ConocoPhillips
76 Broadway
Sacramento, California 95818

July 21, 2009

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

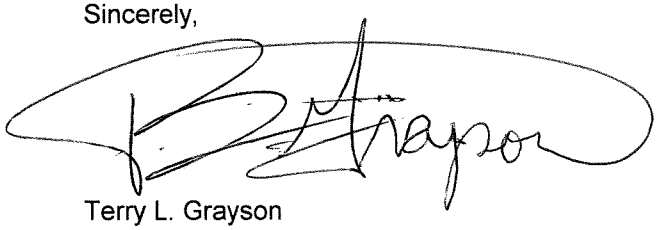
Re: ***Quarterly Summary Report—Second Quarter 2009***
Former 76 Service Station # 0843 RO # 0450
1629 Webster Street
Alameda, CA

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 call me at (916) 558-7666.

Sincerely,



Terry L. Grayson
Site Manager
Risk Management & Remediation

July 21, 2009

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

Re: Quarterly Summary Report – Second Quarter 2009
Fuel Leak Case No. RO0000450

Dear Ms. Jakub:

DELTA

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the Quarterly Summary Report - First Quarter 2009 and forwarding a copy of TRC Solutions, Inc. (TRC's) *Quarterly Monitoring Report, April through June 2009,* dated July 7, 2009, for the following location:

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

Sincerely,
Delta Consultants

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

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/10
GEOLOGY
STATE OF CALIFORNIA

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

a member of: Inogen Environmental Alliance

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

QUARTERLY SUMMARY REPORT
Second Quarter 2009

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

On January 24, 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.

On August 14, 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.

SENSITIVE RECEPTORS

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

November 2006 – A survey entailing a visit to the DWR office in Sacramento was conducted to examine well log records and to identify domestic wells within the survey area. The DWR survey provided 15 potential receptors within one mile of the site; one domestic well located 0.5 mile southwest of the site; one domestic/irrigation well located 0.7 mile southeast of the site; 11 irrigation wells with three located 0.1 mile northwest, west, and southeast of the site; and two industrial wells located 0.3 miles southwest and 0.9 mile northeast of the site.

GROUNDWATER MONITORING AND SAMPLING

Quarterly groundwater monitoring and sampling was initiated in March 1999. During the most recent groundwater monitoring and sampling event conducted on May 28, 2009, depth to groundwater ranged from 5.12 feet (MW-5) to 8.29 (MW-7) below top of casing (TOC). The groundwater flow direction was interpreted to be to the east with a gradient of 0.02 foot per foot (ft/ft) as compared to the previous quarterly sampling event (2/24/2009) when the groundwater flow direction was interpreted to be to the north with a gradient of 0.004 ft/ft. Historic groundwater flow directions are shown on a rose diagram presented as Attachment B.

Constituents of Concern:

- **TPHg:** Total purgeable petroleum hydrocarbons (as gasoline), were above the laboratory's indicated reporting limits in eight of the twelve groundwater samples collected and submitted for analysis, with a maximum concentration of 1,200 micrograms per liter (µg/L) in MW-9. During the previous sampling event (2/24/2009), TPHg was above the laboratory's indicated reporting limits in two of the six wells sampled with a maximum concentration of 630 in MW-1.

- **Benzene:** Benzene was not reported above the laboratory's indicated reporting limits in any of the twelve wells sampled during the current event. These results are consistent with the previous (2/24/2009) sampling event.

- **MTBE:** MTBE was above the laboratory's indicated reporting limits in nine of the twelve wells samples, with a maximum concentration of 15,000 µg/L in well MW-11. During the previous sampling event (2/24/2009), MTBE was above the laboratory's indicated reporting limits in four of the six wells sampled with a maximum concentration of 2,300 µg/L in MW-1.

Additionally, ethyl-benzene was reported above the laboratory's indicated reporting limits in two of the twelve wells sampled, with a maximum concentration of 1.4 µg/L in well MW-7. Toluene was reported above the laboratory's indicated reporting limits in two of the twelve wells sampled, with a maximum concentration of 15 µg/L in well MW-9. Total xylenes were below the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis during the current sampling event.

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.

DISCUSSION

During the second quarter 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. These new wells were monitored and sampled during the current event.

Delta will proceed with the proposed ozone injection feasibility testing event during the third quarter 2009. Upon completion of the feasibility testing event, Delta will analyze the data and make further recommendations regarding remedial activities at the site.

RECENT CORRESPONDENCE

During the first quarter 2009, Alameda County Health Department (ACDH) acknowledged in a letter dated March 6, 2009, receipt of the Work Plan – Site Investigation and Monitoring Well Installation submitted by Delta dated March 16, 2009. The Work Plan was approved by ACDH on April 9, 2009.

WASTE DISPOSAL SUMMARY

Waste generated during the recent site investigation was removed from site and properly disposed of at a COP-approved facility.

THIS QUARTER ACTIVITIES (Second Quarter 2009)

1. TRC conducted the quarterly monitoring and sampling activities at the site.

2. 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 will be presented under a separate cover.

NEXT QUARTER ACTIVITIES (Third Quarter 2009)

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

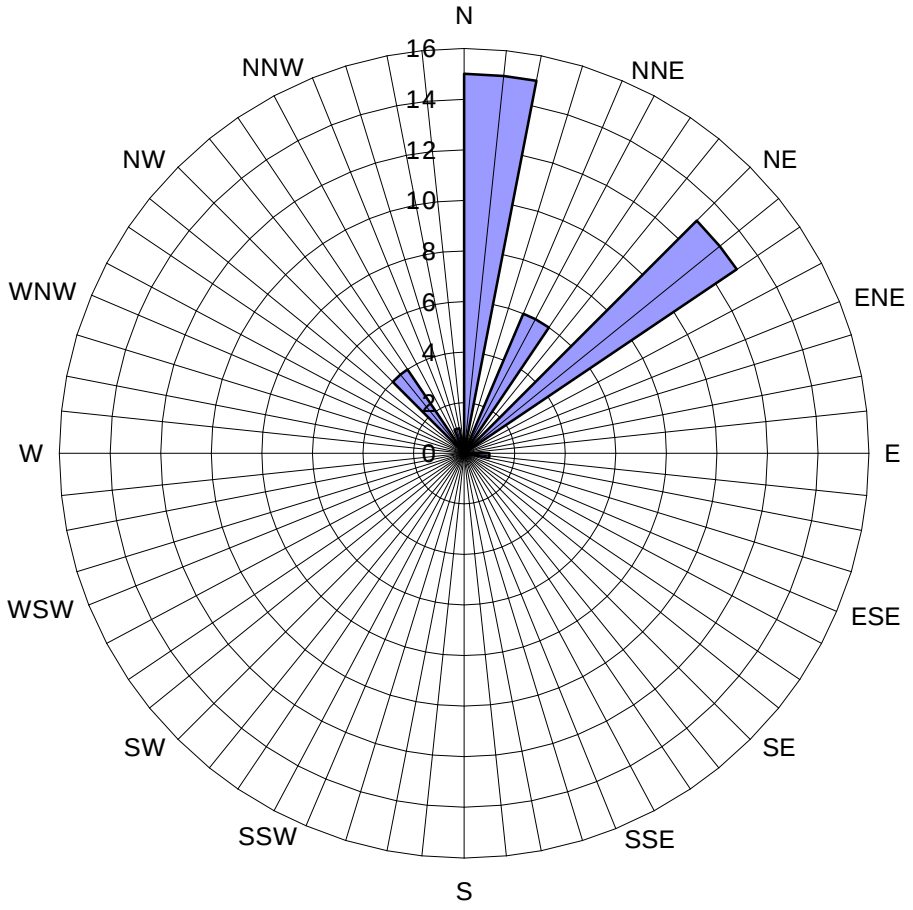
2. Delta will prepare and submit a *Site Investigation and Monitoring Well Completion Report.*

CONSULTANT: Delta Consultants

Attachment A – Historic Groundwater Flow Directions

Attachment A
Historic Groundwater Flow Directions

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



Legend
Concentric circles represent quarterly monitoring events
First Quarter 1999 through Second Quarter 2009
40 data points shown

Groundwater Flow Direction

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: July 7, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

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

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2009

Dear Mr. Grayson:

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

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

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

Enclosures
20-0400/0843R24.QMS

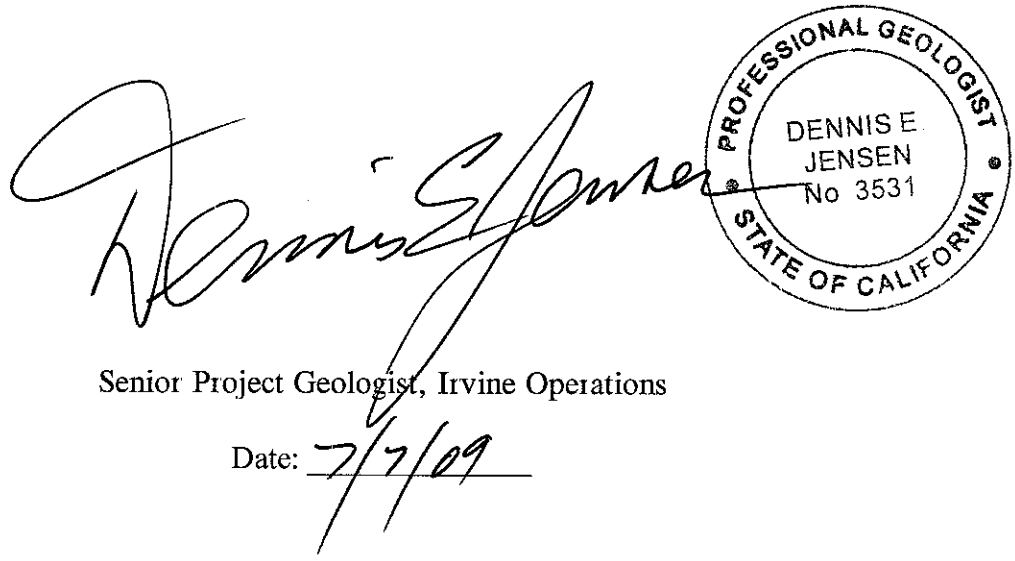
QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2009

FORMER 76 STATION 0843
1629 Webster Street
Alameda, California

Prepared For:

Mr. Terry Grayson
ConocoPhillips Company
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 7/7/09

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 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* Well Concentrations
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map Figure 6: Dissolved-Phase TBA Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheets – 05/28/09 Groundwater Sampling Field Notes – 05/28/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2009 through June 2009
Former 76 Station 0843
1629 Webster Street
Alameda, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **05/28/09**

Sample Points

Groundwater wells: **10** onsite, **2** offsite Points gauged: **12** Points sampled: **12**
Purging method: **Submersible pump**
Purge water disposal: **Crosby and Overton treatment facility**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **5.12 feet** Maximum: **8.29 feet**
Average groundwater elevation (relative to available local datum): **11.87 feet**
Average change in groundwater elevation since previous event: **0.16 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, east**
Previous event: **0.004 ft/ft, north (02/24/09)**

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** **9** Maximum: **1,200 µg/l (MW-9)**
Sample Points with **MTBE 8260B** **9** Maximum: **15,000 µg/l (MW-11, MW-7)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0 01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

ANALYTES

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

NOTES

1. Elevations are in feet above mean sea level Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation - Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known A value of 0 75 is used for gasoline and when the density is not known A value of 0 83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report

REFERENCE

TRC began groundwater monitoring and sampling for 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)	Iron Ferrous	Manganese (dissolved)
Table 1b	Well/ Date	Manganese (total)	Nitrogen as Nitrate	Sulfate	Dissolved Oxygen (Lab)	Redox Potential (ORP-Lab)	Specific Con-ductance	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP		

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Carbon (organic, total)	Chromium VI	Chromium (total)	Iron Ferrous	Manganese (dissolved)
Table 2b	Well/ Date	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

May 28, 2009

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)**											
05/28/09	19.13	6.46	0.00	12.67	0.27	--	1000	ND<10	ND<10	ND<10	ND<20	--	4100	
MW-1AR			**(Screen Interval in feet: 25-30)**											
05/28/09	19.29	7.25	0.00	12.04	--	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	930	
MW-1BR			**(Screen Interval in feet: 30-35)**											
05/28/09	19.13	6.70	0.00	12.43	--	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	810	
MW-3			**(Screen Interval in feet: 5.0-20.0)**											
05/28/09	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	
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
05/28/09	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	
MW-5			**(Screen Interval in feet: 5-20)**											
05/28/09	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	
MW-6			**(Screen Interval in feet: 5-20)**											
05/28/09	16.97	5.26	0.00	11.71	-0.06	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
MW-7			**(Screen Interval in feet: 25-30)**											
05/28/09	17.81	8.29	0.00	9.52	--	--	1100	ND<0.50	ND<0.50	1.4	7.1	--	15000	
MW-8			**(Screen Interval in feet: 25-30)**											
05/28/09	18.13	7.42	0.00	10.71	--	--	850	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12000	
MW-9			**(Screen Interval in feet: 20-25)**											
05/28/09	18.75	6.24	0.00	12.51	--	--	1200	ND<0.50	ND<0.50	0.75	15	--	13000	
MW-10			**(Screen Interval in feet: 25-30)**											
05/28/09	18.84	6.69	0.00	12.15	--	--	700	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3500	
MW-11			**(Screen Interval in feet: 25-30)**											
05/28/09	18.72	6.18	0.00	12.54	--	--	920	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15000	

TRC

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)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-1												
05/28/09	ND<200	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	1.8	2.0	87	ND<500	2.4
MW-1AR												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.6	--	--	--	--	--
MW-1BR												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	--	--	--	--	--
MW-3												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-4												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-5												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-6												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-7												
05/28/09	150	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--	--
MW-8												
05/28/09	36	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.7	9.9	ND<2.0	140	ND<1000	280
MW-9												
05/28/09	40	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--	--
MW-10												
05/28/09	39	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.6	2.4	2.0	ND<10	150	280
MW-11												
05/28/09	140	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.4	--	--	--	--	--

TRC

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	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										
05/28/09	550	9.9	25	8.6	130	463	0.80	2.95	119	171
MW-1AR										
05/28/09	--	--	--	--	--	--	1.72	0.95	144	177
MW-1BR										
05/28/09	--	--	--	--	--	--	0.61	1.37	145	165
MW-3										
05/28/09	--	--	--	--	--	--	0.61	4.03	141	85
MW-4										
05/28/09	--	--	--	--	--	--	3.68	3.76	141	55
MW-5										
05/28/09	--	--	--	--	--	--	1.71	4.32	138	94
MW-6										
05/28/09	--	--	--	--	--	--	1.06	1.85	142	56
MW-7										
05/28/09	--	--	--	--	--	--	1.24	0.63	160	124
MW-8										
05/28/09	830	12	130	9.0	124	923	2.22	1.38	146	68
MW-10										
05/28/09	350	9.1	30	7.1	139	661	0.30	1.76	151	156
MW-11										
05/28/09	--	--	--	--	--	--	0.22	0.80	1.56	147

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

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)**											
03/05/99	16.18	--	--	--	--	86.6	--	ND	2.04	ND	4.06	--	23.9	
06/03/99	16.18	6.24	0.00	9.94	--	ND	--	ND	ND	ND	ND	ND	ND	
09/02/99	16.18	7.19	0.00	8.99	-0.95	ND	--	ND	ND	ND	ND	ND	ND	
12/14/99	16.18	8.07	0.00	8.11	-0.88	ND	--	ND	ND	ND	ND	ND	--	
03/14/00	16.18	5.47	0.00	10.71	2.60	ND	--	ND	ND	ND	ND	ND	--	
05/31/00	16.18	6.22	0.00	9.96	-0.75	ND	--	ND	ND	ND	ND	ND	--	
08/29/00	16.18	6.82	0.00	9.36	-0.60	ND	--	ND	ND	ND	ND	ND	--	
12/01/00	16.18	7.54	0.00	8.64	-0.72	ND	--	ND	ND	ND	ND	ND	--	
03/17/01	16.18	5.73	0.00	10.45	1.81	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	16.18	6.43	0.00	9.75	-0.70	ND	--	ND	ND	ND	ND	ND	--	
09/24/01	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	--	
12/10/01	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	--	
03/11/02	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	--	
06/07/02	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	--	
09/03/02	16.18	--	--	--	--	--	--	--	--	--	--	--	--	Not monitored/sampled
12/12/02	16.18	7.80	0.00	8.38	--	--	--	--	--	--	--	--	--	No longer sampled
03/13/03	16.18	5.94	0.00	10.24	1.86	--	--	--	--	--	--	--	--	
06/12/03	16.18	6.10	0.00	10.08	-0.16	--	--	--	--	--	--	--	--	
09/12/03	16.18	6.65	0.00	9.53	-0.55	--	--	--	--	--	--	--	--	
12/31/03	16.18	5.74	0.00	10.44	0.91	--	--	--	--	--	--	--	--	Monitored Only
02/12/04	16.18	6.02	0.00	10.16	-0.28	--	--	--	--	--	--	--	--	Monitored Only
06/07/04	16.18	6.61	0.00	9.57	-0.59	--	--	--	--	--	--	--	--	Monitored Only

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
09/17/04	16.18	7.58	0.00	8.60	-0.97	--	--	--	--	--	--	--	--	Sampled Q1 only
12/11/04	16.18	6.49	0.00	9.69	1.09	--	--	--	--	--	--	--	--	Sampled Q1 only
03/15/05	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	
05/17/05	16.18	5.83	0.00	10.35	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 only
07/27/05	16.18	6.52	0.00	9.66	-0.69	--	--	--	--	--	--	--	--	Sampled Q1 only
11/23/05	16.18	7.28	0.00	8.90	-0.76	--	--	--	--	--	--	--	--	Sampled Q1 only
02/24/06	16.18	6.60	0.00	9.58	0.68	--	910	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5100	
05/30/06	16.18	6.48	0.00	9.70	0.12	--	--	--	--	--	--	--	--	Sampled Q1 only
08/30/06	16.18	9.51	0.00	6.67	-3.03	--	--	--	--	--	--	--	--	Sampled Q1 only
11/22/06	16.18	7.05	0.00	9.13	2.46	--	220	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	420	
02/23/07	16.18	6.40	0.00	9.78	0.65	--	1300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1700	
05/18/07	16.18	6.65	0.00	9.53	-0.25	--	2300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	3300	
08/10/07	16.18	7.26	0.00	8.92	-0.61	--	4100	ND<25	ND<25	ND<25	ND<25	--	4300	
11/09/07	16.18	7.40	0.00	8.78	-0.14	--	5700	ND<25	ND<25	ND<25	ND<25	--	5400	
02/08/08	16.18	6.09	0.00	10.09	1.31	--	2600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	4100	
05/16/08	16.18	6.87	0.00	9.31	-0.78	--	1800	ND<12	ND<12	ND<12	42	--	3500	
08/15/08	16.18	7.78	0.00	8.40	-0.91	--	1200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	1900	
11/26/08	16.18	8.65	0.00	7.53	-0.87	--	720	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2400	
02/24/09	19.13	6.73	0.00	12.40	4.87	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2300	
05/28/09	19.13	6.46	0.00	12.67	0.27	--	1000	ND<10	ND<10	ND<10	ND<20	--	4100	
MW-1AR			**(Screen Interval in feet: 25-30)**											
05/28/09	19.29	7.25	0.00	12.04	--	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	930	
MW-1BR			**(Screen Interval in feet: 30-35)**											

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

Former 76 Station 0843

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1BR continued														
05/28/09	19.13	6.70	0.00	12.43	--	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	810	
MW-2			**(Screen Interval in feet: 4.5-20.5)**											
03/05/99	15.57	--	0.00	--	--	34400	--	2070	7710	2340	8240	--	8460	
06/03/99	15.57	5.96	0.00	9.61	--	51200	--	1820	7570	2510	7320	6460	8800	
09/02/99	15.57	6.85	0.00	8.72	-0.89	17000	--	1000	3100	1400	3700	4000	3720	
12/14/99	15.57	7.65	0.00	7.92	-0.80	83000	--	3000	22000	4500	17000	9100	11000	
03/14/00	15.57	5.26	0.00	10.31	2.39	31000	--	1600	4600	2300	7300	5700	8700	
05/31/00	15.57	5.60	0.00	9.97	-0.34	9970	--	598	1030	487	2060	2500	1670	
08/29/00	15.57	6.35	0.00	9.22	-0.75	7900	--	390	1500	280	1900	1800	1300	
12/01/00	15.57	7.06	0.00	8.51	-0.71	87500	--	1860	17400	5590	19400	6220	3790	
03/17/01	15.57	5.98	0.00	9.59	1.08	4310	--	371	59.0	280	682	321	433	
05/23/01	15.57	6.97	0.00	8.60	-0.99	45400	--	374	4490	2790	10900	ND	406	
09/24/01	15.57	7.56	0.00	8.01	-0.59	76000	--	430	13000	4700	18000	ND<2000	480	
12/10/01	15.57	6.52	0.00	9.05	1.04	82000	--	320	9100	4400	16000	ND<2500	270	
03/11/02	15.57	5.51	0.00	10.06	1.01	14000	--	75	1400	1100	3600	ND<250	150	
06/07/02	15.57	5.73	0.00	9.84	-0.22	14000	--	120	1200	1400	4700	540	200	
09/03/02	15.57	6.81	0.00	8.76	-1.08	10000	--	150	1200	610	2800	510	460	
12/12/02	15.57	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed, replaced with MW-2A
MW-2a			**(Screen Interval in feet: 5-11.5)**											
12/12/02	15.56	7.45	0.00	8.11	--	3400	--	80	260	210	1000	380	400	
03/13/03	--	5.85	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1.8	2.4	2.4	
06/12/03	--	6.08	0.00	--	--	ND<50	--	0.59	0.69	ND<0.50	1.2	6.0	4.7	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

