ConocoPhillips
76 Broadway
Sacramento, California 95818

RECEIVED

1:52 pm, Jul 30, 2010

Alameda County
Environmental Health

July 29, 2010

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

Re: **Semi-Annual Summary Report / 1st Quarter through 2nd Quarter 2010**
76 Station No. 0843 (2349)
1629 Webster Street
Alameda, California

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. In accordance with Section 25297.15(a) of the Health & Safety Code, I also certify that I have notified all responsible landowners of the enclosed proposed action.

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

Sincerely,

Bill Borgh

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

July 29, 2010

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

Re: Quarterly Summary Report – Second Quarter 2010
Fuel Leak Case No. RO0000450

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the Quarterly Summary Report – First Quarter 2010, and forwarding a copy of TRC Solutions, Inc. (TRC's) *Quarterly Monitoring Report – January through March 2010,* dated March 5, 2010 for the following location:

Service Station	**Location**
76 Service Station No. 0843	1629 Webster Street Alameda, California

Sincerely,
Delta Consultants

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

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

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

QUARTERLY SUMMARY REPORT
SECOND QUARTER 2010
76 Service Station No. 0843
1629 Webster Street
Alameda, Alameda County, California

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.

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.

GROUNDWATER MONITORING AND SAMPLING

Quarterly groundwater monitoring and sampling was initiated in March 1999. Seven new monitoring wells (MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, and MW-11 were installed onsite during the Second Quarter 2009, and were subsequently incorporated into TRC's Second Quarter 2009 Monitoring and Sampling program. Currently, all wells are sampled semi-annually during first and third quarters, and wells MW-1AR, MW-1BR, MW-7, MW-8, MW-9, MW-10, and MW-11 are sampled quarterly.

During the most recent groundwater monitoring and sampling event conducted on June 7, 2010, all 12 wells were monitored, while only seven of the twelve were sampled. Depth to groundwater ranged from 5.39 feet (MW-5) to 7.28 (MW-1BR) below top of casing (TOC). Average groundwater elevation was 12.06 feet above mean sea level, an increase of 0.55 feet from the previous sampling event (2/5/10). The groundwater flow direction was interpreted to be to the northeast with a gradient of 0.005 foot per foot (ft/ft) as compared to a gradient of 0.025 northeast during the previous sampling event. Historic groundwater flow directions are shown on a rose diagram presented as Attachment A.

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 were additionally analyzed for biodegradation parameters including total organics, ferrous iron, manganese, nitrate, sulfate, dissolved oxygen (DO), oxygen reducing potential (ORP), and specific conductivity, as well as total chromium and chromium VI.

Constituents of Concern:

- **TPHg:** TPHg was above laboratory indicated reporting limits in groundwater samples collected from five of the seven wells sampled with a maximum concentration of 7,100 micrograms per liter (µg/L) in MW-7 during the current sampling event. This is an increase from a maximum concentration of 4,500 µg/L in MW-11 during the previous sampling event (2/5/10). Wells MW-1AR, MW-1BR, MW-8, and MW-11 were reported with concentrations of 120 µg/L, 180 µg/L, 4,200 µg/L, and 4,300 µg/L, respectively, during the current sampling event.

- **Benzene:** Benzene was below laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled during the current sampling event. This is consistent with the previous sampling event.

- **MTBE:** MTBE was above laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled with a maximum concentration of 16,000 µg/L in MW-7 during the current sampling event. This is an increase from a maximum concentration of 13,000 µg/L in MW-11 during the previous sampling event. Wells MW-1AR, MW-1BR, MW-8, MW-9, MW-10, and MW-11 were reported with concentrations of 200 µg/L, 320 µg/L, 9,000 µg/L, 66, µg/L, 7.9 µg/L, and 9,500 µg/L, respectively, during the current sampling event.

- **Other BTEX Compounds:** Toluene, Ethylbenzene, and Total Xylenes were all below laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled during the current sampling event. This is consistent with the previous sampling event. All twelve of the wells sampled during this event; consistent with the previous (11/13/2009) sampling event.

- **Other Fuel Oxygenates:** TBA, EDB, 1,2-DCA, DIPE, ETBE, TAME, and ethanol were all below laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled during the current sampling event. This is inconsistent with the previous sampling event when TBA was reported in five of the twelve sampled wells with a maximum concentration of 1,600 µg/L in MW-7.

- **Biodegradation Parameters:** Sulfate levels ranged from 20 mg/L in MW-11 to 81 mg/L in MW-8, while nitrate levels ranged from 1.5 mg/L in MW-11 to 27 mg/L in MW-1BR. Pre-purge DO ranged from 1.10 mg/L in MW-7 to 3.26 mg/L in MW-10, while pre-purge ORP ranged from 11 mV in MW-7 to 97 mV in MW-11.

A copy of TRC's *Quarterly Monitoring Report – April through June 2010* is included as Attachment B.

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.

CHARACTERIZATION STATUS

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.

DISCUSSION

Groundwater monitoring and sampling of the seven new monitoring wells began during the Second Quarter 2009.

During the Third Quarter 2009, Delta proceeded with the proposed ozone injection feasibility testing event. Daily injections, lasting the course of four weeks led to the collection of data which indicates that ozone injection is successful in reducing hydrocarbon concentrations. However, TPHg and MTBE continue to migrate from the up-gradient Shell Station.

On April 7, 2010, Delta submitted a Corrective Action Plan in which it recommended ozone/oxygen injection along with localized excavation in the vicinity of MW-7 as the most viable remedial alternative for this site.

RECENT CORRESPONDENCE

No correspondence was received during this reporting period.

THIS QUARTER ACTIVITIES (Second Quarter 2010)

1. Under regulatory direction, Delta prepared and submitted a *Corrective Action Plan*, dated April 7, 2010.

2. TRC performed the quarterly monitoring and sampling activities at the site on June 7, 2010, and prepared their results in *Quarterly Monitoring Report – April through June 2010*, dated July 1, 2010.

3. Delta prepared a *Quarterly Summary Report – Second Quarter 2010*.

NEXT QUARTER ACTIVITIES (Third Quarter 2010)

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

2. Delta will prepare and submit the quarterly summary report.

3. Delta will submit a work plan for additional assessment in the vicinity of MW-7.

REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Delta'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 Delta, the data from those reports is used "as is" and is assumed to be accurate. Delta 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 Delta 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 Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta 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: Delta Consultants

* * * * * *

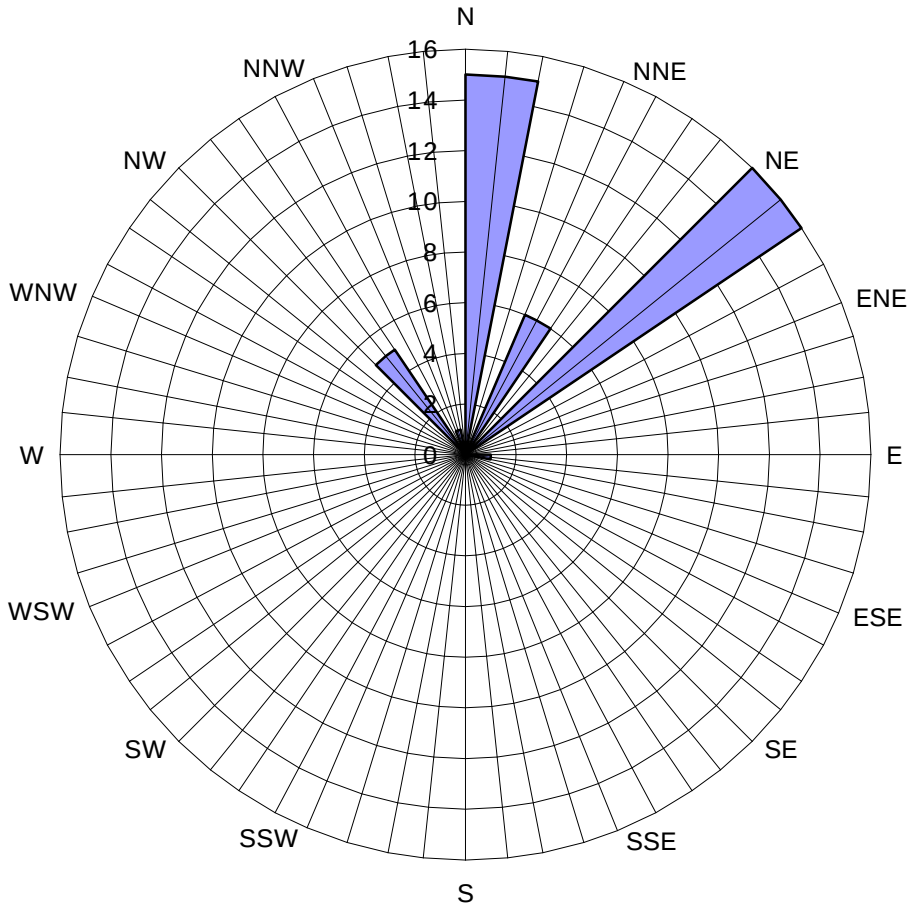
ATTACHMENTS

Attachment A – Historic Groundwater Flow Directions Rose Diagram
Attachment B – Quarterly Monitoring Report – April through June 2010

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 2010.
44 data points shown.

ATTACHMENT B

Quarterly Monitoring Report – April through June 2010

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: July 1, 2010

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

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

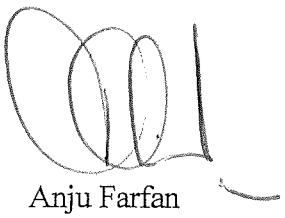
RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2010

Dear Mr. Grayson:

Please find enclosed our Quarterly 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
20-0400/0843R28.QMS

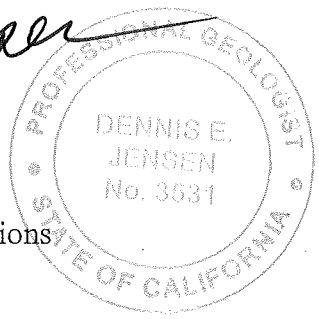
QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2010

FORMER 76 STATION 0843
1629 Webster Street
Alameda, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 6/30/10

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 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results
Coordinated Event Data	*Shell Service Station* Data 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 Sheet – 6/7/10 Groundwater Sampling Field Notes – 6/7/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2010 through June 2010
Former 76 Station 0843
1629 Webster Street
Alameda, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **6/7/2010**

Sample Points

Groundwater wells: **10** onsite, **2** offsite Points gauged: **12** Points sampled: **7**
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: **5.39 feet** Maximum: **7.28 feet**
Average groundwater elevation (relative to available local datum): **12.06 feet**
Average change in groundwater elevation since previous event: **0.55 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, northeast**
Previous event: **0.025 ft/ft, northeast (2/5/2010)**

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** **5** Maximum: **7,100 µg/l (MW-7)**
Sample Points with **MTBE 8260B** **7** Maximum: **16,000 µg/l (MW-7)**

Notes:

MW-1=Sampled Q1 and Q3 only, MW-3=Sampled Q1 and Q3 only, MW-4=Sampled Q1 and Q3 only, MW-5=Sampled Q1 and Q3 only, MW-6=Sampled Q1 and Q3 only

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
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)	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	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)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Carbon (organic, total)	Chromium VI	Chromium (total)	Chromium (dissolved)	Iron Ferrous
Table 2b	Well/ Date	Manganese (dissolved)	Manganese (total)	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	Post-purge ORP	

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 7, 2010

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)**											
6/7/2010	19.13	6.58	0.00	12.55	0.14	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-1AR			**(Screen Interval in feet: 25-30)**											
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	
MW-1BR			**(Screen Interval in feet: 30-35)**											
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	
MW-3			**(Screen Interval in feet: 5.0-20.0)**											
6/7/2010	18.05	5.92	0.00	12.13	0.10	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
6/7/2010	18.14	5.78	0.00	12.36	-0.23	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-5			**(Screen Interval in feet: 5-20)**											
6/7/2010	16.45	5.39	0.00	11.06	-0.01	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-6			**(Screen Interval in feet: 5-20)**											
6/7/2010	16.97	5.52	0.00	11.45	0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-7			**(Screen Interval in feet: 25-30)**											
6/7/2010	17.81	5.74	0.00	12.07	2.76	--	7100	ND<12	ND<12	ND<12	ND<25	--	16000	
MW-8			**(Screen Interval in feet: 25-30)**											
6/7/2010	18.13	6.07	0.00	12.06	1.31	--	4200	ND<10	ND<10	ND<10	ND<20	--	9000	
MW-9			**(Screen Interval in feet: 20-25)**											
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	
MW-10			**(Screen Interval in feet: 25-30)**											
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	
MW-11			**(Screen Interval in feet: 25-30)**											
6/7/2010	18.72	6.36	0.00	12.36	1.14	--	4300	ND<10	ND<10	ND<10	ND<20	--	9500	

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-1AR												
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	490
MW-1BR												
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	380
MW-7												
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	1200
MW-8												
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	620
MW-9												
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	280
MW-10												
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	260
MW-11												
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	310

