferrous Iron by 3500FE+D	Dissolved Vanadium by 200.8	Total Manganese by 200.8	Total Vanadium by 200.8	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B; ORP by ASTM D1498	TPH-G by GC/MS, EDB/EDC by 8260B	Specific Conductance by 120.1; DO by SM4500-O	Chromium VI by 7196, Dissolved Chrom. by 6010 Total Chromium by 6010	Sulfate by 300.0, Nitrate by 300.0 Dissolved Manganese by 200.8, TOC by 415.1	Turnaround Time Requested
	1	MW-1	4/26/11 0127	10	X	X	X	X	X	X	X	X	X	X	STD
	2	MW-3	0757	6											
	3	MW-4	0824	6											
	4	MW-5	0855	8									X		
	5	MW-6	0930	8									X		

Comments:

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by:	Date & Time
	Ross Dudley	4.26.11 1550
Ross Dudley 4.26.11	R Runyan	4.26.11 1815
R Runyan 4.26.11 2115		4.26.11 2115

Chain of Custody and Cooler Receipt Form for 1106489 Page 2 of 3

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 Of 3

Submission #: 1106489

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: Other Thermometer ID: 103

Temperature: A 1.9 °C / C 1.9 °C

Date/Time 4-26-11 2131

Analyst Init JDW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	B	B	B	B	B					
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	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	GH	CD	CD	EF	EF					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: JDW Date/Time: 4/26/11 2155

A = Actual / C = Corrected

(H:\DOCSWP80\LAB_DOCS\FORMS\SAMREC2.WPD)

Chain of Custody and Cooler Receipt Form for 1106489 Page 3 of 3

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

Submission #: 1106489

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: QT A Thermometer ID: 1103

Temperature: A 2.4 °C / C 2.5 °C

Date/Time 4-26-11 2131

Analyst Init JNW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED	C			C	C					
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS	DE			D	D					
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
1oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON	F									
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
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: JNW Date/Time: 4/26/11 2155
A = Actual / C = Corrected

(H:\DOCS\WP8\LAB_DOCS\FORMS\SMREC2.WPD)

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1106489-01	**COC Number:**	---	**Receive Date:** 04/26/2011 21:15
	Project Number:	0843	**Sampling Date:** 04/26/2011 07:27
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Metal Analysis: 2-Lab Filtered and Acidified
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-1
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106489-02	**COC Number:**	---	**Receive Date:** 04/26/2011 21:15
	Project Number:	0843	**Sampling Date:** 04/26/2011 07:57
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-3	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-3
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1106489-03	**COC Number:**	---	**Receive Date:** 04/26/2011 21:15
	Project Number:	0843	**Sampling Date:** 04/26/2011 08:24
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-4	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Groundwater
			Delivery Work Order:
			Global ID: T0600102263
			Location ID (FieldPoint): MW-4
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1106489-04	**COC Number:**	---	**Receive Date:**	04/26/2011 21:15
	Project Number:	0843	**Sampling Date:**	04/26/2011 08:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-5	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Metal Analysis: 2-Lab Filtered and Acidified			
	Delivery Work Order:			
	Global ID: T0600102263			
	Location ID (FieldPoint): MW-5			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1106489-05	**COC Number:**	---	**Receive Date:**	04/26/2011 21:15
	Project Number:	0843	**Sampling Date:**	04/26/2011 09:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-6	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Metal Analysis: 2-Lab Filtered and Acidified			
	Delivery Work Order:			
	Global ID: T0600102263			
	Location ID (FieldPoint): MW-6			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106489-01 | **Client Sample Name:** 0843, MW-1, 4/26/2011 7:27:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND	A01	1
Methyl t-butyl ether	**410**	**ug/L**	**5.0**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	0.50	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	250	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**270**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	93.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	96.3	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	95.1	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.7	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 15:53	KEA	MS-V12	1	BUE0246
2	EPA-8260	05/04/11	05/05/11 06:51	KEA	MS-V12	10	BUE0246