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														
09/12/03	15.56	6.54	0.00	9.02	--	--	120	1.8	4.2	6.1	20	--	6.6	
12/31/03	15.56	5.63	0.00	9.93	0.91	88	--	0.79	1.8	3.6	14	ND<5.0	2.9	
02/12/04	15.56	5.68	0.00	9.88	-0.05	160	--	2.6	4.8	13	48	7.2	7.9	
06/07/04	15.56	6.21	0.00	9.35	-0.53	94	--	0.80	1.2	2.1	9.1	4.5	3.7	
09/17/04	15.56	7.16	0.00	8.40	-0.95	--	230	3.5	6.1	13	41	--	83	
12/11/04	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	
03/15/05	15.56	5.52	0.00	10.04	0.32	--	92	0.84	1.7	2.4	9.8	--	ND<10	
05/17/05	15.56	5.55	0.00	10.01	-0.03	--	54	2.1	1.7	1.9	7.0	--	2.9	
07/27/05	15.56	6.16	0.00	9.40	-0.61	--	ND<50	0.66	1.1	1.3	4.2	--	3.7	
11/23/05	15.56	6.88	0.00	8.68	-0.72	--	120	1.3	2.8	7.8	30	--	10	
02/24/06	15.56	5.79	0.00	9.77	1.09	--	84	0.51	1.2	4.2	16	--	7.2	
05/30/06	15.56	5.62	0.00	9.94	0.17	--	69	0.90	2.2	3.7	14	--	4.1	
08/30/06	15.56	6.38	0.00	9.18	-0.76	--	77	ND<0.50	0.50	1.0	3.3	--	2.5	
11/22/06	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	
02/23/07	15.56	6.05	0.00	9.51	0.55	--	ND<50	ND<0.50	0.66	ND<0.50	1.1	--	0.72	
05/18/07	15.56	6.29	0.00	9.27	-0.24	--	ND<50	ND<0.50	ND<0.50	0.68	1.6	--	0.81	
08/10/07	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	
11/09/07	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	
02/08/08	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	
05/16/08	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	
08/15/08	15.56	7.35	0.00	8.21	-0.85	--	78	ND<0.50	0.79	2.9	6.5	--	ND<0.50	
11/26/08	15.56	8.12	0.00	7.44	-0.77	--	120	0.56	0.66	4.6	6.0	--	1.8	
02/24/09	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

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			**(Screen Interval in feet: 5.0-20.0)**											
03/05/99	15.11	--	0.00	--	--	135	--	ND	ND	ND	4.84	--	2.46	
06/03/99	15.11	5.57	0.00	9.54	--	ND	--	ND	ND	ND	ND	5.23	12.7	
09/02/99	15.11	6.50	0.00	8.61	-0.93	ND	--	ND	ND	ND	ND	13	11	
12/14/99	15.11	7.28	0.00	7.83	-0.78	ND	--	ND	ND	ND	ND	ND	--	
03/14/00	15.11	4.87	0.00	10.24	2.41	ND	--	ND	ND	ND	ND	7.2	6.3	
05/31/00	15.11	5.58	0.00	9.53	-0.71	ND	--	ND	ND	ND	ND	ND	--	
08/29/00	15.11	6.06	0.00	9.05	-0.48	ND	--	ND	ND	ND	ND	ND	ND	
12/01/00	15.11	6.76	0.00	8.35	-0.70	ND	--	ND	ND	ND	ND	ND	--	
03/17/01	15.11	5.09	0.00	10.02	1.67	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	15.11	5.72	0.00	9.39	-0.63	ND	--	ND	ND	ND	ND	ND	--	
09/24/01	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	--	
12/10/01	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	--	
03/11/02	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	--	
06/07/02	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	--	
12/12/02	15.11	7.15	0.00	7.96	-1.70	--	--	--	--	--	--	--	--	No longer sampled
03/13/03	15.11	5.37	0.00	9.74	1.78	--	--	--	--	--	--	--	--	
06/12/03	15.11	5.51	0.00	9.60	-0.14	--	--	--	--	--	--	--	--	
09/12/03	15.11	6.03	0.00	9.08	-0.52	--	--	--	--	--	--	--	--	
12/31/03	15.11	5.62	0.00	9.49	0.41	--	--	--	--	--	--	--	--	Monitored Only
02/12/04	15.11	5.51	0.00	9.60	0.11	--	--	--	--	--	--	--	--	Monitored Only
06/07/04	15.11	5.92	0.00	9.19	-0.41	--	--	--	--	--	--	--	--	Monitored Only
09/17/04	15.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/11/04	15.11	5.94	0.00	9.17	--	--	--	--	--	--	--	--	--	Sampled annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
03/11/05	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	
05/17/05	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	
07/27/05	15.11	5.81	0.00	9.30	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/23/05	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	
02/24/06	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	
05/30/06	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	
08/30/06	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	
11/22/06	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	
02/23/07	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	
05/18/07	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	
08/10/07	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	
11/09/07	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	
02/08/08	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	
05/16/08	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	
08/15/08	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	
11/26/08	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	
02/24/09	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	
05/28/09	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	
MW-4			**(Screen Interval in feet: 5.0-20.5)**											
03/05/99	15.17	--	0.00	--	--	ND	--	ND	ND	ND	2.44	--	25.2	
06/03/99	15.17	5.45	0.00	9.72	--	ND	--	ND	ND	ND	ND	ND	3.96	
09/02/99	15.17	6.48	0.00	8.69	-1.03	ND	--	ND	ND	ND	ND	23	27	
12/14/99	15.17	7.27	0.00	7.90	-0.79	ND	--	ND	ND	ND	ND	200	270	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
03/14/00	15.17	4.67	0.00	10.50	2.60	ND	--	ND	ND	ND	ND	46	49	
05/31/00	15.17	5.48	0.00	9.69	-0.81	ND	--	ND	ND	ND	ND	ND	--	
08/29/00	15.17	6.10	0.00	9.07	-0.62	ND	--	ND	ND	ND	ND	6.1	3.2	
12/01/00	15.17	6.79	0.00	8.38	-0.69	ND	--	ND	ND	ND	ND	152	101	
03/17/01	15.17	5.01	0.00	10.16	1.78	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	15.17	5.78	0.00	9.39	-0.77	ND	--	ND	ND	ND	ND	ND	--	
09/24/01	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	--	
12/10/01	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	
03/11/02	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	--	
06/07/02	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	--	
09/03/02	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	--	
12/12/02	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	
03/13/03	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	--	
06/12/03	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	--	
09/12/03	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	
12/31/03	15.17	5.63	0.00	9.54	0.44	750	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	790	--	
02/12/04	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	--	
06/07/04	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	--	
09/17/04	15.17	6.86	0.00	8.31	-1.04	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
12/11/04	15.17	6.01	0.00	9.16	0.85	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	380	
03/11/05	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	
05/17/05	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	
07/27/05	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

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														
11/23/05	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	
02/24/06	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	
05/30/06	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	
08/30/06	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	
11/22/06	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	
02/23/07	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	
05/18/07	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	
08/10/07	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	
11/09/07	15.17	6.77	0.00	8.40	0.72	--	50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	39	
02/08/08	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	
05/16/08	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	
08/15/08	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	
11/26/08	15.17	7.71	0.00	7.46	-0.80	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
02/24/09	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	
05/28/09	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	
MW-5			**(Screen Interval in feet: 5-20)**											
12/14/99	13.34	6.45	0.00	6.89	--	ND	--	ND	ND	ND	ND	3.5	3.8	
03/14/00	13.34	4.46	0.00	8.88	1.99	ND	--	ND	ND	ND	ND	ND	--	
05/31/00	13.34	5.18	0.00	8.16	-0.72	ND	--	ND	ND	ND	ND	ND	--	
08/29/00	13.34	5.46	0.00	7.88	-0.28	ND	--	ND	ND	ND	ND	ND	--	
12/01/00	13.34	5.95	0.00	7.39	-0.49	ND	--	ND	ND	ND	ND	ND	--	
03/17/01	13.34	5.36	0.00	7.98	0.59	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	13.34	5.09	0.00	8.25	0.27	ND	--	ND	ND	ND	ND	ND	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1999 Through May 2009

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														
09/24/01	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	--	
12/10/01	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	--	
03/11/02	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	--	
06/07/02	13.34	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/03/02	13.34	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
12/12/02	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	--	
03/13/03	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	--	
06/12/03	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	--	
09/12/03	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	
12/31/03	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	--	
02/12/04	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	--	
06/07/04	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	--	
09/17/04	13.34	6.10	0.00	7.24	-0.75	--	--	--	--	--	--	--	--	Sampled annually
12/11/04	13.34	5.53	0.00	7.81	0.57	--	--	--	--	--	--	--	--	Sampled annually
03/11/05	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	
05/17/05	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	
07/27/05	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	
11/23/05	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	
02/24/06	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	
05/30/06	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	
08/30/06	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	
11/22/06	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	
02/23/07	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
05/18/07	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	
08/10/07	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	
11/09/07	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	
02/08/08	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	
05/16/08	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	
08/15/08	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	
11/26/08	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	
02/24/09	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	
05/28/09	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	
MW-6			**(Screen Interval in feet: 5-20)**											
12/14/99	14.08	6.64	0.00	7.44	--	ND	--	ND	ND	ND	ND	11000	18000	
03/14/00	14.08	4.72	0.00	9.36	1.92	ND	--	ND	ND	ND	ND	19000	21000	
05/31/00	14.08	5.28	0.00	8.80	-0.56	ND	--	ND	ND	ND	ND	13200	--	
08/29/00	14.08	5.39	0.00	8.69	-0.11	ND	--	ND	ND	ND	ND	270	400	
12/01/00	14.08	6.11	0.00	7.97	-0.72	ND	--	ND	ND	ND	ND	6330	3640	
03/17/01	14.08	6.02	0.00	8.06	0.09	18700	--	2950	989	1040	3000	10200	11500	
05/23/01	14.08	5.82	0.00	8.26	0.20	ND	--	ND	ND	ND	ND	4660	--	
09/24/01	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	
12/10/01	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	
03/11/02	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	
06/07/02	14.08	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/03/02	14.08	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
12/12/02	14.08	6.51	0.00	7.57	--	590	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1500	6200	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
	03/13/03	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	03/13/03	14.08	5.20	0.00	8.88	1.31	--	--	--	--	--	--	--	5100	
	06/12/03	14.08	5.38	0.00	8.70	-0.18	1600	--	ND<10	ND<10	ND<10	ND<10	5200	3700	
	09/12/03	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	
	12/31/03	14.08	5.38	0.00	8.70	0.91	3300	--	ND<25	ND<25	ND<25	ND<25	3800	--	
	02/12/04	14.08	5.06	0.00	9.02	0.32	1100	--	ND<10	ND<10	ND<10	ND<10	1900	2800	
	06/07/04	14.08	5.45	0.00	8.63	-0.39	2500	--	ND<3	ND<3	ND<3	ND<6	3200	2900	
	09/17/04	14.08	6.20	0.00	7.88	-0.75	--	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
	12/11/04	14.08	5.60	0.00	8.48	0.60	--	1800	ND<10	ND<10	ND<10	ND<20	--	2700	
	03/11/05	14.08	4.71	0.00	9.37	0.89	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2500	
	05/17/05	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	
	07/27/05	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	
	11/23/05	14.08	6.01	0.00	8.07	-0.53	--	590	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1700	
	02/24/06	14.08	5.12	0.00	8.96	0.89	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	990	
	05/30/06	14.08	5.04	0.00	9.04	0.08	--	ND<1200	ND<12	ND<12	ND<12	ND<25	--	560	
	08/30/06	14.08	7.01	0.00	7.07	-1.97	--	930	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	820	
	11/22/06	14.08	6.16	0.00	7.92	0.85	--	690	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	620	
	02/23/07	14.08	5.44	0.00	8.64	0.72	--	190	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	410	
	05/18/07	14.08	5.63	0.00	8.45	-0.19	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	620	
	08/10/07	14.08	6.71	0.00	7.37	-1.08	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	660	
	11/09/07	14.08	6.17	0.00	7.91	0.54	--	580	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	820	
	02/08/08	14.08	5.20	0.00	8.88	0.97	--	360	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	570	
	05/16/08	14.08	5.70	0.00	8.38	-0.50	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	480	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1999 Through May 2009
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														
08/15/08	14.08	6.46	0.00	7.62	-0.76	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	450	
11/26/08	14.08	7.01	0.00	7.07	-0.55	--	300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	400	
02/24/09	16.97	5.20	0.00	11.77	4.70	--	250	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	450	
05/28/09	16.97	5.26	0.00	11.71	-0.06	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
MW-7			**(Screen Interval in feet: 25-30)**											
05/28/09	17.81	8.29	0.00	9.52	--	--	1100	ND<0.50	ND<0.50	1.4	7.1	--	15000	
MW-8			**(Screen Interval in feet: 25-30)**											
05/28/09	18.13	7.42	0.00	10.71	--	--	850	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12000	
MW-9			**(Screen Interval in feet: 20-25)**											
05/28/09	18.75	6.24	0.00	12.51	--	--	1200	ND<0.50	ND<0.50	0.75	15	--	13000	
MW-10			**(Screen Interval in feet: 25-30)**											
05/28/09	18.84	6.69	0.00	12.15	--	--	700	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3500	
MW-11			**(Screen Interval in feet: 25-30)**											
05/28/09	18.72	6.18	0.00	12.54	--	--	920	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15000	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-1												
09/02/99	ND	ND	--	--	ND	ND	ND	--	--	--	--	--
03/15/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/06	62	ND<250	--	--	ND<0.50	ND<0.50	5.5	--	--	--	--	--
11/22/06	74	ND<250	--	--	ND<0.50	ND<0.50	0.51	--	--	--	--	--
02/23/07	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
05/18/07	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
08/10/07	ND<500	ND<12000	--	--	ND<25	ND<25	ND<25	--	--	--	--	--
11/09/07	ND<500	ND<12000	--	--	ND<25	ND<25	ND<25	--	--	--	--	--
02/08/08	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
05/16/08	ND<250	ND<6200	--	--	ND<12	ND<12	ND<12	--	--	--	--	--
08/15/08	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	2.5	1.3	--	--	ND<100	ND<1.0
05/28/09	ND<200	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	1.8	2.0	87	ND<500	2.4
MW-1AR												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.6	--	--	--	--	--
MW-1BR												
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.0	--	--	--	--	--
MW-2												
09/02/99	ND	ND	--	--	ND	ND	ND	--	--	--	--	--
12/14/99	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
03/14/00	1300	ND	ND	ND	ND	ND	ND	--	--	--	--	--
05/31/00	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
08/29/00	250	ND	ND	ND	ND	ND	ND	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-2 continued												
12/01/00	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
03/17/01	ND	ND	ND	ND	14.8	ND	ND	--	--	--	--	--
05/23/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
09/24/01	ND<5000	ND<50000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--
12/10/01	ND<500	ND<12000000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--
03/11/02	ND<1000	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--
06/07/02	ND<1000	ND<2000000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--
09/03/02	ND<1000	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--
MW-2a												
12/12/02	ND<100	ND<500000	ND<2.0	2.3	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
03/13/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
06/12/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
09/12/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
12/31/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
02/12/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
06/07/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	--
09/17/04	6.7	ND<50	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--
12/11/04	ND<5.0	ND<50	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--
03/15/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/17/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
07/27/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/23/05	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-2A continued												
11/22/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/23/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/18/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/10/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/09/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/08/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/16/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/15/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	17	--	--	110	ND<1.0
MW-3												
09/02/99	ND	ND	--	--	ND	ND	ND	--	--	--	--	--
03/11/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/17/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
07/27/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/23/05	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/22/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/23/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/18/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/10/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/09/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/08/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-3 continued												
05/16/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/15/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	3.2	--	--	ND<100	ND<1.0
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-4												
09/02/99	ND	ND	--	--	ND	ND	ND	--	--	--	--	--
12/10/01	ND<290	ND<7100000	ND<14	ND<14	ND<14	ND<14	ND<14	--	--	--	--	--
12/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
09/12/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
09/17/04	ND<5.0	ND<50	--	--	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--
12/11/04	ND<25	ND<250	--	--	ND<5.0	ND<2.5	ND<2.5	--	--	--	--	--
03/11/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/17/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
07/27/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/23/05	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/22/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/23/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/18/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/10/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/09/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/08/08	ND<10	290	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	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)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-4 continued												
05/16/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/15/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	1.7	--	--	ND<100	3.1
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-5												
09/12/03	--	ND<500	--	--	--	--	--	--	--	--	--	--
03/11/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/17/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
07/27/05	ND<5.0	ND<50	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/23/05	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/06	59	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/30/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/22/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/23/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/18/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/10/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/09/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/08/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/16/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/15/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	4.5	--	--	ND<100	ND<1.0
05/28/09	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)	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)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-6												
03/17/01	ND	ND	ND	219	ND	ND	ND	--	--	--	--	--
09/24/01	ND<100	ND<1000000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
12/10/01	ND<500	ND<12000000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--
03/11/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
12/12/02	ND<10000	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--	--	--
03/13/03	ND<5000	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--
06/12/03	ND<2000	ND<10000000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--
09/12/03	--	ND<2500	--	--	--	--	--	--	--	--	--	--
02/12/04	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--
06/07/04	ND<200	ND<8000	ND<5	ND<5	ND<10	ND<10	ND<10	--	--	--	--	--
09/17/04	ND<100	ND<1000	--	--	ND<20	ND<10	ND<10	--	--	--	--	--
12/11/04	ND<100	ND<1000	--	--	ND<20	ND<10	ND<10	--	--	--	--	--
03/11/05	ND<100	ND<1000	--	--	ND<10	ND<10	ND<10	--	--	--	--	--
05/17/05	ND<100	ND<1000	--	--	ND<10	ND<10	ND<10	--	--	--	--	--
07/27/05	ND<100	ND<1000	--	--	ND<10	ND<10	ND<10	--	--	--	--	--
11/23/05	ND<10	ND<250	--	--	ND<0.50	ND<0.50	1.0	--	--	--	--	--
02/24/06	ND<10	ND<250	--	--	ND<0.50	ND<0.50	0.68	--	--	--	--	--
05/30/06	ND<250	ND<6200	--	--	ND<12	ND<12	ND<12	--	--	--	--	--
08/30/06	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
11/22/06	ND<100	ND<2500	--	--	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--
02/23/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
05/18/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/10/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/09/07	ND<10	ND<250	--	--	ND<0.50	ND<0.50	0.52	--	--	--	--	--
02/08/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)
MW-6 continued												
05/16/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
08/15/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
11/26/08	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
02/24/09	ND<10	ND<250	--	--	ND<0.50	ND<0.50	ND<0.50	2.7	--	--	ND<100	1.2
05/28/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--
MW-7												
05/28/09	150	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--	--
MW-8												
05/28/09	36	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.7	9.9	ND<2.0	140	ND<1000	280
MW-9												
05/28/09	40	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	--	--	--	--
MW-10												
05/28/09	39	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.6	2.4	2.0	ND<10	150	280
MW-11												
05/28/09	140	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.4	--	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	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										
02/24/09	500	--	18	--	--	--	4.63	3.22	57	59
05/28/09	550	9.9	25	8.6	130	463	0.80	2.95	119	171
MW-1AR										
05/28/09	--	--	--	--	--	--	1.72	0.95	144	177
MW-1BR										
05/28/09	--	--	--	--	--	--	0.61	1.37	145	165
MW-2A										
02/24/09	130	--	87	--	--	--	3.38	4.44	50	34
MW-3										
02/24/09	1100	--	130	--	--	--	5.01	2.30	46	49
05/28/09	--	--	--	--	--	--	0.61	4.03	141	85
MW-4										
02/24/09	250	--	130	--	--	--	6.15	4.27	61	64
05/28/09	--	--	--	--	--	--	3.68	3.76	141	55
MW-5										
02/24/09	720	--	64	--	--	--	5.65	2.58	27	34
05/28/09	--	--	--	--	--	--	1.71	4.32	138	94
MW-6										
02/24/09	2300	--	85	--	--	--	3.40	1.29	68	67
05/28/09	--	--	--	--	--	--	1.06	1.85	142	56
MW-7										
05/28/09	--	--	--	--	--	--	1.24	0.63	160	124
MW-8										

TRC

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 0843

Date Sampled	Manganese (total) (µg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Oxygen (Lab) (mg O/)	Redox Potential (ORP-Lab) (mV)	Specific Con-ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-8 continued										
05/28/09	830	12	130	9.0	124	923	2.22	1.38	146	68
MW-10										
05/28/09	350	9.1	30	7.1	139	661	0.30	1.76	151	156
MW-11										
05/28/09	--	--	--	--	--	--	0.22	0.80	1.56	147