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (dissolved) (µg/l)	Manganese (total) (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)	Post-purge ORP (mV)
MW-1AR											
6/7/2010	210	450	21	30	6.1	273.4	554	0.79	1.27	56	78
MW-1BR											
6/7/2010	110	180	27	30	6.6	479.4	539	0.74	1.42	48	10
MW-7											
6/7/2010	1200	1500	4.1	72	8.2	342.6	801	0.57	1.10	11	-13
MW-8											
6/7/2010	870	1200	6.1	81	8.3	350.3	791	0.72	1.27	22	35
MW-9											
6/7/2010	200	1100	6.9	41	7.9	380.3	665	0.95	1.46	61	39
MW-10											
6/7/2010	18	340	10	29	8.1	379.1	490	3.24	3.26	82	84
MW-11											
6/7/2010	280	980	1.5	20	7.0	501.3	737	0.70	1.31	97	44

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through June 2010

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 June 2010
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
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March 1999 Through June 2010
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
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	
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through June 2010
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-2 continued														
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	
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	

Table 2
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March 1999 Through June 2010
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MW-2A continued														
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	
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	--	

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-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														
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
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through June 2010
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														
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	
6/7/2010	18.05	5.92	0.00	12.13	0.10	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through June 2010
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														
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	--	
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	

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March 1999 Through June 2010
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														
2/23/2007	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	
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
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	--	

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MW-5 continued														
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
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	

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MW-5 continued														
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	
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
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 June 2010
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 June 2010
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														
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
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through June 2010
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-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	
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	
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	

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)	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												
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	--	--	--	ND<100
5/28/2009	ND<200	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	1.8	2.0	87	--	ND<500
9/14/2009	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	1.4	2.2	220	--	ND<100
2/5/2010	ND<250	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--	--	--
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	--	2500
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	490
MW-1BR												
5/28/2009	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	--	--	--	--	--

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)	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-1BR continued												
9/14/2009	33	ND<500	--	--	ND<1.0	ND<1.0	1.9	3.7	ND<2.0	250	--	ND<500
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	380
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	--	--	--	--	--
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	--	--	--	--	--

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)	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-2A continued												
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	--	--	--	--	--
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	--	--	--	110
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	--	--	--	--	--

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)	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-3 continued												
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	--	--	--	ND<100
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	--	--	--	--	--
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	--	--	--	--	--

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)	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-4 continued												
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	--	--	--	--	--
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	--	--	--	ND<100
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	--	--	--	--	--
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	--	--	--	--	--

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)	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-5 continued												
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	--	--	--	--	--
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	--	--	--	ND<100
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	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--

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)	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-6 continued												
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	--	--	--	--	--
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	--	--	--	ND<100
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	--	--	--	--	--

MW-7

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)	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-7 continued												
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	--	3200
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<250	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	3.9	ND<2.0	11	ND<10	1200
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	--	ND<1000
9/14/2009	ND<500	ND<12000	--	--	ND<25	ND<25	ND<25	14	ND<2.0	60	--	480
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	620
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	--	ND<1000
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	280
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	--	150
9/14/2009	240	ND<3100	--	--	ND<6.2	ND<6.2	ND<6.2	2.7	ND<2.0	24	--	210
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	260
MW-11												

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)	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-11 continued												
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	--	310
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	310

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (dissolved) (µg/l)	Manganese (total) (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)	Post-purge ORP (mV)
MW-1											
2/24/2009	ND<1.0	500	--	18	--	--	--	4.63	3.22	57	59
5/28/2009	2.4	550	9.9	25	8.6	130	463	0.80	2.95	119	171
9/14/2009	3.7	1600	11	25	6.8	204	429	1.93	3.81	233	146
2/5/2010	--	--	--	--	--	--	--	0.83	1.42	66	71
MW-1AR											
5/28/2009	--	--	--	--	--	--	--	1.72	0.95	144	177
9/14/2009	570	830	17	39	7.0	205	655	1.68	1.83	235	187
11/13/2009	--	--	--	--	--	--	--	3.13	2.98	174	16
2/5/2010	--	--	--	--	--	--	--	0.37	0.94	79	75
6/7/2010	210	450	21	30	6.1	273.4	554	0.79	1.27	56	78
MW-1BR											
5/28/2009	--	--	--	--	--	--	--	0.61	1.37	145	165
9/14/2009	230	930	17	59	6.7	207	673	0.46	1.02	228	143
11/13/2009	--	--	--	--	--	--	--	5.74	4.59	151	107
2/5/2010	--	--	--	--	--	--	--	0.38	0.82	85	79
6/7/2010	110	180	27	30	6.6	479.4	539	0.74	1.42	48	10
MW-2A											
2/24/2009	ND<1.0	130	--	87	--	--	--	3.38	4.44	50	34
MW-3											
2/24/2009	ND<1.0	1100	--	130	--	--	--	5.01	2.30	46	49
5/28/2009	--	--	--	--	--	--	--	0.61	4.03	141	85
9/14/2009	--	--	--	--	6.6	196	658	0.49	2.02	146	119
2/5/2010	--	--	--	--	--	--	--	1.04	2.64	338	71
MW-4											

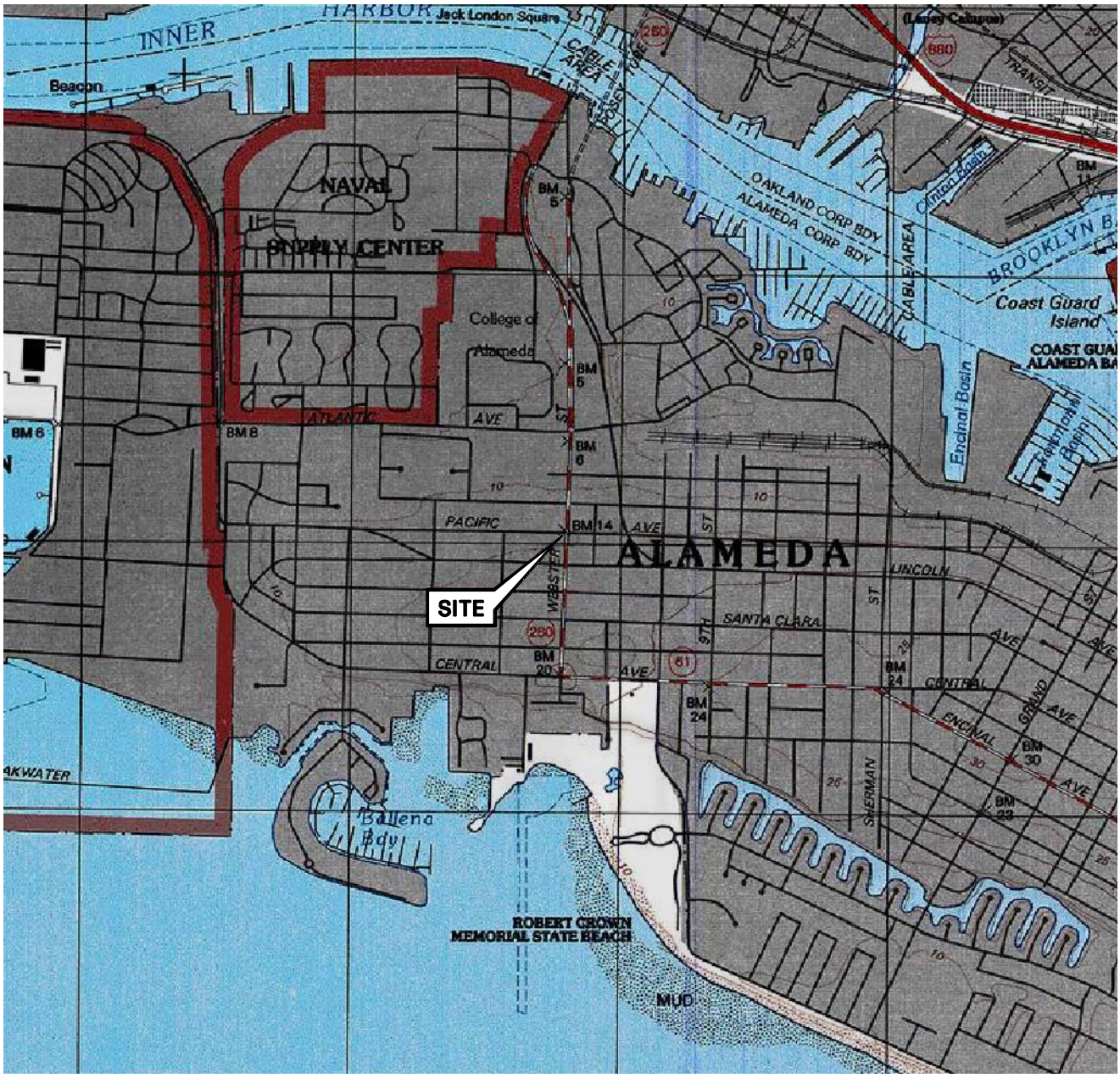
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (dissolved) (µg/l)	Manganese (total) (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)	Post-purge ORP (mV)
MW-4 continued											
2/24/2009	3.1	250	--	130	--	--	--	6.15	4.27	61	64
5/28/2009	--	--	--	--	--	--	--	3.68	3.76	141	55
9/14/2009	--	--	--	--	7.1	195	1020	2.16	2.78	142	63
2/5/2010	--	--	--	--	--	--	--	8.59	7.70	309	326
MW-5											
2/24/2009	ND<1.0	720	--	64	--	--	--	5.65	2.58	27	34
5/28/2009	--	--	--	--	--	--	--	1.71	4.32	138	94
9/14/2009	--	--	--	--	4.0	204	609	0.64	2.08	147	115
2/5/2010	--	--	--	--	--	--	--	2.08	2.59	295	71
MW-6											
2/24/2009	1.2	2300	--	85	--	--	--	3.40	1.29	68	67
5/28/2009	--	--	--	--	--	--	--	1.06	1.85	142	56
9/14/2009	--	--	--	--	7.1	205	595	0.46	1.07	154	118
2/5/2010	--	--	--	--	--	--	--	2.96	2.73	314	135
MW-7											
5/28/2009	--	--	--	--	--	--	--	1.24	0.63	160	124
9/14/2009	2000	2200	4.2	180	6.9	217	1030	0.26	1.35	-13	-53
11/13/2009	--	--	--	--	--	--	--	--	0.76	1	-24
2/5/2010	--	--	--	--	--	--	--	1.46	0.69	-10	-7
6/7/2010	1200	1500	4.1	72	8.2	342.6	801	0.57	1.10	11	-13
MW-8											
5/28/2009	280	830	12	130	9.0	124	923	2.22	1.38	146	68
9/14/2009	1000	1300	7.7	260	6.2	407	1100	0.28	1.11	151	92
11/13/2009	--	--	--	--	--	--	--	3.51	0.84	111	72

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (dissolved) (µg/l)	Manganese (total) (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)	Post-purge ORP (mV)
MW-8 continued											
2/5/2010	--	--	--	--	--	--	--	1.17	0.58	88	63
6/7/2010	870	1200	6.1	81	8.3	350.3	791	0.72	1.27	22	35
MW-9											
9/14/2009	180	4700	5.0	68	7.3	204	580	3.58	4.16	236	171
11/13/2009	--	--	--	--	--	--	--	5.06	4.22	81	105
2/5/2010	--	--	--	--	--	--	--	0.93	1.25	102	102
6/7/2010	200	1100	6.9	41	7.9	380.3	665	0.95	1.46	61	39
MW-10											
5/28/2009	280	350	9.1	30	7.1	139	661	0.30	1.76	151	156
9/14/2009	280	380	6.3	33	6.1	205	675	2.19	0.67	235	114
11/13/2009	--	--	--	--	--	--	--	1.20	1.58	95	77
2/5/2010	--	--	--	--	--	--	--	0.83	0.98	87	87
6/7/2010	18	340	10	29	8.1	379.1	490	3.24	3.26	82	84
MW-11											
5/28/2009	--	--	--	--	--	--	--	0.22	0.80	1.56	147
9/14/2009	570	740	0.73	37	6.7	192	780	0.81	0.82	224	49
11/13/2009	--	--	--	--	--	--	--	0.35	1.52	53	23
2/5/2010	--	--	--	--	--	--	--	1.33	1.56	280	126
6/7/2010	280	980	1.5	20	7.0	501.3	737	0.70	1.31	97	44

FIGURES



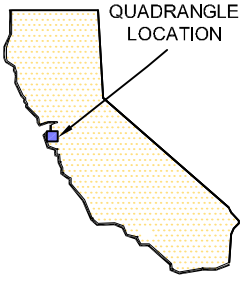
N

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)

