ConocoPhillips
76 Broadway
Sacramento, California 95818

RECEIVED

11:40 am, Jan 20, 2011
Alameda County
Environmental Health

January 6, 2011

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

Attention: Ms. Barbara Jakub

Re: **4th Quarter 2010 – Quarterly Summary Report**
76 Service Station #0843
1629 Webster Street
Alameda, CA

Dear Ms. Jakub:

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

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

Sincerely,

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

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

January 6, 2011

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

RE: QUARTERLY SUMMARY REPORT
Fourth Quarter 2010
Fuel Leak Case No. RO0000450

Dear Ms. Jakub:

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

On behalf of ConocoPhillips Company (COP), Antea Group (Antea) is submitting the *Quarterly Summary Report – Fourth Quarter 2010*, and forwarding a copy of TRC Solutions, Inc. (TRC's) *Groundwater Monitoring Report – October through December 2010,* dated December 21, 2010 for the following location:

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

Sincerely,
Antea Group

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

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/12
GEOLOGY
STATE OF CALIFORNIA

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

Inogen

QUARTERLY SUMMARY REPORT
Fourth 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

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

During the most recent groundwater monitoring and sampling event conducted by TRC on November 11, 2010, all twelve wells were monitored while seven wells were sampled. Depth to groundwater ranged from 6.36 feet (MW-5) to 8.46 feet (MW-1BR) below top of casing (TOC). Average groundwater elevation was 10.66 feet above mean sea level, a decrease of 0.89 feet from the previous sampling event (8/3/10). The groundwater gradient and flow direction were interpreted to be 0.004 feet per foot (ft/ft) to the northeast. This is inconsistent with a gradient and flow direction of 0.005 ft/ft to the north during the previous sampling event. However, this is consistent with historical groundwater flow direction trends which are predominantly north and northeast. A historical groundwater flow direction rose diagram is included 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 four of the seven wells sampled with a maximum concentration of 2,600 micrograms per liter (µg/L) in MW-7 during the current sampling event. This is an increase from a maximum concentration of 1,600 µg/L in MW-7 during the previous sampling event (8/3/10). Wells MW-1BR, MW-9, and MW-11 were reported with concentrations of 75 µg/L, 83 µg/L, and 1,600 µg/L, respectively, during the current sampling event.

- **BTEX:** Benzene, toluene, ethylbenzene, and total xylenes were all below laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled during the current sampling event. This is consistent with the previous three sampling events (6/7/10, 2/5/10, 8/3/10).

- **MTBE:** MTBE was above laboratory indicated reporting limits in groundwater samples collected from all of the seven wells sampled with a maximum concentration of 13,000 µg/L in MW-7 during the current sampling event. This is an increase from a maximum concentration of 12,000 µg/L in MW-7 during the previous sampling event. Wells MW-1AR, MW-1BR, MW-8, MW-9, MW-10, and MW-11 were reported with concentrations of 120, µg/L, 230 µg/L, 4,900 µg/L, 270 µg/L, 1.6 µg/L and 6,100 µg/L, respectively, during the current sampling event.

- **TBA:** TBA was above laboratory indicated reporting limits in groundwater sampled collected from one of the seven wells sampled with a maximum concentration of 1,200 µg/L in MW-7 during the current sampling event. This is a decrease from a maximum concentration of 1,400 µg/L in MW-7 during the previous sampling event.

- **Other Fuel Oxygenates:** EDB, 1,2-DCA, DIPE, ETBE, TAME, and Ethanol were all below laboratory indicated reporting limits in groundwater samples collected from all seven wells sampled during the current sampling event. This is consistent with the previous two sampling events (2/5/10, 8/3/10).

- **Biodegradation Parameters:** Sulfate levels ranged from 23 mg/L in MW-11 to 83 mg/L in MW-8, while nitrate levels ranged from non-detection in MW-1BR to 20 mg/L in MW-1AR. Pre-purge DO ranged from 0.98 mg/L in MW-8 to 4.23 mg/L in MW-10, while pre-purge ORP ranged from 176 mV in MW-7 to 212 mV in MW-1BR.

A copy of TRC's *Quarterly Monitoring Report – October through December 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.

Residual impact in soil appears to be localized around MW-7. As such, Delta has proposed to advance 5 shallow soil borings in the vicinity of MW-7 to assess remaining impact, and assess the potential need for localized excavation. Delta has also proposed the use of ozone/oxygen injection for remediation of the rest of the site.

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 assessment and possible excavation in the vicinity of MW-7 as the most viable remedial alternative for this site.

RECENT CORRESPONDENCE

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

FOURTH QUARTER 2010 ACTIVITIES

1. TRC performed the quarterly monitoring and sampling activities at the site on November 11, 2010, and prepared their results in *Groundwater Monitoring Report – October through December 2010*, dated December 21, 2010

2. Antea prepared a *Quarterly Summary Report – Fourth Quarter 2010*.

FIRST QUARTER 2011 PLANNED ACTIVITIES

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

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

3. Antea will oversee the advancement of 5 soil borings in the vicinity of MW-7, in order to assess residual hydrocarbon impact in soil in the area, and assess the potential need for localized excavation.

REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Antea's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea, the data from those reports is used "as is" and is

assumed to be accurate. Antea does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Antea's Client and anyone else specifically listed on this report. Antea will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea makes no express or implied warranty as to the contents of this report.

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

CONSULTANT: Antea Group

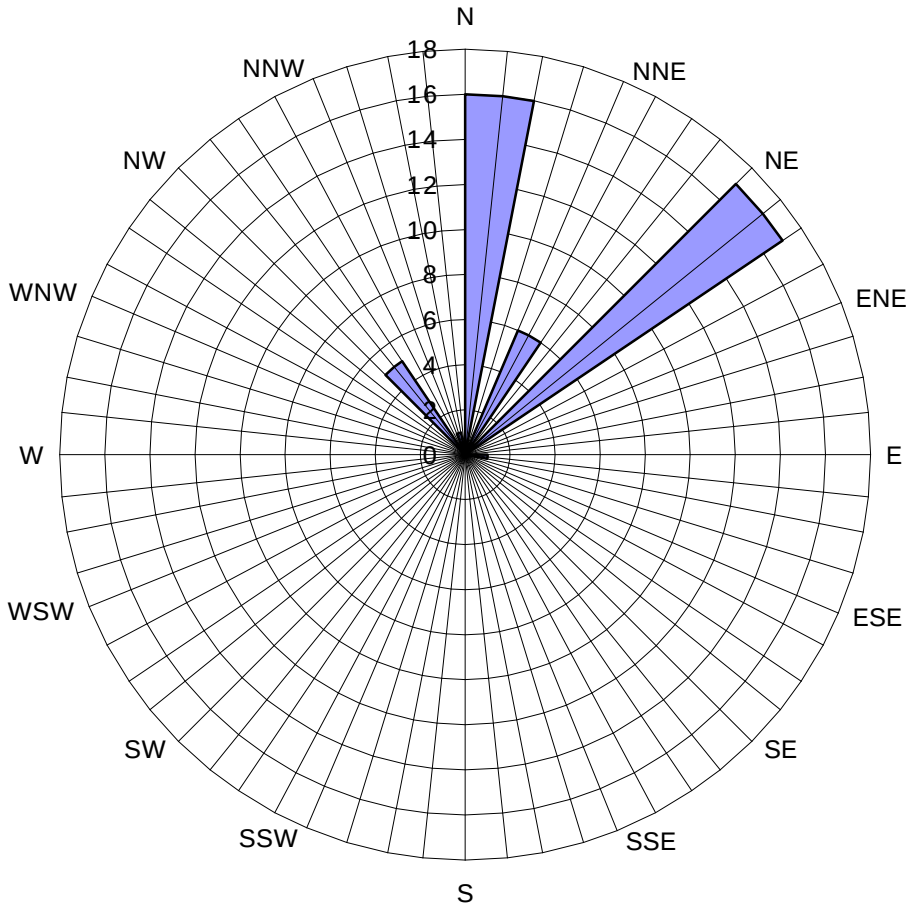
******

ATTACHMENTS

Attachment A – Historic Groundwater Flow Directions Rose Diagram
Attachment B – Groundwater Monitoring Report – October through December 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
Fourth Quarter 2010.
46 data points shown.

ATTACHMENT B
Groundwater Monitoring Report – October through December 2010

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: December 21, 2010

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

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

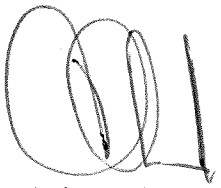
RE: GROUNDWATER MONITORING REPORT
OCTOBER THROUGH DECEMBER 2010

Dear Mr. Borgh:

Please find enclosed our Groundwater Monitoring Report for Former 76 Station 0843, located at 1629 Webster Street, Alameda, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC



Anju Farfan
Groundwater Program Operations Manager

CC: Mr. James Barnard, Delta Consultants (2 copies)

Enclosures
20-0400/0843R30.QMS

GROUNDWATER MONITORING REPORT
OCTOBER THROUGH DECEMBER 2010

FORMER 76 STATION 0843
1629 Webster Street
Alameda, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations

Date: 12/20/10

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

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 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 – 11/12/10 Groundwater Sampling Field Notes – 11/12/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

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

Project Coordinator: **Bill Borgh**
Telephone: **916-558-7612**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **11/11/2010**

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: **6.36 feet** Maximum: **8.46 feet**
Average groundwater elevation (relative to available local datum): **10.66 feet**
Average change in groundwater elevation since previous event: **-0.89 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.004 ft/ft, northeast**
Previous event: **0.005 ft/ft, north (8/3/2010)**

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** **4** Maximum: **2,600 µg/l (MW-7)**
Sample Points with **MTBE 8260B** **7** Maximum: **13,000 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

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)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Carbon (organic, total)	Chromium VI	Chromium (total)	Chromium (dissolved)
Table 2b	Well/ Date	Iron Ferrous	Manganese (dissolved)	Manganese (total)	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

November 11, 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)**											
11/11/2010	19.13	8.13	0.00	11.00	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-1AR			**(Screen Interval in feet: 25-30)**											
11/11/2010	19.29	8.20	0.00	11.09	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
MW-1BR			**(Screen Interval in feet: 30-35)**											
11/11/2010	19.13	8.46	0.00	10.67	-1.02	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	230	
MW-3			**(Screen Interval in feet: 5.0-20.0)**											
11/11/2010	18.05	7.40	0.00	10.65	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
11/11/2010	18.14	7.42	0.00	10.72	-0.95	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-5			**(Screen Interval in feet: 5-20)**											
11/11/2010	16.45	6.36	0.00	10.09	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-6			**(Screen Interval in feet: 5-20)**											
11/11/2010	16.97	6.54	0.00	10.43	-0.58	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-7			**(Screen Interval in feet: 25-30)**											
11/11/2010	17.81	7.23	0.00	10.58	-0.87	--	2600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	13000	
MW-8			**(Screen Interval in feet: 25-30)**											
11/11/2010	18.13	7.60	0.00	10.53	-1.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	4900	
MW-9			**(Screen Interval in feet: 20-25)**											
11/11/2010	18.75	8.02	0.00	10.73	-1.02	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	270	
MW-10			**(Screen Interval in feet: 25-30)**											
11/11/2010	18.84	8.16	0.00	10.68	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
MW-11			**(Screen Interval in feet: 25-30)**											
11/11/2010	18.72	8.00	0.00	10.72	-1.10	--	1600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6100	

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												
11/11/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.3	ND<2.0	14	ND<10	370
MW-1BR												
11/11/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	ND<2.0	12	ND<10	250
MW-7												
11/11/2010	1200	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4.1	ND<2.0	27	ND<10	2000
MW-8												
11/11/2010	ND<1000	ND<25000	ND<50	ND<50	ND<50	ND<50	ND<50	3.7	ND<2.0	46	ND<10	430
MW-9												
11/11/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.4	2.6	24	ND<10	ND<500
MW-10												
11/11/2010	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	10	20	11	ND<100
MW-11												
11/11/2010	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.8	ND<2.0	17	ND<10	990

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											
11/11/2010	210	330	20	31	7.6	206.5	545	2.67	2.46	204	216
MW-1BR											
11/11/2010	130	170	ND<0.44	28	7.0	227.8	540	1.78	1.43	212	212
MW-7											
11/11/2010	1000	1000	2.3	67	6.3	54.88	740	1.45	2.32	176	190
MW-8											
11/11/2010	810	1000	5.2	83	7.7	229.2	724	1.31	0.98	179	170
MW-9											
11/11/2010	180	1000	6.0	35	6.5	217.8	686	1.92	2.72	201	207
MW-10											
11/11/2010	9.2	160	13	28	7.6	175.6	529	3.07	4.23	190	207
MW-11											
11/11/2010	610	830	2.7	23	6.6	145.0	718	0.60	2.02	192	211