COORDINATED EVENT DATA

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-2	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.73	7.60	NA	12.13	NA
S-2	11/22/2005	996	0.630	0.500	0.500	3.10	406	<0.500	<0.500	0.570	18.0	NA	NA	NA	19.73	7.70	NA	12.03	NA
S-2	2/24/2006	<50 b	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	19.73	6.29	NA	13.44	NA
S-2	5/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.73	6.14	NA	13.59	NA
S-2	8/30/2006	420	<0.500	<0.500	<0.500	<0.500	4.42	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.73	7.18	NA	12.55	NA
S-2	11/22/2006	110	<0.50	<0.50	<0.50	<1.0	62	<2.0	<2.0	<2.0	<5.0	NA	NA	NA	19.73	7.55	NA	12.18	NA
S-2	2/23/2007	140	<0.50	<0.50	<0.50	<1.0	110	<2.0	<2.0	<2.0	<5.0	NA	NA	NA	19.73	6.77	NA	12.96	NA
S-2	5/18/2007	<50 h	<0.50	<1.0	<1.0	<1.0	18	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	7.02	NA	12.71	NA
S-2	8/10/2007	<50 h	<0.50	<1.0	<1.0	<1.0	40	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	7.65	NA	12.08	NA
S-2	11/9/2007	130 h,i	<0.50	<1.0	<1.0	<1.0	190	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	7.87	NA	11.86	NA
S-2	2/8/2008	83 h,i	<1.0	<2.0	<2.0	<2.0	180	<4.0	<4.0	<4.0	<20	NA	NA	NA	19.73	6.52	NA	13.21	NA
S-2	5/16/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	7.30	NA	12.43	NA
S-2	8/15/2008	<50	<0.50	<1.0	<1.0	<1.0	7.1	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	8.38	NA	11.35	NA
S-2	11/26/2008	<50	<0.50	<1.0	<1.0	<1.0	32	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	9.13	NA	10.60	NA
S-2	2/27/2009	90	<0.50	<1.0	<1.0	<1.0	85	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.73	7.05	NA	12.68	NA
S-2	**5/28/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**8.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**19.73**	**6.93**	**NA**	**12.80**	**NA**
S-3	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.14	7.01	NA	12.13	NA
S-3	11/22/2005	3,900	<0.500	<0.500	<0.500	0.900	3,730	<0.500	<0.500	3.44	26.0	NA	NA	NA	19.14	7.15	NA	11.99	NA
S-3	2/24/2006	580 b	<0.50	<0.50	<0.50	<0.50	360	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	19.14	5.95	NA	13.19	NA
S-3	5/30/2006	<50.0	<0.500	<0.500	<0.500	0.510	52.2	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.14	5.85	NA	13.29	NA
S-3	8/30/2006	2,910	<0.500	<0.500	<0.500	<0.500	882	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.14	6.71	NA	12.43	NA
S-3	11/22/2006	240	<0.50	<0.50	<0.50	<1.0	150	<2.0	<2.0	<2.0	30	NA	NA	NA	19.14	7.05	NA	12.09	NA
S-3	2/23/2007	78	<0.50	<0.50	<0.50	<1.0	78	<2.0	<2.0	<2.0	5.4	NA	NA	NA	19.14	6.30	NA	12.84	NA
S-3	5/18/2007	120 h,i	<0.50	<1.0	<1.0	<1.0	150	<2.0	<2.0	<2.0	73	NA	NA	NA	19.14	6.58	NA	12.56	NA
S-3	8/10/2007	<50 h	<1.0	<2.0	<2.0	<2.0	200	<4.0	<4.0	<4.0	21	NA	NA	NA	19.14	7.09	NA	12.05	NA
S-3	11/9/2007	69 h,i	<0.50	<1.0	<1.0	<1.0	100	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	7.28	NA	11.86	NA
S-3	2/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	8.5	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	6.06	NA	13.08	NA
S-3	5/16/2008	71	<0.50	<1.0	<1.0	<1.0	100	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	6.84	NA	12.30	NA
S-3	8/15/2008	<50	<0.50	<1.0	<1.0	<1.0	9.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	7.83	NA	11.31	NA
S-3	11/26/2008	<50	0.53	<1.0	<1.0	1.5	12	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	8.70	NA	10.44	NA
S-3	2/27/2009	<50	<0.50	<1.0	<1.0	<1.0	3.2	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.14	6.97	NA	12.17	NA
S-3	**5/28/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**19.14**	**6.41**	**NA**	**12.73**	**NA**

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.16	6.00	NA	12.16	NA
S-4	11/22/2005	4,570	<0.500	<0.500	<0.500	0.660	3,450	<0.500	<0.500	3.57	26.0	NA	NA	NA	18.16	6.10	NA	12.06	NA
S-4	2/24/2006	2,200 b	<0.50	<0.50	<0.50	<0.50	1,400	<0.50	<0.50	1.4	13 c	NA	NA	NA	18.16	5.09	NA	13.07	NA
S-4	5/30/2006	1,100	<0.500	<0.500	<0.500	<0.500	1,060	<0.500	<0.500	1.04	87.5	NA	NA	NA	18.16	5.00	NA	13.16	NA
S-4	8/30/2006	3,170	<0.500	<0.500	<0.500	<0.500	1,000	<0.500	<0.500	0.850	120	NA	NA	NA	18.16	5.81	NA	12.35	NA
S-4	11/22/2006	520	<0.50	<0.50	<0.50	<1.0	480	<2.0	<2.0	<2.0	5.2	NA	NA	NA	18.16	5.93	NA	12.23	NA
S-4	2/23/2007	180	<0.50	<0.50	<0.50	<1.0	130	<2.0	<2.0	<2.0	9.6	NA	NA	NA	18.16	5.40	NA	12.76	NA
S-4	5/18/2007	220 h,i	<2.5	<5.0	<5.0	2.5 j	420	<10	<10	<10	<50	NA	NA	NA	18.16	5.62	NA	12.54	NA
S-4	8/10/2007	98 h,i	<2.5	<5.0	<5.0	<5.0	540	<10	<10	<10	29 j	NA	NA	NA	18.16	6.00	NA	12.16	NA
S-4	11/9/2007	190 h,i	<2.5	<5.0	<5.0	<5.0	350	<10	<10	<10	<50	NA	NA	NA	18.16	6.20	NA	11.96	NA
S-4	2/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	13	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.16	5.47	NA	12.69	NA
S-4	5/16/2008	87	<0.50	<1.0	<1.0	<1.0	120	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.16	6.00	NA	12.16	NA
S-4	8/15/2008	<50	<0.50	<1.0	<1.0	<1.0	42	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.16	6.85	NA	11.31	NA
S-4	11/26/2008	140	<0.50	<1.0	<1.0	<1.0	140	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.16	7.62	NA	10.54	NA
S-4	2/27/2009	56	<0.50	<1.0	<1.0	<1.0	43	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.16	5.35	NA	12.81	NA
S-4	**5/28/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**12**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**18.16**	**5.40**	**NA**	**12.76**	**NA**
S-4B	8/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	6.14	NA	12.64	NA
S-4B	8/30/2006	3,630	<0.500	<0.500	5.32	<0.500	1,130	<0.500	<0.500	1.47	643	NA	NA	NA	18.78	6.32	NA	12.46	NA
S-4B	11/22/2006	620	<0.50	<0.50	0.66	<1.0	580	<2.0	<2.0	<2.0	680	NA	NA	NA	18.78	6.46	NA	12.32	NA
S-4B	2/23/2007	230	<1.0	<1.0	<1.0	<2.0	190	<4.0	<4.0	<4.0	450	NA	NA	NA	18.78	6.64	NA	12.14	NA
S-4B	5/18/2007	200 h	<0.50	<1.0	<1.0	<1.0	130	<2.0	<2.0	<2.0	360	NA	NA	NA	18.78	6.19	NA	12.59	NA
S-4B	8/10/2007	150 h	0.47 j	<1.0	<1.0	<1.0	67	<2.0	<2.0	<2.0	230	NA	NA	NA	18.78	6.48	NA	12.30	NA
S-4B	11/9/2007	<50 h	<0.50	<1.0	<1.0	<1.0	32	<2.0	<2.0	<2.0	67	NA	NA	NA	18.78	6.59	NA	12.19	NA
S-4B	2/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	5.3	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.78	6.12	NA	12.66	NA
S-4B	5/16/2008	<50	<0.50	<1.0	<1.0	<1.0	2.2	<2.0	<2.0	<2.0	15	NA	NA	NA	18.78	6.45	NA	12.33	NA
S-4B	8/15/2008	<50	<0.50	<1.0	<1.0	<1.0	1.4	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.78	6.90	NA	11.88	NA
S-4B	11/26/2008	<50	<0.50	<1.0	<1.0	<1.0	2.5	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.78	8.19	NA	10.59	NA
S-4B	2/27/2009	<50	<0.50	<1.0	<1.0	<1.0	1.4	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.78	6.03	NA	12.75	NA
S-4B	**5/28/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**2.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**18.78**	**6.01**	**NA**	**12.77**	**NA**
S-5	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.68	6.33	NA	12.35	NA

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	11/22/2005	1,010	0.900	<0.500	1.79	4.91	302	<0.500	<0.500	<0.500	397	NA	NA	NA	18.68	6.44	NA	12.24	NA
S-5	2/24/2006	<50 b	<0.50	<0.50	<0.50	<0.50	19	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	18.68	5.44	NA	13.24	NA
S-5	5/30/2006	2,000	4.13	0.670	<0.500	3.28	143	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	18.68	5.33	NA	13.35	NA
S-5	8/30/2006	1,380	<0.500	<0.500	1.43	<0.500	211	<0.500	<0.500	<0.500	106	NA	NA	NA	18.68	6.16	NA	12.52	NA
S-5	11/22/2006	82	<0.50	<0.50	<0.50	<1.0	28	<2.0	<2.0	<2.0	13	NA	NA	NA	18.68	6.28	NA	12.40	NA
S-5	2/23/2007	<50	<0.50	<0.50	<0.50	<1.0	1.2	<2.0	<2.0	<2.0	<5.0	NA	NA	NA	18.68	5.68	NA	13.00	NA
S-5	5/18/2007	<50 h,i	<0.50	<1.0	<1.0	<1.0	2.6	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	5.91	NA	12.77	NA
S-5	8/10/2007	<50 h	<0.50	<1.0	<1.0	<1.0	1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	6.36	NA	12.32	NA
S-5	11/9/2007	<50 h	<0.50	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	6.47	NA	12.21	NA
S-5	2/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	5.52	NA	13.16	NA
S-5	5/16/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	6.22	NA	12.46	NA
S-5	8/15/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	7.26	NA	11.42	NA
S-5	11/26/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	8.03	NA	10.65	NA
S-5	2/27/2009	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	18.68	5.83	NA	12.85	NA
S-5	**5/28/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**18.68**	**5.73**	**NA**	**12.95**	**NA**
S-6	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.32	6.36	NA	12.96	NA
S-6	11/22/2005	15,800	5.14	0.690	32.1	934	<0.500	<0.500	<0.500	<0.500	14.2	NA	NA	NA	19.32	6.53	NA	12.79	NA
S-6	1/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.32	5.50	NA	13.82	NA
S-6	2/24/2006	7,900 b	4.4	<1.5	260	380	<1.5	<1.5	<1.5	<1.5	<7.0	NA	NA	NA	19.32	5.76	NA	13.56	NA
S-6	5/30/2006	4,170	4.98	<0.500	76.6	44.2	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.32	5.68	NA	13.64	NA
S-6	8/30/2006	16,400	10.7	<0.500	353	292	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.32	6.38	NA	12.94	NA
S-6	11/22/2006	6,900	7.7	<2.5	250	450	<2.5	<10	<10	<10	<25	NA	NA	NA	19.32	6.62	NA	12.70	NA
S-6	2/23/2007	7,900	4.4	<2.5	400	940	<2.5	<10	<10	<10	<25	NA	NA	NA	19.32	6.06	NA	13.26	NA
S-6	5/18/2007	2,600 h	3.1	<1.0	85	147.3	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.12	NA	13.20	NA
S-6	8/10/2007	3,100 h	3.5	0.28 j	110	202	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.60	NA	12.72	NA
S-6	11/9/2007	3,700 h	2.1	0.34 j	160	335	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.80	NA	12.52	NA
S-6	2/8/2008	2,600 h	2.7	<1.0	72	156.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.11	NA	13.21	NA
S-6	5/16/2008	350	<0.50	<1.0	8.4	5.3	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.60	NA	12.72	NA
S-6	8/15/2008	3,600	0.99	<1.0	100	164.9	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	7.70	NA	11.62	NA
S-6	11/26/2008	1,500	2.9	<1.0	13	3.1	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	8.41	NA	10.91	NA
S-6	2/27/2009	2,800	4.3	<1.0	17	23	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.32	6.22	NA	13.10	NA
S-6	**5/28/2009**	**570**	**0.74**	**<1.0**	**3.1**	**1.3**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**19.32**	**6.10**	**NA**	**13.22**	**NA**

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-7	11/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.44	6.76	NA	12.68	NA
S-7	11/22/2005	51,100	2,680	2,980	969	6,360	1.49	<0.500	<0.500	<0.500	53.3	NA	NA	NA	19.44	6.88	NA	12.56	NA
S-7	2/24/2006	22,000 b/25,000 d	1,700	1,200	1,200	2,800	<2.5	<2.5	<2.5	<2.5	58	NA	NA	NA	19.44	5.73	NA	13.71	NA
S-7	5/30/2006	35,600	1,720	641	1,600	3,630	2.83	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.44	5.61	NA	13.83	NA
S-7	8/30/2006	83,900	5,060	62.5	1,640	4,010	2.38	<0.500	<0.500	<0.500	43.4	NA	NA	NA	19.44	6.43	NA	13.01	NA
S-7	11/22/2006	13,000	4,300	27	710	1,900	<2.5	<10	<10	<10	54	NA	NA	NA	19.44	6.68	NA	12.76	NA
S-7	2/23/2007	15,000	2,000	43	1,100	3,300	<12	<50	<50	<50	<120	NA	NA	NA	19.44	5.82	NA	13.62	NA
S-7	5/18/2007	6,100 h	3,900	22 j	520	2,010	<50	<100	<100	<100	<500	NA	NA	NA	19.44	6.20	NA	13.24	NA
S-7	8/10/2007	14,000 h	4,900	19 j	670	2,046 j	<50	<100	<100	<100	<500	NA	NA	NA	19.44	6.74	NA	12.70	NA
S-7	11/9/2007	16,000 h	4,400	21 j	550	2,052	<50	<100	<100	<100	<500	NA	NA	NA	19.44	6.93	NA	12.51	NA
S-7	2/8/2008	2,400 h	160	<2.0	70	160	<2.0	<4.0	<4.0	<4.0	<20	NA	NA	NA	19.44	6.23	NA	13.21	NA
S-7	5/16/2008	6,200	1,200	21	320	736.9	<2.0	<4.0	<4.0	<4.0	<20	NA	NA	NA	19.44	6.62	NA	12.82	NA
S-7	8/15/2008	15,000	4,500	19	450	1,300	<10	<20	<20	<20	<100	NA	NA	NA	19.44	7.81	NA	11.63	NA
S-7	11/26/2008	9,300	3,200	<25	77	250	<25	<50	<50	<50	<250	NA	NA	NA	19.44	8.53	NA	10.91	NA
S-7	2/27/2009	3,900	900	<25	49	160	<25	<50	<50	<50	<250	NA	NA	NA	19.44	6.27	NA	13.17	NA
S-7	**5/28/2009**	**7,100**	**1,200**	**<10**	**81**	**600**	**<10**	**<20**	**<20**	**<20**	**<100**	**NA**	**NA**	**NA**	**19.44**	**6.18**	**NA**	**13.26**	**NA**
S-8	8/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.11	7.02	NA	13.09	NA
S-8	8/30/2006	90,600	5,150	28.2	3,230	4,450	4.30	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	20.11	7.19	NA	12.92	NA
S-8	11/22/2006	41,000	4,900	58	3,300	7,200	2.6	<10	<10	<10	<25	NA	NA	NA	20.11	7.48	NA	12.63	NA
S-8	2/23/2007	28,000	2,900	28	2,900	4,900	<25	<100	<100	<100	<250	NA	NA	NA	20.11	6.73	NA	13.38	NA
S-8	5/18/2007	24,000 h	4,400	33 j	3,800	4,470	<50	<100	<100	<100	<500	NA	NA	NA	20.11	6.98	NA	13.13	NA
S-8	8/10/2007	22,000 h	5,000	30 j	3,100	3,660	<50	<100	<100	<100	<500	NA	NA	NA	20.11	7.57	NA	12.54	NA
S-8	11/9/2007	22,000 h	4,600	24 j	3,000	2,770	<50	<100	<100	<100	<500	NA	NA	NA	20.11	7.80	NA	12.31	NA
S-8	2/8/2008	11,000 h	5,900	<50	410	310	<50	<100	<100	<100	<500	NA	NA	NA	20.11	6.55	NA	13.56	NA
S-8	5/16/2008	20,000	1,600	32	2,300	2,136	<20	<40	<40	<40	<200	NA	NA	NA	20.11	7.30	NA	12.81	NA
S-8	8/15/2008	26,000	2,400	20	4,900	2,432	<20	<40	<40	<40	<200	NA	NA	NA	20.11	8.60	NA	11.51	NA
S-8	11/26/2008	10,000	890	6.6	790	302	<5.0	<10	<10	<10	<50	NA	NA	NA	20.11	9.20	NA	10.91	NA
S-8	2/27/2009	770	30	<1.0	9.9	6.0	<1.0	<2.0	<2.0	<2.0	12	NA	NA	NA	20.11	7.04	NA	13.07	NA
S-8	**5/28/2009**	**5,800**	**620**	**3.1**	**390**	**380**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**40**	**NA**	**NA**	**NA**	**20.11**	**6.91**	**NA**	**13.20**	**NA**
S-9	8/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.60	6.93	NA	12.67	NA

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-9	8/30/2006	162,000	3,620	5,040	3,810	22,500	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	NA	19.60	6.52	NA	13.08	NA
S-9	11/22/2006	47,000	2,100	840	3,000	12,000	<2.5	<10	<10	<10	<25	NA	NA	NA	19.60	6.78	NA	12.82	NA
S-9	2/23/2007	18,000	890	120	1,800	3,600	<12	<50	<50	<50	<120	NA	NA	NA	19.60	6.13	NA	13.47	NA
S-9	5/18/2007	22,000 h	1,300	630	2,400	7,300	<50	<100	<100	<100	<500	NA	NA	NA	19.60	6.35	NA	13.25	NA
S-9	8/10/2007	36,000 h	2,600	920	4,200	14,900	<50	<100	<100	<100	<500	NA	NA	NA	19.60	6.86	NA	12.74	NA
S-9	11/9/2007	34,000 h	2,100	320	3,700	12,000	<50	<100	<100	<100	<500	NA	NA	NA	19.60	7.09	NA	12.51	NA
S-9	2/8/2008	7,400 h	410	51	1,100	1,620	<10	<20	<20	<20	<100	NA	NA	NA	19.60	6.00	NA	13.60	NA
S-9	5/16/2008	19,000	910	230	1,600	4,200	<10	<20	<20	<20	<100	NA	NA	NA	19.60	6.67	NA	12.93	NA
S-9	8/15/2008	65,000	2,600	540	5,200	19,000	<10	<20	<20	<20	<100	NA	NA	NA	19.60	7.93	NA	11.67	NA
S-9	11/26/2008	18,000	910	<100	2,000	3,340	<100	<200	<200	<200	<1,000	NA	NA	NA	19.60	8.60	NA	11.00	NA
S-9	2/27/2009	1,000	55	2.3	100	61	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	19.60	6.35	NA	13.25	NA
S-9	**5/28/2009**	**9,700**	**410**	**120**	**810**	**1,400**	**<10**	**<20**	**<20**	**<20**	**<100**	**NA**	**NA**	**NA**	**19.60**	**6.22**	**NA**	**13.38**	**NA**
TBW-E	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.31	NA	NA	NA
TBW-E	12/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.01	NA	NA	NA
TBW-E	12/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.32	NA	NA	NA
TBW-E	12/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.55	NA	NA	NA
TBW-E	12/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.95	NA	NA	NA
TBW-E	12/27/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.47	NA	NA	NA
TBW-N	11/23/2004	83,000	640	27,000	1,700	20,000	2,300	<400	<400	<400	1,300	<100	<100	<10,000	NA	5.64	NA	NA	NA
TBW-N	12/1/2004	160,000	700	31,000	2,300	24,000	2,900	<400	<400	<400	1,200	<100	<100	<10,000	NA	6.35	NA	NA	NA
TBW-N	12/7/2004	130,000	590	29,000	2,300	24,000	2,700	<400	<400	<400	1,300	<100	<100	<10,000	NA	5.65	NA	NA	NA
TBW-N	12/15/2004	120,000	420	26,000	2,000	22,000	3,300	<400	<400	<400	<1,000	<100	<100	<10,000	NA	5.85	NA	NA	NA
TBW-N	12/23/2004	100,000	220	23,000	1,900	20,000	1,900	<400	<400	<400	<1,000	<100	<100	<10,000	NA	5.30	NA	NA	NA
TBW-N	12/27/2004	110,000	470	26,000	2,300	22,000	1,800	<400	<400	<400	<1,000	<100	<100	<10,000	NA	7.80	NA	NA	NA
TBW-N	1/17/2005	86,000	330	22,000	2,200	21,000	1,600	<400	<400	<400	1,600	<100	<100	<10,000	NA	6.59	NA	NA	NA
TBW-N	2/4/2005	97,000	290	23,000	1,800	20,000	1,900	<400	<400	<400	<1,000	<100	<100	<10,000	NA	4.50	NA	NA	NA
TBW-N	3/2/2005	94,000	360	24,000	2,000	19,000	1,200	<400	<400	<400	<1,000	<100	<100	<10,000	NA	4.11	NA	NA	NA
TBW-N	4/12/2005	27,000	130	9,300	1,100	8,700	1,400	<100	<100	<20	390	<25	<25	<2,500	NA	4.08	NA	NA	NA
TBW-N	5/13/2005	42,000	130	8,700	1,500	12,000	1,400	<100	<100	<100	440	<25	<25	<2,500	NA	4.45	NA	NA	NA
TBW-N	6/10/2005	46,000	63	5,500	1,300	11,000	500	<100	<100	<100	<250	<25	<25	<2,500	NA	4.97	NA	NA	NA
TBW-N	7/15/2005	48,000	88	8,400	1,300	9,500	660	<100	<100	<100	310	<25	<25	<2,500	NA	5.18	NA	NA	NA