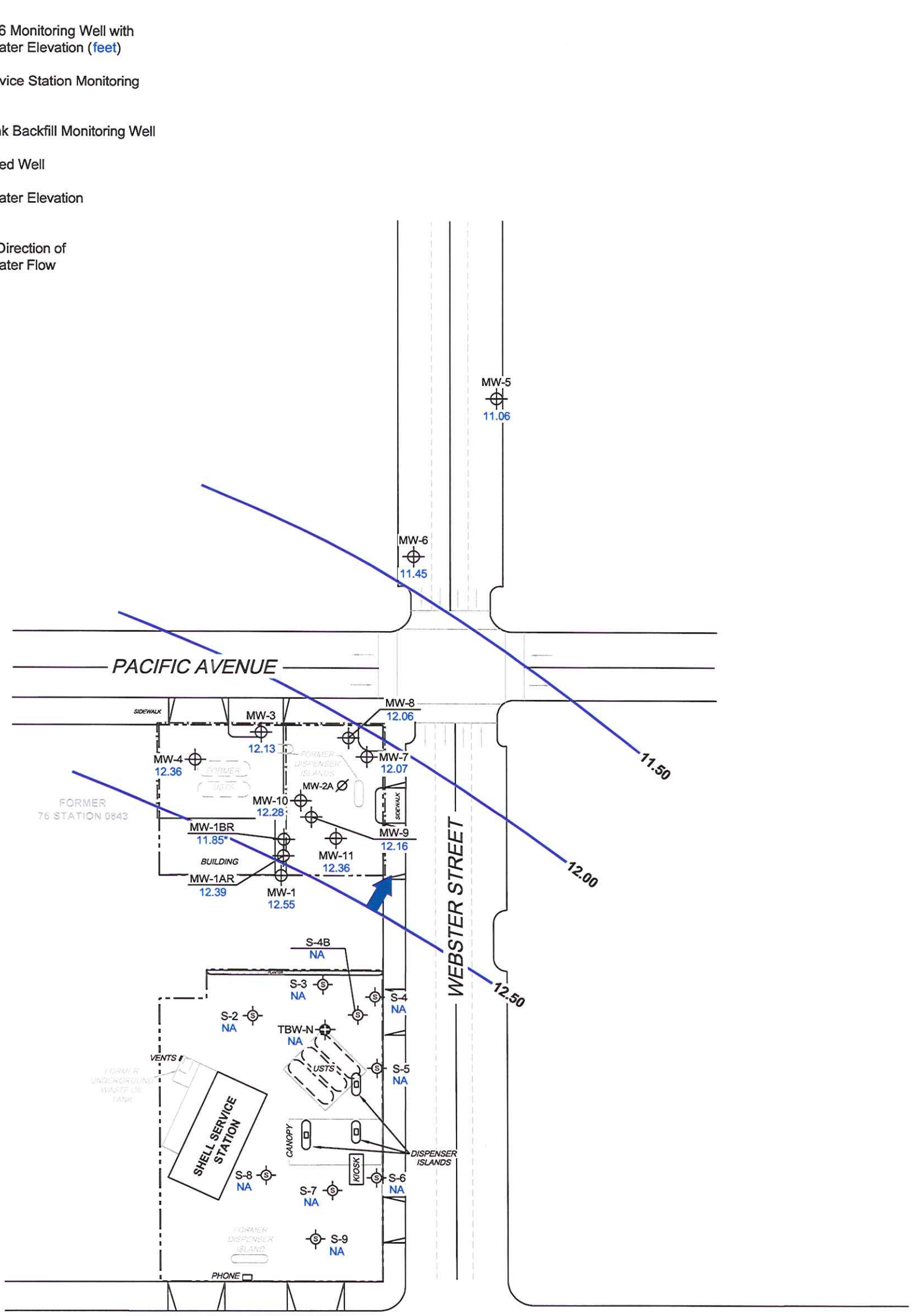
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

12.50 Groundwater Elevation Contour

General Direction of Groundwater Flow



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 sampled this quarter.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

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

GROUNDWATER ELEVATION CONTOUR MAP
June 7, 2010

FIGURE 2

LEGEND

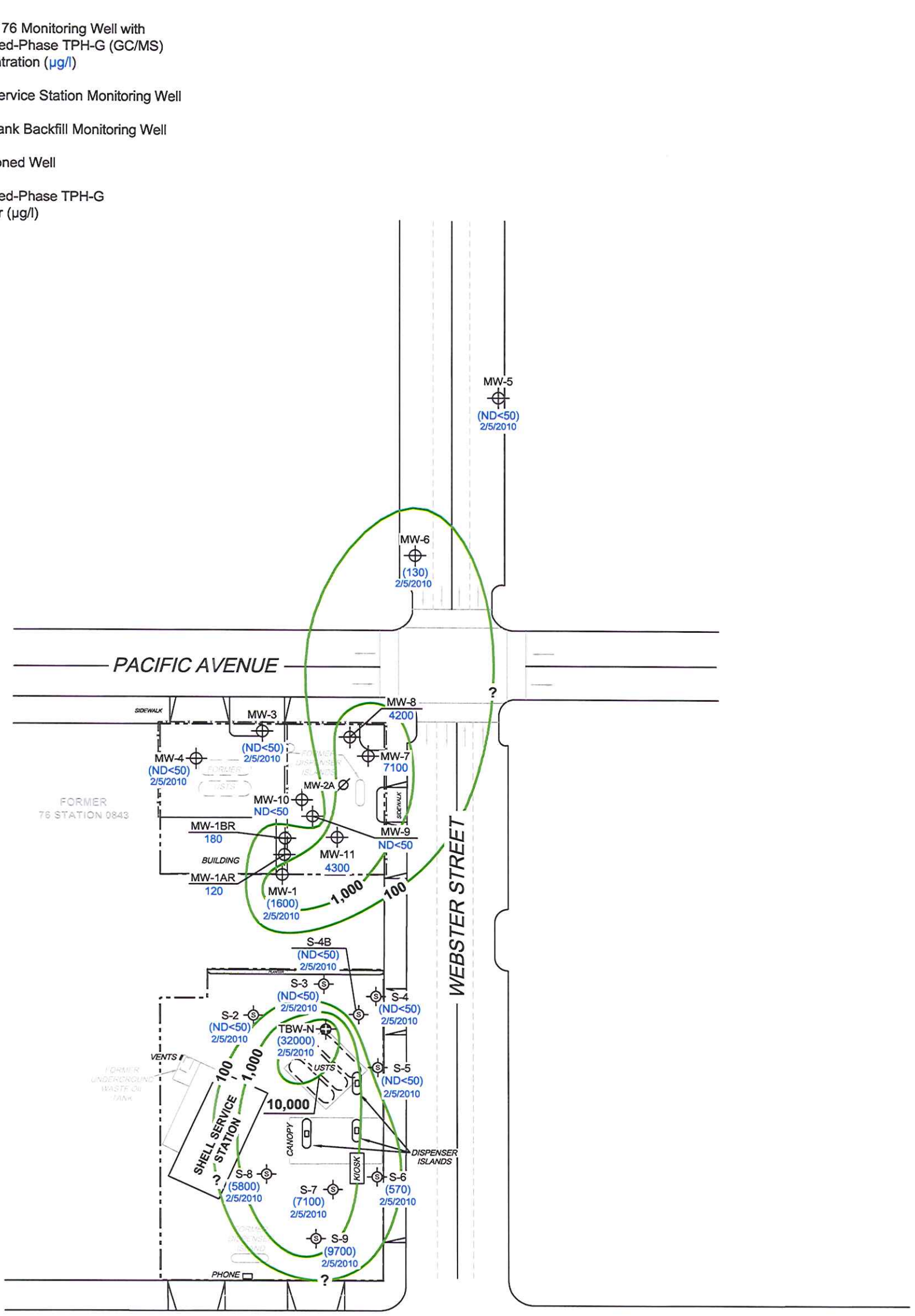
MW-11 Former 76 Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

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)



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 sampled this quarter.

SCALE (FEET)
0 60

TRC

PROJECT: 173845

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

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
June 7, 2010

FIGURE 3

LEGEND

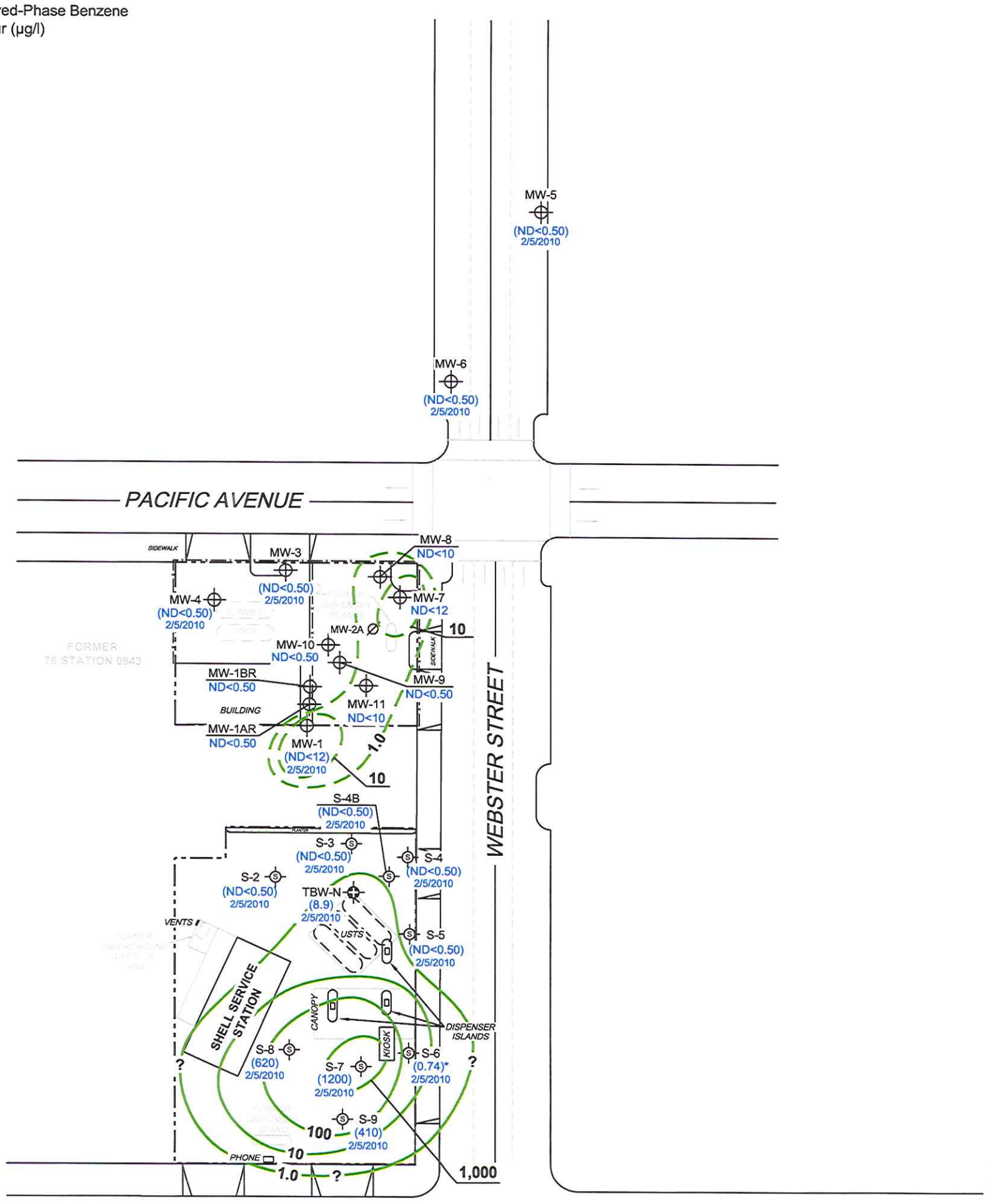
MW-11 ⊕ Former 76 Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

S-9 Ⓢ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

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



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. * = not included in contour interpretation. Dashes indicate contour based on non-detect at elevated detection limit. ( ) = representative historical value. UST = underground storage tank. Shell Service Station not sampled this quarter.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
June 7, 2010