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through November 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 November 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
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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
8/3/2010	19.13	7.20	0.00	11.93	-0.62	--	280	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	1400	
11/11/2010	19.13	8.13	0.00	11.00	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-1AR			**(Screen Interval in feet: 25-30)**											
5/28/2009	19.29	7.25	0.00	12.04	--	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	930	
9/14/2009	19.29	7.83	0.00	11.46	-0.58	--	480	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	890	
11/13/2009	19.29	8.07	0.00	11.22	-0.24	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	580	
2/5/2010	19.29	7.15	0.00	12.14	0.92	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	350	
6/7/2010	19.29	6.90	0.00	12.39	0.25	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	200	
8/3/2010	19.29	7.48	0.00	11.81	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	81	
11/11/2010	19.29	8.20	0.00	11.09	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
MW-1BR			**(Screen Interval in feet: 30-35)**											
5/28/2009	19.13	6.70	0.00	12.43	--	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	810	
9/14/2009	19.13	7.80	0.00	11.33	-1.10	--	450	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	680	
11/13/2009	19.13	7.88	0.00	11.25	-0.08	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	490	
2/5/2010	19.13	7.84	0.00	11.29	0.04	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	280	
6/7/2010	19.13	7.28	0.00	11.85	0.56	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	320	
8/3/2010	19.13	7.44	0.00	11.69	-0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	280	
11/11/2010	19.13	8.46	0.00	10.67	-1.02	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	230	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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														
9/2/1999	15.57	6.85	0.00	8.72	-0.89	17000	--	1000	3100	1400	3700	4000	3720	
12/14/1999	15.57	7.65	0.00	7.92	-0.80	83000	--	3000	22000	4500	17000	9100	11000	
3/14/2000	15.57	5.26	0.00	10.31	2.39	31000	--	1600	4600	2300	7300	5700	8700	
5/31/2000	15.57	5.60	0.00	9.97	-0.34	9970	--	598	1030	487	2060	2500	1670	
8/29/2000	15.57	6.35	0.00	9.22	-0.75	7900	--	390	1500	280	1900	1800	1300	
12/1/2000	15.57	7.06	0.00	8.51	-0.71	87500	--	1860	17400	5590	19400	6220	3790	
3/17/2001	15.57	5.98	0.00	9.59	1.08	4310	--	371	59.0	280	682	321	433	
5/23/2001	15.57	6.97	0.00	8.60	-0.99	45400	--	374	4490	2790	10900	ND	406	
9/24/2001	15.57	7.56	0.00	8.01	-0.59	76000	--	430	13000	4700	18000	ND<2000	480	
12/10/2001	15.57	6.52	0.00	9.05	1.04	82000	--	320	9100	4400	16000	ND<2500	270	
3/11/2002	15.57	5.51	0.00	10.06	1.01	14000	--	75	1400	1100	3600	ND<250	150	
6/7/2002	15.57	5.73	0.00	9.84	-0.22	14000	--	120	1200	1400	4700	540	200	
9/3/2002	15.57	6.81	0.00	8.76	-1.08	10000	--	150	1200	610	2800	510	460	
12/12/2002	15.57	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed; Replaced with MW-2A
MW-2A			**(Screen Interval in feet: 5-11.5)**											
12/12/2002	15.56	7.45	0.00	8.11	--	3400	--	80	260	210	1000	380	400	
3/13/2003	--	5.85	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1.8	2.4	2.4	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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-2A continued														
9/17/2004	15.56	7.16	0.00	8.40	-0.95	--	230	3.5	6.1	13	41	--	83	
12/11/2004	15.56	5.84	0.00	9.72	1.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
3/15/2005	15.56	5.52	0.00	10.04	0.32	--	92	0.84	1.7	2.4	9.8	--	ND<10	
5/17/2005	15.56	5.55	0.00	10.01	-0.03	--	54	2.1	1.7	1.9	7.0	--	2.9	
7/27/2005	15.56	6.16	0.00	9.40	-0.61	--	ND<50	0.66	1.1	1.3	4.2	--	3.7	
11/23/2005	15.56	6.88	0.00	8.68	-0.72	--	120	1.3	2.8	7.8	30	--	10	
2/24/2006	15.56	5.79	0.00	9.77	1.09	--	84	0.51	1.2	4.2	16	--	7.2	
5/30/2006	15.56	5.62	0.00	9.94	0.17	--	69	0.90	2.2	3.7	14	--	4.1	
8/30/2006	15.56	6.38	0.00	9.18	-0.76	--	77	ND<0.50	0.50	1.0	3.3	--	2.5	
11/22/2006	15.56	6.60	0.00	8.96	-0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	2.2	--	0.59	
2/23/2007	15.56	6.05	0.00	9.51	0.55	--	ND<50	ND<0.50	0.66	ND<0.50	1.1	--	0.72	
5/18/2007	15.56	6.29	0.00	9.27	-0.24	--	ND<50	ND<0.50	ND<0.50	0.68	1.6	--	0.81	
8/10/2007	15.56	6.90	0.00	8.66	-0.61	--	ND<50	ND<0.50	ND<0.50	1.6	3.9	--	ND<0.50	
11/9/2007	15.56	6.96	0.00	8.60	-0.06	--	ND<50	ND<0.50	ND<0.50	2.4	4.4	--	ND<0.50	
2/8/2008	15.56	5.76	0.00	9.80	1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.56	6.50	0.00	9.06	-0.74	--	ND<50	ND<0.50	ND<0.50	0.56	1.2	--	ND<0.50	
8/15/2008	15.56	7.35	0.00	8.21	-0.85	--	78	ND<0.50	0.79	2.9	6.5	--	ND<0.50	
11/26/2008	15.56	8.12	0.00	7.44	-0.77	--	120	0.56	0.66	4.6	6.0	--	1.8	
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	

Table 2
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March 1999 Through November 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														
12/14/1999	15.11	7.28	0.00	7.83	-0.78	ND	--	ND	ND	ND	ND	ND	--	
3/14/2000	15.11	4.87	0.00	10.24	2.41	ND	--	ND	ND	ND	ND	7.2	6.3	
5/31/2000	15.11	5.58	0.00	9.53	-0.71	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	15.11	6.06	0.00	9.05	-0.48	ND	--	ND	ND	ND	ND	ND	ND	
12/1/2000	15.11	6.76	0.00	8.35	-0.70	ND	--	ND	ND	ND	ND	ND	--	
3/17/2001	15.11	5.09	0.00	10.02	1.67	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	15.11	5.72	0.00	9.39	-0.63	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	15.11	6.34	0.00	8.77	-0.62	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	15.11	6.31	0.00	8.80	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
3/11/2002	15.11	5.15	0.00	9.96	1.16	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	15.11	5.45	0.00	9.66	-0.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/12/2002	15.11	7.15	0.00	7.96	-1.70	--	--	--	--	--	--	--	--	No longer sampled
3/13/2003	15.11	5.37	0.00	9.74	1.78	--	--	--	--	--	--	--	--	
6/12/2003	15.11	5.51	0.00	9.60	-0.14	--	--	--	--	--	--	--	--	
9/12/2003	15.11	6.03	0.00	9.08	-0.52	--	--	--	--	--	--	--	--	
12/31/2003	15.11	5.62	0.00	9.49	0.41	--	--	--	--	--	--	--	--	Monitored only
2/12/2004	15.11	5.51	0.00	9.60	0.11	--	--	--	--	--	--	--	--	Monitored only
6/7/2004	15.11	5.92	0.00	9.19	-0.41	--	--	--	--	--	--	--	--	Monitored only
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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														
11/23/2005	15.11	6.60	0.00	8.51	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2006	15.11	5.37	0.00	9.74	1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
5/30/2006	15.11	5.08	0.00	10.03	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.92	
8/30/2006	15.11	5.52	0.00	9.59	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	
11/22/2006	15.11	6.38	0.00	8.73	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.94	
2/23/2007	15.11	5.72	0.00	9.39	0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	
5/18/2007	15.11	5.94	0.00	9.17	-0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
8/10/2007	15.11	7.64	0.00	7.47	-1.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	15.11	6.75	0.00	8.36	0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
2/8/2008	15.11	5.39	0.00	9.72	1.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.11	6.17	0.00	8.94	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
8/15/2008	15.11	7.01	0.00	8.10	-0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
11/26/2008	15.11	7.73	0.00	7.38	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
2/24/2009	18.05	5.98	0.00	12.07	4.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
5/28/2009	18.05	5.64	0.00	12.41	0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	18.05	6.88	0.00	11.17	-1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	18.05	7.02	0.00	11.03	-0.14	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	18.05	6.02	0.00	12.03	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.9	
6/7/2010	18.05	5.92	0.00	12.13	0.10	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	18.05	6.47	0.00	11.58	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.78	
11/11/2010	18.05	7.40	0.00	10.65	-0.93	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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														
6/3/1999	15.17	5.45	0.00	9.72	--	ND	--	ND	ND	ND	ND	ND	3.96	
9/2/1999	15.17	6.48	0.00	8.69	-1.03	ND	--	ND	ND	ND	ND	23	27	
12/14/1999	15.17	7.27	0.00	7.90	-0.79	ND	--	ND	ND	ND	ND	200	270	
3/14/2000	15.17	4.67	0.00	10.50	2.60	ND	--	ND	ND	ND	ND	46	49	
5/31/2000	15.17	5.48	0.00	9.69	-0.81	ND	--	ND	ND	ND	ND	ND	--	
8/29/2000	15.17	6.10	0.00	9.07	-0.62	ND	--	ND	ND	ND	ND	6.1	3.2	
12/1/2000	15.17	6.79	0.00	8.38	-0.69	ND	--	ND	ND	ND	ND	152	101	
3/17/2001	15.17	5.01	0.00	10.16	1.78	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	15.17	5.78	0.00	9.39	-0.77	ND	--	ND	ND	ND	ND	ND	--	
9/24/2001	15.17	6.42	0.00	8.75	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
12/10/2001	15.17	6.41	0.00	8.76	0.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1700	1300	
3/11/2002	15.17	5.05	0.00	10.12	1.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
6/7/2002	15.17	5.42	0.00	9.75	-0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
9/3/2002	15.17	6.50	0.00	8.67	-1.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/12/2002	15.17	7.18	0.00	7.99	-0.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.9	3.3	
3/13/2003	15.17	5.42	0.00	9.75	1.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
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	

Table 2
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March 1999 Through November 2010
Former 76 Station 0843

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MW-4 continued														
3/11/2005	15.17	4.61	0.00	10.56	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/17/2005	15.17	4.93	0.00	10.24	-0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/27/2005	15.17	5.74	0.00	9.43	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/2005	15.17	6.59	0.00	8.58	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
2/24/2006	15.17	5.19	0.00	9.98	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.7	
5/30/2006	15.17	5.07	0.00	10.10	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/30/2006	15.17	6.02	0.00	9.15	-0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/22/2006	15.17	6.37	0.00	8.80	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	16	
2/23/2007	15.17	5.61	0.00	9.56	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
5/18/2007	15.17	5.87	0.00	9.30	-0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
8/10/2007	15.17	7.49	0.00	7.68	-1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	15.17	6.77	0.00	8.40	0.72	--	50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	39	
2/8/2008	15.17	5.10	0.00	10.07	1.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	15.17	6.06	0.00	9.11	-0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/15/2008	15.17	6.91	0.00	8.26	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
11/26/2008	15.17	7.71	0.00	7.46	-0.80	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
2/24/2009	18.14	5.96	0.00	12.18	4.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.8	
5/28/2009	18.14	5.70	0.00	12.44	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	18.14	6.76	0.00	11.38	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	18.14	6.97	0.00	11.17	-0.21	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	18.14	5.55	0.00	12.59	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	
6/7/2010	18.14	5.78	0.00	12.36	-0.23	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	18.14	6.47	0.00	11.67	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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MW-4 continued														
11/11/2010	18.14	7.42	0.00	10.72	-0.95	--	--	--	--	--	--	--	--	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	--	
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

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MW-5 continued														
3/11/2005	13.34	4.96	0.00	8.38	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/17/2005	13.34	5.04	0.00	8.30	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/27/2005	13.34	5.31	0.00	8.03	-0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/2005	13.34	5.86	0.00	7.48	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2006	13.34	5.08	0.00	8.26	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/30/2006	13.34	5.01	0.00	8.33	0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/30/2006	13.34	5.65	0.00	7.69	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/22/2006	13.34	5.82	0.00	7.52	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/23/2007	13.34	4.47	0.00	8.87	1.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.53	--	ND<0.50	
5/18/2007	13.34	5.51	0.00	7.83	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
8/10/2007	13.34	6.05	0.00	7.29	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/9/2007	13.34	6.10	0.00	7.24	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/8/2008	13.34	5.06	0.00	8.28	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/16/2008	13.34	5.69	0.00	7.65	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/15/2008	13.34	6.35	0.00	6.99	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/26/2008	13.34	6.82	0.00	6.52	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
2/24/2009	16.45	5.10	0.00	11.35	4.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/28/2009	16.45	5.12	0.00	11.33	-0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/14/2009	16.45	6.29	0.00	10.16	-1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/13/2009	16.45	6.23	0.00	10.22	0.06	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
2/5/2010	16.45	5.38	0.00	11.07	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/7/2010	16.45	5.39	0.00	11.06	-0.01	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/3/2010	16.45	5.89	0.00	10.56	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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-5 continued														
11/11/2010	16.45	6.36	0.00	10.09	-0.47	--	--	--	--	--	--	--	--	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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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														
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	
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

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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														
8/3/2010	16.97	5.96	0.00	11.01	-0.44	--	71	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	180	
11/11/2010	16.97	6.54	0.00	10.43	-0.58	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-7			**(Screen Interval in feet: 25-30)**											
5/28/2009	17.81	8.29	0.00	9.52	--	--	1100	ND<0.50	ND<0.50	1.4	7.1	--	15000	
9/14/2009	17.81	6.77	0.00	11.04	1.52	--	7900	ND<25	ND<25	ND<25	ND<50	--	15000	
11/13/2009	17.81	6.78	0.00	11.03	-0.01	--	5700	ND<10	ND<10	ND<10	ND<20	--	13000	
2/5/2010	17.81	8.50	0.00	9.31	-1.72	--	4300	ND<12	ND<12	ND<12	ND<25	--	12000	
6/7/2010	17.81	5.74	0.00	12.07	2.76	--	7100	ND<12	ND<12	ND<12	ND<25	--	16000	
8/3/2010	17.81	6.36	0.00	11.45	-0.62	--	1600	ND<10	ND<10	ND<10	ND<20	--	12000	
11/11/2010	17.81	7.23	0.00	10.58	-0.87	--	2600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	13000	
MW-8			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.13	7.42	0.00	10.71	--	--	850	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12000	
9/14/2009	18.13	6.97	0.00	11.16	0.45	--	3500	ND<25	ND<25	ND<25	ND<50	--	5600	
11/13/2009	18.13	7.11	0.00	11.02	-0.14	--	3200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6700	
2/5/2010	18.13	7.38	0.00	10.75	-0.27	--	2400	ND<10	ND<10	ND<10	ND<20	--	6300	
6/7/2010	18.13	6.07	0.00	12.06	1.31	--	4200	ND<10	ND<10	ND<10	ND<20	--	9000	
8/3/2010	18.13	6.56	0.00	11.57	-0.49	--	1200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	5600	
11/11/2010	18.13	7.60	0.00	10.53	-1.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	4900	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through November 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 continued														
2/5/2010	18.75	6.70	0.00	12.05	0.86	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
6/7/2010	18.75	6.59	0.00	12.16	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	66	
8/3/2010	18.75	7.00	0.00	11.75	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	99	
11/11/2010	18.75	8.02	0.00	10.73	-1.02	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	270	
MW-10			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.84	6.69	0.00	12.15	--	--	700	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3500	
9/14/2009	18.84	7.50	0.00	11.34	-0.81	--	3300	ND<6.2	ND<6.2	ND<6.2	ND<12	--	4900	
11/13/2009	18.84	7.70	0.00	11.14	-0.20	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	3300	
2/5/2010	18.84	6.66	0.00	12.18	1.04	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	260	
6/7/2010	18.84	6.56	0.00	12.28	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.9	
8/3/2010	18.84	7.14	0.00	11.70	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
11/11/2010	18.84	8.16	0.00	10.68	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
MW-11			**(Screen Interval in feet: 25-30)**											
5/28/2009	18.72	6.18	0.00	12.54	--	--	920	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15000	
9/14/2009	18.72	7.45	0.00	11.27	-1.27	--	11000	ND<25	ND<25	ND<25	ND<50	--	18000	
11/13/2009	18.72	7.51	0.00	11.21	-0.06	--	6200	ND<10	ND<10	ND<10	ND<20	--	13000	
2/5/2010	18.72	7.50	0.00	11.22	0.01	--	4500	ND<12	ND<12	ND<12	ND<25	--	13000	
6/7/2010	18.72	6.36	0.00	12.36	1.14	--	4300	ND<10	ND<10	ND<10	ND<20	--	9500	
8/3/2010	18.72	6.90	0.00	11.82	-0.54	--	1400	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6000	
11/11/2010	18.72	8.00	0.00	10.72	-1.10	--	1600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	6100	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-1												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
3/15/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	62	ND<250	--	--	--	ND<0.50	ND<0.50	5.5	--	--	--	--
11/22/2006	74	ND<250	--	--	--	ND<0.50	ND<0.50	0.51	--	--	--	--
2/23/2007	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
5/18/2007	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
8/10/2007	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	--	--	--	--
11/9/2007	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	--	--	--	--
2/8/2008	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
5/16/2008	ND<250	ND<6200	--	--	--	ND<12	ND<12	ND<12	--	--	--	--
8/15/2008	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	2.5	1.3	--	--	--
5/28/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	1.8	2.0	87	--
9/14/2009	ND<100	ND<2500	--	--	--	ND<5.0	ND<5.0	ND<5.0	1.4	2.2	220	--
2/5/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
8/3/2010	140	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.5	ND<2.0	70	ND<10
MW-1AR												
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	1.6	--	--	--	--
9/14/2009	110	ND<500	--	--	--	ND<1.0	ND<1.0	ND<1.0	4.5	ND<2.0	170	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.1	ND<2.0	25	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	ND<2.0	ND<10	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.3	ND<2.0	14	ND<10