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106489-01 | **Client Sample Name:** 0843, MW-1, 4/26/2011 7:27:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	**22**	**mg/L**	**0.44**	**EPA-300.0**	**ND**		1
Sulfate	**29**	**mg/L**	**1.0**	**EPA-300.0**	**ND**		1
Electrical Conductivity @ 25 C	**508**	**umhos/cm**	**1.00**	**EPA-120.1**			2
Iron (II) Species	ND	ug/L	500	SM-3500-FeD	ND	A10	3
Non-Volatile Organic Carbon	**1.8**	**mg/L**	**0.30**	**EPA-415.1**	**ND**		4
Dissolved Oxygen	**8.5**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**280.3**	**mV**	**-1000**	**ASTM-D1498**			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/27/11	04/27/11 12:03	LD1	IC1	1	BUD1664
2	EPA-120.1	04/27/11	04/27/11 13:38	RML	MET-1	1	BUD1699
3	SM-3500-FeD	04/27/11	04/27/11 03:30	MRM	SPEC05	5	BUD1638
4	EPA-415.1	05/01/11	05/01/11 20:18	CDR	TOC2	1	BUD1725
5	SM-4500OG	04/27/11	04/27/11 07:35	HPR	YSI-57	1	BUD1738
6	ASTM-D1498	04/27/11	04/27/11 09:51	RML	MET-1	1	BUD1704

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106489-01 | **Client Sample Name:** 0843, MW-1, 4/26/2011 7:27:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**2.6**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Dissolved Vanadium	ND	ug/L	3.0	EPA-200.8	ND		3
Total Chromium	**110**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**650**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5
Total Recoverable Vanadium	**55**	**ug/L**	**3.0**	**EPA-200.8**	**ND**		6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/26/11	04/26/11 22:57	LRS	KONE-1	1	BUD1644
2	EPA-6010B	04/27/11	04/28/11 13:14	ARD	PE-OP1	1	BUD1680
3	EPA-200.8	04/27/11	05/10/11 00:53	PPS	PE-EL1	1	BUE0547
4	EPA-6010B	04/29/11	05/02/11 07:52	ARD	PE-OP1	1	BUD1865
5	EPA-200.8	05/11/11	05/12/11 16:09	PPS	PE-EL1	1	BUE0703
6	EPA-200.8	05/06/11	05/09/11 21:39	PPS	PE-EL1	1	BUE0451

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106489-02 | **Client Sample Name:** 0843, MW-3, 4/26/2011 7:57:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**1.0**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.4	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 08:06	KEA	MS-V12	1	BUE0246

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106489-02 | **Client Sample Name:** 0843, MW-3, 4/26/2011 7:57:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Electrical Conductivity @ 25 C	**621**	**umhos/cm**	**1.00**	**EPA-120.1**			1
Dissolved Oxygen	**6.1**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	2
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**289.0**	**mV**	**-1000**	**ASTM-D1498**			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-120.1	04/27/11	04/27/11 13:44	RML	MET-1	1	BUD1699
2	SM-4500OG	04/27/11	04/27/11 07:35	HPR	YSI-57	1	BUD1739
3	ASTM-D1498	04/27/11	04/27/11 09:57	RML	MET-1	1	BUD1704

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106489-03 | **Client Sample Name:** 0843, MW-4, 4/26/2011 8:24:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	86.2	%	88 - 110 (LCL - UCL)	EPA-8260		S09	1
4-Bromofluorobenzene (Surrogate)	92.5	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 07:47	KEA	MS-V12	1	BUE0246

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106489-03 | **Client Sample Name:** 0843, MW-4, 4/26/2011 8:24:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Electrical Conductivity @ 25 C	**683**	**umhos/cm**	**1.00**	**EPA-120.1**			1
Dissolved Oxygen	**8.8**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	2
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**284.0**	**mV**	**-1000**	**ASTM-D1498**			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-120.1	04/27/11	04/27/11 14:04	RML	MET-1	1	BUD1700
2	SM-4500OG	04/27/11	04/27/11 07:35	HPR	YSI-57	1	BUD1739
3	ASTM-D1498	04/27/11	04/27/11 10:01	RML	MET-1	1	BUD1705

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 05/13/2011 16:39
Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106489-04 | **Client Sample Name:** 0843, MW-5, 4/26/2011 8:55:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.3	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	92.2	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 07:28	KEA	MS-V12	1	BUE0246

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1106489-04 | **Client Sample Name:** 0843, MW-5, 4/26/2011 8:55:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Electrical Conductivity @ 25 C	**632**	**umhos/cm**	**1.00**	**EPA-120.1**			1
Dissolved Oxygen	**8.6**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	2
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**317.6**	**mV**	**-1000**	**ASTM-D1498**			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-120.1	04/27/11	04/27/11 14:16	RML	MET-1	1	BUD1700
2	SM-4500OG	04/27/11	04/27/11 07:35	HPR	YSI-57	1	BUD1739
3	ASTM-D1498	04/27/11	04/27/11 10:13	RML	MET-1	1	BUD1705