FIGURE 4

LEGEND

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

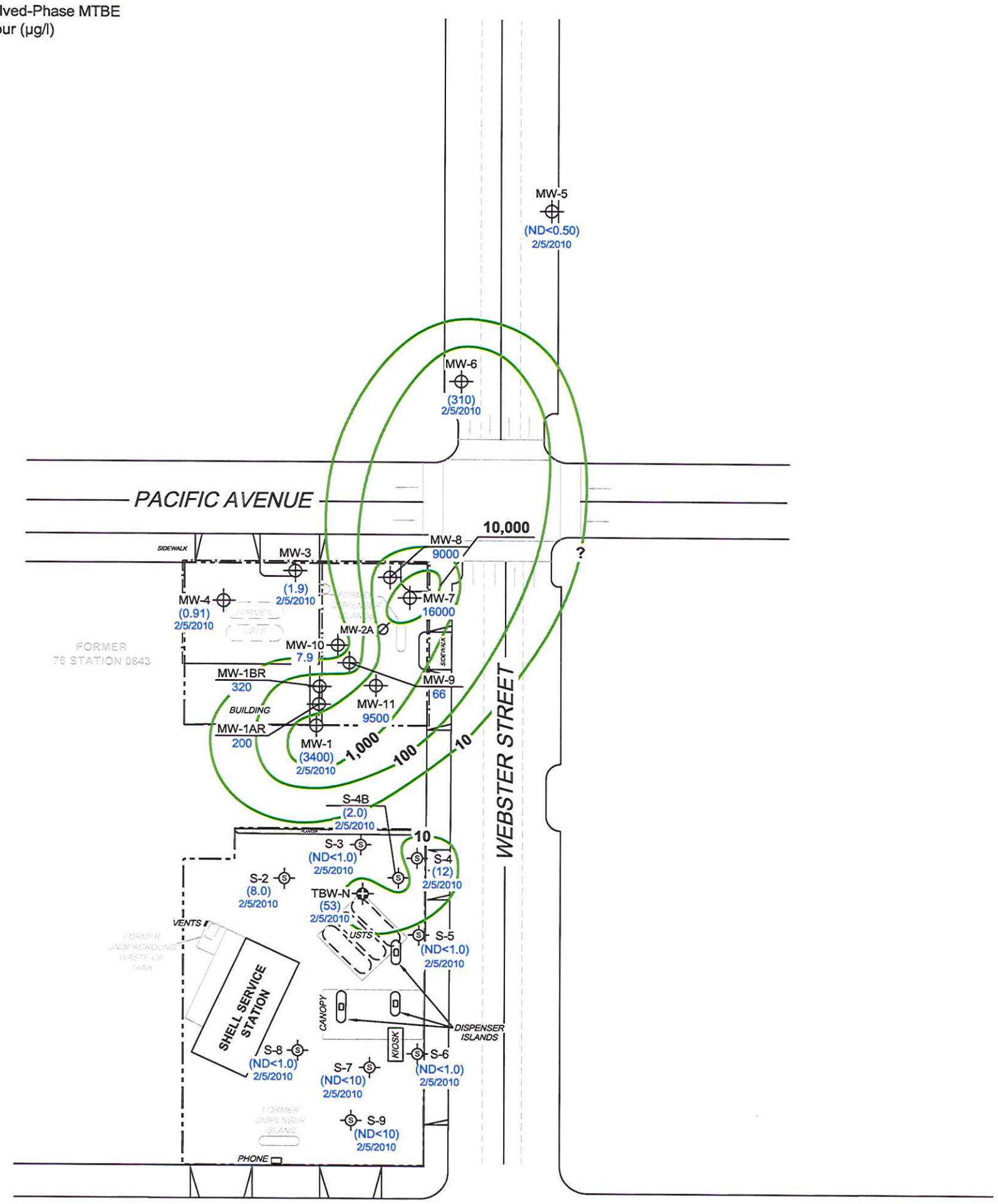
S-9 Ⓢ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

10,000 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. UST = underground storage tank. Shell Service Station not sampled this quarter. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 7, 2010

FIGURE 5

LEGEND

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

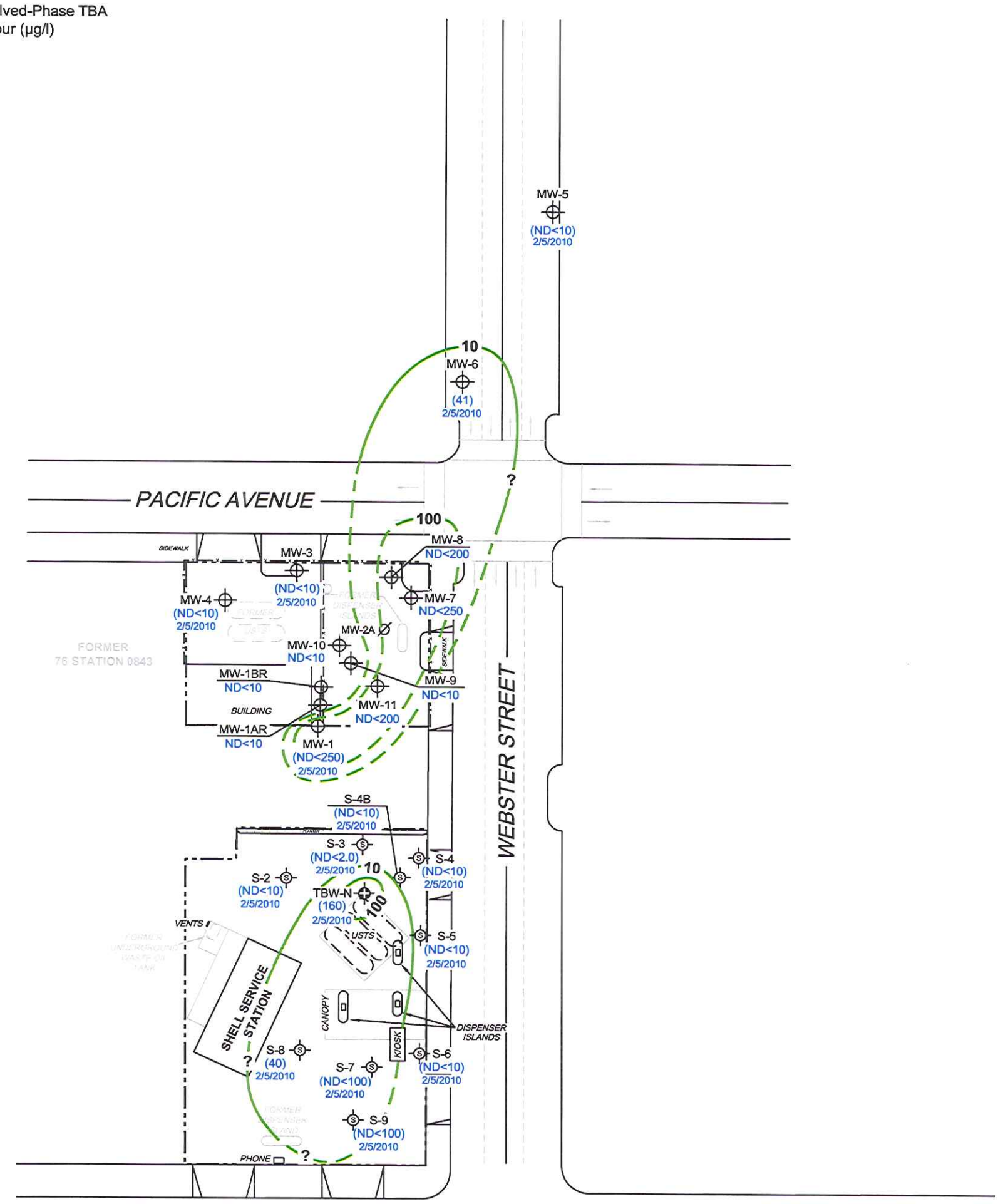
S-9 ⊕ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

100 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 sampled this quarter. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

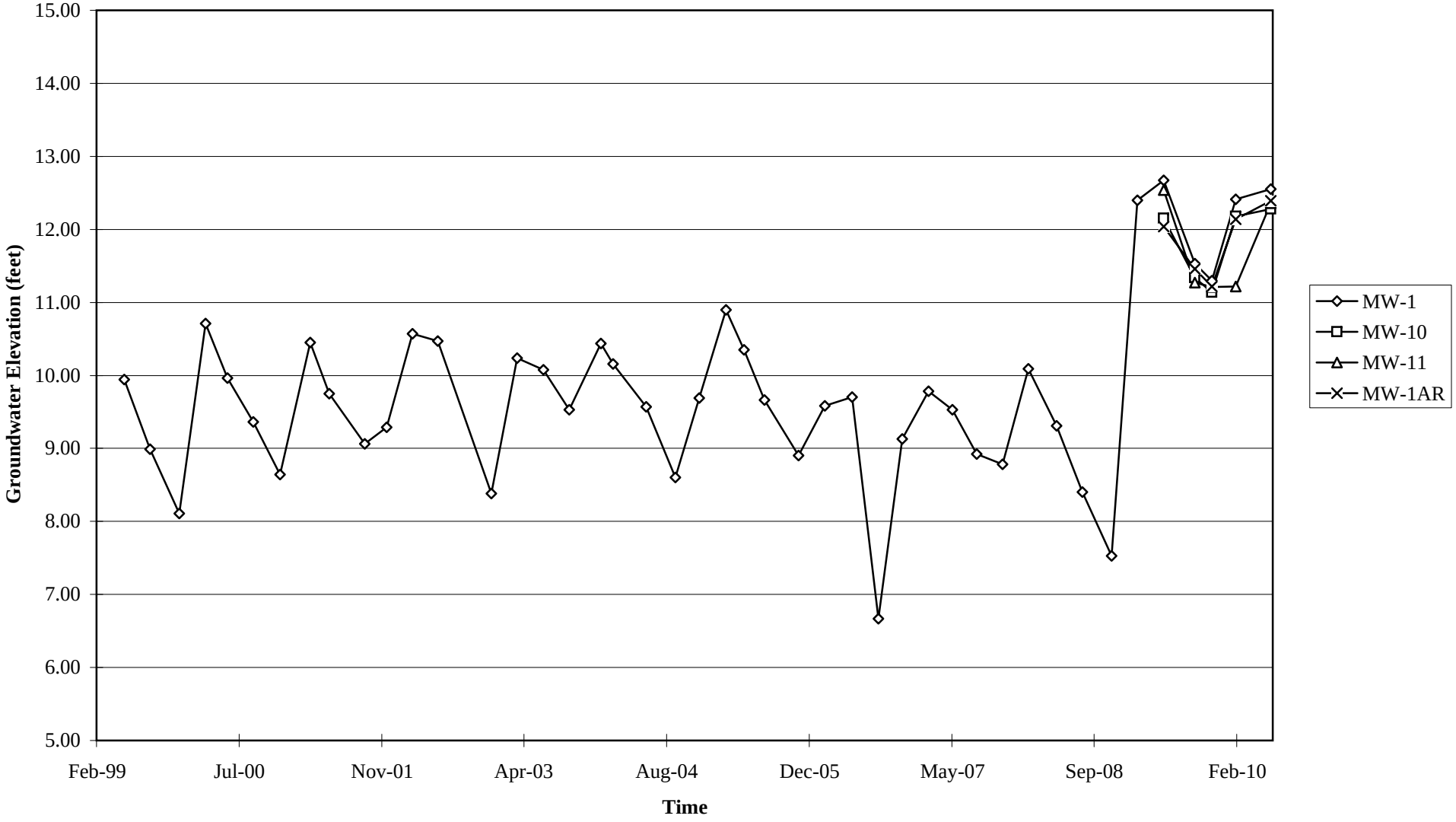
FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE TBA CONCENTRATION MAP
June 7, 2010

FIGURE 6

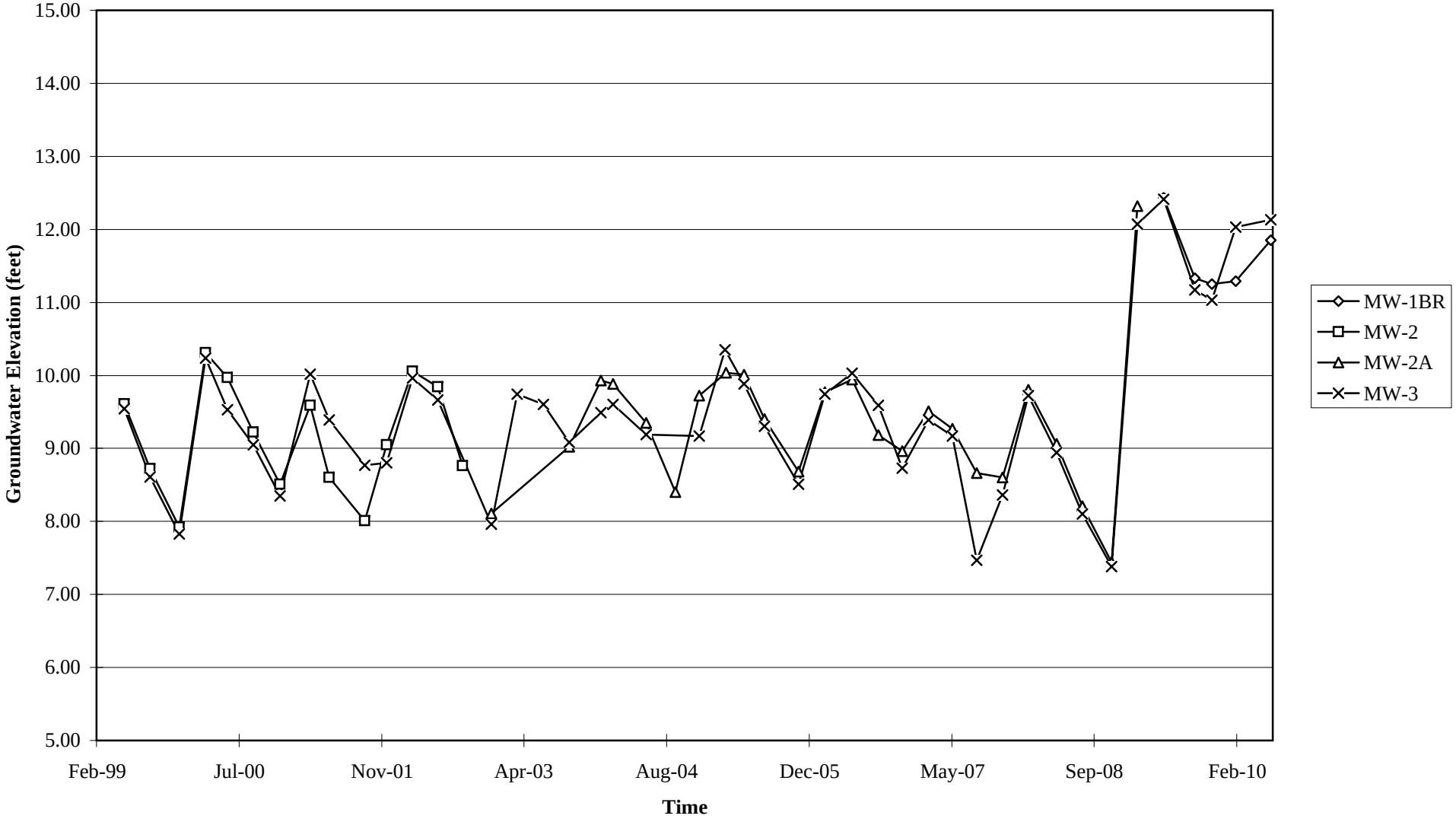
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 0843