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
TBW-N	08/17/2005 a	36,000	85	8,500	1,200	11,000	510	<200	<200	<200	<500	<50	<50	<5,000	18.08	5.28	NA	12.80	NA
TBW-N	9/15/2005	20,000	59	2,400	730	9,300	600	<40	<40	<40	500	NA	NA	<1,000	18.08	5.92	NA	12.16	NA
TBW-N	10/17/2005	59,000	58	4,900	1,200	16,000	490	<100	<100	<100	<250	<25	<25	<2,500	18.08	5.96	NA	12.12	NA
TBW-N	11/22/2005	105,000	41.3	8,750	1,550	18,300	443	<0.500	<0.500	<0.500	248	<0.500	<0.500	<50.0	18.08	5.82	NA	12.26	NA
TBW-N	12/9/2005	65,900	43.4	5,110	1,110	13,500	493	<0.500	<0.500	<0.500	259	<0.500	<0.500	<50.0	18.08	5.60	NA	12.48	NA
TBW-N	1/5/2006	80,100	33.8	4,910	1,620	19,400	410	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	18.08	4.44	NA	13.64	NA
TBW-N	2/24/2006	56,000 b/60,000 d	15	2,700	1,000	12,000	270	<15	<15	<15	180	<15	<15	<150	18.08	4.67	NA	13.41	NA
TBW-N	3/8/2006	60,200	23.4	3,820	1,370	16,500	293	<0.500	<0.500	<0.500	93.8	<0.500	<0.500	<50.0	18.08	4.18	NA	13.90	NA
TBW-N	4/13/2006	73,000	21.8	2,900	1,220	14,600	277	<0.500	<0.500	<0.500	68.5	<0.500	<0.500	<500	18.08	3.49	NA	14.59	NA
TBW-N	5/30/2006	59,300	18.7	1,170	1,800	10,200	119 e	<0.500	<0.500	<0.500	<10.0	0.860	<0.500	<50.0	18.08	4.52	NA	13.56	NA
TBW-N	6/5/2006	83,700	16.0	1,510	2,090	11,400	146 e	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	18.08	4.55	NA	13.53	NA
TBW-N	7/19/2006	80,100	16.4	632	1,550	13,900	85.7	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	18.08	4.99	NA	13.09	NA
TBW-N	8/30/2006	52,700	18.2	747	1,900	13,400	82.9	<5.00	<5.00	<5.00	<100	<5.00	<5.00	<500	18.08	5.47	NA	12.61	NA
TBW-N	9/6/2006	77,500	21.3	1,100	1,650	11,800	116	<0.500	<0.500	<0.500	12.4	<0.500	<0.500	<50.0	18.08	5.39	NA	12.69	NA
TBW-N	10/13/2006	33,000	22	1,300	1,700	27,000	160	<20	<20	<20	<50	<5.0	<5.0	<500	18.08	5.57	NA	12.51	NA
TBW-N	11/22/2006	36,000	18	680	1,200	14,000	110	<20	<20	<20	<50	<5.0	<5.0	<500	18.08	5.65	NA	12.43	NA
TBW-N	12/12/2006	34,000	<25	330	1,400	11,000	89	<25	<25	<25	<1,000	<25	<25	<5,000	18.08	5.34	NA	12.74	NA
TBW-N	1/5/2007	26,000 g	16	450	1,400	13,000 f	96	<20	<20	<20	<50	<5.0	<5.0	<500	18.08	5.23	NA	12.85	NA
TBW-N	2/23/2007	41,000	<25	400	1,500	15,000	120	<100	<100	<100	<250	<25	<25	<2,500	18.08	4.96	NA	13.12	NA
TBW-N	3/8/2007	15,000	<25	320	1,300	15,000	110	<100	<100	<100	<250	<25	<25	<2,500	18.08	4.93	NA	13.15	NA
TBW-N	4/6/2007	24,000 h	15	360	1,100	12,300	130	<10	<10	<10	<50	<2.5	NA	<500	18.08	5.07	NA	13.01	NA
TBW-N	5/18/2007	30,000 h	15 j	140	1,100	9,960	100	<100	<100	<100	<50	<25	<50	<5,000	18.08	5.25	NA	12.83	NA
TBW-N	6/11/2007	26,000 h	15 j	160	1,300	9,150	120	<100	<100	<100	<500	<25	<50	<5,000	18.08	5.33	NA	12.75	NA
TBW-N	7/3/2007	36,000 h	9.3 j	150	990	8,400	130	<100	<100	<100	<500	<25	<50	<5,000	18.08	5.46	NA	12.62	NA
TBW-N	8/10/2007	24,000 h	14	200	1,200	5,240	120	<40	<40	<40	<200	<10	<20	<2,000	18.08	5.78	NA	12.30	NA
TBW-N	9/25/2007	28,000 h	15	560	1,400	7,600	<20	<40	<40	<40	160 j	<10	<20	<2,000	18.08	6.02	NA	12.06	NA
TBW-N	11/9/2007	42,000 h	18	610	1,700	14,500	140	<50	<50	<50	<250	<12	<25	<2,500	18.08	5.91	5.90	12.18	0.01
TBW-N	2/8/2008	36,000 h	<25	450	1,400	15,100	97	<100	<100	<100	<500	<25	<50	<5,000	18.08	4.79	NA	13.29	NA
TBW-N	5/16/2008	26,000	80	99	970	5,130	130	<100	<100	<100	<500	NA	NA	NA	18.08	5.50	NA	12.58	NA
TBW-N	8/15/2008	24,000	<25	1,300	1,300	2,400	90	<100	<100	<100	<500	<25	<50	<5,000	18.08	6.59	NA	11.49	NA
TBW-N	11/26/2008	24,000	<25	140	810	5,580	52	<100	<100	<100	<500	<25	<50	<5,000	18.08	7.40	NA	10.68	NA
TBW-N	2/27/2009	22,000	<25	110	520	5,000	<50	<100	<100	<100	<500	<25	<50	<5,000	18.08	5.86	NA	12.22	NA
TBW-N	**5/28/2009**	**32,000**	**8.9**	**160**	**860**	**5,600**	**53**	**<10**	**<10**	**<10**	**160**	**NA**	**NA**	**NA**	**18.08**	**5.50**	**NA**	**12.58**	**NA**

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
TBW-S	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.18	NA	NA	NA
TBW-S	12/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.87	NA	NA	NA
TBW-S	12/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.15	NA	NA	NA
TBW-S	12/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.38	NA	NA	NA
TBW-S	12/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.81	NA	NA	NA
TBW-S	12/27/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.35	NA	NA	NA
TBW-W	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.14	NA	NA	NA
TBW-W	12/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.86	NA	NA	NA
TBW-W	12/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.13	NA	NA	NA
TBW-W	12/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.37	NA	NA	NA
TBW-W	12/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.79	NA	NA	NA
TBW-W	12/27/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.32	NA	NA	NA

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol or tertiary butanol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B
EDB = Ethylene Dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
SPH = Separate-phase hydrocarbon
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell Service Station
1601 Webster Street
Alameda, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Notes:

a = Extracted out of holding time.

b = Result with a carbon range of C4-C12.

c = Result may be biased slightly high. See lab report case narrative.

d = Result with a carbon range of C6-C12.

e = Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

f = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

g = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below the acceptance limits. A low bias to sample results is indicated.

h = Analyzed by EPA Method 8015B (M).

i = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

j = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

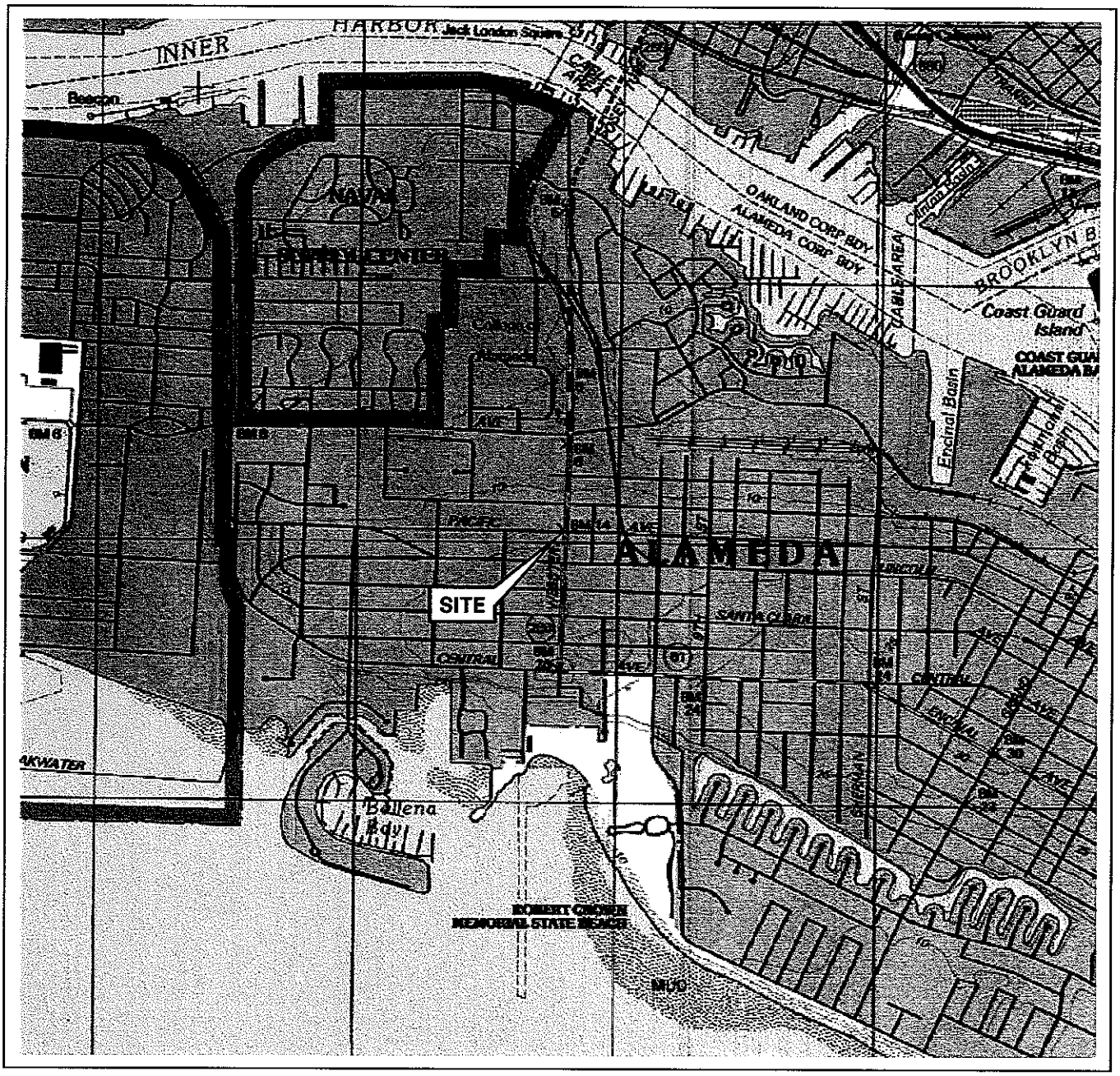
Ethanol analyzed by EPA Method 8260B.

Well TBW-N surveyed September 1, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells S-2 through S-7 surveyed on November 30, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells S-4B and S-7 through S-9 surveyed on August 17, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

FIGURES



SOURCE:

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

TRC	FACILITY: FORMER 76 STATION 0843 1629 WEBSTER STREET ALAMEDA, CALIFORNIA	**VICINITY MAP** **FIGURE 1**

PS=1:1 L:\QMS VICINITY MAPS\0843VM.DWG Jan 19, 2009 - 2:26pm aakers

LEGEND

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

S-9 ⊕ Shell Service Station Monitoring Well

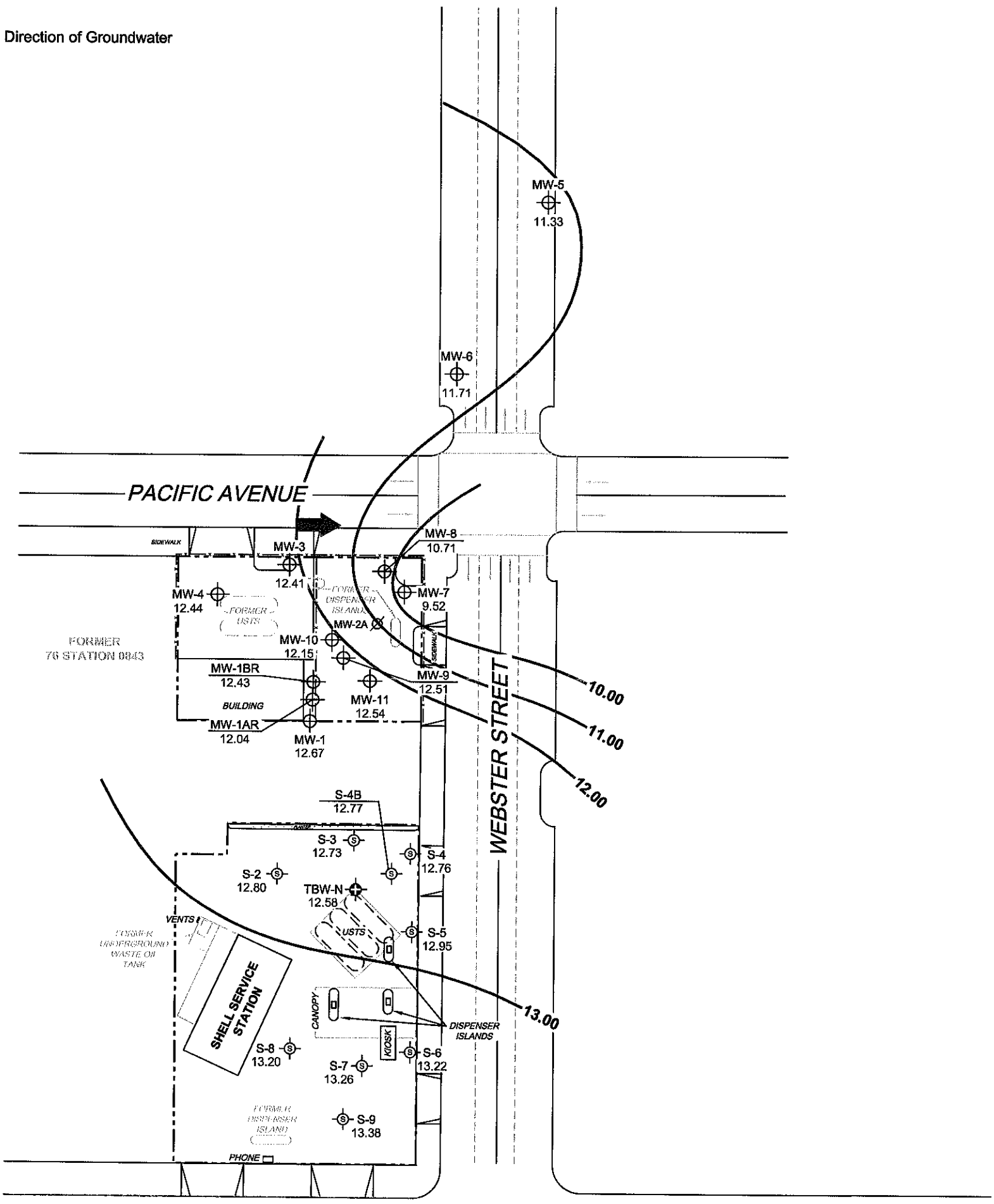
TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

13.00 —— Groundwater Elevation Contour

General Direction of Groundwater Flow

N



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. Shell Service Station data provided by CRA.

SCALE (FEET)
0 60

TRC

PROJECT: 165521

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

GROUNDWATER ELEVATION CONTOUR MAP
May 28, 2009

FIGURE 2

LEGEND

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

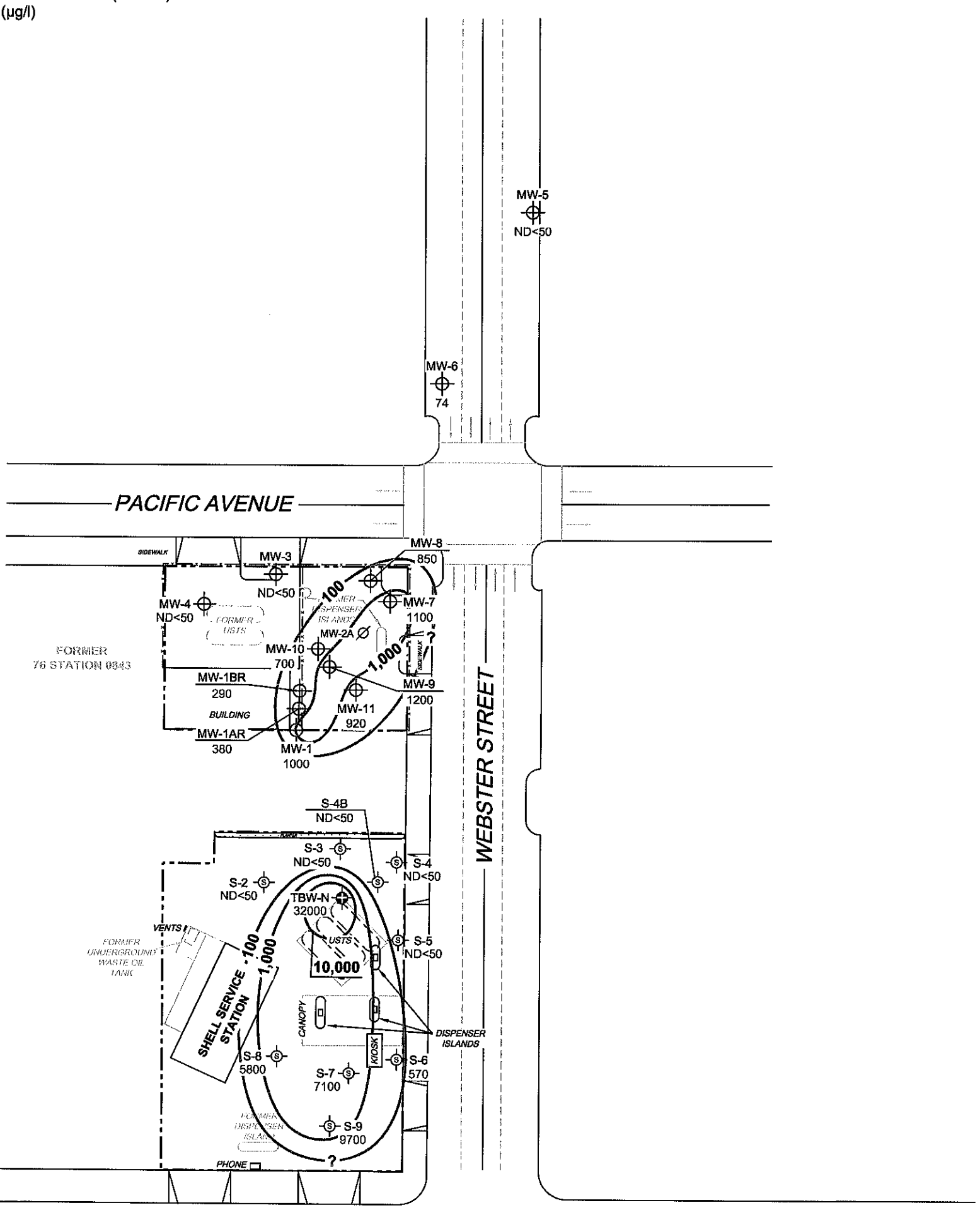
S-9 ⊕ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

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

N



NOTES:

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

SCALE (FEET) 0 60	TRC	PROJECT: 165521 FACILITY: FORMER 76 STATION 0843 1629 WEBSTER STREET ALAMEDA, CALIFORNIA	**DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP May 28, 2009** **FIGURE 3**

LEGEND

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

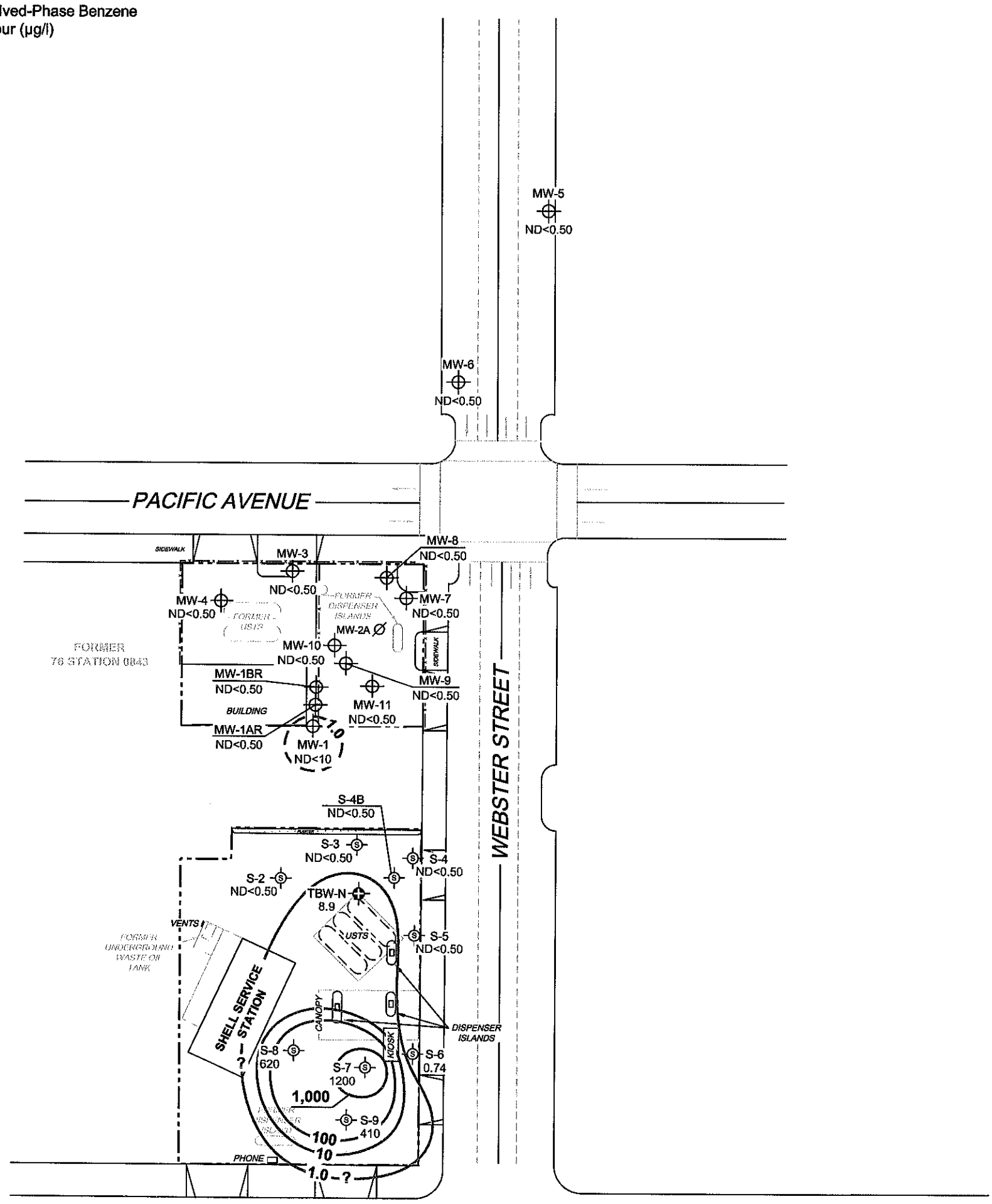
S-9 ⊕ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

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

N



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Shell Service Station data provided by CRA.