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1106489-04 | **Client Sample Name:** 0843, MW-5, 4/26/2011 8:55:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Total Chromium	**120**	**ug/L**	**10**	**EPA-6010B**	**ND**		3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/26/11	04/26/11 22:36	LRS	KONE-1	1	BUD1644
2	EPA-6010B	04/27/11	04/28/11 13:16	ARD	PE-OP1	1	BUD1680
3	EPA-6010B	04/29/11	05/02/11 07:54	ARD	PE-OP1	1	BUD1865

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Project: 0843
Project Number: 4514547883
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1106489-05 | **Client Sample Name:** 0843, MW-6, 4/26/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**130**	**ug/L**	**1.0**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	**110**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	95.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.7	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	95.4	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	05/04/11	05/05/11 07:10	KEA	MS-V12	1	BUE0246
2	EPA-8260	05/04/11	05/05/11 15:34	KEA	MS-V12	2	BUE0246

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Water Analysis (General Chemistry)

BCL Sample ID: 1106489-05 | **Client Sample Name:** 0843, MW-6, 4/26/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Electrical Conductivity @ 25 C	**531**	**umhos/cm**	**1.00**	**EPA-120.1**			1
Dissolved Oxygen	**7.7**	**mg O/L**	**0.50**	**SM-4500OG**		**S05**	2
Oxidation Reduction Potential (Eobs_Ag/AgCl)	**324.7**	**mV**	**-1000**	**ASTM-D1498**			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-120.1	04/27/11	04/27/11 14:21	RML	MET-1	1	BUD1700
2	SM-4500OG	04/27/11	04/27/11 07:35	HPR	YSI-57	1	BUD1739
3	ASTM-D1498	04/27/11	04/27/11 10:17	RML	MET-1	1	BUD1705

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Water Analysis (Metals)

BCL Sample ID: 1106489-05 | **Client Sample Name:** 0843, MW-6, 4/26/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Total Chromium	**98**	**ug/L**	**10**	**EPA-6010B**	**ND**		3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	04/26/11	04/26/11 22:36	LRS	KONE-1	1	BUD1644
2	EPA-6010B	04/27/11	04/28/11 13:19	ARD	PE-OP1	1	BUD1680
3	EPA-6010B	04/29/11	05/02/11 07:55	ARD	PE-OP1	1	BUD1865

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUE0246						
Benzene	BUE0246-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUE0246-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUE0246-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUE0246-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUE0246-BLK1	ND	ug/L	0.50		
Toluene	BUE0246-BLK1	ND	ug/L	0.50		
Total Xylenes	BUE0246-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUE0246-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUE0246-BLK1	ND	ug/L	10		
Diisopropyl ether	BUE0246-BLK1	ND	ug/L	0.50		
Ethanol	BUE0246-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUE0246-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUE0246-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUE0246-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUE0246-BLK1	98.7	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUE0246-BLK1	95.8	%	86 - 115 (LCL - UCL)		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUE0246										
Benzene	BUE0246-BS1	LCS	23.110	25.000	ug/L	92.4		70 - 130		
Toluene	BUE0246-BS1	LCS	26.670	25.000	ug/L	107		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BUE0246-BS1	LCS	9.9900	10.000	ug/L	99.9		76 - 114		
Toluene-d8 (Surrogate)	BUE0246-BS1	LCS	10.210	10.000	ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUE0246-BS1	LCS	9.8900	10.000	ug/L	98.9		86 - 115		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUE0246	Used client sample: Y - Description: B-15, 04/25/2011 08:50										
Benzene	MS	1106510-01	ND	23.560	25.000	ug/L		94.2		70 - 130	
	MSD	1106510-01	ND	25.400	25.000	ug/L	7.5	102	20	70 - 130	
Toluene	MS	1106510-01	ND	24.790	25.000	ug/L		99.2		70 - 130	
	MSD	1106510-01	ND	26.680	25.000	ug/L	7.3	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1106510-01	ND	10.190	10.000	ug/L		102		76 - 114	
	MSD	1106510-01	ND	10.350	10.000	ug/L	1.6	104		76 - 114	
Toluene-d8 (Surrogate)	MS	1106510-01	ND	10.010	10.000	ug/L		100		88 - 110	
	MSD	1106510-01	ND	10.100	10.000	ug/L	0.9	101		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1106510-01	ND	9.9300	10.000	ug/L		99.3		86 - 115	
	MSD	1106510-01	ND	10.050	10.000	ug/L	1.2	100		86 - 115	