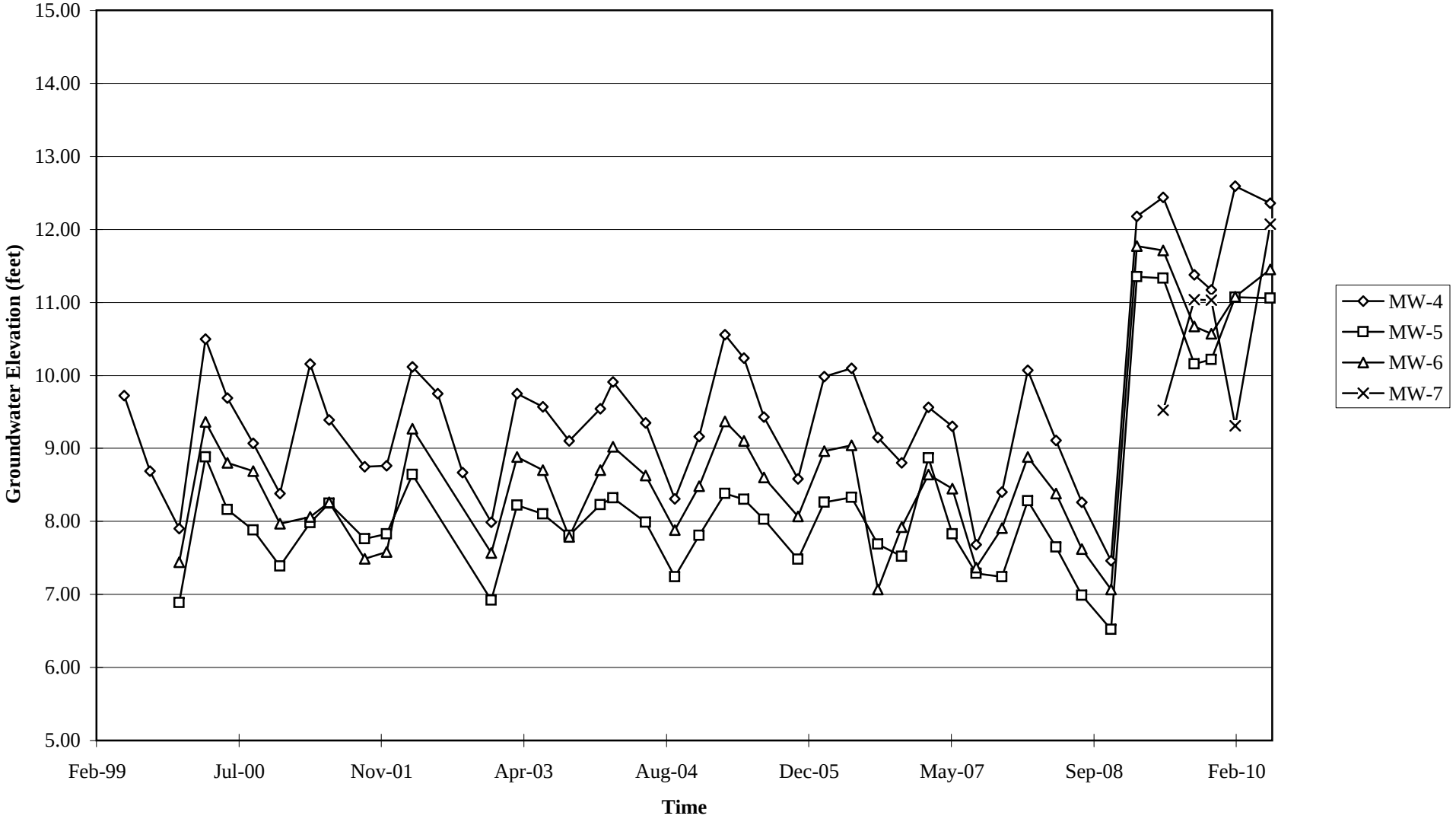
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



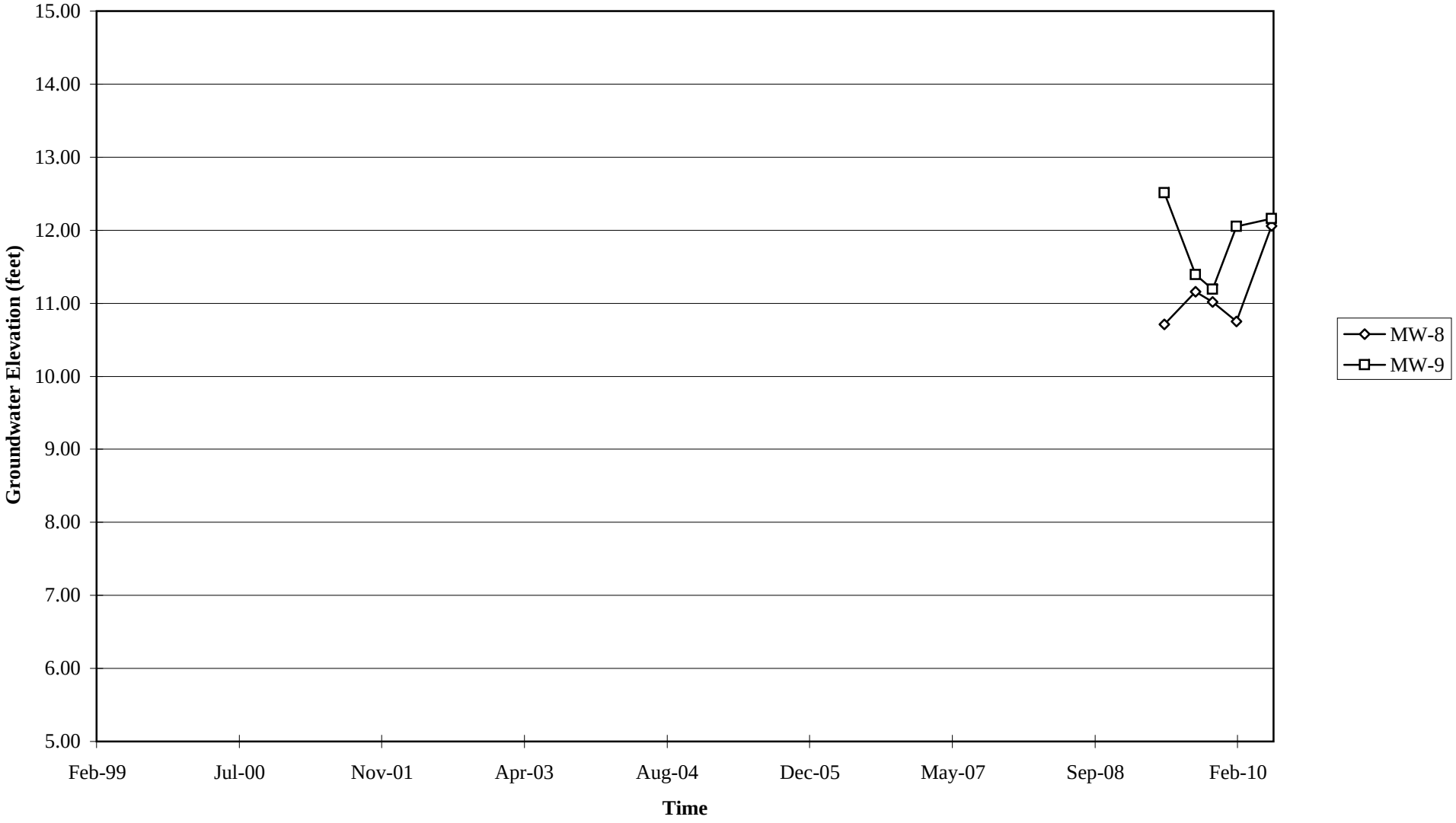
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



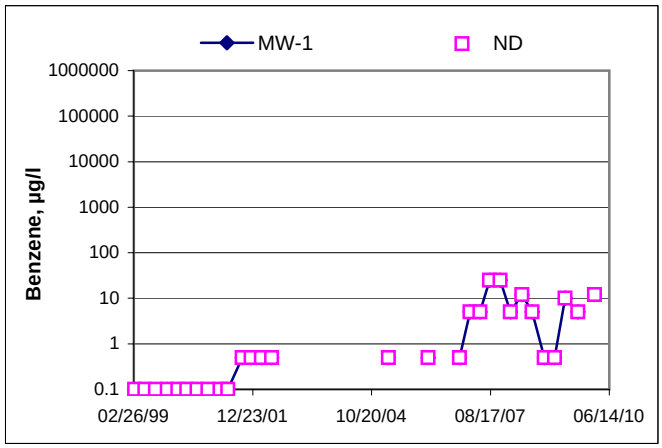
Elevations may have been corrected for apparent changes due to resurvey

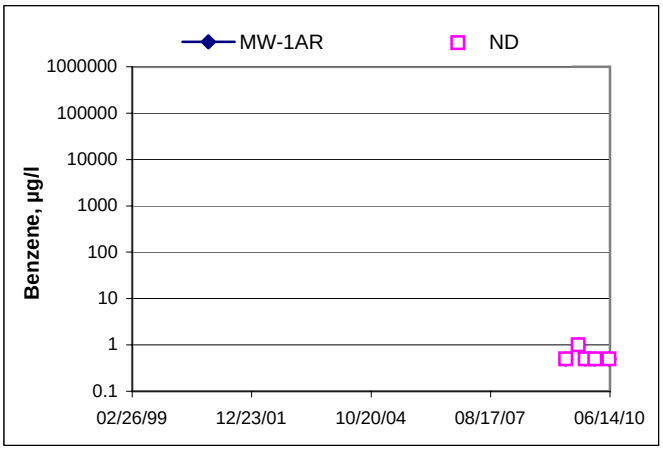
Groundwater Elevations vs. Time
Former 76 Station 0843

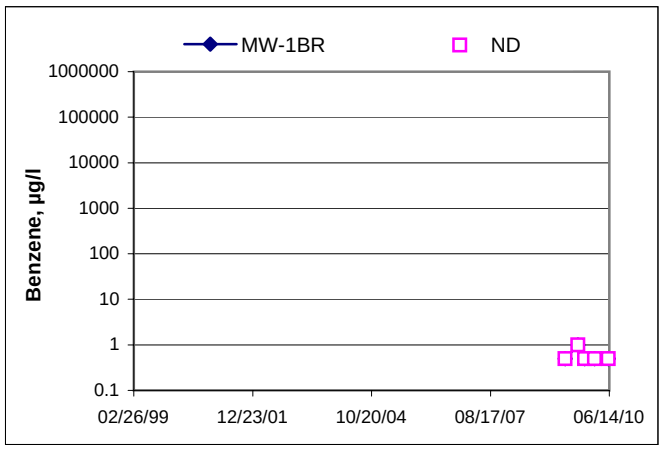


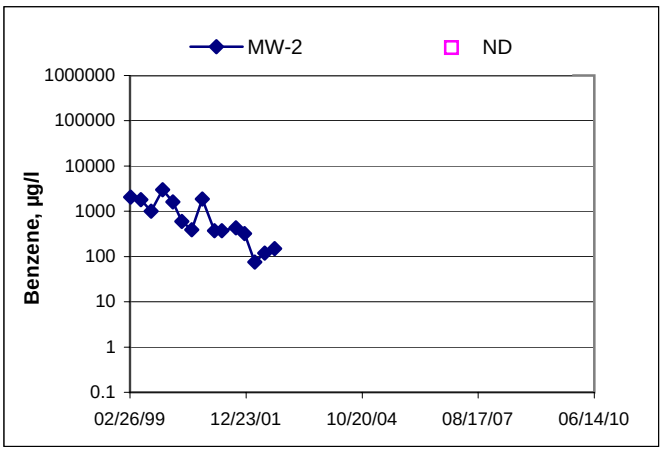
Elevations may have been corrected for apparent changes due to resurvey