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-1BR												
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	2.0	--	--	--	--
9/14/2009	33	ND<500	--	--	--	ND<1.0	ND<1.0	1.9	3.7	ND<2.0	250	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	1.2	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	26	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	ND<2.0	25	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	ND<2.0	12	ND<10
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	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-2A continued												
6/12/2003	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
9/12/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
12/31/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
2/12/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
6/7/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--
9/17/2004	6.7	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
12/11/2004	ND<5.0	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
3/15/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	17	--	--	--

MW-3

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-3 continued												
9/2/1999	ND	ND	--	--	--	ND	ND	ND	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	3.2	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
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	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-4 continued												
12/12/2002	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
9/12/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--
9/17/2004	ND<5.0	ND<50	--	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--
12/11/2004	ND<25	ND<250	--	--	--	ND<5.0	ND<2.5	ND<2.5	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	290	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	1.7	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-5												
9/12/2003	--	ND<500	--	--	--	--	--	--	--	--	--	--
3/11/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/17/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
7/27/2005	ND<5.0	ND<50	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/23/2005	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2006	59	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/30/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/22/2006	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/23/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/18/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/10/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/9/2007	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/8/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
5/16/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/15/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	4.5	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
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	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-6 continued												
12/10/2001	ND<500	ND<12000000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--	--
3/11/2002	ND<100	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
12/12/2002	ND<10000	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--	--	--
3/13/2003	ND<5000	ND<25000000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--	--	--
6/12/2003	ND<2000	ND<10000000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--	--
9/12/2003	--	ND<2500	--	--	--	--	--	--	--	--	--	--
2/12/2004	ND<2000	ND<10000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--	--	--
6/7/2004	ND<200	ND<8000	ND<5	--	ND<5	ND<10	ND<10	ND<10	--	--	--	--
9/17/2004	ND<100	ND<1000	--	--	--	ND<20	ND<10	ND<10	--	--	--	--
12/11/2004	ND<100	ND<1000	--	--	--	ND<20	ND<10	ND<10	--	--	--	--
3/11/2005	ND<100	ND<1000	--	--	--	ND<10	ND<10	ND<10	--	--	--	--
5/17/2005	ND<100	ND<1000	--	--	--	ND<10	ND<10	ND<10	--	--	--	--
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	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-6 continued												
11/26/2008	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/24/2009	ND<10	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	2.7	--	--	--
5/28/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
9/14/2009	23	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	41	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
8/3/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
MW-7												
5/28/2009	150	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--
9/14/2009	680	ND<12000	--	--	--	ND<25	ND<25	ND<25	9.8	ND<2.0	76	--
11/13/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--
2/5/2010	1600	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
6/7/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	3.9	ND<2.0	11	ND<10
8/3/2010	1400	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	3.6	ND<2.0	79	ND<10
11/11/2010	1200	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4.1	ND<2.0	27	ND<10
MW-8												
5/28/2009	36	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	9.7	9.9	ND<2.0	140	--
9/14/2009	ND<500	ND<12000	--	--	--	ND<25	ND<25	ND<25	14	ND<2.0	60	--
11/13/2009	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
2/5/2010	960	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--
6/7/2010	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	4.0	ND<2.0	21	ND<10
8/3/2010	670	ND<2500	ND<5.0	ND<0.010	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3.9	ND<2.0	74	ND<10
11/11/2010	ND<1000	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	3.7	ND<2.0	46	ND<10
MW-9												
5/28/2009	40	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	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)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Chromium (dissolved) (µg/l)
MW-9 continued												
9/14/2009	24	ND<250	--	--	--	ND<0.50	ND<0.50	ND<0.50	3.0	ND<2.0	520	--
11/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
2/5/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	6.1	24	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	2.5	25	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.4	2.6	24	ND<10
MW-10												
5/28/2009	39	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	4.6	2.4	2.0	ND<10	--
9/14/2009	240	ND<3100	--	--	--	ND<6.2	ND<6.2	ND<6.2	2.7	ND<2.0	24	--
11/13/2009	ND<50	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--	--
2/5/2010	35	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
6/7/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	6.5	15	ND<10
8/3/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	8.7	19	ND<10
11/11/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.8	10	20	11
MW-11												
5/28/2009	140	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	9.4	--	--	--	--
9/14/2009	850	ND<12000	--	--	--	ND<25	ND<25	ND<25	3.3	ND<2.0	14	--
11/13/2009	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--
2/5/2010	1600	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--	--
6/7/2010	ND<200	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	3.0	ND<2.0	ND<10	ND<10
8/3/2010	620	ND<2500	ND<5.0	ND<0.010	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.9	ND<2.0	ND<10	ND<10
11/11/2010	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.8	ND<2.0	17	ND<10

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	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<100	ND<1.0	500	--	18	--	--	--	4.63	3.22	57	59
5/28/2009	ND<500	2.4	550	9.9	25	8.6	130	463	0.80	2.95	119	171
9/14/2009	ND<100	3.7	1600	11	25	6.8	204	429	1.93	3.81	233	146
2/5/2010	--	--	--	--	--	--	--	--	0.83	1.42	66	71
8/3/2010	ND<100	1.8	1100	16	24	6.7	333.4	508	1.10	1.68	172	158
MW-1AR												
5/28/2009	--	--	--	--	--	--	--	--	1.72	0.95	144	177
9/14/2009	2500	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	490	210	450	21	30	6.1	273.4	554	0.79	1.27	56	78
8/3/2010	550	180	230	21	31	8.1	225.1	537	0.39	0.58	148	108
11/11/2010	370	210	330	20	31	7.6	206.5	545	2.67	2.46	204	216
MW-1BR												
5/28/2009	--	--	--	--	--	--	--	--	0.61	1.37	145	165
9/14/2009	ND<500	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	380	110	180	27	30	6.6	479.4	539	0.74	1.42	48	10
8/3/2010	240	130	230	26	28	7.3	271.8	548	0.37	0.43	54	59
11/11/2010	250	130	170	ND<0.44	28	7.0	227.8	540	1.78	1.43	212	212
MW-2A												
2/24/2009	110	ND<1.0	130	--	87	--	--	--	3.38	4.44	50	34
MW-3												

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	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-3 continued												
2/24/2009	ND<100	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
8/3/2010	--	--	--	--	--	6.7	279.4	601	0.95	2.24	103	103
MW-4												
2/24/2009	ND<100	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
8/3/2010	--	--	--	--	--	8.3	280.9	1110	5.26	2.88	102	106
MW-5												
2/24/2009	ND<100	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
8/3/2010	--	--	--	--	--	8.6	288.2	611	7.12	2.08	62	102
MW-6												
2/24/2009	ND<100	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
8/3/2010	--	--	--	--	--	8.0	291.7	530	0.72	1.35	96	103
MW-7												

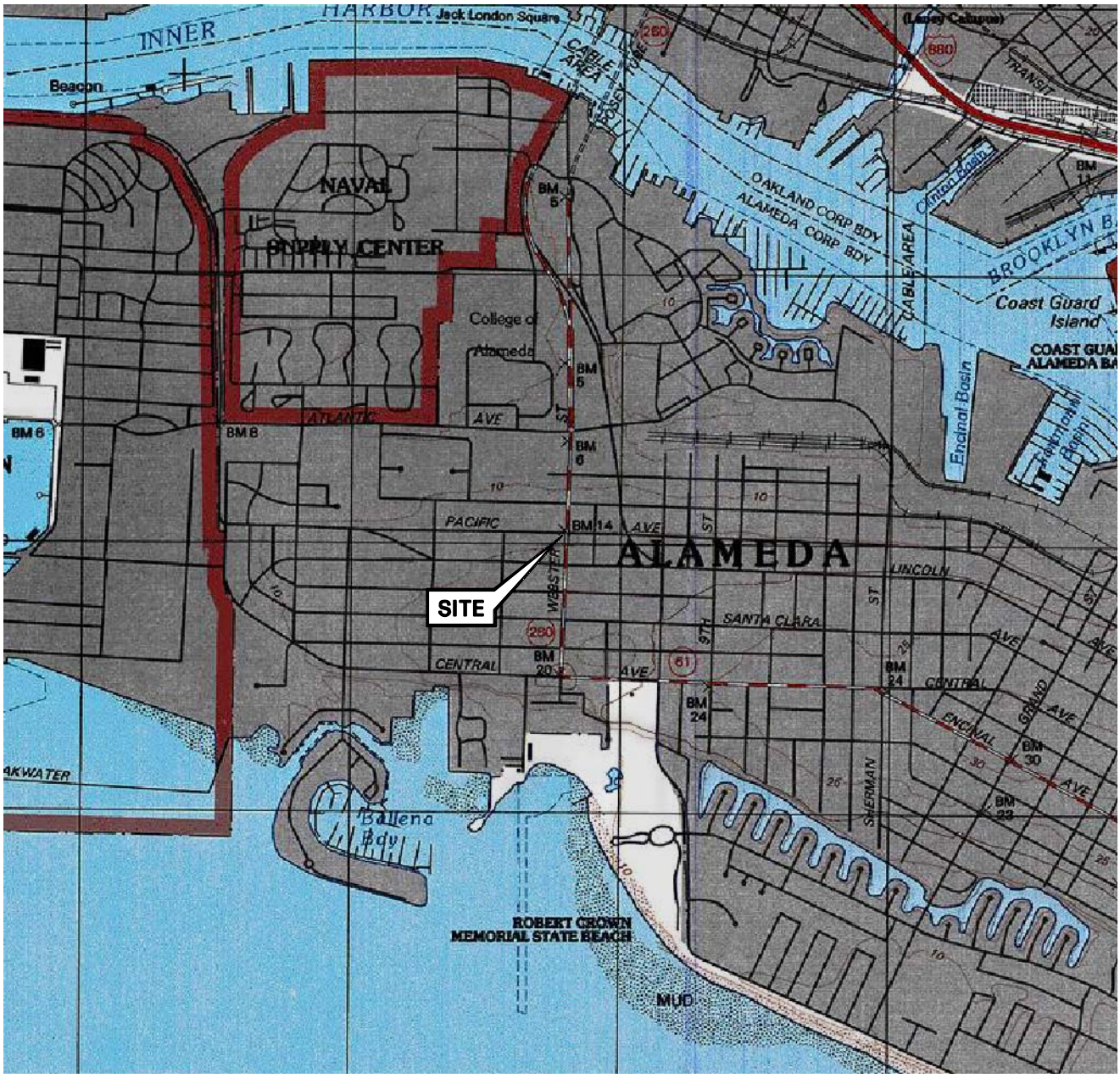
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	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-7 continued												
5/28/2009	--	--	--	--	--	--	--	--	1.24	0.63	160	124
9/14/2009	3200	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	1200	1500	4.1	72	8.2	342.6	801	0.57	1.10	11	-13
8/3/2010	4500	1100	1500	3.9	69	8.9	105.6	745	2.18	1.05	112	105
11/11/2010	2000	1000	1000	2.3	67	6.3	54.88	740	1.45	2.32	176	190
MW-8												
5/28/2009	ND<1000	280	830	12	130	9.0	124	923	2.22	1.38	146	68
9/14/2009	480	1000	1300	7.7	260	6.2	407	1100	0.28	1.11	151	92
11/13/2009	--	--	--	--	--	--	--	--	3.51	0.84	111	72
2/5/2010	--	--	--	--	--	--	--	--	1.17	0.58	88	63
6/7/2010	620	870	1200	6.1	81	8.3	350.3	791	0.72	1.27	22	35
8/3/2010	1500	860	1300	6.8	85	8.9	218.5	733	3.03	0.90	88	101
11/11/2010	430	810	1000	5.2	83	7.7	229.2	724	1.31	0.98	179	170
MW-9												
9/14/2009	ND<1000	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	280	200	1100	6.9	41	7.9	380.3	665	0.95	1.46	61	39
8/3/2010	160	120	540	5.8	42	7.2	300.6	651	1.02	0.70	48	64
11/11/2010	ND<500	180	1000	6.0	35	6.5	217.8	686	1.92	2.72	201	207
MW-10												
5/28/2009	150	280	350	9.1	30	7.1	139	661	0.30	1.76	151	156

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	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-10 continued												
9/14/2009	210	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	260	18	340	10	29	8.1	379.1	490	3.24	3.26	82	84
8/3/2010	150	10	150	12	27	8.4	315.2	476	3.71	3.62	74	62
11/11/2010	ND<100	9.2	160	13	28	7.6	175.6	529	3.07	4.23	190	207
MW-11												
5/28/2009	--	--	--	--	--	--	--	--	0.22	0.80	1.56	147
9/14/2009	310	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	310	280	980	1.5	20	7.0	501.3	737	0.70	1.31	97	44
8/3/2010	100	440	730	3.3	20	6.9	317.6	727	0.54	1.21	12	-20
11/11/2010	990	610	830	2.7	23	6.6	145.0	718	0.60	2.02	192	211

FIGURES



N

SOURCE:

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

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

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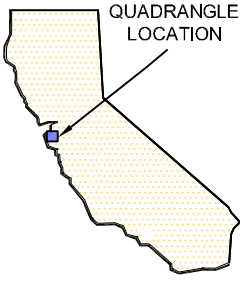


TRC

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)