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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUD1638						
Iron (II) Species	BUD1638-BLK1	ND	ug/L	100		
QC Batch ID: BUD1664						
Nitrate as NO3	BUD1664-BLK1	ND	mg/L	0.44		
Sulfate	BUD1664-BLK1	ND	mg/L	1.0		
QC Batch ID: BUD1725						
Non-Volatile Organic Carbon	BUD1725-BLK1	ND	mg/L	0.30		

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Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUD1638										
Iron (II) Species	BUD1638-BS1	LCS	2007.8	2000.0	ug/L	100		90 - 110		
QC Batch ID: BUD1664										
Nitrate as NO3	BUD1664-BS1	LCS	21.886	22.134	mg/L	98.9		90 - 110		
Sulfate	BUD1664-BS1	LCS	99.810	100.00	mg/L	99.8		90 - 110		
QC Batch ID: BUD1699										
Electrical Conductivity @ 25 C	BUD1699-BS1	LCS	303.50	303.00	umhos/cm	100		90 - 110		
QC Batch ID: BUD1700										
Electrical Conductivity @ 25 C	BUD1700-BS1	LCS	304.80	303.00	umhos/cm	101		90 - 110		
QC Batch ID: BUD1725										
Non-Volatile Organic Carbon	BUD1725-BS1	LCS	5.1140	5.0000	mg/L	102		85 - 115		

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Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUD1638	Used client sample: Y - Description: MW-1, 04/26/2011 07:27										
Iron (II) Species	DUP	1106489-01	ND	ND		ug/L			10		
QC Batch ID: BUD1664	Used client sample: N										
Nitrate as NO3	DUP	1106496-01	32.754	32.811		mg/L	0.2		10		
	MS	1106496-01	32.754	56.135	22.358	mg/L		105		80 - 120	
	MSD	1106496-01	32.754	56.283	22.358	mg/L	0.3	105	10	80 - 120	
Sulfate	DUP	1106496-01	49.532	49.165		mg/L	0.7		10		
	MS	1106496-01	49.532	155.47	101.01	mg/L		105		80 - 120	
	MSD	1106496-01	49.532	155.34	101.01	mg/L	0.1	105	10	80 - 120	
QC Batch ID: BUD1699	Used client sample: Y - Description: MW-2, 04/26/2011 09:40										
Electrical Conductivity @ 25 C	DUP	1106466-05	1580.0	1577.0		umhos/cm	0.2		10		
QC Batch ID: BUD1700	Used client sample: Y - Description: MW-4, 04/26/2011 08:24										
Electrical Conductivity @ 25 C	DUP	1106489-03	683.30	686.90		umhos/cm	0.5		10		
QC Batch ID: BUD1704	Used client sample: Y - Description: MW-5, 04/26/2011 08:12										
Oxidation Reduction Potential (Eobs_Ag/	DUP	1106466-02	290.24	294.26		mV	1.4		10		
QC Batch ID: BUD1705	Used client sample: Y - Description: MW-4, 04/26/2011 08:24										
Oxidation Reduction Potential (Eobs_Ag/	DUP	1106489-03	284.05	287.75		mV	1.3		10		
QC Batch ID: BUD1725	Used client sample: Y - Description: MW-1, 04/26/2011 07:27										
Non-Volatile Organic Carbon	DUP	1106489-01	1.8430	1.8510		mg/L	0.4		10		
	MS	1106489-01	1.8430	6.7528	5.0251	mg/L		97.7		80 - 120	
	MSD	1106489-01	1.8430	6.7598	5.0251	mg/L	0.1	97.8	10	80 - 120	
QC Batch ID: BUD1738	Used client sample: Y - Description: MW-5, 04/26/2011 08:12										
Dissolved Oxygen	DUP	1106466-02	9.8000	9.8000		mg O/L	0		10		
QC Batch ID: BUD1739	Used client sample: Y - Description: MW-3, 04/26/2011 07:57										
Dissolved Oxygen	DUP	1106489-02	6.1000	6.0000		mg O/L	1.7		10		