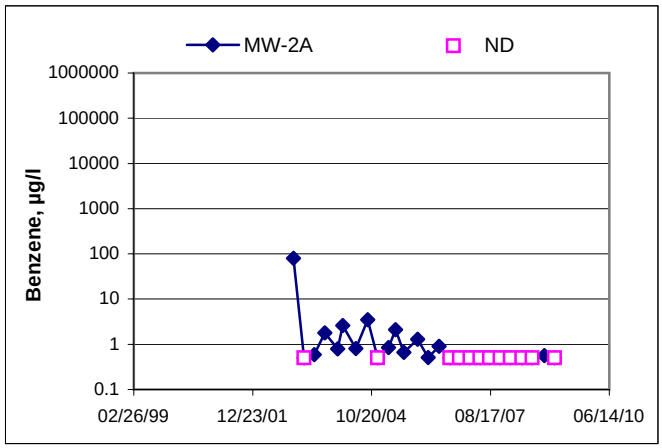
Benzene Concentrations vs Time
Former 76 Station 0843

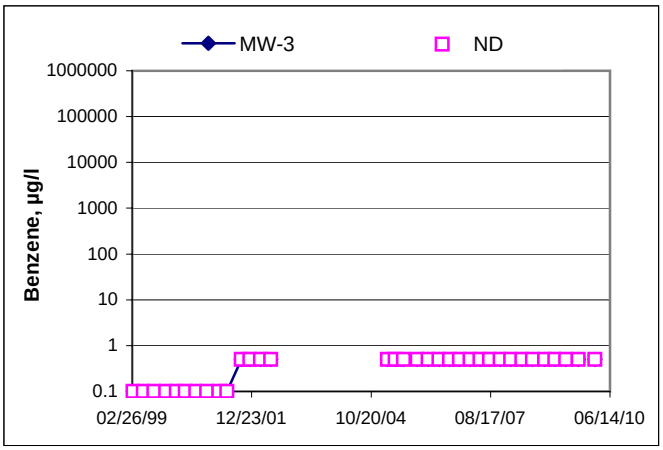


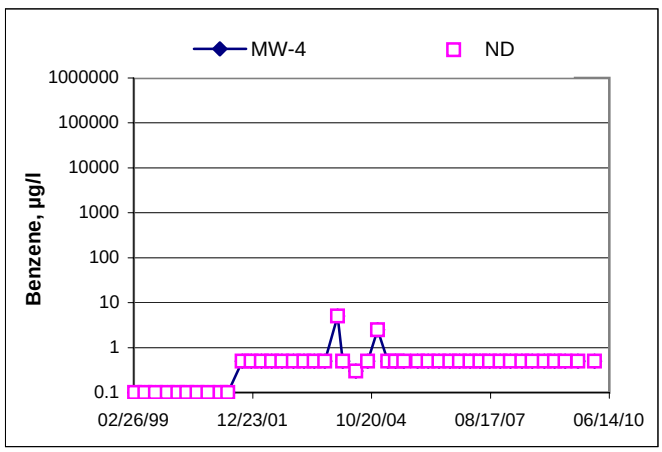


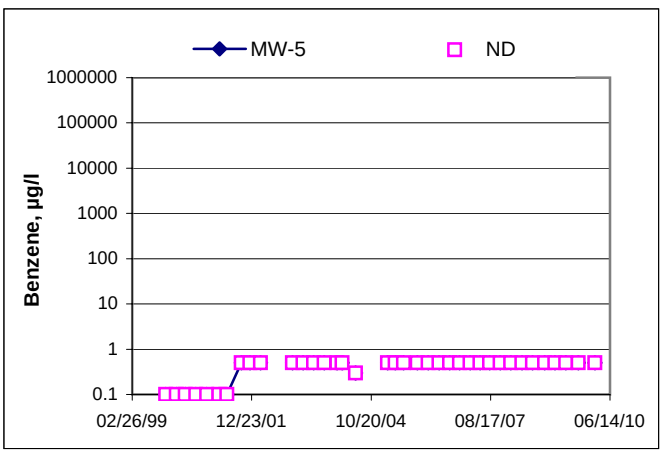






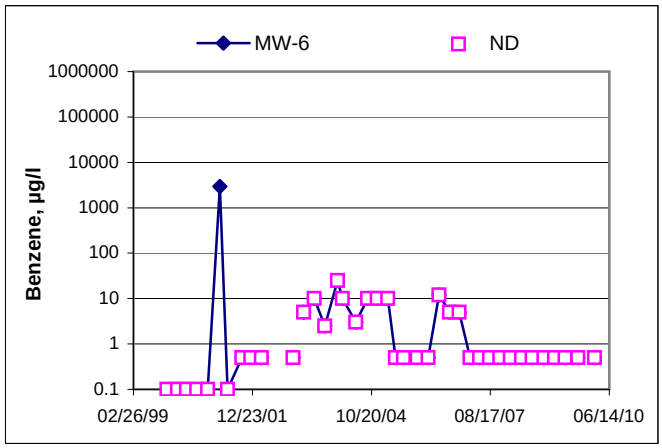


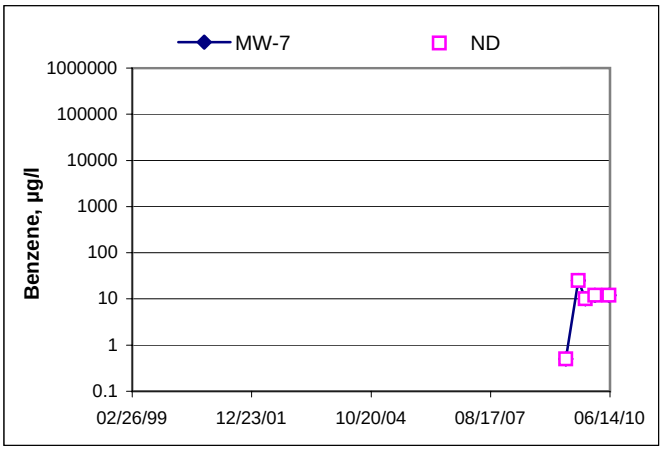


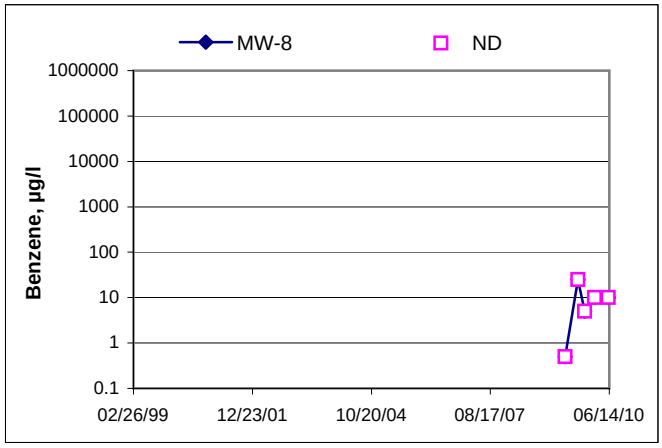


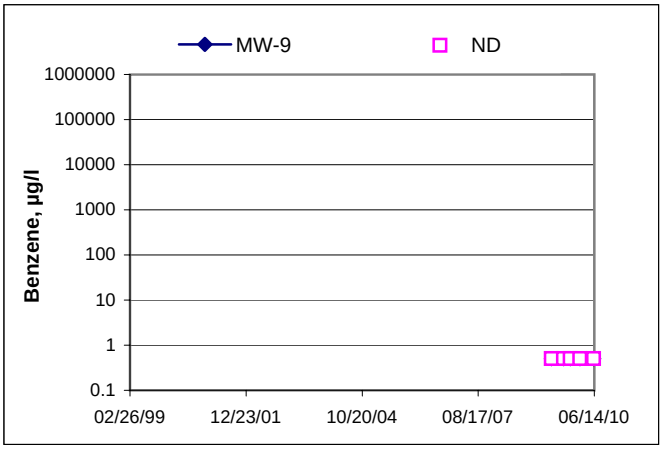
Benzene Concentrations vs Time

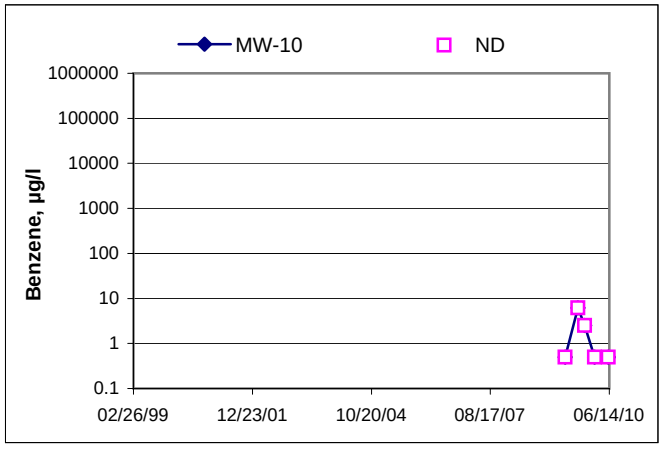
Former 76 Station 0843

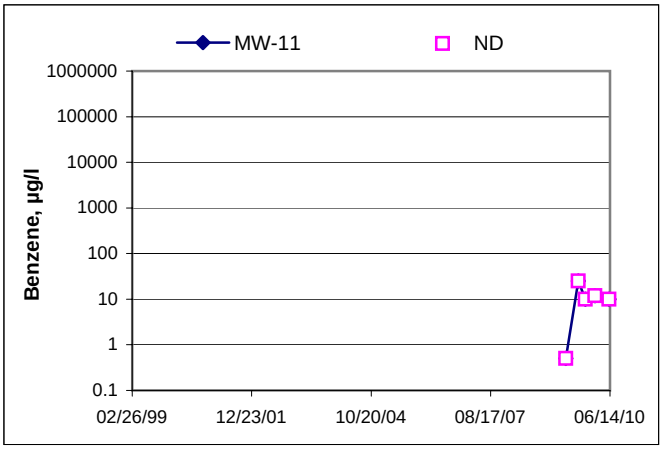












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: A. Vickers Job #/Task #: 173845 | FA20 Date: 06/07/10

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	✓	0605	19.87	6.58	—	—	N/S	2" Monitor Only
MW-1AR	✓	0834	29.83	6.90	—	—	0944	2"
MW-1BR	✓	0612	34.58	7.28	—	—	0951	2"
MW-9	✓	0623	24.48	6.59	—	—	1010	2"
MW-10	✓	0627	29.24	6.56	—	—	1020	2"
MW-11	✓	0631	27.53	6.36	—	—	1032	2"
MW-7	✓	0636	29.22	5.74	—	—	1055	2"
MW-8	✓	0641	29.61	6.07	—	—	1105	2"
MW-3	✓	0650	19.95	5.92	—	—	N/S	2" Monitor Only
MW-4	✓	0657	17.80	5.78	—	—	N/S	2"
MW-5	✓	0707	20.29	5.39	—	—	N/S	2"
MW-6	✓	0716	20.11	5.52	—	—	N/S	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.: 173845 Date: 06/07/16

Well No. MW-1AR Purge Method: Sub

Depth to Water (feet): 6.90 Depth to Product (feet): —

Total Depth (feet) 29.83 LPH & Water Recovered (gallons): —

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

80% Recharge Depth(feet): 11.99 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							1.27	56	
0838			4	569.2	18.3	6.48	0.83	86	
			8	579.7	18.6	6.48	0.83	84	
	0843		12	577.4	18.7	6.48	0.79	78	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.90	12	0944

Comments: Gauged/Purged out of order, car parked on well.

Well No. MW-1BR Purge Method: Sub

Depth to Water (feet): 7.28 Depth to Product (feet): —

Total Depth (feet) 34.58 LPH & Water Recovered (gallons): —

Water Column (feet): 27.30 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.74 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							1.42	48	
0736			5	566.8	18.1	6.86	0.80	4	
			10	557.6	18.9	6.79	0.78	7	
	0745		15	558.7	19.1	6.73	0.74	10	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.28	15	0951

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidmers

Site: 0843 Project No.: 173845 Date: 06/07/10

Well No. MW-9 Purge Method: Sub

Depth to Water (feet): 6.59 Depth to Product (feet): —

Total Depth (feet) 24.48 LPH & Water Recovered (gallons): —

Water Column (feet): 17.89 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.17 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							1.46	61	
0757			4	624.3	18.8	6.74	0.98	29	
			8	657.0	19.2	6.85	0.92	29	
	0805		12	666.5	19.2	6.90	0.95	39	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.60	12	1010

Comments:

Well No. MW-10 Purge Method: Sub

Depth to Water (feet): 6.56 Depth to Product (feet): —

Total Depth (feet) 29.24 LPH & Water Recovered (gallons): —

Water Column (feet): 22.68 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.16 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							3.26	82	
0808			4	553.7	19.1	6.82	3.18	56	
			8	518.2	19.2	6.66	3.33	72	
	0814		12	513.9	19.2	6.56	3.24	84	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.60	12	1020

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidvers

Site: 0843 Project No.: 173845 Date: 06/07/10

Well No. MW-11 Purge Method: Sub

Depth to Water (feet): 6.36 Depth to Product (feet): —

Total Depth (feet) 27.53 LPH & Water Recovered (gallons): —

Water Column (feet): 21.17 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.59 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							1.31	97	
0820			4	784.7	18.7	6.50	0.94	78	
			8	796.7	19.0	6.50	0.84	59	
	0826		12	781.4	19.1	6.51	0.76	44	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.40	12	1032

Comments:

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 5.74 Depth to Product (feet): —

Total Depth (feet) 29.22 LPH & Water Recovered (gallons): —

Water Column (feet): 23.48 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.44 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							1.10	11	
0855			4	871.1	19.5	6.59	0.60	-9	
	0900		8	891.1	20.0	6.60	0.65	-11	
0904	0907		12	839.5	20.2	6.73	0.57	-13	

Static at Time Sampled	Total Gallons Purged	Sample Time
5.74	12	1055

Comments: Dry at 8 gallons. Recharged quickly.