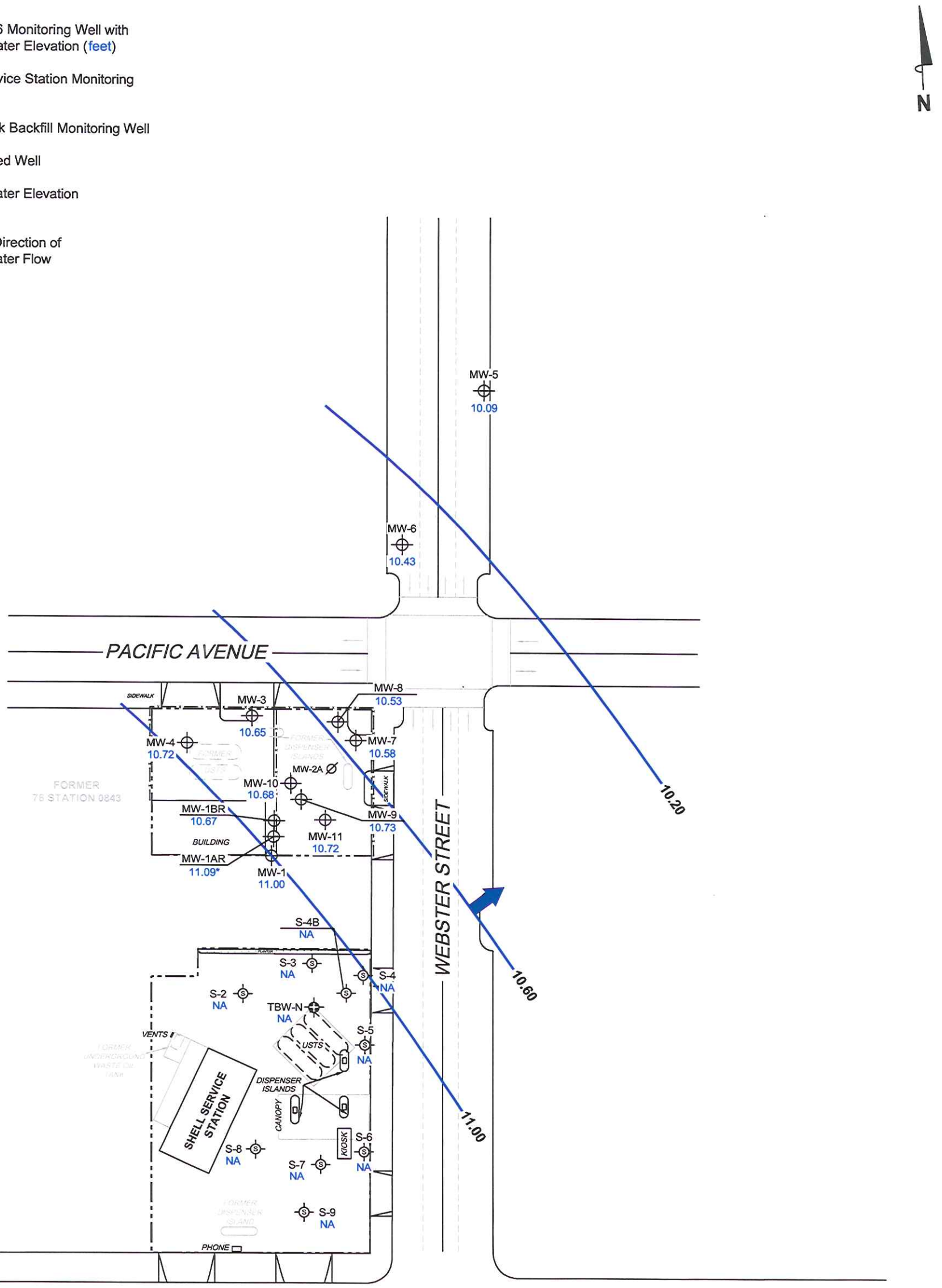
S-9 — Shell Service Station Monitoring Well

TBW-N — Shell Tank Backfill Monitoring Well

MW-2A — Abandoned Well

11.00 — 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 provided this quarter.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

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

GROUNDWATER ELEVATION CONTOUR MAP
November 11, 2010

FIGURE 2

LEGEND

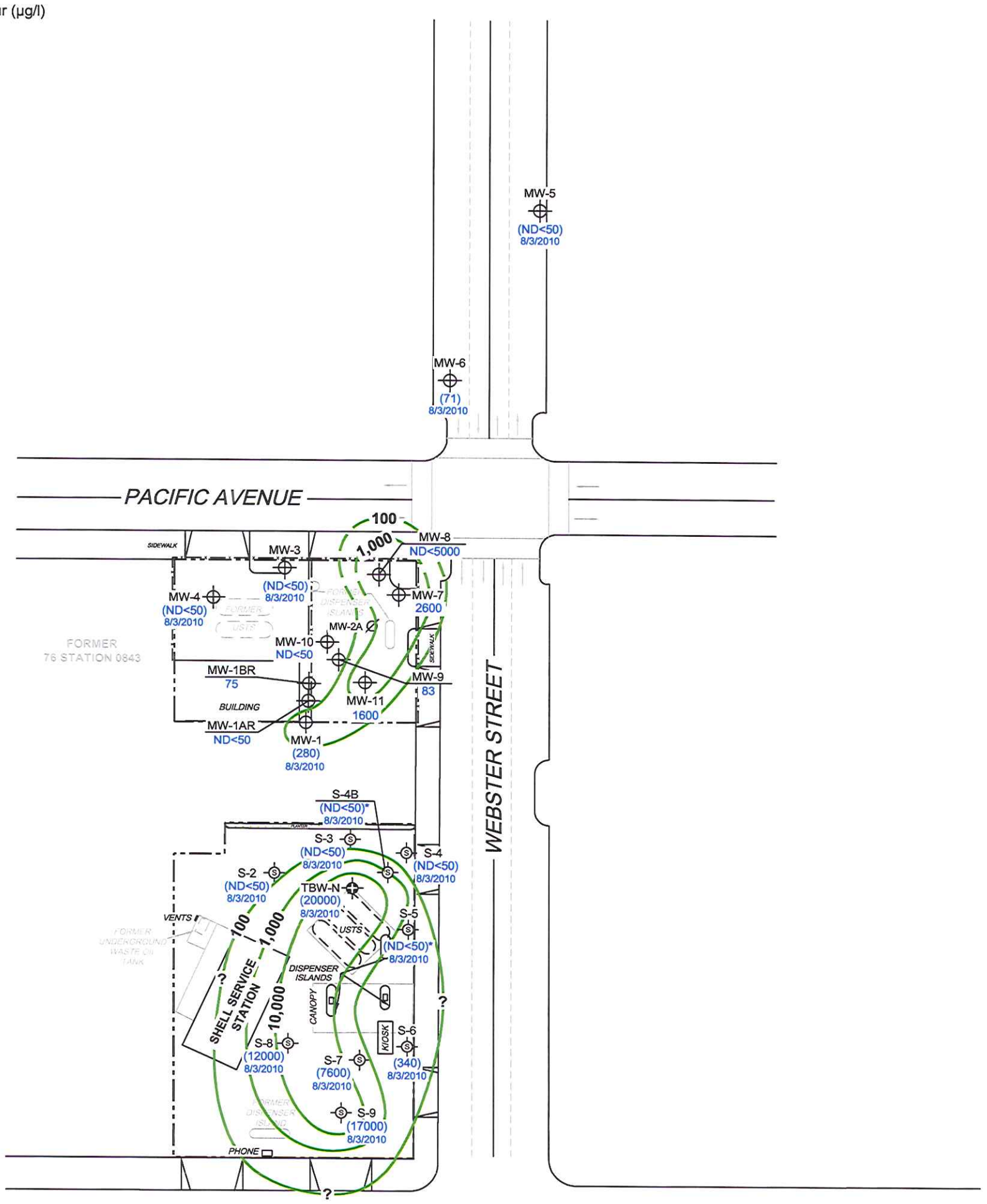
MW-11 Former 76 Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

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. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Shell Service Station not provided 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
November 11, 2010

FIGURE 3

LEGEND

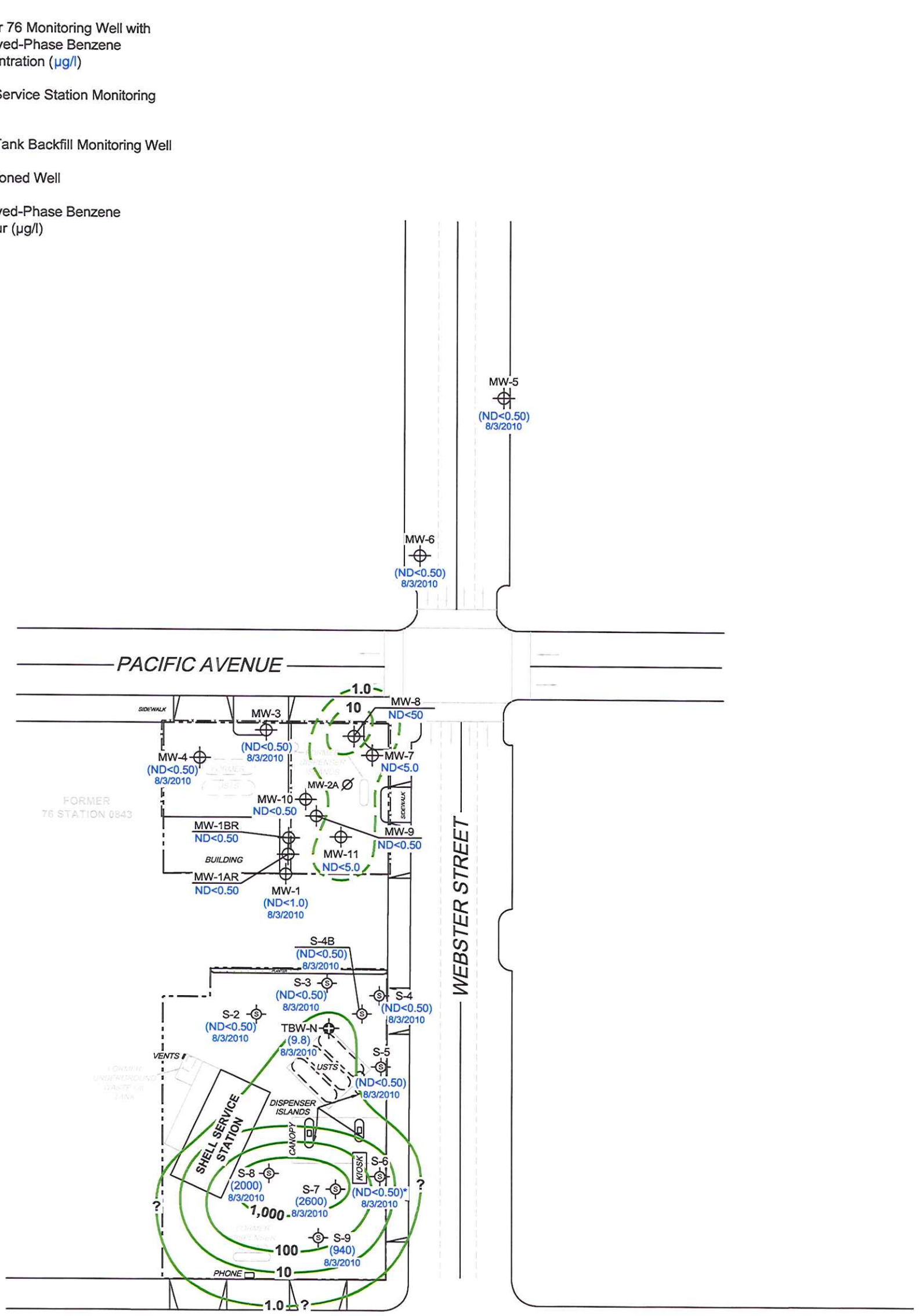
MW-11 Former 76 Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

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 provided this quarter.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
November 11, 2010

FIGURE 4

LEGEND

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

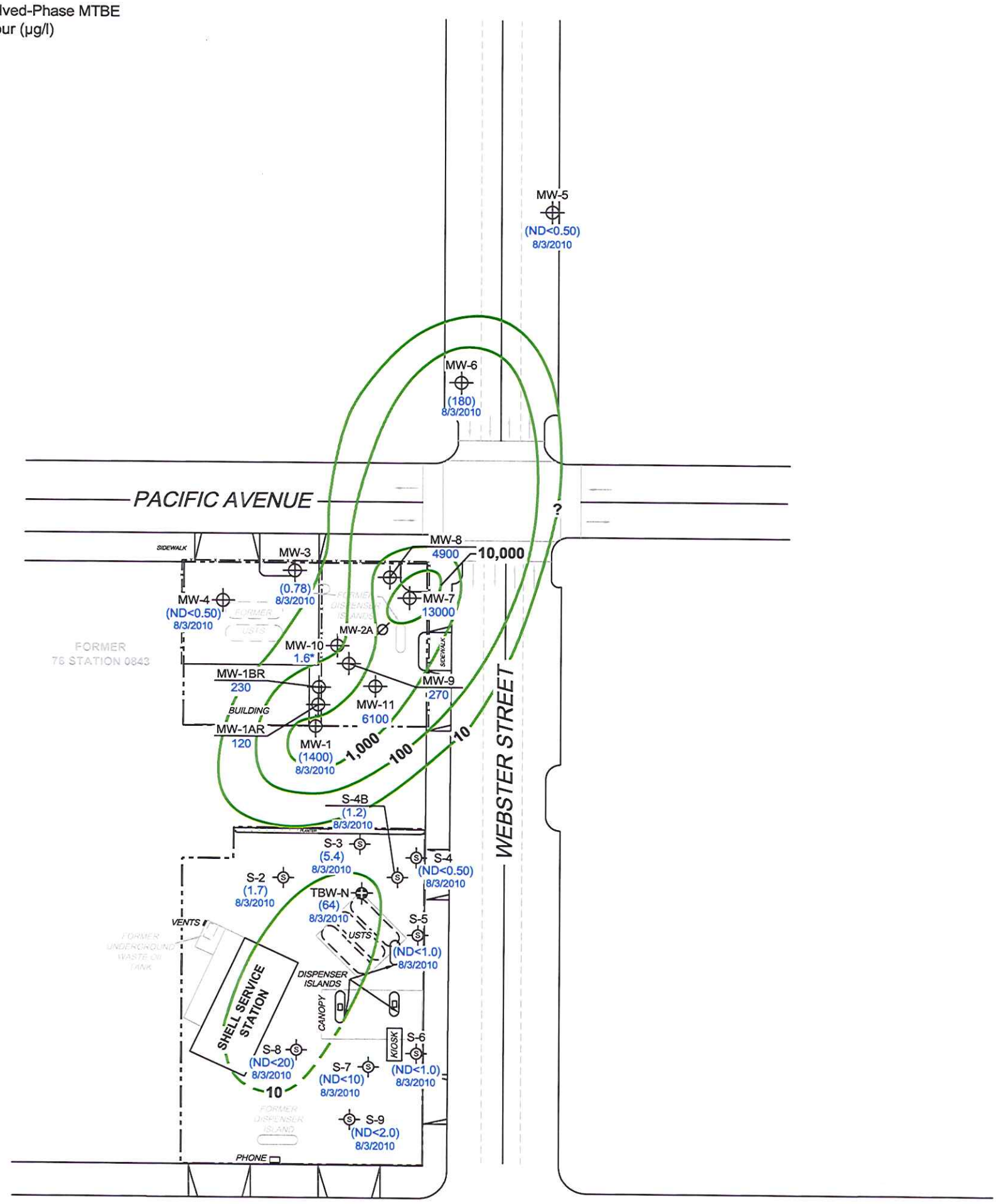
S-9 Shell Service Station Monitoring Well