SCALE (FEET)

0 60

TRC

PROJECT: 165521

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
May 28, 2009

FIGURE 4

LEGEND

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

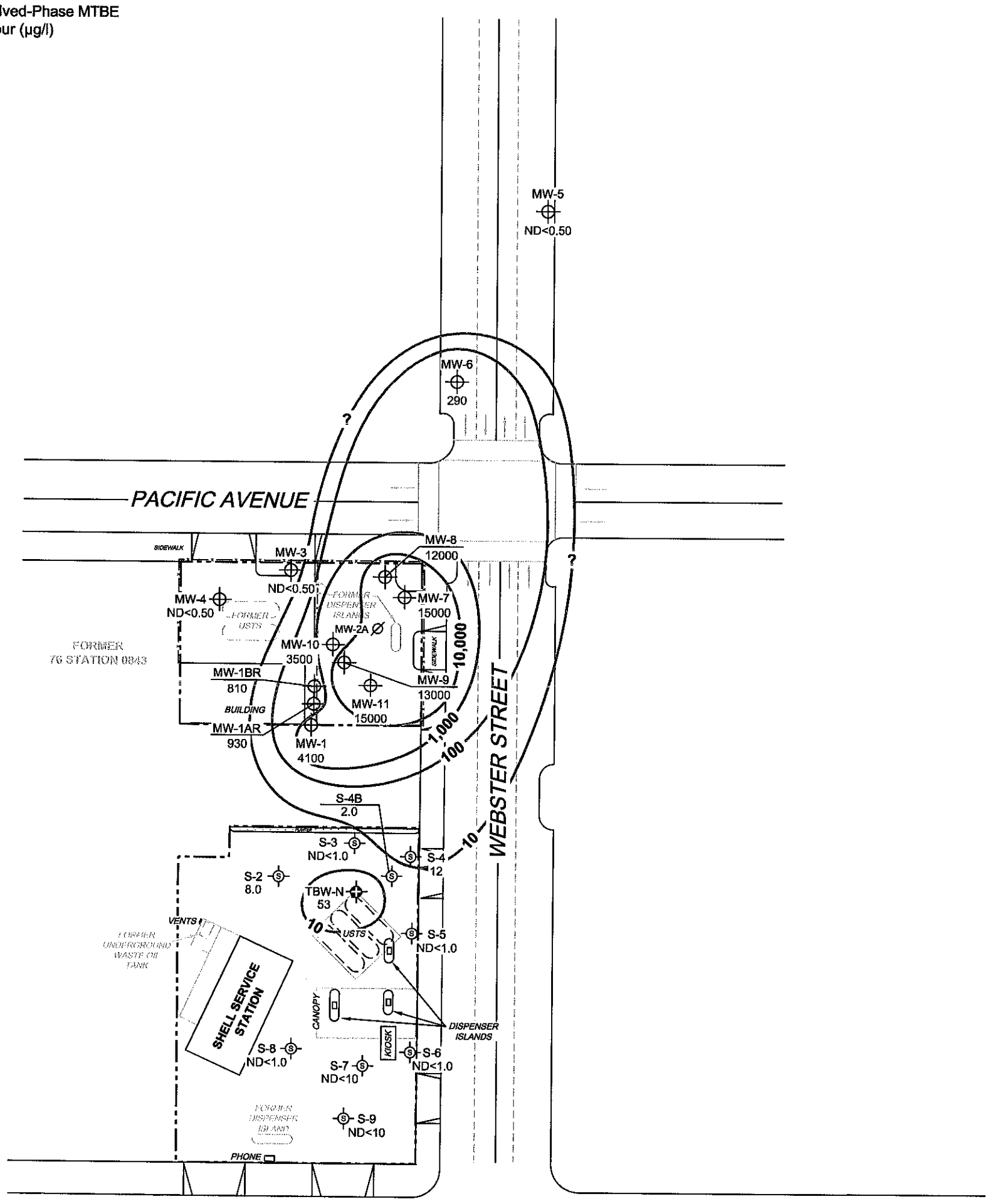
S-9 ⊕ Shell Service Station Monitoring Well

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. UST = underground storage tank. Shell Service Station data provided by CRA. Results obtained using EPA Method 8260B.

SCALE (FEET)
0 60

TRC

PROJECT: 165521

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
May 28, 2009

FIGURE 5

LEGEND

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

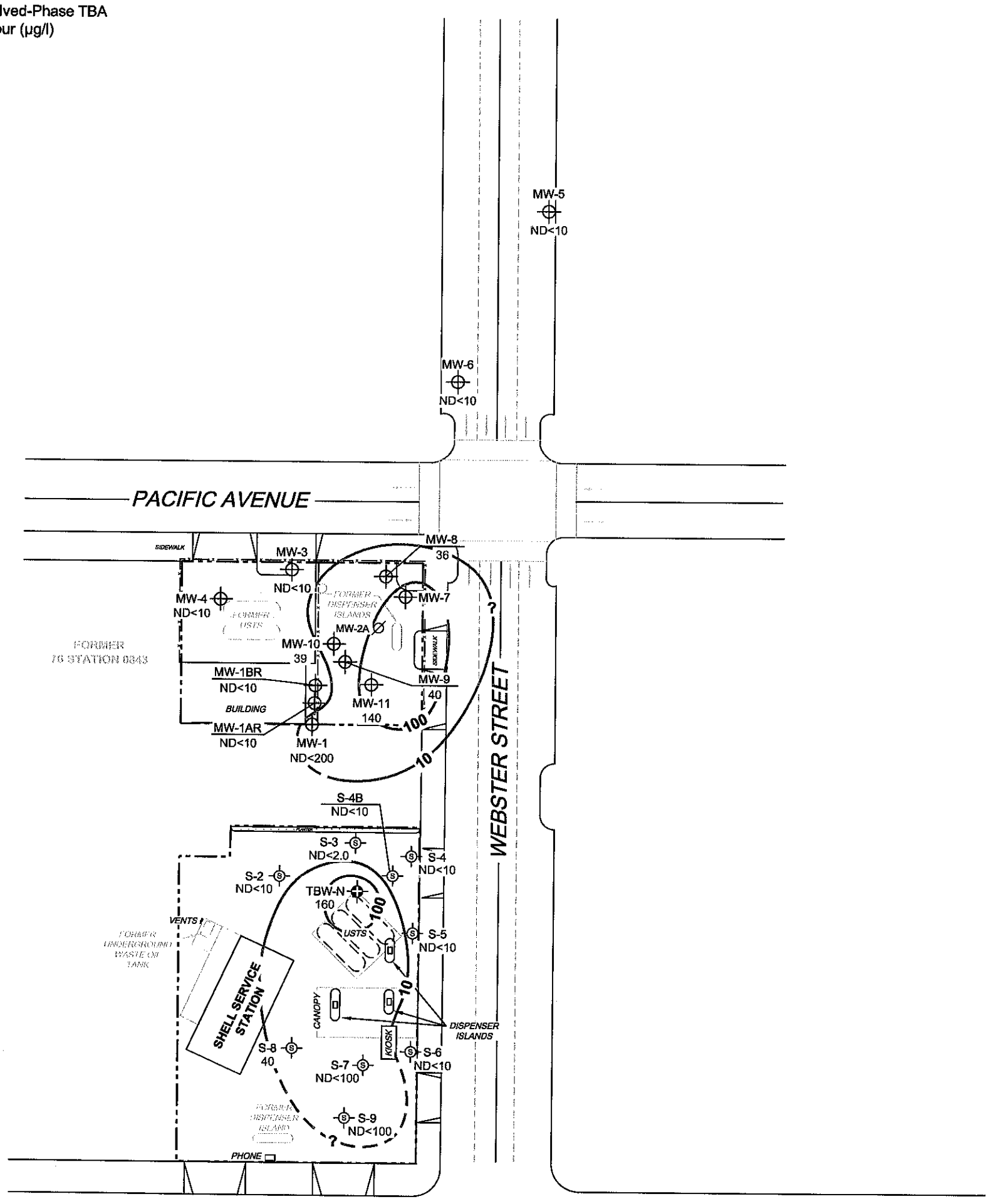
S-9 ⊕ Shell Service Station Monitoring Well

TBW-N ⊕ Shell Tank Backfill Monitoring Well

MW-2A ∅ Abandoned Well

100 Dissolved-Phase TBA Contour (µg/l)

N



NOTES:

TBA = tertiary butyl alcohol. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Shell Service Station data provided by CRA. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

TRC

PROJECT: 165521

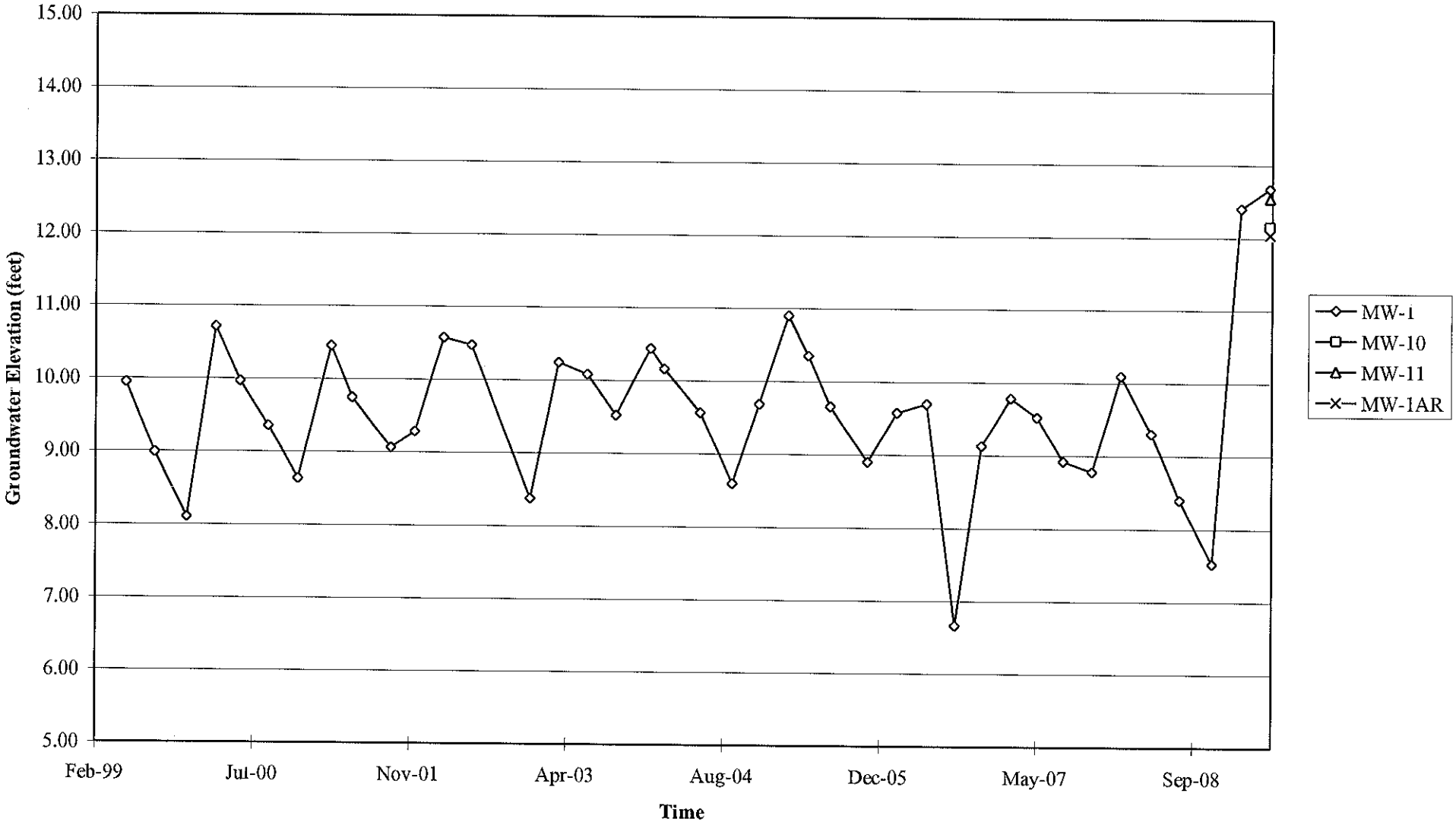
FACILITY:
FORMER 76 STATION 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA

DISSOLVED-PHASE TBA CONCENTRATION MAP
May 28, 2009

FIGURE 6

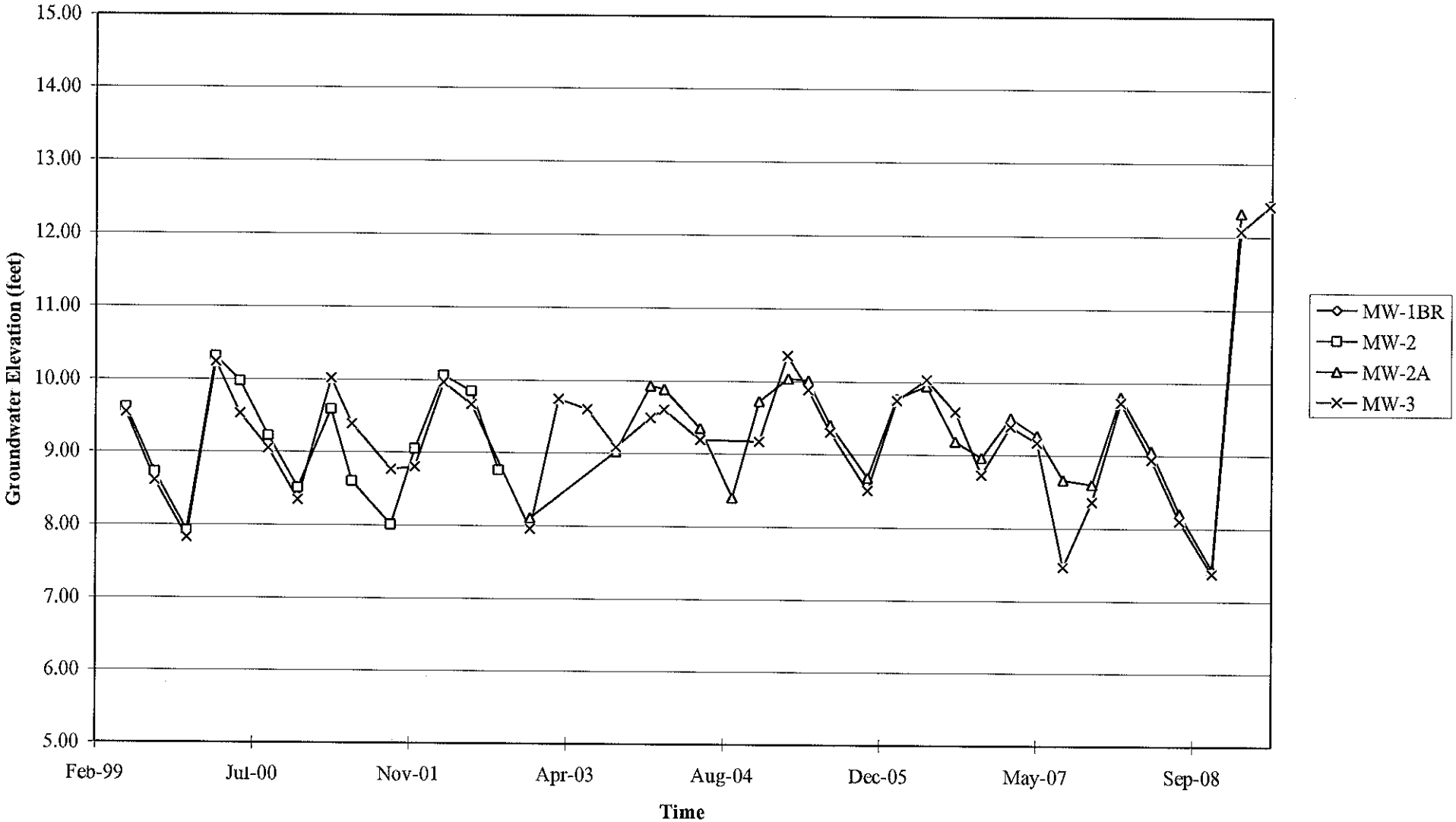
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 0843



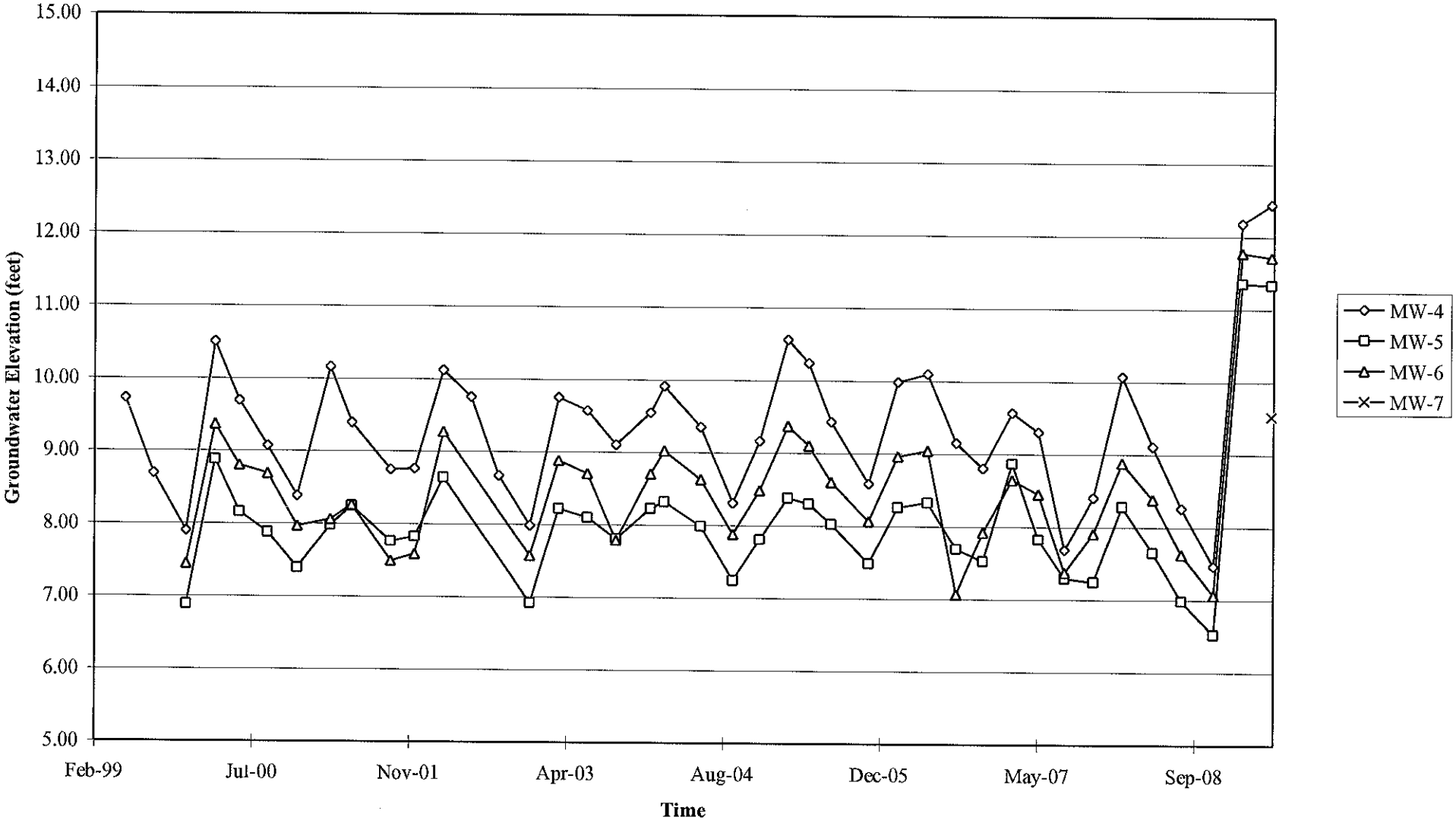
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