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 0843 Project No.: 173845 Date: 06/07/10

Well No. MW-8 Purge Method: Sub

Depth to Water (feet): 6.07 Depth to Product (feet): —

Total Depth (feet) 29.61 LPH & Water Recovered (gallons): —

Water Column (feet): 23.54 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.78 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							1.27	22	
0909			4	815.9	20.0	6.74	0.69	8	
	0913		8	809.0	20.3	6.67	0.59	17	
0917	0919		12	825.3	20.4	6.64	0.72	35	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.10	12	1105

Comments: Dry at 8 gallons, recharged quickly

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

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 06/22/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 0843
BC Work Order: 1007786
Invoice ID: B082214

Enclosed are the results of analyses for samples received by the laboratory on 6/7/2010. 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

Table of Contents

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

10-07786

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 # 02807-451296818b
State: CA Zip:	Project #: 173845
Conoco Phillips Mgr: Terry Grayson	Sampler Name: A. Vidners

MATRIX: (GW) Ground-water, (S) Soil, (WW) Waste-water, (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled		MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M, Dissolved Manganese by 200.8	[redacted] Dissolved Chrom. by 6010	[redacted] TOC by 415.1	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B, Chrom VI by 7196	TPH –G by GC/MS, EDB/EDC by 8260B	specific conductance by 120.1	DO by SM4500-O, ORP by ASTM D1498	sulfate by 300.0, Nitrate by 300.0 [redacted]	Turnaround Time Requested
	1	MW-1AR	06/07/10	0944	GW		X	X	X	X	X	X	X	X	X	STD
	2	MW-1BR	↓	0951	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	
	3	MW-9	↓	1010	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	
	4	MW-10	↓	1020	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	
	5	MW-11	↓	1037	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	
	6	MW-7	↓	1055	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	
	7	MW-8	↓	1105	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	

Comments:	Relinquished by: (Signature)	Received by:	Date & Time
	[signature]	R. L. R[signature]	6-7-10 1500
GLOBAL ID: T0600102263	Relinquished by: (Signature) R. L. R[signature] 6-7-10 2115	Received by: [signature]	Date & Time 6/7/10 2115
	Relinquished by: (Signature)	Received by:	Date & Time

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

CHAIN OF CUSTODY

10-07786

Analysis Requested

Bill to: Conoco Phillips/ TRC

Address: 1629 Webster st.

City: Alameda

State: CA Zip:

Conoco Phillips Mgr: Terry Grayson

Consultant Firm: TRC
21 Technology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan

4-digit site#: 0843

Workorder # 02807-451296818.6

Project #: 173845

Sampler Name: A. Vidners

MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	Matrix	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	Total Manganese by 200.8	Total Chrom. by 6010	Ferrous Iron by 3500 FE+D	Turnaround Time Requested
	-1	MW-1AR	06/07/10 0944	GW								X	X	X	STD
	-2	MW-1BR	0951												
	-3	MW-9	1010												
	-4	MW-10	1026												
	-5	MW-11	1032												
	-6	MW-7	1055												
	-7	MW-8	1103												

Comments:

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by:	Date & Time
[signature]	R C Ruyuds	6-7-10 1500
R C Ruyuds 6-7-10 2115	[signature]	6/7/10 2115

Chain of Custody and Cooler Receipt Form for 1007786 Page 3 of 5

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

Submission #: 10-07786

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: PTA Thermometer ID: #170 Date/Time: 6/7/10 225

Temperature: A 1.0 °C / C 1.0 °C Analyst Init:

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

Comments:
Sample Numbering Completed By: _____ Date/Time: 6/7/10 233
A = Actual / C = Corrected

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Chain of Custody and Cooler Receipt Form for 1007786 Page 4 of 5

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 2 Of 3

Submission #: 10-07786

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: (N/A) Thermometer ID: #177 Date/Time: 6/7/10 2125

Temperature: A 2.3 °C / C 2.8 °C Analyst Init: [signature]

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

Comments:_____
Sample Numbering Completed By: [signature] Date/Time: 6/7/10 2213
A = Actual / C = Corrected

[H:\DOCS\WP60\LAB_DOCS\FORMS\SAMREC2.WPD]

Chain of Custody and Cooler Receipt Form for 1007786 Page 5 of 5

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

Submission #: 10-07786

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 PE Thermometer ID: #177 Date/Time: 6/4/10 2125

Temperature: A 2.7 °C / C 2.6 °C Analyst Init:

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

Comments:_____
Sample Numbering Completed By:_____ Date/Time: 6/4/10 2313
A = Actual / C = Corrected
[H:\DOCS\WP60\LAB_DOCS\FORMS\SAMREC2.WPD]

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1007786-01	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 09:44
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1AR	**Sample Matrix:** Water
	Sampled By:	TRCI	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:
1007786-02	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 09:51
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1BR	**Sample Matrix:** Water
	Sampled By:	TRCI	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:
1007786-03	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 10:10
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-9	**Sample Matrix:** Water
	Sampled By:	TRCI	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:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1007786-04	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 10:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-10	**Sample Matrix:** Water
	Sampled By:	TRCI	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:
1007786-05	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 10:32
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-11	**Sample Matrix:** Water
	Sampled By:	TRCI	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:
1007786-06	**COC Number:**	---	**Receive Date:** 06/07/2010 21:15
	Project Number:	0843	**Sampling Date:** 06/07/2010 10:55
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-7	**Sample Matrix:** Water
	Sampled By:	TRCI	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:

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information

1007786-07

COC Number: ---
Project Number: 0843
Sampling Location: ---
Sampling Point: MW-8
Sampled By: TRCI

Receive Date: 06/07/2010 21:15
Sampling Date: 06/07/2010 11:05
Sample Depth: ---
Sample Matrix: Water
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:

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Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-01 | **Client Sample Name:** 0843, MW-1AR, 6/7/2010 9:44:00AM

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	**200**	**ug/L**	**2.5**	**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	**120**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	94.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	92.0	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.0	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/11/10 07:51	KEA	MS-V10	1	BTF0671
2	EPA-8260	06/10/10	06/14/10 20:29	KEA	MS-V10	5	BTF0671

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Water Analysis (General Chemistry)

BCL Sample ID: 1007786-01 | **Client Sample Name:** 0843, MW-1AR, 6/7/2010 9:44:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	21	mg/L	0.44	EPA-300.0	ND		1
Sulfate	30	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	554	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	490	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	2.1	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	6.1	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	273.4	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 01:02	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 14:37	RML	MET-1	1	BTF0601
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 22:03	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:02	RML	MET-1	1	BTF0603

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Water Analysis (Metals)

BCL Sample ID: 1007786-01 | **Client Sample Name:** 0843, MW-1AR, 6/7/2010 9:44:00AM

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	**210**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	**25**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**450**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:30	TDC	KONE-1	1	BTF0678
2	EPA-6010B	06/09/10	06/14/10 15:35	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 15:49	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 10:36	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:33	PPS	PE-EL2	1	BTF0689

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-02 | **Client Sample Name:** 0843, MW-1BR, 6/7/2010 9:51:00AM

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	**320**	**ug/L**	**2.5**	**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	**180**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	94.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	94.1	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/11/10 07:33	KEA	MS-V10	1	BTF0671
2	EPA-8260	06/10/10	06/14/10 20:11	KEA	MS-V10	5	BTF0671

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Water Analysis (General Chemistry)

BCL Sample ID: 1007786-02 | **Client Sample Name:** 0843, MW-1BR, 6/7/2010 9:51:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	27	mg/L	0.44	EPA-300.0	ND		1
Sulfate	30	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	539	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	380	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	1.8	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	6.6	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	479.4	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 01:15	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 14:43	RML	MET-1	1	BTF0601
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 22:16	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:11	RML	MET-1	1	BTF0603

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Water Analysis (Metals)

BCL Sample ID: 1007786-02 | **Client Sample Name:** 0843, MW-1BR, 6/7/2010 9:51:00AM

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	**110**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	**26**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**180**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:36	TDC	KONE-1	1	BTF0678
2	EPA-6010B	06/09/10	06/14/10 15:46	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 15:51	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 10:59	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:36	PPS	PE-EL2	1	BTF0689

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-03 | **Client Sample Name:** 0843, MW-9, 6/7/2010 10:10:00AM

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	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.1	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/11/10 07:16	KEA	MS-V10	1	BTF0671

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Water Analysis (General Chemistry)

BCL Sample ID: 1007786-03 | **Client Sample Name:** 0843, MW-9, 6/7/2010 10:10:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	6.9	mg/L	0.44	EPA-300.0	ND		1
Sulfate	41	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	665	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	280	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	2.7	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.9	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	380.3	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 01:29	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 15:04	RML	MET-1	1	BTF0602
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 22:30	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:18	RML	MET-1	1	BTF0603

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Water Analysis (Metals)

BCL Sample ID: 1007786-03 | **Client Sample Name:** 0843, MW-9, 6/7/2010 10:10:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**6.1**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**200**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	**24**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1100**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:36	TDC	KONE-1	1	BTF0678
2	EPA-6010B	06/09/10	06/14/10 15:48	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 15:54	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 11:01	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:39	PPS	PE-EL2	1	BTF0689

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-04 | **Client Sample Name:** 0843, MW-10, 6/7/2010 10:20:00AM

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	**7.9**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/14/10 19:54	KEA	MS-V10	1	BTF0671

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1007786-04 | **Client Sample Name:** 0843, MW-10, 6/7/2010 10:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	10	mg/L	0.44	EPA-300.0	ND		1
Sulfate	29	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	490	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	260	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	2.0	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	8.1	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	379.1	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 01:43	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 15:17	RML	MET-1	1	BTF0602
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 20:43	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:25	RML	MET-1	1	BTF0603

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1007786-04 | **Client Sample Name:** 0843, MW-10, 6/7/2010 10:20:00AM

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	**18**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	**15**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**340**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:36	TDC	KONE-1	1	BTF0678
2	EPA-6010B	06/09/10	06/14/10 15:50	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 16:20	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 11:03	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:41	PPS	PE-EL2	1	BTF0689

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-05 | **Client Sample Name:** 0843, MW-11, 6/7/2010 10:32:00AM

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	**9500**	**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	ND	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	**4300**	**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)	111	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	97.0	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	96.7	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/15/10 00:23	KEA	MS-V10	20	BTF0671
2	EPA-8260	06/10/10	06/11/10 06:39	KEA	MS-V10	200	BTF0671

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1007786-05 | **Client Sample Name:** 0843, MW-11, 6/7/2010 10:32:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	1.5	mg/L	0.44	EPA-300.0	ND		1
Sulfate	20	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	737	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	310	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	3.0	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.0	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	501.3	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 01:56	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 15:23	RML	MET-1	1	BTF0602
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 22:43	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:29	RML	MET-1	1	BTF0603

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1007786-05 | **Client Sample Name:** 0843, MW-11, 6/7/2010 10:32:00AM

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	**280**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	ND	ug/L	10	EPA-6010B	ND		4
Total Recoverable Manganese	**980**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:36	TDC	KONE-1	1	BTF0678
2	EPA-6010B	06/09/10	06/14/10 15:56	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 16:23	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 11:05	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:44	PPS	PE-EL2	1	BTF0689

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-06 | **Client Sample Name:** 0843, MW-7, 6/7/2010 10:55:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	12	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	12	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	12	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	12	EPA-8260	ND	A01	1
Methyl t-butyl ether	**16000**	**ug/L**	**100**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	12	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	25	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	12	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	250	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	12	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	6200	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	12	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**7100**	**ug/L**	**1200**	**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)	101	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	93.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	96.2	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/15/10 00:05	KEA	MS-V10	25	BTF0671
2	EPA-8260	06/10/10	06/11/10 06:21	KEA	MS-V10	200	BTF0671

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1007786-06 | **Client Sample Name:** 0843, MW-7, 6/7/2010 10:55:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	4.1	mg/L	0.44	EPA-300.0	ND		1
Sulfate	72	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	801	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	1200	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	3.9	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)	342.6	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 02:10	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 15:29	RML	MET-1	1	BTF0602
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0492
4	EPA-415.1	06/09/10	06/09/10 22:57	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:33	RML	MET-1	1	BTF0603

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1007786-06 | **Client Sample Name:** 0843, MW-7, 6/7/2010 10:55:00AM