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

SCALE (FEET)
0 60

TRC

PROJECT: 173845

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
November 11, 2010

FIGURE 5

LEGEND

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

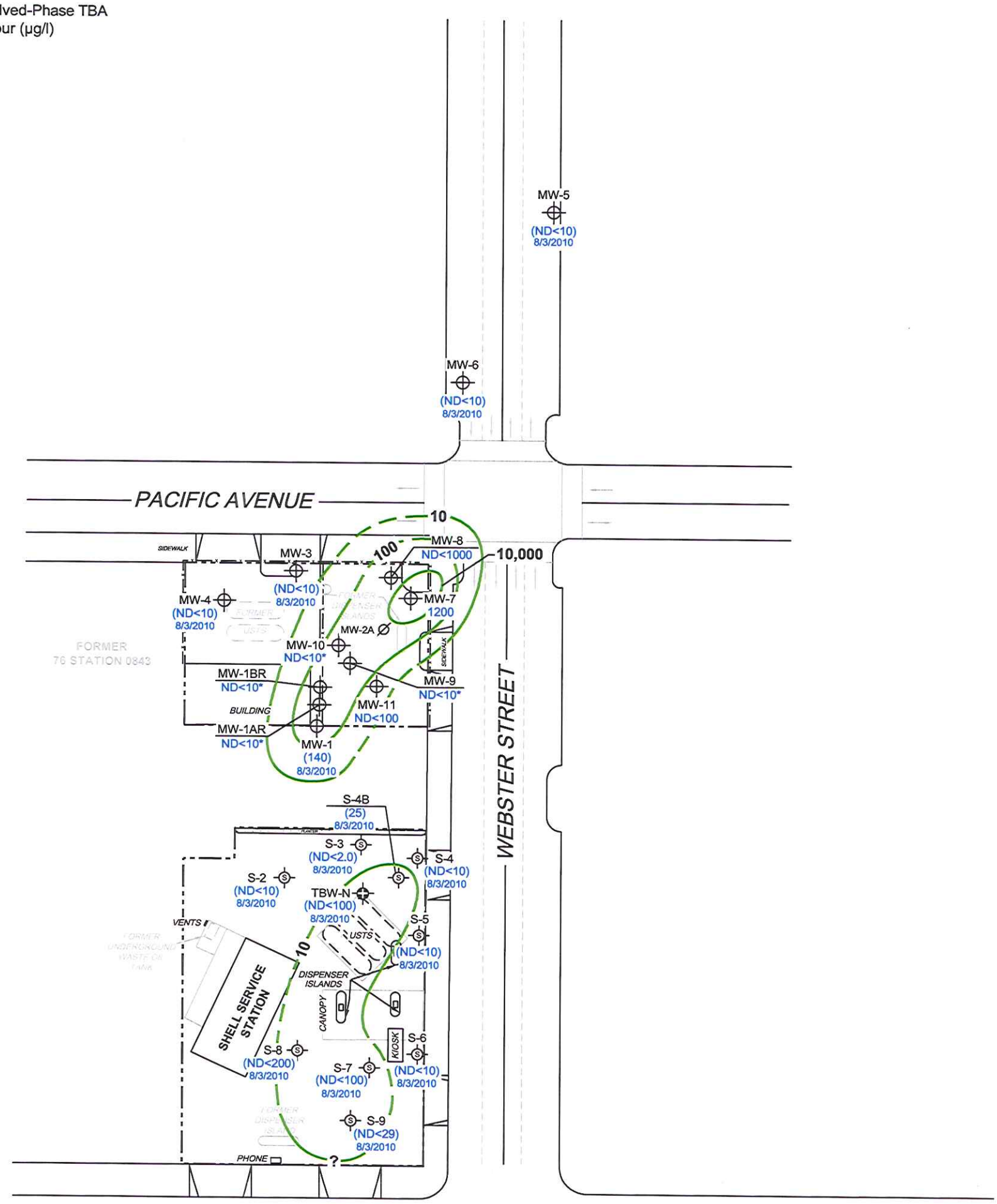
S-9 Shell Service Station Monitoring Well

TBW-N Shell Tank Backfill Monitoring Well

MW-2A Abandoned Well

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

N



NOTES:

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

SCALE (FEET)
0 60

TRC

PROJECT: 173845

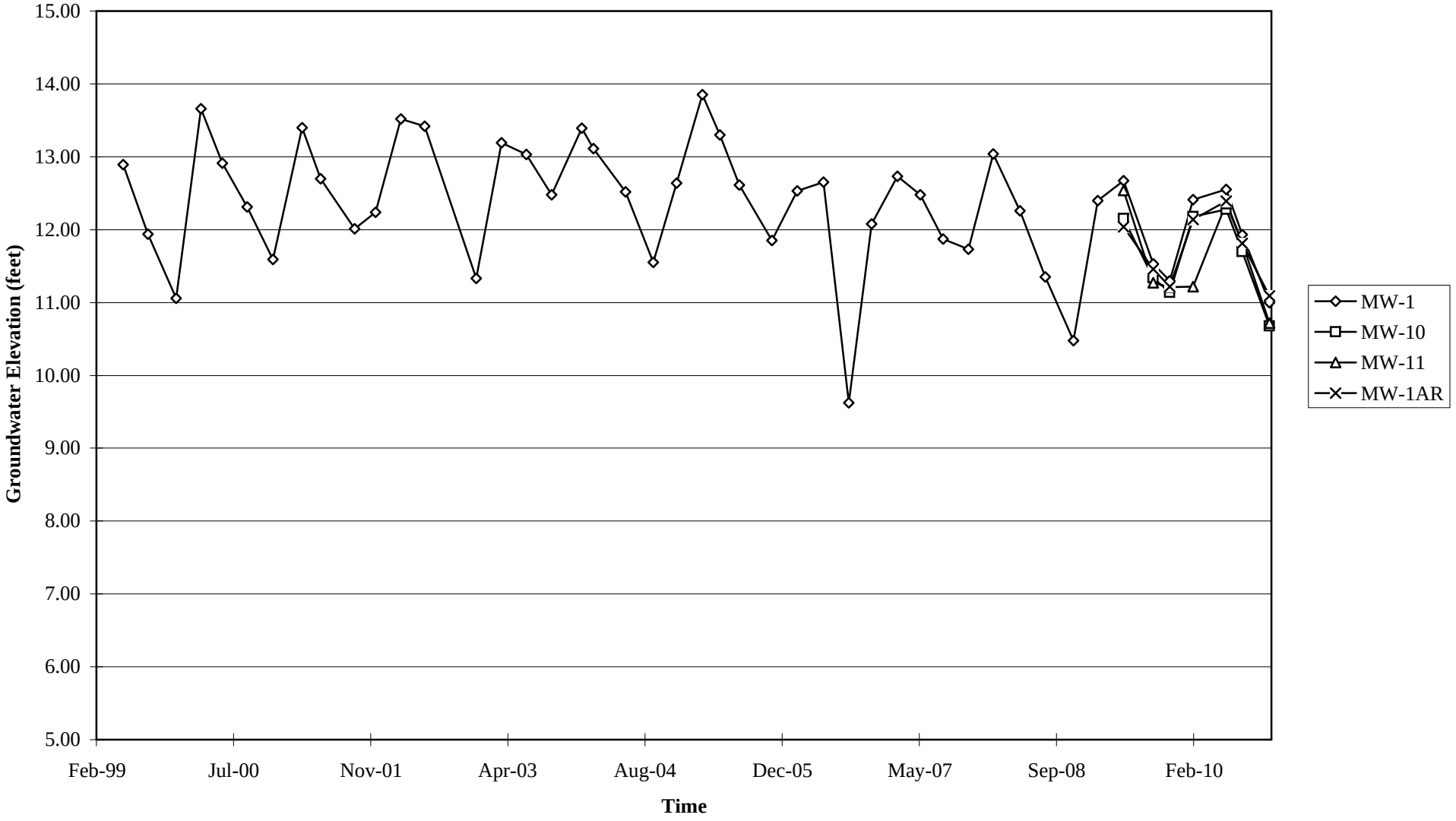
FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE TBA CONCENTRATION MAP
November 11, 2010

FIGURE 6

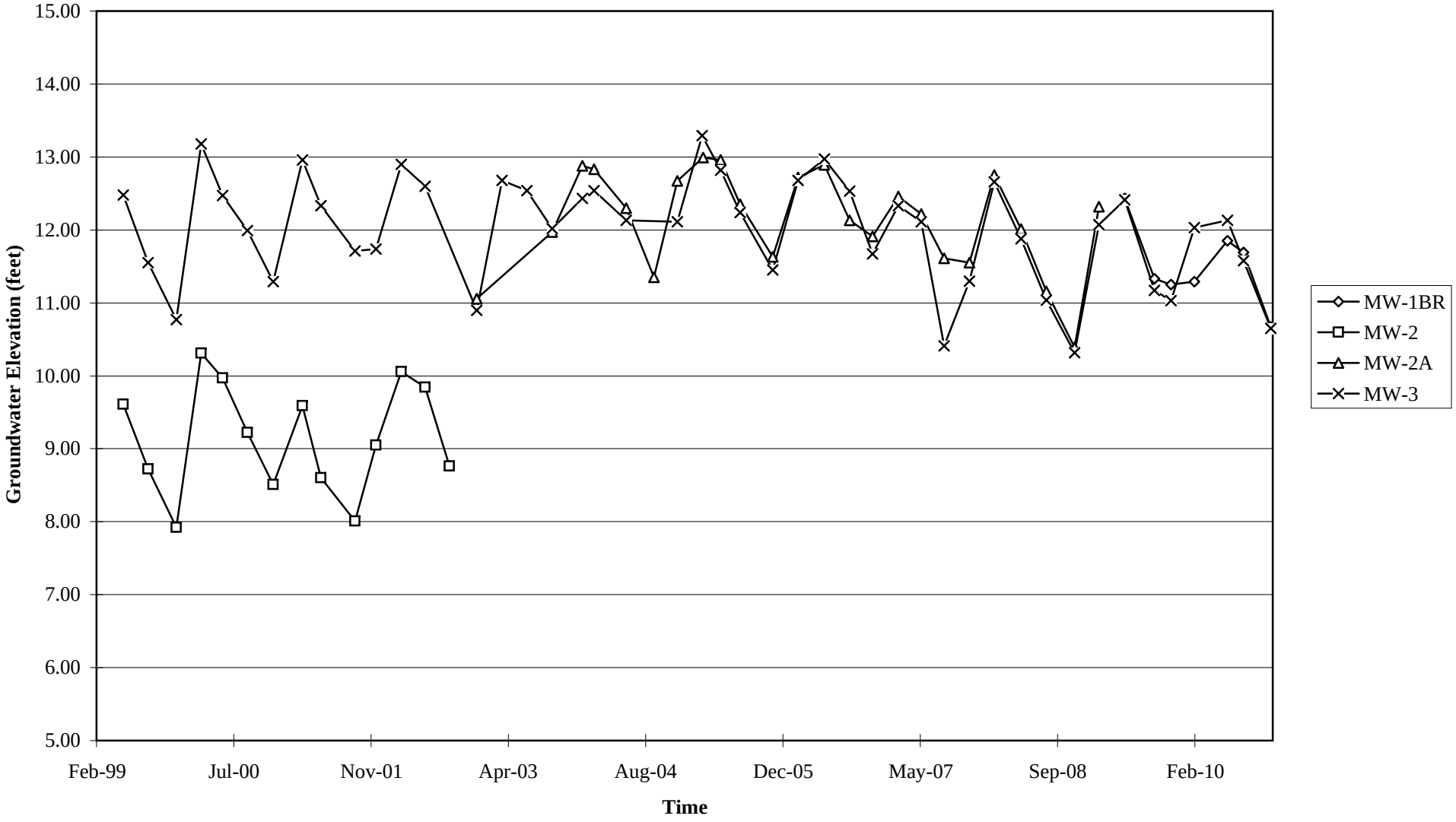
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 0843



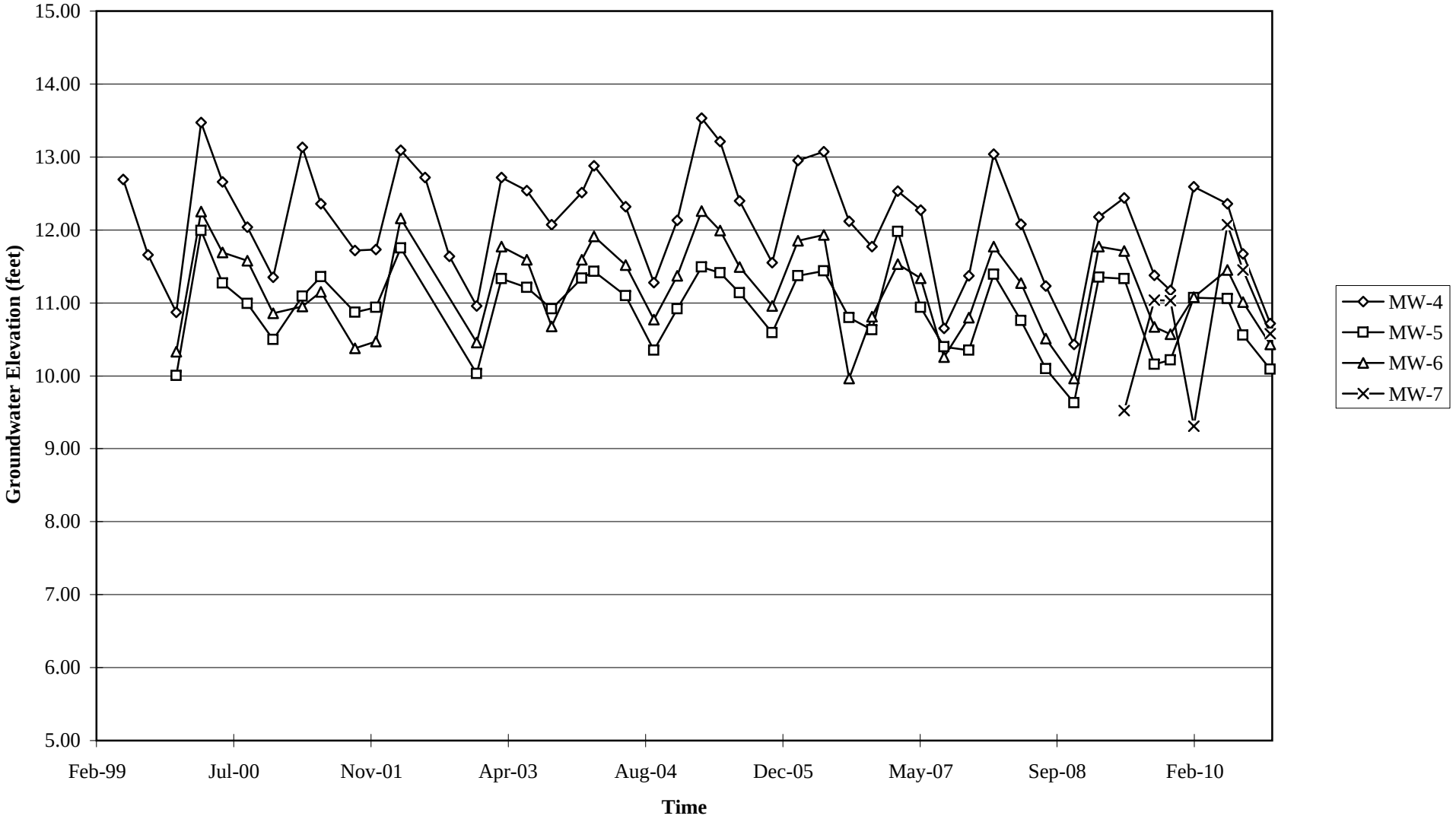
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