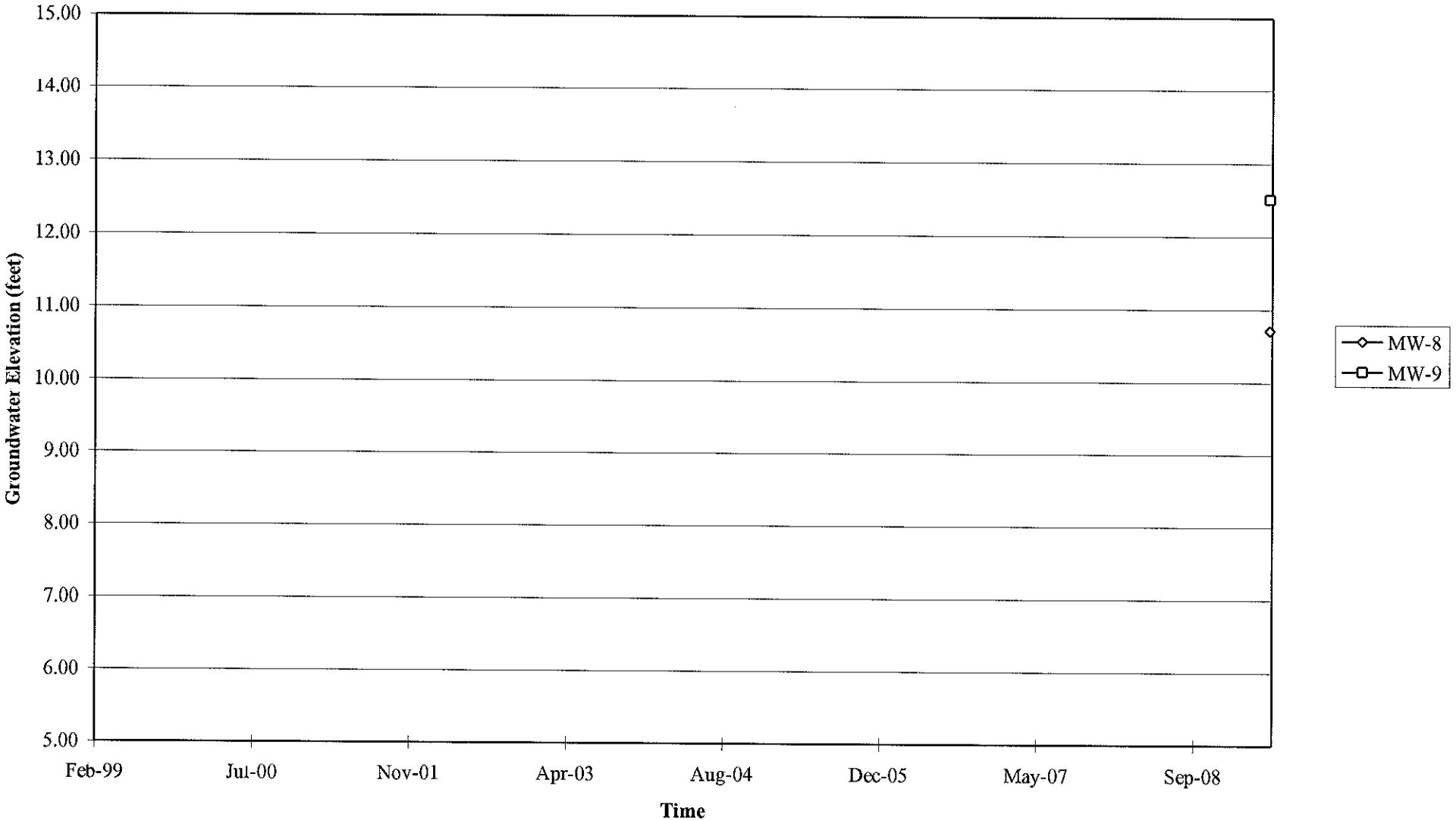
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 0843



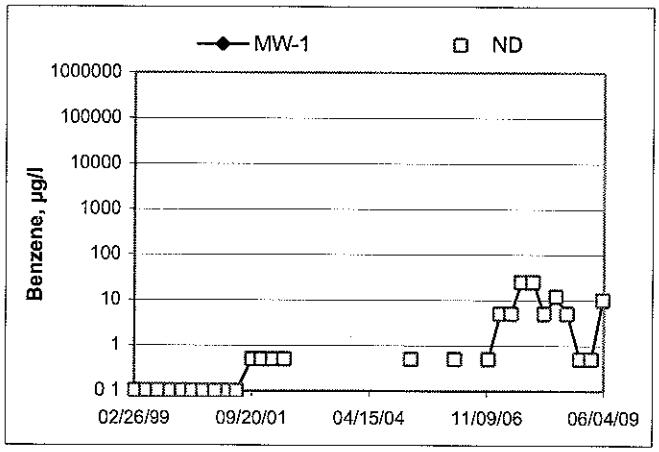
Elevations may have been corrected for apparent changes due to resurvey

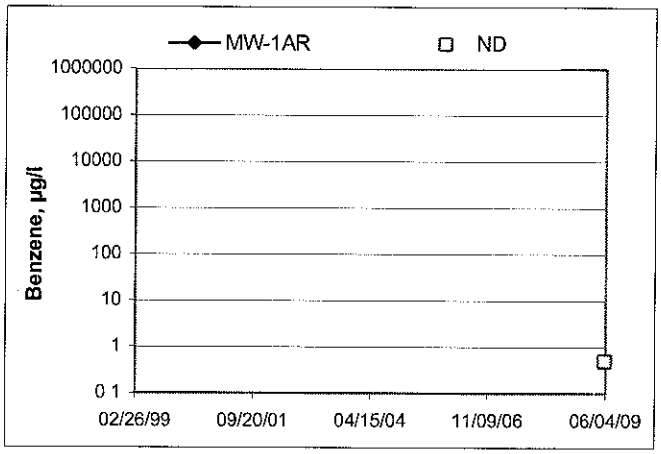
Groundwater Elevations vs. Time
Former 76 Station 0843

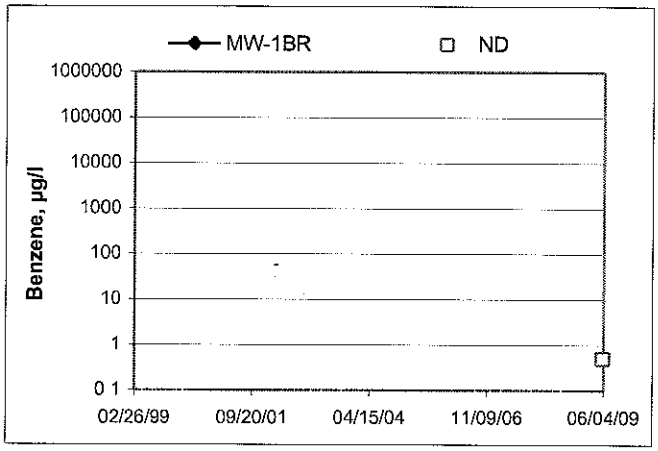


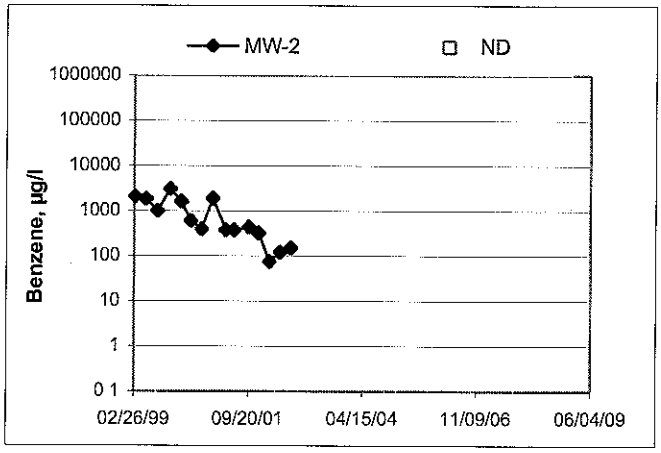
Elevations may have been corrected for apparent changes due to resurvey

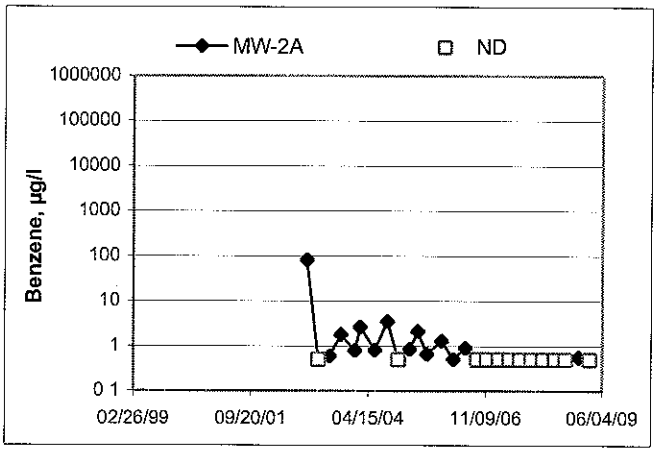
Benzene Concentrations vs Time
Former 76 Station 0843

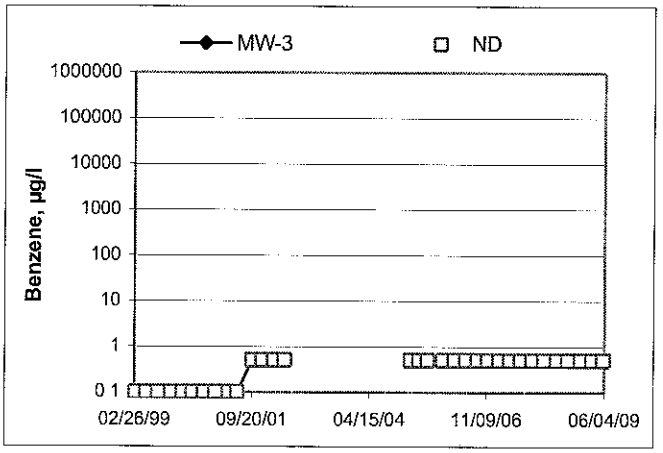


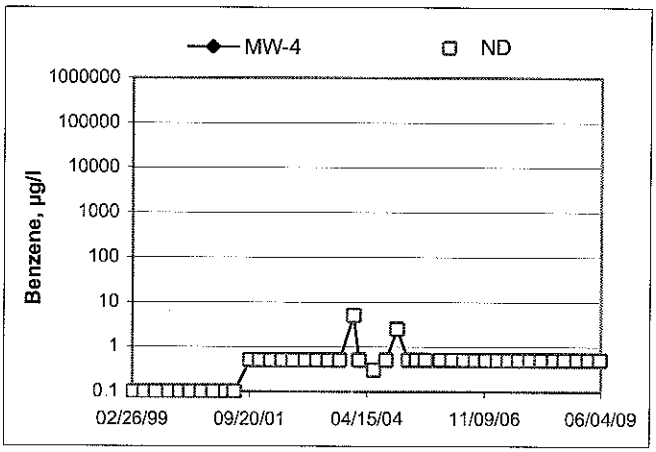


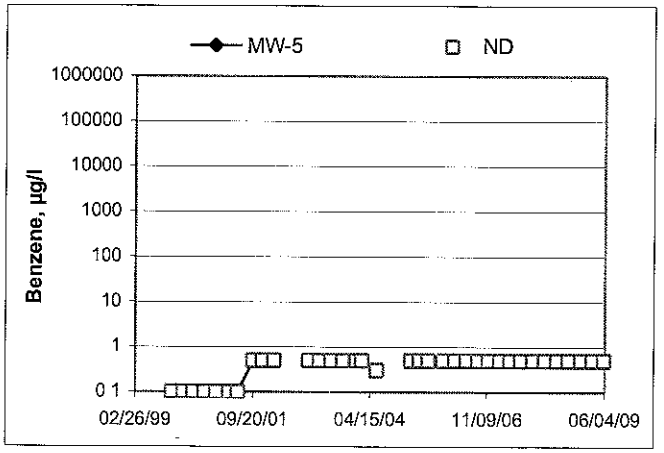




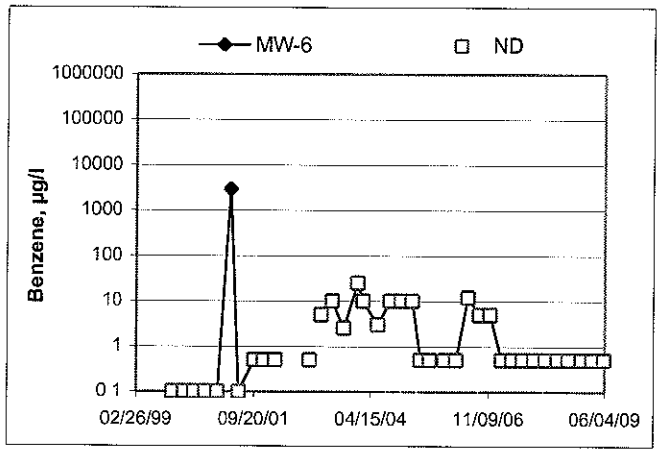


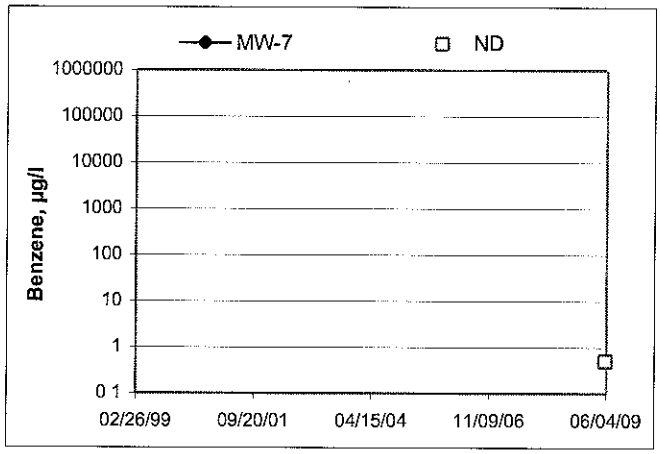


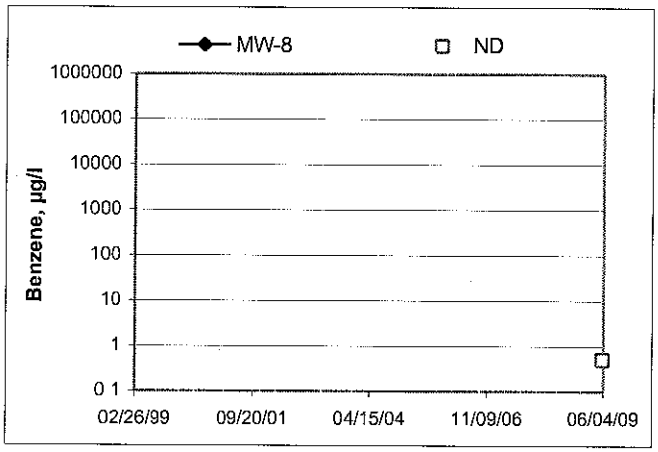


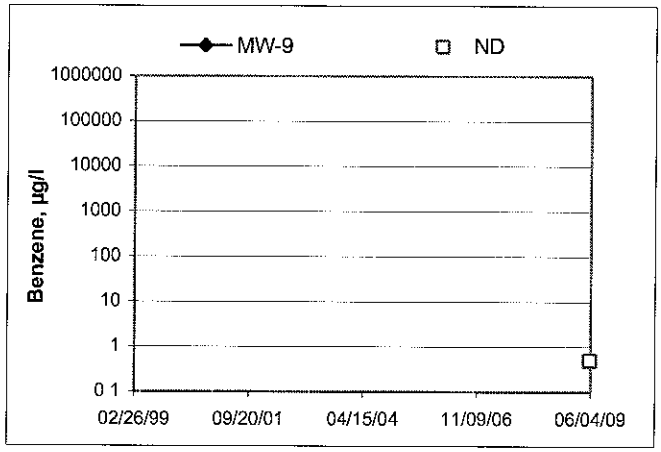


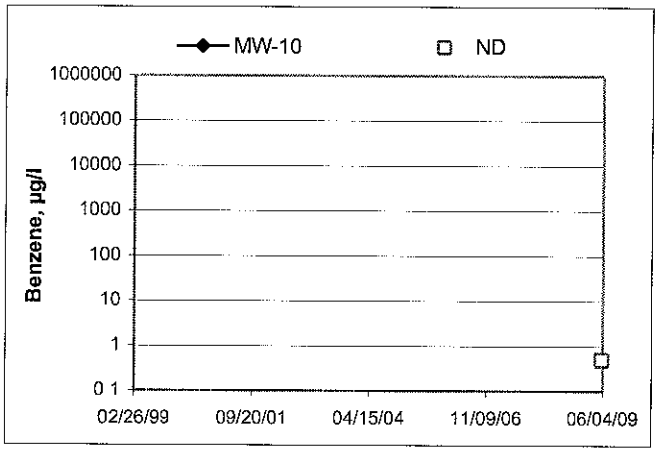
Benzene Concentrations vs Time
Former 76 Station 0843

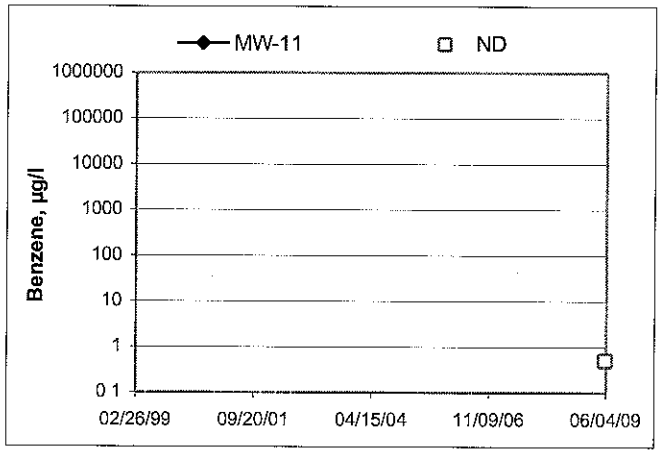












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, IRC 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. IRC 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: Andrew Vickers Job #/Task #: 165521 / FA20 Date: 5/28/09

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

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-9	✓	0930	24.36	6.24	—	—	0935	2" Grab sample
MW-8	✓	0618	29.54	7.42	—	—	0738	2"
MW-3	✓	0627	19.85	5.64	—	—	0804	2"
MW-4	✓	0633	18.33	5.70	—	—	0830	2"
MW-5	✓	0642	20.23	5.12	—	—	0856	2"
MW-6	✓	0652	20.10	5.26	—	—	0910	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

FIELD MONITORING DATA SHEET

Technician: Ricky H. Job #/Task #: 165521 / FA26 Date: 05/28/09

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

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
mw-1	X	0622	~~18.19~~ 18.87	6.46	—	—	0737	2"
mw-1AR	X	0628	29.77	7.25	—	—	0818	2"
mw-1BR	X	0633	34.50	6.70	—	—	0825	2"
mw-10	X	0639	29.39	6.69	—	—	0855	2"
mw-11	X	0646	27.49	6.18	—	—	0915	2"
mw-7	X	0651	29.15	8.29	—	—	0950	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vickers

Site: 0843 Project No : 165521 Date: 5/28/09

Well No. MW-9 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
—	—	0935

Comments: Grab sample

Well No. MW-8 Purge Method: Sub

Depth to Water (feet): 7.42 Depth to Product (feet): —

Total Depth (feet) 29.54 LPH & Water Recovered (gallons): —

Water Column (feet): 22.12 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.84 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge							1.38	146	
0718			4	967.1	17.3	6.71			
			8	1061	18.3	6.65			
	0729		12	925.7	19.6	6.58			
POST	PURGE						2.22	68	

Static at Time Sampled	Total Gallons Purged	Sample Time
11.84	12	0738

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vickers

Site: 0843 Project No: 165521 Date: 5/28/09

Well No. MW-3 Purge Method: Sub

Depth to Water (feet): 5.64 Depth to Product (feet): —

Total Depth (feet) 19.85 LPH & Water Recovered (gallons): —

Water Column (feet): 14.21 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.48 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							4.03	141	
0153			3	623.2	17.6	6.78			
			6	657.9	18.4	6.56			
	0158		9	708.9	18.4	6.60			
POST	PURGE						0.61	85	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.48	9	0804

Comments:

Well No. MW-4 Purge Method: Sub

Depth to Water (feet): 5.70 Depth to Product (feet): —

Total Depth (feet) 18.33 LPH & Water Recovered (gallons): —

Water Column (feet): 12.63 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.23 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							3.76	141	
0817			3	1181	18.2	6.74			
			6	1169	18.4	6.82			
	0822		9	1203	18.8	6.86			
POST	PURGE						3.68	55	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.23	9	0830

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vickers

Site: 0843 Project No.: 165521 Date: 5/28/09

Well No. MW-5 Purge Method: Sub

Depth to Water (feet): 5.12 Depth to Product (feet): —

Total Depth (feet) 20.23 LPH & Water Recovered (gallons): —

Water Column (feet): 15.11 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.14 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	DO (mg/L)	ORP	Turbidity
Pre-Purge							4.32	138	
0840			3	623.1	17.6	7.22			
			6	573.4	18.1	6.85			
	0844		9	544.3	18.2	6.65			
POST	PURGE						1.71	94	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.14	9	0850

Comments:

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 5.26 Depth to Product (feet): —

Total Depth (feet) 20.10 LPH & Water Recovered (gallons): —

Water Column (feet): 14.84 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.23 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	DO (mg/L)	ORP	Turbidity
Pre-Purge							1.85	142	
0901			3	777.0	17.2	6.61			
			6	774.2	17.5	6.52			
	0905		9	745.6	17.7	6.48			
POST	PURGE						1.06	56	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.06	9	0910

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 0843 Project No: 165521 Date: 05/28/09

Well No. mw-1 Purge Method: Sub

Depth to Water (feet): 6.96 Depth to Product (feet): —

Total Depth (feet) 19.87 LPH & Water Recovered (gallons): —

Water Column (feet): 13.41 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 9.14 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							2.95	119	
0723			3	311.5	16.5	7.45			
			6	401.5	17.2	7.09			
	0730		9	479.1	17.5	6.86			
Post	PURGE						0.80	171	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.70	9	0737

Comments:

Well No. mw-1AR Purge Method: Sub

Depth to Water (feet): 7.25 Depth to Product (feet): —

Total Depth (feet) 29.77 LPH & Water Recovered (gallons): —

Water Column (feet): 22.52 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.75 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							0.95	144	
0751			4	1157	17.5	6.76			
			8	1060	18.1	6.79			
	0758		12	846.7	18.2	6.67			
Post	PURGE						1.72	177	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.25	12	0818

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H.