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
Dissolved Manganese	**1200**	**ug/L**	**2.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**11**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1500**	**ug/L**	**2.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:52	TDC	KONE-1	1	BTF0679
2	EPA-6010B	06/09/10	06/14/10 15:58	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 16:26	PPS	PE-EL1	2	BTF1025
4	EPA-6010B	06/11/10	06/14/10 11:15	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/10/10	06/16/10 18:47	PPS	PE-EL2	2	BTF0689

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1007786-07 | **Client Sample Name:** 0843, MW-8, 6/7/2010 11:05:00AM

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	**9000**	**ug/L**	**50**	**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	ND	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	**4200**	**ug/L**	**1000**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	94.8	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.4	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	06/10/10	06/14/10 20:47	KEA	MS-V10	20	BTF0671
2	EPA-8260	06/10/10	06/11/10 06:04	KEA	MS-V10	100	BTF0671

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Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1007786-07 | **Client Sample Name:** 0843, MW-8, 6/7/2010 11:05:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	6.1	mg/L	0.44	EPA-300.0	ND		1
Sulfate	81	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	791	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	620	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	4.0	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	8.3	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	350.3	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	06/07/10	06/08/10 02:23	SDU	IC2	1	BTF0504
2	EPA-120.1	06/08/10	06/08/10 15:35	RML	MET-1	1	BTF0602
3	SM-3500-FeD	06/08/10	06/08/10 04:00	MRM	SPEC05	1	BTF0493
4	EPA-415.1	06/09/10	06/09/10 23:10	CDR	TOC2	1	BTF0736
5	SM-4500OG	06/08/10	06/08/10 07:30	HPR	YSI-57	1	BTF0627
6	ASTM-D1498	06/08/10	06/08/10 10:44	RML	MET-1	1	BTF0603

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Reported: 06/22/2010 11:29
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1007786-07 | **Client Sample Name:** 0843, MW-8, 6/7/2010 11:05:00AM

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	**870**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		3
Total Chromium	**21**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1200**	**ug/L**	**1.0**	**EPA-200.8**	**ND**		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	06/08/10	06/08/10 07:52	TDC	KONE-1	1	BTF0679
2	EPA-6010B	06/09/10	06/14/10 16:00	ARD	PE-OP1	1	BTF0810
3	EPA-200.8	06/09/10	06/18/10 16:29	PPS	PE-EL1	1	BTF1025
4	EPA-6010B	06/11/10	06/14/10 11:17	ARD	PE-OP1	1	BTF0808
5	EPA-200.8	06/11/10	06/21/10 17:21	PPS	PE-EL1	1	BTF0814

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Project: 0843
Project Number: 4512968186
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: BTF0671						
Benzene	BTF0671-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BTF0671-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTF0671-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTF0671-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTF0671-BLK1	ND	ug/L	0.50		
Toluene	BTF0671-BLK1	ND	ug/L	0.50		
Total Xylenes	BTF0671-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BTF0671-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BTF0671-BLK1	ND	ug/L	10		
Diisopropyl ether	BTF0671-BLK1	ND	ug/L	0.50		
Ethanol	BTF0671-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BTF0671-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BTF0671-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTF0671-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTF0671-BLK1	95.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTF0671-BLK1	97.3	%	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: BTF0671										
Benzene	BTF0671-BS1	LCS	27.130	25.000	ug/L	109		70 - 130		
Toluene	BTF0671-BS1	LCS	26.430	25.000	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTF0671-BS1	LCS	10.470	10.000	ug/L	105		76 - 114		
Toluene-d8 (Surrogate)	BTF0671-BS1	LCS	9.9400	10.000	ug/L	99.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTF0671-BS1	LCS	10.400	10.000	ug/L	104		86 - 115		

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Project Number: 4512968186
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: BTF0671	Used client sample: N										
Benzene	MS	1007897-02	ND	25.860	25.000	ug/L		103		70 - 130	
	MSD	1007897-02	ND	26.460	25.000	ug/L	2.3	106	20	70 - 130	
Toluene	MS	1007897-02	ND	25.270	25.000	ug/L		101		70 - 130	
	MSD	1007897-02	ND	24.220	25.000	ug/L	4.2	96.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1007897-02	ND	10.430	10.000	ug/L		104		76 - 114	
	MSD	1007897-02	ND	10.500	10.000	ug/L		105		76 - 114	
Toluene-d8 (Surrogate)	MS	1007897-02	ND	10.040	10.000	ug/L		100		88 - 110	
	MSD	1007897-02	ND	9.7500	10.000	ug/L		97.5		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1007897-02	ND	10.080	10.000	ug/L		101		86 - 115	
	MSD	1007897-02	ND	10.230	10.000	ug/L		102		86 - 115	

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Project Manager: Anju Farfan

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BTF0492						
Iron (II) Species	BTF0492-BLK1	ND	ug/L	100		
QC Batch ID: BTF0493						
Iron (II) Species	BTF0493-BLK1	ND	ug/L	100		
QC Batch ID: BTF0504						
Nitrate as NO3	BTF0504-BLK1	ND	mg/L	0.44		
Sulfate	BTF0504-BLK1	ND	mg/L	1.0		
QC Batch ID: BTF0736						
Non-Volatile Organic Carbon	BTF0736-BLK1	ND	mg/L	0.30		

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Project Number: 4512968186
Project Manager: Anju Farfan

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: BTF0492										
Iron (II) Species	BTF0492-BS1	LCS	1937.3	2000.0	ug/L	96.9		90 - 110		
QC Batch ID: BTF0493										
Iron (II) Species	BTF0493-BS1	LCS	1937.3	2000.0	ug/L	96.9		90 - 110		
QC Batch ID: BTF0504										
Nitrate as NO3	BTF0504-BS1	LCS	23.037	22.134	mg/L	104		90 - 110		
Sulfate	BTF0504-BS1	LCS	99.600	100.00	mg/L	99.6		90 - 110		
QC Batch ID: BTF0601										
Electrical Conductivity @ 25 C	BTF0601-BS1	LCS	305.50	303.00	umhos/cm	101		90 - 110		
QC Batch ID: BTF0602										
Electrical Conductivity @ 25 C	BTF0602-BS1	LCS	307.90	303.00	umhos/cm	102		90 - 110		
QC Batch ID: BTF0736										
Non-Volatile Organic Carbon	BTF0736-BS1	LCS	5.1720	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: BTF0492	Used client sample: Y - Description: OW-1, 06/07/2010 09:35										
Iron (II) Species	DUP	1007758-01	171.30	180.22		ug/L	5.1		10		
QC Batch ID: BTF0493	Used client sample: Y - Description: MW-8, 06/07/2010 11:05										
Iron (II) Species	DUP	1007786-07	617.25	608.33		ug/L	1.5		10		
QC Batch ID: BTF0504	Used client sample: N										
Nitrate as NO3	DUP	1007760-01	ND	ND		mg/L			10		
	MS	1007760-01	ND	22.393	22.358	mg/L		100		80 - 120	
	MSD	1007760-01	ND	22.420	22.358	mg/L	0.1	100	10	80 - 120	
Sulfate	DUP	1007760-01	291.10	291.64		mg/L	0.2		10		
	MS	1007760-01	291.10	389.39	101.01	mg/L		97.3		80 - 120	
	MSD	1007760-01	291.10	386.57	101.01	mg/L	2.9	94.5	10	80 - 120	
QC Batch ID: BTF0601	Used client sample: N										
Electrical Conductivity @ 25 C	DUP	1007763-01	643.00	643.30		umhos/cm	0.0		10		
QC Batch ID: BTF0602	Used client sample: Y - Description: MW-9, 06/07/2010 10:10										
Electrical Conductivity @ 25 C	DUP	1007786-03	665.40	649.50		umhos/cm	2.4		10		
QC Batch ID: BTF0603	Used client sample: Y - Description: MW-1AR, 06/07/2010 09:44										
Oxidation Reduction Potential (Eobs_Ag/Ag	DUP	1007786-01	273.40	276.07		mV	1.0		10		
QC Batch ID: BTF0627	Used client sample: Y - Description: MW-1AR, 06/07/2010 09:44										
Dissolved Oxygen	DUP	1007786-01	6.1000	6.1000		mg O/L	0		10		S05
QC Batch ID: BTF0736	Used client sample: Y - Description: MW-10, 06/07/2010 10:20										
Non-Volatile Organic Carbon	DUP	1007786-04	1.9570	1.9490		mg/L	0.4		10		
	MS	1007786-04	1.9570	7.0352	5.0251	mg/L		101		80 - 120	
	MSD	1007786-04	1.9570	7.0523	5.0251	mg/L	0.3	101	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: BTF0678						
Hexavalent Chromium	BTF0678-BLK1	ND	ug/L	2.0		
QC Batch ID: BTF0679						
Hexavalent Chromium	BTF0679-BLK1	ND	ug/L	2.0		
QC Batch ID: BTF0689						
Total Recoverable Manganese	BTF0689-BLK2	ND	ug/L	1.0		
QC Batch ID: BTF0808						
Total Chromium	BTF0808-BLK1	ND	ug/L	10		
QC Batch ID: BTF0810						
Dissolved Chromium	BTF0810-BLK1	ND	ug/L	10		
QC Batch ID: BTF0814						
Total Recoverable Manganese	BTF0814-BLK1	ND	ug/L	1.0		
QC Batch ID: BTF1025						
Dissolved Manganese	BTF1025-BLK2	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: BTF0678										
Hexavalent Chromium	BTF0678-BS1	LCS	51.360	50.000	ug/L	103		85 - 115		
QC Batch ID: BTF0679										
Hexavalent Chromium	BTF0679-BS1	LCS	51.463	50.000	ug/L	103		85 - 115		
QC Batch ID: BTF0689										
Total Recoverable Manganese	BTF0689-BS2	LCS	100.26	100.00	ug/L	100		85 - 115		
QC Batch ID: BTF0808										
Total Chromium	BTF0808-BS1	LCS	195.90	200.00	ug/L	98.0		85 - 115		
QC Batch ID: BTF0810										
Dissolved Chromium	BTF0810-BS1	LCS	202.61	200.00	ug/L	101		85 - 115		
QC Batch ID: BTF0814										
Total Recoverable Manganese	BTF0814-BS1	LCS	111.02	100.00	ug/L	111		85 - 115		
QC Batch ID: BTF1025										
Dissolved Manganese	BTF1025-BS2	LCS	98.103	100.00	ug/L	98.1		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: BTF0678	Used client sample: Y - Description: OW-1, 06/07/2010 09:35										
Hexavalent Chromium	DUP	1007758-01	ND	ND		ug/L			10		
	MS	1007758-01	ND	49.780	52.632	ug/L		94.6		85 - 115	
	MSD	1007758-01	ND	48.629	52.632	ug/L	2.3	92.4	10	85 - 115	
QC Batch ID: BTF0679	Used client sample: Y - Description: MW-7, 06/07/2010 10:55										
Hexavalent Chromium	DUP	1007786-06	ND	ND		ug/L			10		
	MS	1007786-06	ND	52.380	52.632	ug/L		99.5		85 - 115	
	MSD	1007786-06	ND	50.266	52.632	ug/L	4.1	95.5	10	85 - 115	
QC Batch ID: BTF0689	Used client sample: N										
Total Recoverable Manganese	DUP	1007739-01	16.563	15.985		ug/L	3.6		20		
	MS	1007739-01	16.563	123.90	100.00	ug/L		107		70 - 130	
	MSD	1007739-01	16.563	123.34	100.00	ug/L	0.5	107	20	70 - 130	
QC Batch ID: BTF0808	Used client sample: N										
Total Chromium	DUP	1007974-01	ND	ND		ug/L			20		
	MS	1007974-01	ND	204.95	200.00	ug/L		102		75 - 125	
	MSD	1007974-01	ND	217.00	200.00	ug/L	5.7	108	20	75 - 125	
QC Batch ID: BTF0810	Used client sample: Y - Description: MW-1AR, 06/07/2010 09:44										
Dissolved Chromium	DUP	1007786-01	ND	ND		ug/L			20		
	MS	1007786-01	ND	203.27	204.08	ug/L		99.6		75 - 125	
	MSD	1007786-01	ND	202.35	204.08	ug/L	0.5	99.2	20	75 - 125	
QC Batch ID: BTF0814	Used client sample: N										
Total Recoverable Manganese	DUP	1007908-02	21.352	21.778		ug/L	2.0		20		
	MS	1007908-02	21.352	124.62	100.00	ug/L		103		70 - 130	
	MSD	1007908-02	21.352	126.28	100.00	ug/L	1.6	105	20	70 - 130	
QC Batch ID: BTF1025	Used client sample: Y - Description: MW-9R, 06/10/2010 07:00										
Dissolved Manganese	DUP	1008069-06	3276.5	3330.6		ug/L	1.6		20		
	MS	1008069-06	3276.5	4180.3	1020.4	ug/L		88.6		70 - 130	
	MSD	1008069-06	3276.5	4191.0	1020.4	ug/L	1.2	89.6	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.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.
S05	The sample holding time was exceeded.

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.