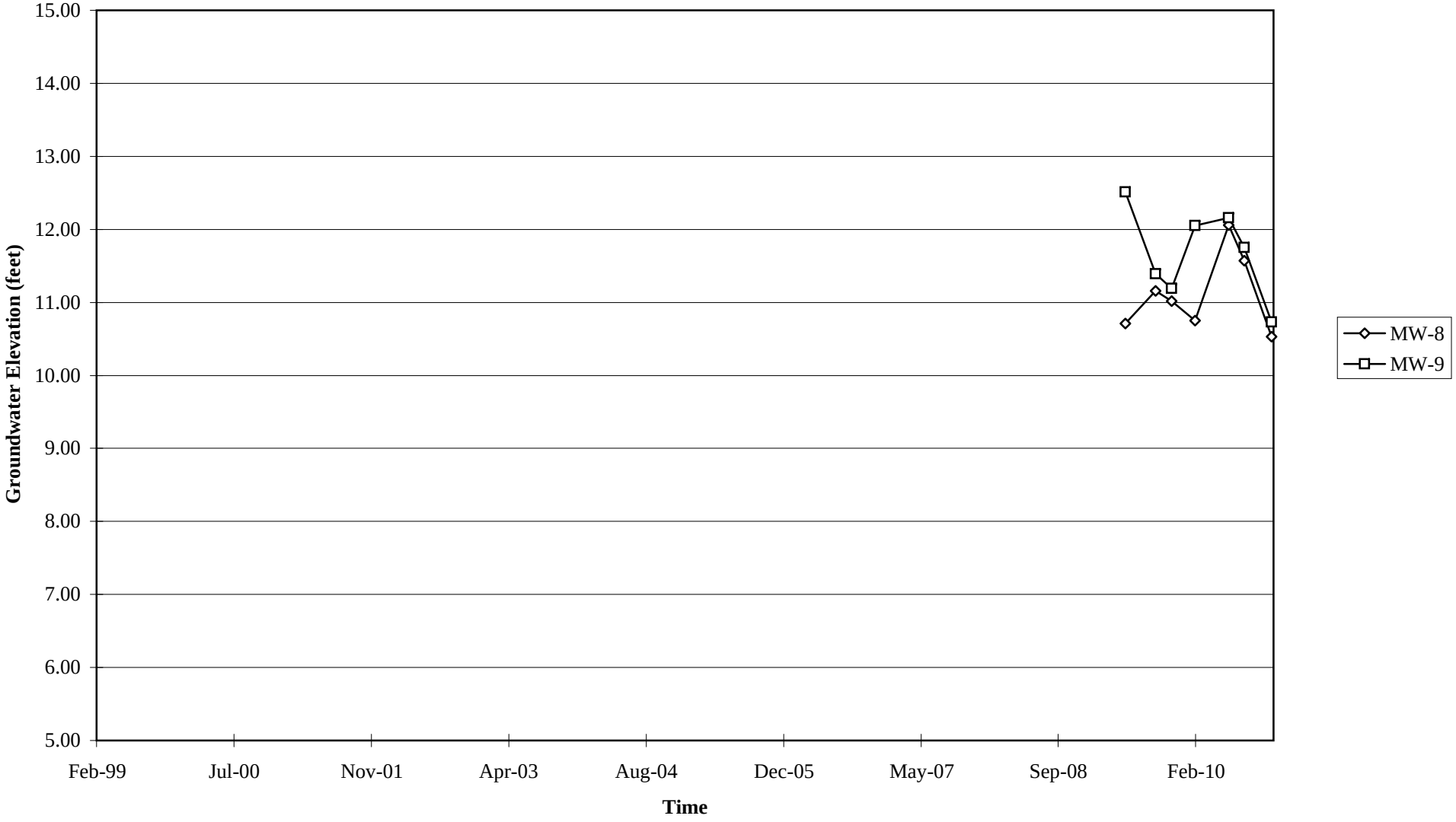
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



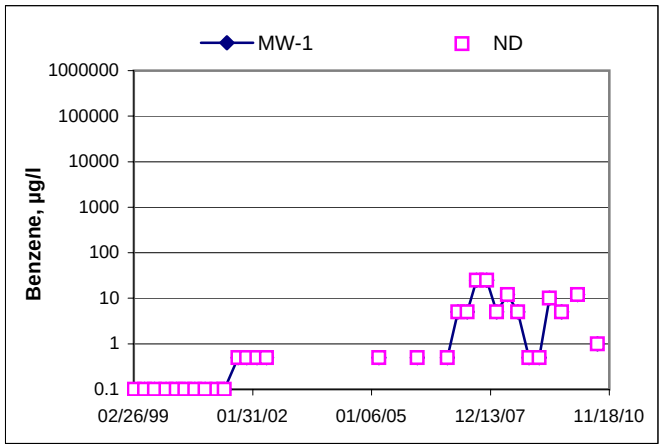
Elevations may have been corrected for apparent changes due to resurvey

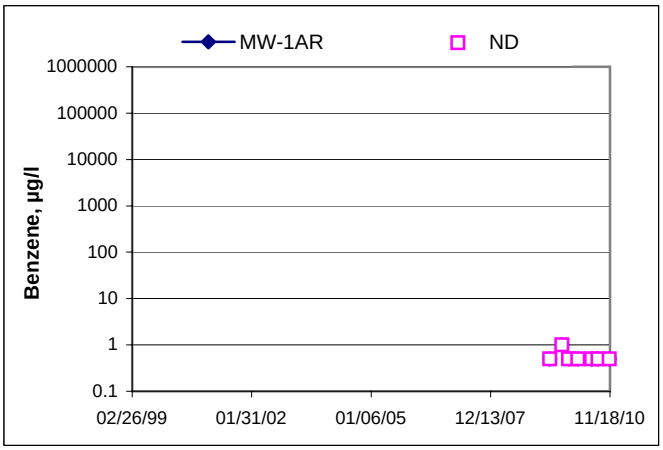
Groundwater Elevations vs. Time
Former 76 Station 0843

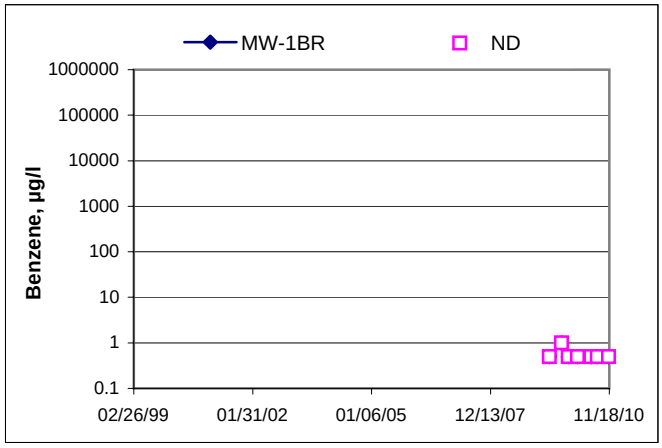


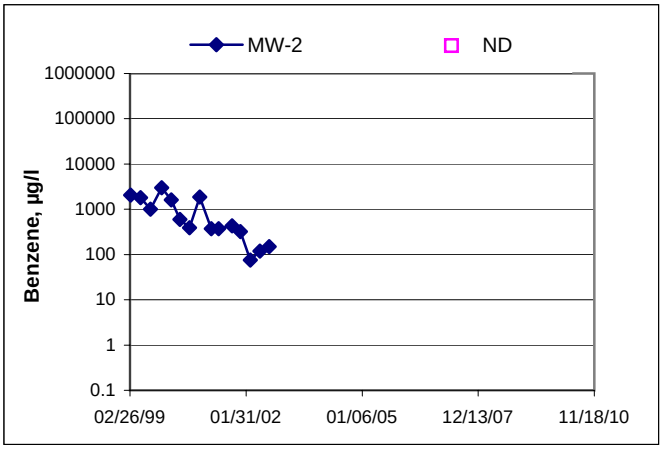
Elevations may have been corrected for apparent changes due to resurvey

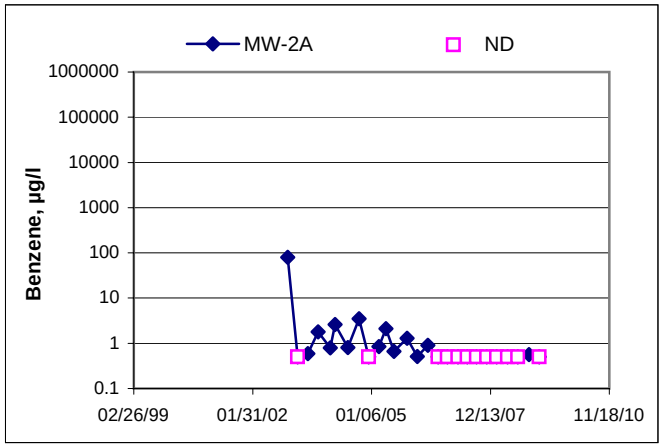
Benzene Concentrations vs Time
Former 76 Station 0843