Site: 0847 Project No : 165521 Date: 05/28/09

Well No. ~~MW-10~~ MW-1BR Purge Method: Sub

Depth to Water (feet): 6.70 Depth to Product (feet): —

Total Depth (feet) 34.50 LPH & Water Recovered (gallons): —

Water Column (feet): 27.80 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.26 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							1.37	~~145~~ 145	
0803			5	711.7	18.4	6.67			
			10	745.8	18.8	6.70			
	0811		15	770.1	18.9	6.69			
Post	PURGE						0.61	165	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.81	15	0825

Comments:

Well No. ~~MW-11~~ MW-10 Purge Method: Sub

Depth to Water (feet): 6.69 Depth to Product (feet): —

Total Depth (feet) 29.39 LPH & Water Recovered (gallons): —

Water Column (feet): 22.70 Casing Diameter (Inches): 2'

80% Recharge Depth(feet): 11.23 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge							1.76	151	
0835			4	717.9	18.5	6.79			
			8	676.7	19.0	6.63			
	0842		12	656.9	19.1	6.56			
Post	PURGE						0.30	156	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.00	12	0855

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H.

Site: 0843 Project No.: 165521 Date: 05/28/09

Well No. mw 11 Purge Method: Sub

Depth to Water (feet): 6.18 Depth to Product (feet): —

Total Depth (feet) 27.49 LPH & Water Recovered (gallons): —

Water Column (feet): 21.31 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.44 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							0.80	1.56	
6903			4	1108	18.5	6.77			
			8	992.3	18.8	6.69			
	0910		12	938.8	18.9	6.64			
Post	PURGE						0.22	147	

Static at Time Sampled	Total Gallons Purged	Sample Time
9.58	12	0915

Comments:

Well No. mw 7 Purge Method: — Sub

Depth to Water (feet): 8.29 Depth to Product (feet): —

Total Depth (feet) 29.15 LPH & Water Recovered (gallons): —

Water Column (feet): 20.86 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.46 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							0.63	160	
0930			4	993.0	19.9	6.77			
			8	1093	20.0	6.69			
	0942		12	951.5	20.3	6.73			
							1.24	124	

Static at Time Sampled	Total Gallons Purged	Sample Time
12.46	12	0950

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 07/06/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 0843
BC Work Order: 0906998
Invoice ID: B063385

Enclosed are the results of analyses for samples received by the laboratory on 5/28/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 0843 Project Number: 4511010865 Project Manager: Anju Farfan	**Reported:** 07/06/2009 9:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0906998-01	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 09:35	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-9	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-02	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	Metal Analysis: 2-Lab Filtered and
	Project Number:	0843	**Sampling Date:**	05/28/2009 07:38	Acidified
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-8	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-03	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:04	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-3	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-04	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:30	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-4	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-05	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:50	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-5	**Sample Matrix:**	Water	
	Sampled By:	TRCI			

TRC 21 Technology Drive Irvine, CA 92618	Project: 0843 Project Number: 4511010865 Project Manager: Anju Farfan	**Reported:** 07/06/2009 9:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0906998-06	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 09:10	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-6	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-07	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	Metal Analysis: 2-Lab Filtered and
	Project Number:	0843	**Sampling Date:**	05/28/2009 07:37	Acidified
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-1	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-08	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	Metal Analysis: 2-Lab Filtered and
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:55	Acidified
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-10	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-09	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:18	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-1AR	**Sample Matrix:**	Water	
	Sampled By:	TRCI			
0906998-10	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41	
	Project Number:	0843	**Sampling Date:**	05/28/2009 08:25	
	Sampling Location:	---	**Sample Depth:**	---	
	Sampling Point:	MW-1BR	**Sample Matrix:**	Water	
	Sampled By:	TRCI			

TRC 21 Technology Drive Irvine, CA 92618	Project: 0843 Project Number: 4511010865 Project Manager: Anju Farfan	**Reported:** 07/06/2009 9:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
0906998-11	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41
	Project Number:	0843	**Sampling Date:**	05/28/2009 09:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-11	**Sample Matrix:**	Water
	Sampled By:	TRCI		
0906998-12	**COC Number:**	---	**Receive Date:**	05/28/2009 21:41
	Project Number:	0843	**Sampling Date:**	05/28/2009 09:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-7	**Sample Matrix:**	Water
	Sampled By:	TRCI		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-01 | **Client Sample Name:** 0843, MW-9, 5/28/2009 9:35:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	**0.75**	**ug/L**	**0.50**		**EPA-8260**	**06/05/09**	**06/06/09 07:25**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
Methyl t-butyl ether	**13000**	**ug/L**	**100**		**EPA-8260**	**06/05/09**	**06/09/09 13:40**	**KEA**	**MS-V12**	**200**	**BSF0388**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	**15**	**ug/L**	**1.0**		**EPA-8260**	**06/05/09**	**06/06/09 07:25**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
t-Amyl Methyl ether	**11**	**ug/L**	**0.50**		**EPA-8260**	**06/05/09**	**06/06/09 07:25**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
t-Butyl alcohol	**40**	**ug/L**	**10**		**EPA-8260**	**06/05/09**	**06/06/09 07:25**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	**1200**	**ug/L**	**50**		**Luft-GC/MS**	**06/05/09**	**06/06/09 07:25**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388		
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:40	KEA	MS-V12	200	BSF0388		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:40	KEA	MS-V12	200	BSF0388		
4-Bromofluorobenzene (Surrogate)	99.7	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:25	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	96.2	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:40	KEA	MS-V12	200	BSF0388		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-02 | **Client Sample Name:** 0843, MW-8, 5/28/2009 7:38:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Methyl t-butyl ether	**12000**	**ug/L**	**100**		**EPA-8260**	**06/05/09**	**06/09/09 13:21**	**KEA**	**MS-V12**	**200**	**BSF0388**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
t-Amyl Methyl ether	**9.7**	**ug/L**	**0.50**		**EPA-8260**	**06/05/09**	**06/06/09 07:43**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
t-Butyl alcohol	**36**	**ug/L**	**10**		**EPA-8260**	**06/05/09**	**06/06/09 07:43**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	**850**	**ug/L**	**50**		**Luft-GC/MS**	**06/05/09**	**06/06/09 07:43**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388		
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:21	KEA	MS-V12	200	BSF0388		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:21	KEA	MS-V12	200	BSF0388		
Toluene-d8 (Surrogate)	96.8	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	98.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:21	KEA	MS-V12	200	BSF0388		
4-Bromofluorobenzene (Surrogate)	97.3	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:43	KEA	MS-V12	1	BSF0388		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Water Analysis (General Chemistry)

BCL Sample ID: 0906998-02 | **Client Sample Name:** 0843, MW-8, 5/28/2009 7:38:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	**12**	**mg/L**	**0.44**		**EPA-300.0**	**05/28/09**	**05/29/09 02:34**	**CRR**	**IC2**	**1**	**BSE1782**	**ND**	
Sulfate	**130**	**mg/L**	**1.0**		**EPA-300.0**	**05/28/09**	**05/29/09 02:34**	**CRR**	**IC2**	**1**	**BSE1782**	**ND**	
Electrical Conductivity @ 25 C	**923**	**umhos/cm**	**1.00**		**EPA-120.1**	**06/01/09**	**06/01/09 12:01**	**FM2**	**MET-1**	**1**	**BSF0068**		
Iron (II) Species	ND	ug/L	1000		SM-3500-Fe[	05/29/09	05/29/09 00:30	MRM	SPEC05	10	BSE1750	ND	A10
Non-Volatile Organic Carbon	**9.9**	**mg/L**	**1.5**		**EPA-415.1**	**06/02/09**	**06/02/09 13:58**	**CDR**	**TOC2**	**5**	**BSF0258**	**ND**	**A01**
Dissolved Oxygen	**9.0**	**mg O/L**	**0.50**		**SM-4500OG**	**05/29/09**	**05/29/09 07:45**	**HPR**	**YSI-57**	**1**	**BSE1813**		**S05**

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Water Analysis (Metals)

BCL Sample ID: 0906998-02 | **Client Sample Name:** 0843, MW-8, 5/28/2009 7:38:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexavalent Chromium	ND	ug/L	2.0		EPA-7196	05/28/09	05/28/09 23:44	TDC	KONE-1	1	BSF0014	ND	
Manganese	**280**	**ug/L**	**1.0**		**EPA-200.8**	**05/29/09**	**06/10/09 13:02**	**PRA**	**PE-EL1**	**1**	**BSF0626**	**ND**	
Total Chromium	**140**	**ug/L**	**10**		**EPA-6010B**	**06/03/09**	**06/04/09 11:08**	**PPS**	**PE-OP1**	**1**	**BSF0194**	**ND**	
Total Recoverable Manganese	**830**	**ug/L**	**1.0**		**EPA-200.8**	**06/02/09**	**06/03/09 12:33**	**PRA**	**PE-EL1**	**1**	**BSF0125**	**ND**	

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Project: 0843
Project Number: 4511010865
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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-03 | **Client Sample Name:** 0843, MW-3, 5/28/2009 8:04:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:01	KEA	MS-V12	1	BSF0388		

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-04 | **Client Sample Name:** 0843, MW-4, 5/28/2009 8:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:19	KEA	MS-V12	1	BSF0388		

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-05 | **Client Sample Name:** 0843, MW-5, 5/28/2009 8:50:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388		
Toluene-d8 (Surrogate)	97.7	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 08:37	KEA	MS-V12	1	BSF0388		

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-06 | **Client Sample Name:** 0843, MW-6, 5/28/2009 9:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Methyl t-butyl ether	**290**	**ug/L**	**2.5**		**EPA-8260**	**06/05/09**	**06/09/09 13:03**	**KEA**	**MS-V12**	**5**	**BSF0388**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388	ND	
Total Purgeable Petroleum Hydrocarbons	**74**	**ug/L**	**50**		**Luft-GC/MS**	**06/05/09**	**06/08/09 19:11**	**KEA**	**MS-V12**	**1**	**BSF0388**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388		
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:03	KEA	MS-V12	5	BSF0388		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:03	KEA	MS-V12	5	BSF0388		
4-Bromofluorobenzene (Surrogate)	95.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:11	KEA	MS-V12	1	BSF0388		
4-Bromofluorobenzene (Surrogate)	97.9	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 13:03	KEA	MS-V12	5	BSF0388		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-07 | **Client Sample Name:** 0843, MW-1, 5/28/2009 7:37:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
1,2-Dibromoethane	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
1,2-Dichloroethane	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Ethylbenzene	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Methyl t-butyl ether	**4100**	**ug/L**	**50**		**EPA-8260**	**06/05/09**	**06/08/09 19:29**	**KEA**	**MS-V12**	**100**	**BSF0388**	**ND**	**A01**
Toluene	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Total Xylenes	ND	ug/L	20		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
t-Amyl Methyl ether	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
t-Butyl alcohol	ND	ug/L	200		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Diisopropyl ether	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Ethanol	ND	ug/L	5000		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Ethyl t-butyl ether	ND	ug/L	10		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388	ND	A01
Total Purgeable Petroleum Hydrocarbons	**1000**	**ug/L**	**1000**		**Luft-GC/MS**	**06/05/09**	**06/06/09 07:07**	**KEA**	**MS-V12**	**20**	**BSF0388**	**ND**	**A01,A90**
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388		
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:29	KEA	MS-V12	100	BSF0388		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:29	KEA	MS-V12	100	BSF0388		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388		
4-Bromofluorobenzene (Surrogate)	96.7	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/06/09 07:07	KEA	MS-V12	20	BSF0388		
4-Bromofluorobenzene (Surrogate)	99.7	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 19:29	KEA	MS-V12	100	BSF0388		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Water Analysis (General Chemistry)

BCL Sample ID: 0906998-07 | **Client Sample Name:** 0843, MW-1, 5/28/2009 7:37:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	**9.9**	**mg/L**	**0.44**		**EPA-300.0**	**05/28/09**	**05/29/09 02:48**	**CRR**	**IC2**	**1**	**BSE1782**	**ND**	
Sulfate	**25**	**mg/L**	**1.0**		**EPA-300.0**	**05/28/09**	**05/29/09 02:48**	**CRR**	**IC2**	**1**	**BSE1782**	**ND**	
Electrical Conductivity @ 25 C	**463**	**umhos/cm**	**1.00**		**EPA-120.1**	**06/01/09**	**06/01/09 12:03**	**FM2**	**MET-1**	**1**	**BSF0068**		
Iron (II) Species	ND	ug/L	500		SM-3500-Fe[	05/29/09	05/29/09 00:30	MRM	SPEC05	5	BSE1750	ND	A10
Non-Volatile Organic Carbon	**1.8**	**mg/L**	**0.30**		**EPA-415.1**	**05/29/09**	**05/29/09 17:32**	**CDR**	**TOC2**	**1**	**BSF0052**	**ND**	
Dissolved Oxygen	**8.6**	**mg O/L**	**0.50**		**SM-4500OG**	**05/29/09**	**05/29/09 07:45**	**HPR**	**YSI-57**	**1**	**BSE1814**		**S05**

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Project: 0843
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Reported: 07/06/2009 9:26

Water Analysis (Metals)

BCL Sample ID: 0906998-07 | **Client Sample Name:** 0843, MW-1, 5/28/2009 7:37:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexavalent Chromium	2.0	ug/L	2.0		EPA-7196	05/28/09	05/28/09 23:44	TDC	KONE-1	1	BSF0014	ND	
Manganese	2.4	ug/L	1.0		EPA-200.8	05/29/09	06/10/09 13:05	PRA	PE-EL1	1	BSF0626	ND	
Total Chromium	87	ug/L	10		EPA-6010B	06/03/09	06/04/09 11:10	PPS	PE-OP1	1	BSF0194	ND	
Total Recoverable Manganese	550	ug/L	1.0		EPA-200.8	06/02/09	06/03/09 12:36	PRA	PE-EL1	1	BSF0125	ND	

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Project: 0843
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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-08 | **Client Sample Name:** 0843, MW-10, 5/28/2009 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Methyl t-butyl ether	**3500**	**ug/L**	**25**		**EPA-8260**	**06/05/09**	**06/09/09 11:51**	**KEA**	**MS-V12**	**50**	**BSF0397**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
t-Amyl Methyl ether	**4.6**	**ug/L**	**0.50**		**EPA-8260**	**06/05/09**	**06/08/09 18:53**	**KEA**	**MS-V12**	**1**	**BSF0397**	**ND**	
t-Butyl alcohol	**39**	**ug/L**	**10**		**EPA-8260**	**06/05/09**	**06/08/09 18:53**	**KEA**	**MS-V12**	**1**	**BSF0397**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397	ND	
Total Purgeable Petroleum Hydrocarbons	**700**	**ug/L**	**50**		**Luft-GC/MS**	**06/05/09**	**06/08/09 18:53**	**KEA**	**MS-V12**	**1**	**BSF0397**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397		
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 11:51	KEA	MS-V12	50	BSF0397		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 11:51	KEA	MS-V12	50	BSF0397		
4-Bromofluorobenzene (Surrogate)	98.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/09/09 11:51	KEA	MS-V12	50	BSF0397		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	06/05/09	06/08/09 18:53	KEA	MS-V12	1	BSF0397		

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Reported: 07/06/2009 9:26

Water Analysis (General Chemistry)

BCL Sample ID: 0906998-08 | **Client Sample Name:** 0843, MW-10, 5/28/2009 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	9.1	mg/L	0.44		EPA-300.0	05/28/09	05/29/09 03:01	CRR	IC2	1	BSE1782	ND	
Sulfate	30	mg/L	1.0		EPA-300.0	05/28/09	05/29/09 03:01	CRR	IC2	1	BSE1782	ND	
Electrical Conductivity @ 25 C	661	umhos/cm	1.00		EPA-120.1	06/01/09	06/01/09 12:04	FM2	MET-1	1	BSF0068		
Iron (II) Species	150	ug/L	100		SM-3500-Fe[	05/29/09	05/29/09 00:30	MRM	SPEC05	1	BSE1750	ND	
Non-Volatile Organic Carbon	2.4	mg/L	0.30		EPA-415.1	05/29/09	05/29/09 17:50	CDR	TOC2	1	BSF0052	ND	
Dissolved Oxygen	7.1	mg O/L	0.50		SM-4500OG	05/29/09	05/29/09 07:45	HPR	YSI-57	1	BSE1814		S05

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Reported: 07/06/2009 9:26

Water Analysis (Metals)

BCL Sample ID: 0906998-08 | **Client Sample Name:** 0843, MW-10, 5/28/2009 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Hexavalent Chromium	**2.0**	**ug/L**	**2.0**		**EPA-7196**	**05/28/09**	**05/28/09 23:44**	**TDC**	**KONE-1**	**1**	**BSF0014**	**ND**	
Manganese	**280**	**ug/L**	**1.0**		**EPA-200.8**	**05/29/09**	**06/10/09 13:08**	**PRA**	**PE-EL1**	**1**	**BSF0626**	**ND**	
Total Chromium	ND	ug/L	10		EPA-6010B	06/03/09	06/04/09 11:12	PPS	PE-OP1	1	BSF0194	ND	
Total Recoverable Manganese	**350**	**ug/L**	**1.0**		**EPA-200.8**	**06/02/09**	**06/03/09 13:45**	**PRA**	**PE-EL1**	**1**	**BSF0125**	**ND**	

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-09 | **Client Sample Name:** 0843, MW-1AR, 5/28/2009 8:18:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Methyl t-butyl ether	**930**	**ug/L**	**6.2**		**EPA-8260**	**06/08/09**	**06/09/09 12:45**	**KEA**	**MS-V12**	**12.500**	**BSF0483**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
t-Amyl Methyl ether	**1.6**	**ug/L**	**0.50**		**EPA-8260**	**06/08/09**	**06/08/09 18:35**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483	ND	
Total Purgeable Petroleum Hydrocarbons	**380**	**ug/L**	**50**		**Luft-GC/MS**	**06/08/09**	**06/08/09 18:35**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:45	KEA	MS-V12	12.500	BSF0483		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	96.4	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:45	KEA	MS-V12	12.500	BSF0483		
4-Bromofluorobenzene (Surrogate)	96.9	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:35	KEA	MS-V12	1	BSF0483		
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:45	KEA	MS-V12	12.500	BSF0483		

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-10 | **Client Sample Name:** 0843, MW-1BR, 5/28/2009 8:25:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Methyl t-butyl ether	**810**	**ug/L**	**5.0**		**EPA-8260**	**06/08/09**	**06/09/09 12:27**	**KEA**	**MS-V12**	**10**	**BSF0483**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
t-Amyl Methyl ether	**2.0**	**ug/L**	**0.50**		**EPA-8260**	**06/08/09**	**06/08/09 18:17**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483	ND	
Total Purgeable Petroleum Hydrocarbons	**290**	**ug/L**	**50**		**Luft-GC/MS**	**06/08/09**	**06/08/09 18:17**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:27	KEA	MS-V12	10	BSF0483		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	97.1	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:27	KEA	MS-V12	10	BSF0483		
4-Bromofluorobenzene (Surrogate)	97.8	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 12:27	KEA	MS-V12	10	BSF0483		
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 18:17	KEA	MS-V12	1	BSF0483		