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Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUD1644						
Hexavalent Chromium	BUD1644-BLK1	ND	ug/L	2.0		
QC Batch ID: BUD1680						
Dissolved Chromium	BUD1680-BLK1	ND	ug/L	10		
QC Batch ID: BUD1865						
Total Chromium	BUD1865-BLK1	ND	ug/L	10		
QC Batch ID: BUE0451						
Total Recoverable Vanadium	BUE0451-BLK1	ND	ug/L	3.0		
QC Batch ID: BUE0547						
Dissolved Manganese	BUE0547-BLK1	ND	ug/L	1.0		
Dissolved Vanadium	BUE0547-BLK1	ND	ug/L	3.0		
QC Batch ID: BUE0703						
Total Recoverable Manganese	BUE0703-BLK1	ND	ug/L	1.0		

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Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUD1644										
Hexavalent Chromium	BUD1644-BS1	LCS	49.258	50.000	ug/L	98.5		85 - 115		
QC Batch ID: BUD1680										
Dissolved Chromium	BUD1680-BS1	LCS	188.19	200.00	ug/L	94.1		85 - 115		
QC Batch ID: BUD1865										
Total Chromium	BUD1865-BS1	LCS	201.28	200.00	ug/L	101		85 - 115		
QC Batch ID: BUE0451										
Total Recoverable Vanadium	BUE0451-BS1	LCS	43.236	40.000	ug/L	108		85 - 115		
QC Batch ID: BUE0547										
Dissolved Manganese	BUE0547-BS1	LCS	107.43	100.00	ug/L	107		85 - 115		
Dissolved Vanadium	BUE0547-BS1	LCS	41.927	40.000	ug/L	105		85 - 115		
QC Batch ID: BUE0703										
Total Recoverable Manganese	BUE0703-BS1	LCS	105.86	100.00	ug/L	106		85 - 115		

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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUD1644	Used client sample: Y - Description: MW-1, 04/26/2011 07:27										
Hexavalent Chromium	DUP	1106489-01	1.8280	ND		ug/L			10		
	MS	1106489-01	1.8280	53.186	52.632	ug/L		97.6		85 - 115	
	MSD	1106489-01	1.8280	53.016	52.632	ug/L	0.3	97.3	10	85 - 115	
QC Batch ID: BUD1680	Used client sample: N										
Dissolved Chromium	DUP	1106437-01	ND	ND		ug/L			20		
	MS	1106437-01	ND	207.10	204.08	ug/L		101		75 - 125	
	MSD	1106437-01	ND	208.39	204.08	ug/L	0.6	102	20	75 - 125	
QC Batch ID: BUD1865	Used client sample: N										
Total Chromium	DUP	1106560-01	ND	ND		ug/L			20		
	MS	1106560-01	ND	210.60	200.00	ug/L		105		75 - 125	
	MSD	1106560-01	ND	205.16	200.00	ug/L	2.6	103	20	75 - 125	
QC Batch ID: BUE0451	Used client sample: N										
Total Recoverable Vanadium	DUP	1106482-01	1.4400	ND		ug/L			20		
	MS	1106482-01	1.4400	42.155	40.000	ug/L		102		70 - 130	
	MSD	1106482-01	1.4400	42.818	40.000	ug/L	1.6	103	20	70 - 130	
QC Batch ID: BUE0547	Used client sample: N										
Dissolved Manganese	DUP	1107166-04	4.0850	4.2080		ug/L	3.0		20		
	MS	1107166-04	4.0850	101.61	102.04	ug/L		95.6		70 - 130	
	MSD	1107166-04	4.0850	99.556	102.04	ug/L	2.0	93.6	20	70 - 130	
Dissolved Vanadium	DUP	1107166-04	ND	ND		ug/L			20		
	MS	1107166-04	ND	37.355	40.816	ug/L		91.5		70 - 130	
	MSD	1107166-04	ND	36.473	40.816	ug/L	2.4	89.4	20	70 - 130	
QC Batch ID: BUE0703	Used client sample: N										
Total Recoverable Manganese	DUP	106619-01RE1	25.831	24.944		ug/L	3.5		20		
	MS	106619-01RE1	25.831	133.91	100.00	ug/L		108		70 - 130	
	MSD	106619-01RE1	25.831	128.92	100.00	ug/L	3.8	103	20	70 - 130	

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Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A10	PQL's and MDL's were raised due to matrix interference.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.
S05	The sample holding time was exceeded.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells is accumulated at TRC's groundwater monitoring field office at Concord, California, for transportation by a licensed carrier to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to Crosby and Overton, Inc. in Long Beach, California.

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.