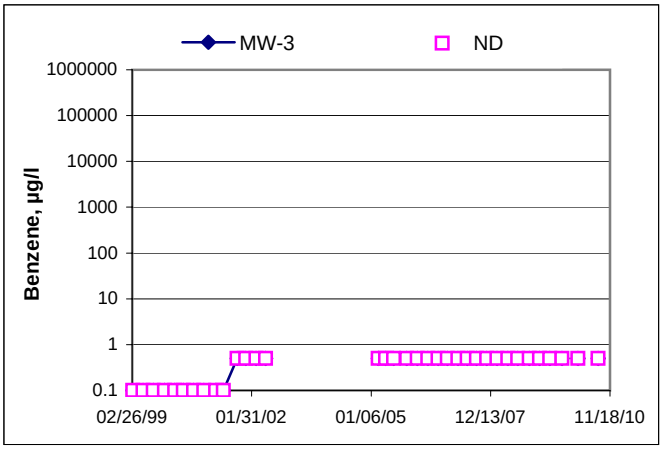


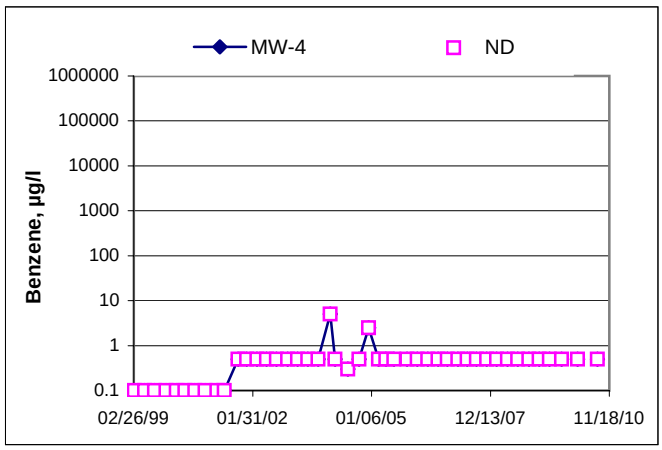


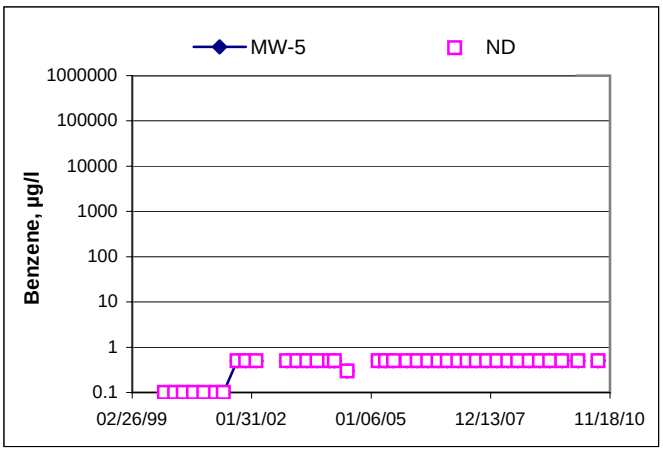






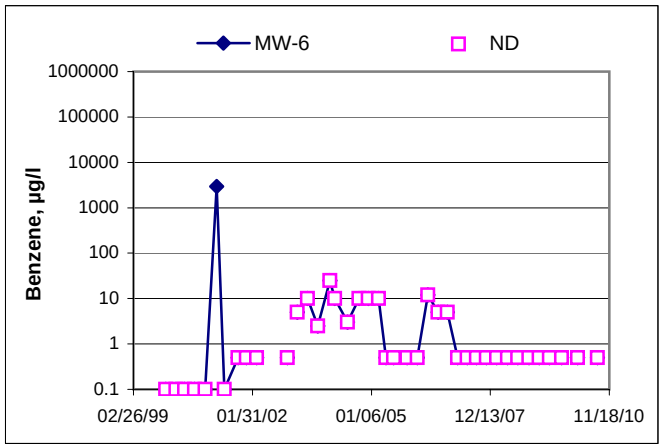


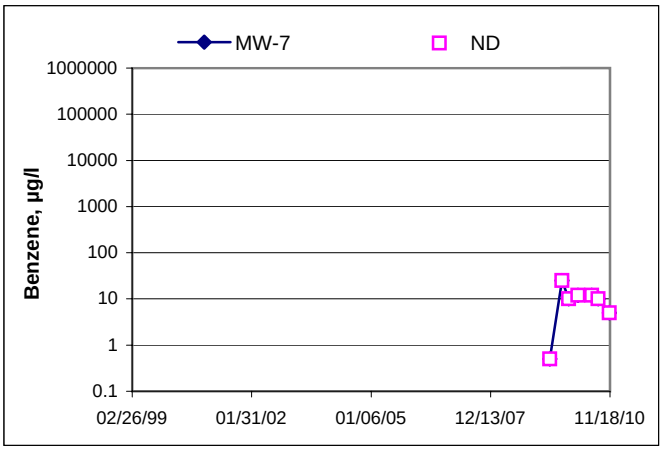


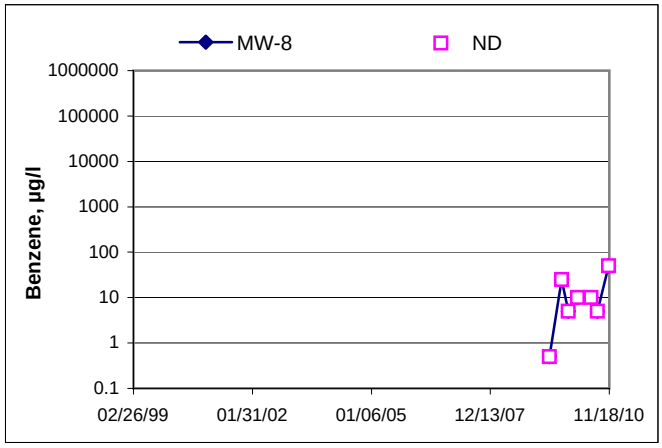


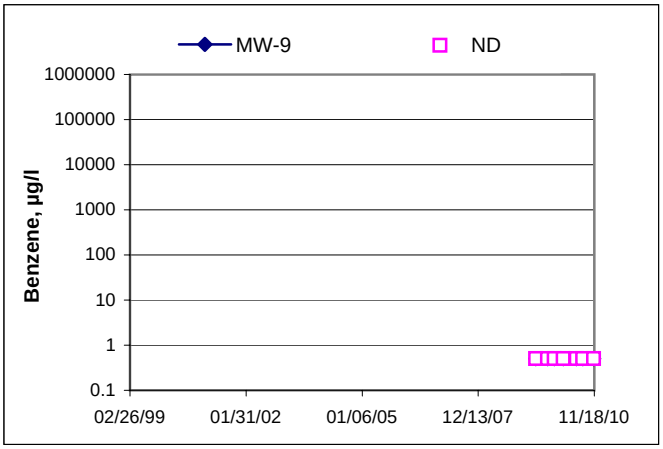
Benzene Concentrations vs Time

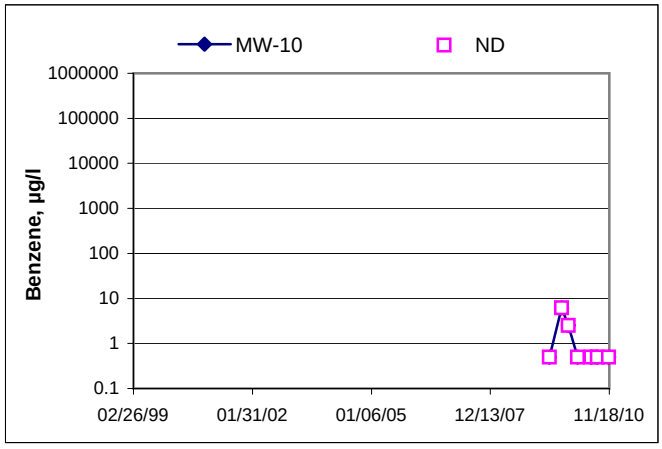
Former 76 Station 0843

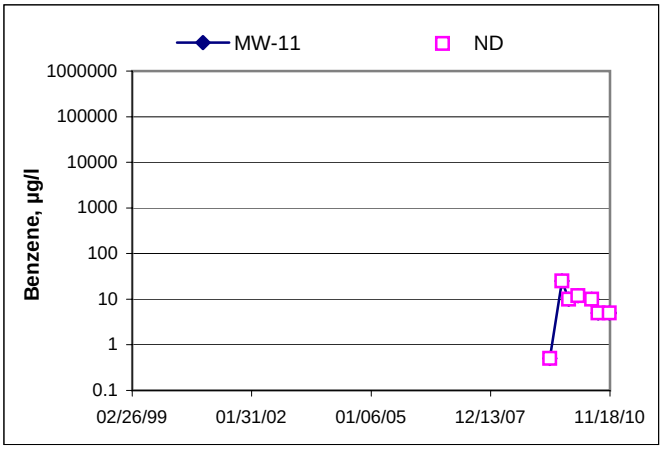












GENERAL FIELD PROCEDURES

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: Basilio Job #/Task #: 173845-Fn20 Date: 11-11-10

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	✓	0640	19.85	8.13	—	—	N/S	2" Monitor
MW-1AR	✓	0650	29.84	8.20	—	—	0900	2"
MW-1BR	✓	0659	34.57	8.46	—	—	0910	2"
MW-9	✓	0705	24.48	8.02	—	—	0952	2"
MW-10	✓	0709	29.25	8.16	—	—	1000	2"
MW-11	✓	0714	27.54	8.00	—	—	1042	2"
MW-7	✓	0719	29.18	7.23	—	—	1120	2"
MW-8	✓	0723	29.55	7.60	—	—	1135	2"
MW-3	✓	0730	19.95	7.40	—	—	N/S	2" Monitor
MW-4	✓	0739	17.75	7.42	—	—	N/S	2" |
MW-5	✓	0745	20.24	6.36	—	—	N/S	2" |
MW-6	✓	0750	20.05	6.54	—	—	N/S	2" ✓

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Banda

Site: 0843 Project No.: 173845 Date: 11-11-20

Well No. MW-1AR Purge Method: Sub

Depth to Water (feet): 8.20 Depth to Product (feet): —

Total Depth (feet) 29.84 LPH & Water Recovered (gallons): —

Water Column (feet): 21.64 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.52 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.46	204	
0828			4	499.4	15.4	5.82	2.06	209	
	0832		8	516.4	16.8	5.59	2.18	212	
0834	0836		12	524.0	17.3	5.55 BM	2.67	216	

Static at Time Sampled	Total Gallons Purged	Sample Time
9.20	12	0900

Comments:

Well No. MW-BR Purge Method: Sub

Depth to Water (feet): 8.46 Depth to Product (feet): —

Total Depth (feet) 34.57 LPH & Water Recovered (gallons): —

Water Column (feet): 26.11 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 13.68 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							1.43	212	
0839			5	483.9	17.9	5.57	1.65	216	
	0842		10	517.0	18.0	5.55	1.10	211	
0844	0849		15	519.8	17.7	5.58	1.78	212	

Static at Time Sampled	Total Gallons Purged	Sample Time
9.10	15	0910

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Banks

Site: 0843 Project No.: 173845 Date: 11-11-10

Well No. MW-9 Purge Method: SvS

Depth to Water (feet): 8.02 Depth to Product (feet): —

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

Water Column (feet): 16.46 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.31 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.72	201	
0928			3	532.9	18.3	5.89	1.68	204	
	0931		6	568.2	19.1	5.81	1.61	205	
0933	0935		9	647.4	19.6	5.77	1.92	207	

Static at Time Sampled	Total Gallons Purged	Sample Time
9.10	9	0952

Comments:

Well No. MW-10 Purge Method: SvS

Depth to Water (feet): 8.16 Depth to Product (feet): —

Total Depth (feet) 29.25 LPH & Water Recovered (gallons): —

Water Column (feet): 21.09 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.37 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							4.23	190	
0937			4	483.9	20.2	5.79	3.34	201	
			8	504.8	20.0	5.65	3.18	202	
	0944		12	508.9	19.9	5.58	3.07	207	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.60	12	1000

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 0843 Project No.: 173845 Date: 11-11-10

Well No. MW-11 Purge Method: Sub

Depth to Water (feet): 8.00 Depth to Product (feet): —

Total Depth (feet) 27.54 LPH & Water Recovered (gallons): —

Water Column (feet): 19.54 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.90 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.02	192	
1027			4	709.9	19.1	5.74	1.05	208	
			8	711.1	19.3	5.63	0.89	211	
	1034		12	709.7	19.4	5.56	0.60	211	

Static at Time Sampled	Total Gallons Purged	Sample Time
10.50	12	1042

Comments:

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 7.23 Depth to Product (feet): —

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

Water Column (feet): 21.95 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.62 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.32	176	
1050			4	695.3	19.4	6.12	1.47	184	
	1055		8	697.4	20.3	5.60	1.35	189	
1101	1105		12	717.3	20.3	5.54	1.45	190	

Static at Time Sampled	Total Gallons Purged	Sample Time
11.60	12	1120

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 0843 Project No.: 173845 Date: 11-11-10

Well No. MW-8 Purge Method: SUS

Depth to Water (feet): 7.60 Depth to Product (feet): —

Total Depth (feet) 29.55 LPH & Water Recovered (gallons): —

Water Column (feet): 21.95 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							0.98	179	
1106			4	672.1	20.4	5.66	0.52	182	
	1109		8	674.3	20.7	5.62	1.09	173	
1113	1116		12	688.4	20.3	5.67	1.31	170	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.60	12	1135

Comments:

Well No. Purge Method:

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

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

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

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

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

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 12/01/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 0843
BC Work Order: 1015888
Invoice ID: B090907

Enclosed are the results of analyses for samples received by the laboratory on 11/11/2010. 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.

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

CHAIN OF CUSTODY

10-15888

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 # 02807-4512968186
State: CA Zip:	Project #: 173845
Conoco Phillips Mgr: Bill Borgh	Sampler Name: Basilio

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	Matrix	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	~~8260 full list w/ oxygenates~~ Ferrous Iron by 3500 (FE-D) TOC by 415.1	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B EDB/EDC by 8260B	TPH -G by GC/MS	Specific Conductance by 120.1, DO by SM4500-O, ORP by ASTM D1498	Sulfate by 300.0, Nitrate by 300.0, Dissolved Manganese by 200.8	Chromium by 6010, Chromium VI by 7196	Total Manganese by 200.8, Total Chromium by 6010	Turnaround Time Requested
-1		MW-10	11-11-10 1000	g				X	X	X	X	X	X	Dissolved X	X	STD
-2		MW-1AR	0900													
-3		MW-9	0952													
-4		MW-1BR	0910													
-5		MW-8	1135													
-6		MW-11	1042													
-7		MW-7	1120													

Comments:	Relinquished by: (Signature)	Received by:	Date & Time
	[signature]	Ross Dunlay	11-11-10 1335
GLOBAL ID: T0600102263	Relinquished by: (Signature) Ross Dunlay 11-11-10	Received by: R Ringuel	Date & Time 11-11-10 1740
	Relinquished by: (Signature) R Ringuel 11-11-10 2100	Received by: [signature]	Date & Time 11-11-10 2100

Chain of Custody and Cooler Receipt Form for 1015888 Page 2 of 3

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 2

Submission #: 10-15888

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.98 Container: VOA Thermometer ID: #463
Temperature: A 4.9 °C / C 4.9 °C

Date/Time 11/11/10 2110
Analyst Init: S

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

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

Comments:________
Sample Numbering Completed By: JJW Date/Time: 11-11-10 2202
A = Actual / C = Corrected
[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

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

Submission #: 1015888

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: PPR Thermometer ID: 15#463 Date/Time 11/11/10 2110

Temperature: A 1.2 °C / C 1.2 °C Analyst Init S

SAMPLE CONTAINERS	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	B				B	B	B			
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS	C		C		C	C	C			
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON	D					D	D			
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	EF		EF			EF	EF			
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON	G				G	G	G			
ENCORE										

Comments:________
Sample Numbering Completed By: JDW Date/Time: 11-11-10 2202
A = Actual / C = Corrected

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

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1015888-01	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 10:00
	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:
1015888-02	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 09:00
	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:
1015888-03	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 09:52
	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:

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1015888-04	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 09:10
	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:
1015888-05	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 11:35
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-8	**Sample Matrix:** Water
	Sampled By:	TRCI	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:
1015888-06	**COC Number:**	---	**Receive Date:** 11/11/2010 21:00
	Project Number:	0843	**Sampling Date:** 11/11/2010 10:42
	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:

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1015888-07	**COC Number:**	---	**Receive Date:**	11/11/2010 21:00
	Project Number:	0843	**Sampling Date:**	11/11/2010 11:20
	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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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-01 | **Client Sample Name:** 0843, MW-10, 11/11/2010 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**1.6**	**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)	105	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.2	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 01:55	KEA	MS-V12	1	BTK1308

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-01 | **Client Sample Name:** 0843, MW-10, 11/11/2010 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	13	mg/L	0.44	EPA-300.0	ND		1
Sulfate	28	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	529	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	1.8	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.6	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	175.6	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 03:19	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:16	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 08:00	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:35	RML	MET-1	1	BTK1086

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1015888-01 | **Client Sample Name:** 0843, MW-10, 11/11/2010 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	10	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	11	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	9.2	ug/L	1.0	EPA-200.8	ND		3
Total Chromium	20	ug/L	10	EPA-6010B	ND		4
Total Recoverable Manganese	160	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	11/12/10	11/12/10 08:02	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 09:20	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:50	PPS	PE-EL1	1	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:00	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 10:59	PPS	PE-EL1	1	BTK1685

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-02 | **Client Sample Name:** 0843, MW-1AR, 11/11/2010 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**120**	**ug/L**	**1.0**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	99.9	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	107	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	94.0	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 01:37	KEA	MS-V12	1	BTK1308
2	EPA-8260	11/18/10	11/19/10 15:25	KEA	MS-V12	2	BTK1308

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Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-02 | **Client Sample Name:** 0843, MW-1AR, 11/11/2010 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	20	mg/L	0.44	EPA-300.0	ND		1
Sulfate	31	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	545	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	370	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	2.3	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.6	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	206.5	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 03:33	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:34	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 08:54	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:39	RML	MET-1	1	BTK1086

TRC
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Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1015888-02 | **Client Sample Name:** 0843, MW-1AR, 11/11/2010 9:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	ND	ug/L	2.0	EPA-7196	ND		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**210**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**14**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**330**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:02	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 08:38	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:21	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:03	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:26	PPS	PE-EL1	5	BTK1685

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-03 | **Client Sample Name:** 0843, MW-9, 11/11/2010 9:52:00AM

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	**270**	**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	**83**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	97.8	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	106	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	93.1	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.1	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 01:19	KEA	MS-V12	1	BTK1308
2	EPA-8260	11/18/10	11/19/10 15:07	KEA	MS-V12	5	BTK1308

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-03 | **Client Sample Name:** 0843, MW-9, 11/11/2010 9:52:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	6.0	mg/L	0.44	EPA-300.0	ND		1
Sulfate	35	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	686	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	ND	ug/L	500	SM-3500-FeD	ND	A10	3
Non-Volatile Organic Carbon	2.4	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	6.5	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	217.8	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 04:13	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:39	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	5	BTK1071
4	EPA-415.1	11/29/10	11/30/10 09:07	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:43	RML	MET-1	1	BTK1086

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1015888-03 | **Client Sample Name:** 0843, MW-9, 11/11/2010 9:52:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	**2.6**	**ug/L**	**2.0**	**EPA-7196**	**ND**		1
Dissolved Chromium	ND	ug/L	10	EPA-6010B	ND		2
Dissolved Manganese	**180**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**24**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1000**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:02	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 08:44	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:24	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:05	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:29	PPS	PE-EL1	5	BTK1685

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-04 | **Client Sample Name:** 0843, MW-1BR, 11/11/2010 9:10:00AM

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	**230**	**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	**75**	**ug/L**	**50**	**Luft-GC/MS**	**ND**	**A90**	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	96.8	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	94.6	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.0	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 01:01	KEA	MS-V12	1	BTK1308
2	EPA-8260	11/18/10	11/19/10 14:49	KEA	MS-V12	5	BTK1308