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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-11 | **Client Sample Name:** 0843, MW-11, 5/28/2009 9:15:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Methyl t-butyl ether	**15000**	**ug/L**	**120**		**EPA-8260**	**06/08/09**	**06/09/09 14:16**	**KEA**	**MS-V12**	**250**	**BSF0483**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
t-Amyl Methyl ether	**9.4**	**ug/L**	**0.50**		**EPA-8260**	**06/08/09**	**06/08/09 17:59**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
t-Butyl alcohol	**140**	**ug/L**	**10**		**EPA-8260**	**06/08/09**	**06/08/09 17:59**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483	ND	
Total Purgeable Petroleum Hydrocarbons	**920**	**ug/L**	**50**		**Luft-GC/MS**	**06/08/09**	**06/08/09 17:59**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 14:16	KEA	MS-V12	250	BSF0483		
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 14:16	KEA	MS-V12	250	BSF0483		
Toluene-d8 (Surrogate)	97.6	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:59	KEA	MS-V12	1	BSF0483		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 14:16	KEA	MS-V12	250	BSF0483		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0906998-12 | **Client Sample Name:** 0843, MW-7, 5/28/2009 9:50:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
Ethylbenzene	**1.4**	**ug/L**	**0.50**		**EPA-8260**	**06/08/09**	**06/08/09 17:41**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
Methyl t-butyl ether	**15000**	**ug/L**	**100**		**EPA-8260**	**06/08/09**	**06/09/09 13:58**	**KEA**	**MS-V12**	**200**	**BSF0483**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
Total Xylenes	**7.1**	**ug/L**	**1.0**		**EPA-8260**	**06/08/09**	**06/08/09 17:41**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
t-Amyl Methyl ether	**11**	**ug/L**	**0.50**		**EPA-8260**	**06/08/09**	**06/08/09 17:41**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
t-Butyl alcohol	**150**	**ug/L**	**10**		**EPA-8260**	**06/08/09**	**06/08/09 17:41**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
Ethanol	ND	ug/L	250		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483	ND	
Total Purgeable Petroleum Hydrocarbons	**1100**	**ug/L**	**50**		**Luft-GC/MS**	**06/08/09**	**06/08/09 17:41**	**KEA**	**MS-V12**	**1**	**BSF0483**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 13:58	KEA	MS-V12	200	BSF0483		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	97.8	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 13:58	KEA	MS-V12	200	BSF0483		
4-Bromofluorobenzene (Surrogate)	96.5	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/09/09 13:58	KEA	MS-V12	200	BSF0483		
4-Bromofluorobenzene (Surrogate)	95.7	%	86 - 115 (LCL - UCL)		EPA-8260	06/08/09	06/08/09 17:41	KEA	MS-V12	1	BSF0483		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BSF0388	Matrix Spike	0906490-64	0	18.500	25.000	ug/L		74.0		70 - 130	
		Matrix Spike Duplicate	0906490-64	0	21.440	25.000	ug/L	14.8	85.8	20	70 - 130	
Toluene	BSF0388	Matrix Spike	0906490-64	0	19.970	25.000	ug/L		79.9		70 - 130	
		Matrix Spike Duplicate	0906490-64	0	23.130	25.000	ug/L	14.6	92.5	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSF0388	Matrix Spike	0906490-64	ND	10.020	10.000	ug/L		100		76 - 114	
		Matrix Spike Duplicate	0906490-64	ND	10.230	10.000	ug/L		102		76 - 114	
Toluene-d8 (Surrogate)	BSF0388	Matrix Spike	0906490-64	ND	10.050	10.000	ug/L		100		88 - 110	
		Matrix Spike Duplicate	0906490-64	ND	10.120	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSF0388	Matrix Spike	0906490-64	ND	10.090	10.000	ug/L		101		86 - 115	
		Matrix Spike Duplicate	0906490-64	ND	9.9100	10.000	ug/L		99.1		86 - 115	
Benzene	BSF0397	Matrix Spike	0906857-03	0	20.430	25.000	ug/L		81.7		70 - 130	
		Matrix Spike Duplicate	0906857-03	0	21.450	25.000	ug/L	4.9	85.8	20	70 - 130	
Toluene	BSF0397	Matrix Spike	0906857-03	0	21.250	25.000	ug/L		85.0		70 - 130	
		Matrix Spike Duplicate	0906857-03	0	22.520	25.000	ug/L	5.8	90.1	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSF0397	Matrix Spike	0906857-03	ND	10.070	10.000	ug/L		101		76 - 114	
		Matrix Spike Duplicate	0906857-03	ND	10.050	10.000	ug/L		100		76 - 114	
Toluene-d8 (Surrogate)	BSF0397	Matrix Spike	0906857-03	ND	10.110	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0906857-03	ND	9.8800	10.000	ug/L		98.8		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSF0397	Matrix Spike	0906857-03	ND	9.9900	10.000	ug/L		99.9		86 - 115	
		Matrix Spike Duplicate	0906857-03	ND	9.8000	10.000	ug/L		98.0		86 - 115	
Benzene	BSF0483	Matrix Spike	0907041-01	0.19000	21.430	25.000	ug/L		85.0		70 - 130	
		Matrix Spike Duplicate	0907041-01	0.19000	22.010	25.000	ug/L	2.7	87.3	20	70 - 130	
Toluene	BSF0483	Matrix Spike	0907041-01	0	22.760	25.000	ug/L		91.0		70 - 130	
		Matrix Spike Duplicate	0907041-01	0	23.630	25.000	ug/L	3.8	94.5	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSF0483	Matrix Spike	0907041-01	ND	9.5400	10.000	ug/L		95.4		76 - 114	
		Matrix Spike Duplicate	0907041-01	ND	9.9700	10.000	ug/L		99.7		76 - 114	

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Project: 0843
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Toluene-d8 (Surrogate)	BSF0483	Matrix Spike	0907041-01	ND	9.8700	10.000	ug/L		98.7		88 - 110	
		Matrix Spike Duplicate	0907041-01	ND	9.9600	10.000	ug/L		99.6		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSF0483	Matrix Spike	0907041-01	ND	9.9300	10.000	ug/L		99.3		86 - 115	
		Matrix Spike Duplicate	0907041-01	ND	9.8200	10.000	ug/L		98.2		86 - 115	

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Project: 0843
Project Number: 4511010865
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Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Iron (II) Species	BSE1750	Duplicate	0906992-01	41086	41175		ug/L	0.2		10		
Nitrate as NO3	BSE1782	Duplicate	0906927-01	15.773	15.436		mg/L	2.2		10		
		Matrix Spike	0906927-01	15.773	38.455	22.358	mg/L		101		80 - 120	
		Matrix Spike Duplicate	0906927-01	15.773	37.927	22.358	mg/L	1.9	99.1	10	80 - 120	
Sulfate	BSE1782	Duplicate	0906927-01	206.74	206.55		mg/L	0.1		10		
		Matrix Spike	0906927-01	206.74	309.98	101.01	mg/L		102		80 - 120	
		Matrix Spike Duplicate	0906927-01	206.74	309.36	101.01	mg/L	0	102	10	80 - 120	
Dissolved Oxygen	BSE1813	Duplicate	0906986-01	2.6000	2.6000		mg O/L	0		10		
Dissolved Oxygen	BSE1814	Duplicate	0906998-07	8.6000	8.7000		mg O/L	1.2		10		
Non-Volatile Organic Carbon	BSF0052	Duplicate	0906977-01	0.71100	0.68400		mg/L	3.9		10		
		Matrix Spike	0906977-01	0.71100	5.8724	5.0251	mg/L		103		80 - 120	
		Matrix Spike Duplicate	0906977-01	0.71100	5.8211	5.0251	mg/L	1.0	102	10	80 - 120	
Electrical Conductivity @ 25 C	BSF0068	Duplicate	0906997-01	797.50	799.00		umhos/cm	0.2		10		
Non-Volatile Organic Carbon	BSF0258	Duplicate	0906998-02	9.8600	9.8150		mg/L	0.5		10		
		Matrix Spike	0906998-02	9.8600	35.965	25.126	mg/L		104		80 - 120	
		Matrix Spike Duplicate	0906998-02	9.8600	36.005	25.126	mg/L	0	104	10	80 - 120	

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Project: 0843
Project Number: 4511010865
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Reported: 07/06/2009 9:26

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Hexavalent Chromium	BSF0014	Duplicate	0906998-02	1.9140	ND		ug/L			10		
		Matrix Spike	0906998-02	1.9140	55.758	52.632	ug/L		102		85 - 115	
		Matrix Spike Duplicate	0906998-02	1.9140	55.627	52.632	ug/L	0	102	10	85 - 115	
Total Recoverable Manganese	BSF0125	Duplicate	0906926-01	1964.7	1979.7		ug/L	0.8		20		
		Matrix Spike	0906926-01	1964.7	1997.8	100.00	ug/L		33.1		70 - 130	A03
		Matrix Spike Duplicate	0906926-01	1964.7	1980.7	100.00	ug/L	69.7	16.0	20	70 - 130	A03,Q02
Total Chromium	BSF0194	Duplicate	0906997-01RE1	28.260	29.496		ug/L	4.3		20		
		Matrix Spike	0906997-01RE1	28.260	239.06	200.00	ug/L		105		75 - 125	
		Matrix Spike Duplicate	0906997-01RE1	28.260	241.79	200.00	ug/L	1.9	107	20	75 - 125	
Manganese	BSF0626	Duplicate	0907034-01	439.30	442.75		ug/L	0.8		20		
		Matrix Spike	0907034-01	439.30	521.89	102.04	ug/L		80.9		70 - 130	
		Matrix Spike Duplicate	0907034-01	439.30	538.70	102.04	ug/L	18.5	97.4	20	70 - 130	

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21 Technology Drive
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Project: 0843
Project Number: 4511010865
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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BSF0388	BSF0388-BS1	LCS	22.580	25.000	0.50	ug/L	90.3		70 - 130		
Toluene	BSF0388	BSF0388-BS1	LCS	24.090	25.000	0.50	ug/L	96.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSF0388	BSF0388-BS1	LCS	10.270	10.000		ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BSF0388	BSF0388-BS1	LCS	9.9300	10.000		ug/L	99.3		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSF0388	BSF0388-BS1	LCS	10.030	10.000		ug/L	100		86 - 115		
Benzene	BSF0397	BSF0397-BS1	LCS	21.830	25.000	0.50	ug/L	87.3		70 - 130		
Toluene	BSF0397	BSF0397-BS1	LCS	23.700	25.000	0.50	ug/L	94.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSF0397	BSF0397-BS1	LCS	9.6000	10.000		ug/L	96.0		76 - 114		
Toluene-d8 (Surrogate)	BSF0397	BSF0397-BS1	LCS	9.9100	10.000		ug/L	99.1		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSF0397	BSF0397-BS1	LCS	9.9800	10.000		ug/L	99.8		86 - 115		
Benzene	BSF0483	BSF0483-BS1	LCS	22.800	25.000	0.50	ug/L	91.2		70 - 130		
Toluene	BSF0483	BSF0483-BS1	LCS	24.280	25.000	0.50	ug/L	97.1		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSF0483	BSF0483-BS1	LCS	10.010	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BSF0483	BSF0483-BS1	LCS	9.9400	10.000		ug/L	99.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSF0483	BSF0483-BS1	LCS	9.6300	10.000		ug/L	96.3		86 - 115		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Iron (II) Species	BSE1750	BSE1750-BS1	LCS	2045.7	2000.0	100	ug/L	102		90 - 110		
Nitrate as NO3	BSE1782	BSE1782-BS1	LCS	22.400	22.134	0.44	mg/L	101		90 - 110		
Sulfate	BSE1782	BSE1782-BS1	LCS	100.24	100.00	1.0	mg/L	100		90 - 110		
Non-Volatile Organic Carbon	BSF0052	BSF0052-BS1	LCS	5.1840	5.0000	0.30	mg/L	104		85 - 115		
Electrical Conductivity @ 25 C	BSF0068	BSF0068-BS1	LCS	296.50	303.00	1.00	umhos/cm	97.9		90 - 110		
Non-Volatile Organic Carbon	BSF0258	BSF0258-BS1	LCS	5.1580	5.0000	0.30	mg/L	103		85 - 115		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Hexavalent Chromium	BSF0014	BSF0014-BS1	LCS	50.208	50.000	2.0	ug/L	100		85 - 115		
Total Recoverable Manganese	BSF0125	BSF0125-BS2	LCS	102.89	100.00	1.0	ug/L	103		85 - 115		
Total Chromium	BSF0194	BSF0194-BS1	LCS	202.91	200.00	10	ug/L	101		85 - 115		
Manganese	BSF0626	BSF0626-BS1	LCS	87.447	100.00	1.0	ug/L	87.4		85 - 115		

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Project: 0843
Project Number: 4511010865
Project Manager: Anju Farfan

Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Toluene	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Total Xylenes	BSF0388	BSF0388-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSF0388	BSF0388-BLK1	ND	ug/L	10		
Diisopropyl ether	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Ethanol	BSF0388	BSF0388-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSF0388	BSF0388-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSF0388	BSF0388-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSF0388	BSF0388-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSF0388	BSF0388-BLK1	97.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSF0388	BSF0388-BLK1	100	%	86 - 115 (LCL - UCL)		
Benzene	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Toluene	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Total Xylenes	BSF0397	BSF0397-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		

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Project: 0843
Project Number: 4511010865
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Reported: 07/06/2009 9:26

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BSF0397	BSF0397-BLK1	ND	ug/L	10		
Diisopropyl ether	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Ethanol	BSF0397	BSF0397-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSF0397	BSF0397-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSF0397	BSF0397-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSF0397	BSF0397-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSF0397	BSF0397-BLK1	99.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSF0397	BSF0397-BLK1	96.9	%	86 - 115 (LCL - UCL)		
Benzene	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Toluene	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Total Xylenes	BSF0483	BSF0483-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSF0483	BSF0483-BLK1	ND	ug/L	10		
Diisopropyl ether	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Ethanol	BSF0483	BSF0483-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSF0483	BSF0483-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSF0483	BSF0483-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSF0483	BSF0483-BLK1	104	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSF0483	BSF0483-BLK1	98.3	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSF0483	BSF0483-BLK1	96.7	%	86 - 115 (LCL - UCL)		

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Project: 0843
Project Number: 4511010865
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Reported: 07/06/2009 9:26

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Iron (II) Species	BSE1750	BSE1750-BLK1	ND	ug/L	100		
Nitrate as NO3	BSE1782	BSE1782-BLK1	ND	mg/L	0.44		
Sulfate	BSE1782	BSE1782-BLK1	ND	mg/L	1.0		
Non-Volatile Organic Carbon	BSF0052	BSF0052-BLK1	ND	mg/L	0.30		
Non-Volatile Organic Carbon	BSF0258	BSF0258-BLK1	ND	mg/L	0.30		

TRC 21 Technology Drive Irvine, CA 92618	Project: 0843 Project Number: 4511010865 Project Manager: Anju Farfan	**Reported:** 07/06/2009 9:26

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Hexavalent Chromium	BSF0014	BSF0014-BLK1	ND	ug/L	2.0		
Total Recoverable Manganese	BSF0125	BSF0125-BLK2	ND	ug/L	1.0		
Total Chromium	BSF0194	BSF0194-BLK1	ND	ug/L	10		
Manganese	BSF0626	BSF0626-BLK1	ND	ug/L	1.0		

TRC 21 Technology Drive Irvine, CA 92618	Project: 0843 Project Number: 4511010865 Project Manager: Anju Farfan	**Reported:** 07/06/2009 9:26

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A03	The sample concentration is more than 4 times the spike level.
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.
Q02	Matrix spike precision is not within the control limits.
S05	The sample holding time was exceeded.

BC LABORATORIES, INC.

June 12, 2009

TRC
21 Technology Drive
Irvine, CA 92618
Attn: Anju Farfan
RE: 09-06998

BC Lab#	Client ID	Sample Date	Sample Time
09-06998-02	MW-8	05/28/09	07:38
09-06998-07	MW-1	05/28/09	07:37
09-06998-08	MW-10	05/28/09	08:55

Attached are analytical results analyzed by Zalco Laboratories, Inc.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Friday, June 05, 2009

Molly Meyers
BC Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

TEL: (661) 327-4911
FAX (661) 327-1918

RE: 0906998

Order No : 0906003

Dear Molly Meyers:

Zalco Laboratories, Inc. received 3 sample(s) on 6/1/2009 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results

Sincerely,

Authorized Signature
Zalco Laboratories, Inc.
(661) 395-0539

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	6/5/2009
Lab Order:	0906003	**Lab ID:**	0906003-001A
Project:	0906998	**Collection Date:**	5/28/2009 7:38:00 AM
Client Sample ID:	0906998-02	**Matrix:**	AQUEOUS
Report Comment:			

Analyses	Method	Result	Units	Date Analyzed	Qual
OXIDATION REDUCTION POTENTIAL BY ASTM D1498					
Oxidation Reduction Potential	D1498	124	mv	6/1/2009	

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	6/5/2009
Lab Order:	0906003	**Lab ID:**	0906003-002A
Project:	0906998	**Collection Date:**	5/28/2009 7:37:00 AM
Client Sample ID:	0906998-07	**Matrix:**	AQUEOUS
Report Comment:			

Analyses	Method	Result	Units	Date Analyzed	Qual
OXIDATION REDUCTION POTENTIAL BY ASTM D1498					
Oxidation Reduction Potential	D1498	130	mv	6/1/2009	

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	6/5/2009
Lab Order:	0906003	**Lab ID:**	0906003-003A
Project:	0906998	**Collection Date:**	5/28/2009 8:55:00 AM
Client Sample ID:	0906998-08	**Matrix:**	AQUEOUS
Report Comment:			

Analyses	Method	Result	Units	Date Analyzed	Qual
OXIDATION REDUCTION POTENTIAL BY ASTM D1498					
Oxidation Reduction Potential	D1498	139	mv	6/1/2009	

Qualifiers / Abbreviations:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	DLR: Detection Limit for Reporting
	H - Hold Time Exceeded	NSS - Non-Sufficient Sample Amount

SUBCONTRACT ORDER

BC Laboratories

0906998

0906003

SENDING LABORATORY:

BC Laboratories
4100 Atlas Ct
Bakersfield, CA 93308
Phone: 661-327-4911
Fax: 661-327-1918
Project Manager: Molly Meyers

RECEIVING LABORATORY:

Zalco Laboratories $ZLCLB
4309 Armour
Bakersfield, CA 93308
Phone :395-0539
Fax: 395-3069

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 0906998-02 F	**Water**	**Sampled:05/28/09 07:38**	[redacted]	8.1
1 oiA-D1498w ORP ZLCLB	06/11/09 17:00	05/27/10 07:38		
Containers Supplied (1) Qt Amb				
Sample ID: 0906998-07	**Water**	**Sampled:05/28/09 07:37**	[redacted]	
2 oiA-D1498w ORP ZLCLB	06/11/09 17:00	05/27/10 07:37		
Containers Supplied. Qt Amb				
Sample ID: 0906998-08	**Water**	**Sampled:05/28/09 08:55**	[redacted]	
3 oiA-D1498w ORP ZLCLB	06/11/09 17:00	05/27/10 08:55		
Containers Supplied Qt Amb				

Released By	Date	Received By	Date
Natany [signature]	~~5/29/09~~ 6/1/09	[signature]	6-1-09 0940
[signature]	6-1-09 0950	Jessica R[signature]	6/1/09 9:50

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

Submission #: 09-0Q998

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: .98 Container: PIA Thermometer ID: TH163

Temperature: A 1.4 °C / C 1.1 °C

2150 Date/Time 05-28-09

Analyst Init MM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON		B				B	B			
PT TOX						JNW 5/28/09				
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	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										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

CHK BY MM

DISTRIBUTION WHITE YELLOW SUB-OUT

SHORT HOLDING TIME
O&G-6 NO2 NO3 OP SS
DO BOD MBAS C O T

Comments:

Sample Numbering Completed By: JNW Date/Time: 5/28/09 2310

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 3

Submission #: 09-0a0998

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

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: .98 Container: QTPE Thermometer ID: TH163

Temperature: A 11.1 °C / C 8.8 °C

2150 Date/Time 05-28-09

Analyst Init KLm

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL		D				E	E	E		
PT PE UNPRESERVED						*				
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS		C				D	D	D		
PT CYANIDE						*				
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON						BC	BC	BC		
PT TOX						JNW 5/28/09	X			
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			*	FG	FG	FG		
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON		G				H	H	H		
ENCORE						*				

Comments:

Sample Numbering Completed By: JNW Date/Time: 5/28/09 2310

A = Actual / C = Corrected

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

Submission #: 09-06498

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: .98 Container: P1A Thermometer ID: TH163

Temperature: A 1.4 °C / C 1.1 °C

2150 Date/Time 05-28-09

Analyst Init MZm

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 13	A 13	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: JSW Date/Time: 5/28/09 2310

A = Actual / C = Corrected

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

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-060998

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#:** 0893
	Workorder # 02807-451/010865
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** ANDREW VIDNERS

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	[illegible] Total Manganese by 200.8	[illegible] Total Chrom by 6010	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B, EDB/EDC by 8260B	TPH -G by GC/MS	Sulfate by 300.0, Nitrate by 300.0	Dissolved manganese by 200.8, Chrom VI by 7196	DO by SM 4500-O, Specific Conductance 120.1	Turnaround Time Requested
-1		MW-9	5/28/09 0935	GW					X	X	X				STD
-2		MW-8	0738			X	X					X	X	X	
-3		MW-3	0804												
-4		MW-4	0830												
-5		MW-5	0850												
-6		MW-6	0910												
-7		MW-1	0737			X	X					X	X	X	
-8		MW-10	0855			X	X					X	X	X	

Comments:

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by:	Date & Time
	Ross Duckley	5/28/09 1412
Relinquished by: (Signature) Ross Duckley 5/28/09	Received by:	Date & Time
		5-28-09 1825
Relinquished by: (Signature) 5-28-09 2140	Received by:	Date & Time
		5-28-09 2141

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-00998

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 1629 Webster st.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Alameda	**4-digit site#:** 0843
	Workorder # 02807-45|1|0865
State: CA **Zip:**	**Project #:** 163521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Andrew Vidrios

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	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	Ferrous Iron by SM 3500FE+D	TOC by 415.1	ORP by ASTM D1498	Turnaround Time Requested
-2		MW-8	5/28/09 0738	GW								X	X	X	STD
-7		MW-1	0737	↓								↓	↓	↓	↓
-8		MW-10	↓ 0855	↓								↓	↓	↓	↓

Comments:

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by:	Date & Time
	Ross Dickey	5/28/09 1412
Relinquished by: (Signature) Ross Dickey 5/28/09	Received by:	Date & Time
	R Reynolds	5-28-09 1825
Relinquished by: (Signature) R Reynolds 5-28-09 2140	Received by:	Date & Time
		5-28-09 2141

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-009998

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 1629 Webster Rd	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Alameda	**4-digit site#:** 0843
	Workorder # 02807-45|1010865
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Ricky H

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	EDB/EDC by 8260B			Turnaround Time Requested
-9		mw-1AR	05/28/09 0818	GW					X	X	X	X			STD
-10		mw-1BR	0825												
-11		mw-11	0915												
-12		mw-7	0956												

Comments:

GLOBAL ID: T0600102263

Relinquished by: (Signature)	Received by: Ross Dickey	Date & Time 5/28/09 1412
Relinquished by: (Signature) 5/28/09	Received by: R Reynolds	Date & Time 5-28-09 1825
Relinquished by: (Signature) R Reynolds 5-28-09 2140	Received by:	Date & Time 5-28-09 2141

STATEMENTS

Purge Water Disposal

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

Limitations

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