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-04 | **Client Sample Name:** 0843, MW-1BR, 11/11/2010 9:10:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	ND	mg/L	0.44	EPA-300.0	ND		1
Sulfate	28	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	540	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	250	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	1.9	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.0	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	227.8	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 04:27	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:45	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 09:21	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:47	RML	MET-1	1	BTK1086

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (Metals)

BCL Sample ID: 1015888-04 | **Client Sample Name:** 0843, MW-1BR, 11/11/2010 9:10:00AM

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	**130**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**12**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**170**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:02	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 08:47	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:27	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:08	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:32	PPS	PE-EL1	5	BTK1685

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

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-05 | **Client Sample Name:** 0843, MW-8, 11/11/2010 11:35:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
1,2-Dibromoethane	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
1,2-Dichloroethane	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
Ethylbenzene	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
Methyl t-butyl ether	**4900**	**ug/L**	**50**	**EPA-8260**	**ND**	**A01,Z1**	1
Toluene	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
Total Xylenes	ND	ug/L	100	EPA-8260	ND	A01,Z1	1
t-Amyl Methyl ether	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
t-Butyl alcohol	ND	ug/L	1000	EPA-8260	ND	A01,Z1	1
Diisopropyl ether	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
Ethanol	ND	ug/L	25000	EPA-8260	ND	A01,Z1	1
Ethyl t-butyl ether	ND	ug/L	50	EPA-8260	ND	A01,Z1	1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	5000	Luft-GC/MS	ND	A01,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	96.0	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 14:31	KEA	MS-V12	100	BTK1308
2	EPA-8260	11/18/10	11/19/10 00:42	KEA	MS-V12	1	BTK1308

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Project: 0843
Project Number: 4512968186
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Water Analysis (General Chemistry)

BCL Sample ID: 1015888-05 | **Client Sample Name:** 0843, MW-8, 11/11/2010 11:35:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	5.2	mg/L	0.44	EPA-300.0	ND		1
Sulfate	83	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	724	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	430	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	3.7	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	7.7	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	229.2	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 04:40	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:51	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 10:01	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:51	RML	MET-1	1	BTK1086

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Project Number: 4512968186
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Water Analysis (Metals)

BCL Sample ID: 1015888-05 | **Client Sample Name:** 0843, MW-8, 11/11/2010 11:35:00AM

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	**810**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**46**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1000**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:15	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 08:55	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:39	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:11	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:35	PPS	PE-EL1	5	BTK1685

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

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-06 | **Client Sample Name:** 0843, MW-11, 11/11/2010 10:42:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Methyl t-butyl ether	**6100**	**ug/L**	**50**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	10	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	100	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	2500	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**1600**	**ug/L**	**500**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	98.9	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	107	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	94.7	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	94.4	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 16:02	KEA	MS-V12	10	BTK1308
2	EPA-8260	11/18/10	11/18/10 21:01	KEA	MS-V12	100	BTK1308

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-06 | **Client Sample Name:** 0843, MW-11, 11/11/2010 10:42:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	2.7	mg/L	0.44	EPA-300.0	ND		1
Sulfate	23	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	718	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	990	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	2.8	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)	145.0	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 04:54	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 18:57	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 10:15	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 11:55	RML	MET-1	1	BTK1086

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Water Analysis (Metals)

BCL Sample ID: 1015888-06 | **Client Sample Name:** 0843, MW-11, 11/11/2010 10:42:00AM

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	**610**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**17**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**830**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:06	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 09:17	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:42	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:14	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:38	PPS	PE-EL1	5	BTK1685

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

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015888-07 | **Client Sample Name:** 0843, MW-7, 11/11/2010 11:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethylbenzene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Methyl t-butyl ether	**13000**	**ug/L**	**100**	**EPA-8260**	**ND**	**A01**	2
Toluene	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Xylenes	ND	ug/L	10	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
t-Butyl alcohol	**1200**	**ug/L**	**100**	**EPA-8260**	**ND**	**A01**	1
Diisopropyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	2500	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	5.0	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**2600**	**ug/L**	**500**	**Luft-GC/MS**	**ND**	**A01,A90**	1
1,2-Dichloroethane-d4 (Surrogate)	96.5	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	107	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	96.8	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.1	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/18/10	11/19/10 15:43	KEA	MS-V12	10	BTK1308
2	EPA-8260	11/18/10	11/18/10 20:43	KEA	MS-V12	200	BTK1308

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Reported: 12/01/2010 16:59
Project: 0843
Project Number: 4512968186
Project Manager: Anju Farfan

Water Analysis (General Chemistry)

BCL Sample ID: 1015888-07 | **Client Sample Name:** 0843, MW-7, 11/11/2010 11:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Nitrate as NO3	2.3	mg/L	0.44	EPA-300.0	ND		1
Sulfate	67	mg/L	1.0	EPA-300.0	ND		1
Electrical Conductivity @ 25 C	740	umhos/cm	1.00	EPA-120.1			2
Iron (II) Species	2000	ug/L	100	SM-3500-FeD	ND		3
Non-Volatile Organic Carbon	4.1	mg/L	0.30	EPA-415.1	ND		4
Dissolved Oxygen	6.3	mg O/L	0.50	SM-4500OG		S05	5
Oxidation Reduction Potential (Eobs_Ag/AgCl)	54.88	mV	-1000	ASTM-D1498			6

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	11/12/10	11/12/10 05:07	TMS	IC1	1	BTK1030
2	EPA-120.1	11/12/10	11/12/10 19:03	RML	MET-1	1	BTK1085
3	SM-3500-FeD	11/14/10	11/14/10 19:00	MRM	SPEC05	1	BTK1071
4	EPA-415.1	11/29/10	11/30/10 10:28	TMS	TOC2	1	BTK2107
5	SM-4500OG	11/12/10	11/12/10 07:20	HPR	YSI-57	1	BTK1018
6	ASTM-D1498	11/12/10	11/12/10 12:01	RML	MET-1	1	BTK1086

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

Water Analysis (Metals)

BCL Sample ID: 1015888-07 | **Client Sample Name:** 0843, MW-7, 11/11/2010 11:20:00AM

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	**1000**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	3
Total Chromium	**27**	**ug/L**	**10**	**EPA-6010B**	**ND**		4
Total Recoverable Manganese	**1000**	**ug/L**	**5.0**	**EPA-200.8**	**ND**	**A01**	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-7196	11/12/10	11/12/10 08:06	TDC	KONE-1	1	BTK1144
2	EPA-6010B	11/12/10	11/15/10 09:34	ARD	PE-OP1	1	BTK1076
3	EPA-200.8	11/12/10	11/29/10 13:05	PPS	PE-EL1	5	BTK1785
4	EPA-6010B	11/17/10	11/18/10 00:16	JRG	PE-OP1	1	BTK1345
5	EPA-200.8	11/22/10	11/29/10 11:41	PPS	PE-EL1	5	BTK1685

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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: BTK1308						
Benzene	BTK1308-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BTK1308-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTK1308-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTK1308-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTK1308-BLK1	ND	ug/L	0.50		
Toluene	BTK1308-BLK1	ND	ug/L	0.50		
Total Xylenes	BTK1308-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BTK1308-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BTK1308-BLK1	ND	ug/L	10		
Diisopropyl ether	BTK1308-BLK1	ND	ug/L	0.50		
Ethanol	BTK1308-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BTK1308-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BTK1308-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTK1308-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTK1308-BLK1	104	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTK1308-BLK1	93.9	%	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: BTK1308										
Benzene	BTK1308-BS1	LCS	22.240	25.000	ug/L	89.0		70 - 130		
Toluene	BTK1308-BS1	LCS	22.910	25.000	ug/L	91.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTK1308-BS1	LCS	9.7600	10.000	ug/L	97.6		76 - 114		
Toluene-d8 (Surrogate)	BTK1308-BS1	LCS	10.540	10.000	ug/L	105		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTK1308-BS1	LCS	9.8800	10.000	ug/L	98.8		86 - 115		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BTK1308	Used client sample: N										
Benzene	MS	1016068-03	ND	28.590	25.000	ug/L		114		70 - 130	
	MSD	1016068-03	ND	28.050	25.000	ug/L	1.9	112	20	70 - 130	
Toluene	MS	1016068-03	ND	30.320	25.000	ug/L		121		70 - 130	
	MSD	1016068-03	ND	29.680	25.000	ug/L	2.1	119	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1016068-03	ND	9.5500	10.000	ug/L		95.5		76 - 114	
	MSD	1016068-03	ND	9.6600	10.000	ug/L	1.1	96.6		76 - 114	
Toluene-d8 (Surrogate)	MS	1016068-03	ND	10.600	10.000	ug/L		106		88 - 110	
	MSD	1016068-03	ND	10.580	10.000	ug/L	0.2	106		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1016068-03	ND	9.8800	10.000	ug/L		98.8		86 - 115	
	MSD	1016068-03	ND	10.030	10.000	ug/L	1.5	100		86 - 115	

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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BTK1030						
Nitrate as NO3	BTK1030-BLK1	ND	mg/L	0.44		
Sulfate	BTK1030-BLK1	ND	mg/L	1.0		
QC Batch ID: BTK1071						
Iron (II) Species	BTK1071-BLK1	ND	ug/L	100		
QC Batch ID: BTK2107						
Non-Volatile Organic Carbon	BTK2107-BLK1	ND	mg/L	0.30		

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Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BTK1030										
Nitrate as NO3	BTK1030-BS1	LCS	21.643	22.134	mg/L	97.8		90 - 110		
Sulfate	BTK1030-BS1	LCS	101.69	100.00	mg/L	102		90 - 110		
QC Batch ID: BTK1071										
Iron (II) Species	BTK1071-BS1	LCS	1923.1	2000.0	ug/L	96.2		90 - 110		
QC Batch ID: BTK1085										
Electrical Conductivity @ 25 C	BTK1085-BS1	LCS	310.20	303.00	umhos/cm	102		90 - 110		
QC Batch ID: BTK2107										
Non-Volatile Organic Carbon	BTK2107-BS1	LCS	5.4800	5.0000	mg/L	110		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: BTK1018	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Dissolved Oxygen	DUP	1015888-01	7.6000	7.6000		mg O/L	0		10		
QC Batch ID: BTK1030	Used client sample: N										
Nitrate as NO3	DUP	1015873-01	3.6167	4.0727		mg/L	11.9		10		Q01
	MS	1015873-01	3.6167	26.462	22.358	mg/L		102		80 - 120	
	MSD	1015873-01	3.6167	26.610	22.358	mg/L	0.6	103	10	80 - 120	
Sulfate	DUP	1015873-01	126.08	126.20		mg/L	0.1		10		
	MS	1015873-01	126.08	234.59	101.01	mg/L		107		80 - 120	
	MSD	1015873-01	126.08	235.65	101.01	mg/L	0.5	108	10	80 - 120	
QC Batch ID: BTK1071	Used client sample: Y - Description: MW-9R, 11/11/2010 10:55										
Iron (II) Species	DUP	1015883-06	212360	211460		ug/L	0.4		10		
QC Batch ID: BTK1085	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Electrical Conductivity @ 25 C	DUP	1015888-01	529.10	530.20		umhos/cm	0.2		10		
QC Batch ID: BTK1086	Used client sample: Y - Description: MW-9R, 11/11/2010 10:55										
Oxidation Reduction Potential (Eobs_Ag/	DUP	1015883-06	-86.690	-89.340		mV	3.0		10		
QC Batch ID: BTK2107	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Non-Volatile Organic Carbon	DUP	1015888-01	1.8140	1.7880		mg/L	1.4		10		
	MS	1015888-01	1.8140	6.9367	5.0251	mg/L		102		80 - 120	
	MSD	1015888-01	1.8140	6.9578	5.0251	mg/L	0.3	102	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: BTK1076						
Dissolved Chromium	BTK1076-BLK1	ND	ug/L	10		
QC Batch ID: BTK1144						
Hexavalent Chromium	BTK1144-BLK1	ND	ug/L	2.0		
QC Batch ID: BTK1345						
Total Chromium	BTK1345-BLK1	ND	ug/L	10		
QC Batch ID: BTK1685						
Total Recoverable Manganese	BTK1685-BLK1	ND	ug/L	1.0		
QC Batch ID: BTK1785						
Dissolved Manganese	BTK1785-BLK1	ND	ug/L	1.0		

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Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BTK1076										
Dissolved Chromium	BTK1076-BS1	LCS	199.96	200.00	ug/L	100		85 - 115		
QC Batch ID: BTK1144										
Hexavalent Chromium	BTK1144-BS1	LCS	47.267	50.000	ug/L	94.5		85 - 115		
QC Batch ID: BTK1345										
Total Chromium	BTK1345-BS1	LCS	203.84	200.00	ug/L	102		85 - 115		
QC Batch ID: BTK1685										
Total Recoverable Manganese	BTK1685-BS1	LCS	97.999	100.00	ug/L	98.0		85 - 115		
QC Batch ID: BTK1785										
Dissolved Manganese	BTK1785-BS1	LCS	98.844	100.00	ug/L	98.8		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: BTK1076	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Dissolved Chromium	DUP	1015888-01	11.266	11.220		ug/L	0.4		20		
	MS	1015888-01	11.266	211.71	204.08	ug/L		98.2		75 - 125	
	MSD	1015888-01	11.266	223.18	204.08	ug/L	5.3	104	20	75 - 125	
QC Batch ID: BTK1144	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Hexavalent Chromium	DUP	1015888-01	10.079	10.261		ug/L	1.8		10		
	MS	1015888-01	10.079	61.021	52.632	ug/L		96.8		85 - 115	
	MSD	1015888-01	10.079	60.929	52.632	ug/L	0.2	96.6	10	85 - 115	
QC Batch ID: BTK1345	Used client sample: N										
Total Chromium	DUP	1015604-01	1.9827	ND		ug/L			20		A02
	MS	1015604-01	1.9827	209.95	200.00	ug/L		104		75 - 125	
	MSD	1015604-01	1.9827	197.38	200.00	ug/L	6.2	97.7	20	75 - 125	
QC Batch ID: BTK1685	Used client sample: Y - Description: MW-10, 11/11/2010 10:00										
Total Recoverable Manganese	DUP	015888-01RE'	164.50	157.14		ug/L	4.6		20		
	MS	015888-01RE'	164.50	247.57	100.00	ug/L		83.1		70 - 130	
	MSD	015888-01RE'	164.50	241.06	100.00	ug/L	2.7	76.6	20	70 - 130	
QC Batch ID: BTK1785	Used client sample: Y - Description: MW-7, 11/11/2010 11:20										
Dissolved Manganese	DUP	1015888-07	1002.4	990.50		ug/L	1.2		20		
	MS	1015888-07	1002.4	1498.6	510.20	ug/L		97.3		70 - 130	
	MSD	1015888-07	1002.4	1491.1	510.20	ug/L	0.5	95.8	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.
A02	The difference between duplicate readings is less than the PQL.
A10	PQL's and MDL's were raised due to matrix interference.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.
Q01	Sample precision is not within the control limits.
S05	The sample holding time was exceeded.
Z1	When run at a higher dilution, MTBE returns a result out of quantitative range & all other reportable compounds are non-existent.

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.