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Alameda County  
Environmental Health



76 Broadway  
Sacramento, California 95818

March 16, 2010

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

Re: ***Quarterly Summary Report—First Quarter 2010***  
**76 Service Station # 1156**  
**4276 MacAuthur Blvd**  
**Oakland, CA**

Dear Mr. Wickham:

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Terry L. Grayson". The signature is fluid and cursive, with a large loop at the end.

Terry L. Grayson  
Site Manager  
Risk Management & Remediation

March 16, 2010

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

**Re: Semi-Annual Summary Report – Fourth Quarter  
2009 through First Quarter 2010**

Fuel leak Case No. RO0000409



Dear Mr. Wickham:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the Semi-Annual Summary Report - First Quarter 2010 and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report, October 2009 through March 2010*, dated March 5, 2010, for the following location:

**Service Station**

76 Service Station No. 1156

**Location**

4276 MacArthur Boulevard  
Oakland, California

Sincerely,  
**DELTA CONSULTANTS**

A handwritten signature in blue ink that reads "James B. Barnard".

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



cc: Mr. Terry Grayson, ConocoPhillips (electronic copy)  
Mr. Bob Hale, Alameda County Public Works Agency,  
Water Resources Section

**SEMI-ANNUAL SUMMARY REPORT**  
**Fourth Quarter 2009 and First Quarter 2010**  
**76 Service Station No. 1156**  
**4276 MacArthur Boulevard**  
**Oakland, California**

## **SITE DESCRIPTION**

The site is located at the northeast corner of MacArthur Boulevard and High Street in Oakland, California. Two 12,000-gallon gasoline underground storage tanks (USTs) are located in the southwestern portion of the site and two dispenser islands are located at the site, one to the northwest and one to the east of the USTs. A station building is located in the northern portion of the site. There are currently eight groundwater monitoring wells (MW-1 through MW-8) and one tank backfill well (TP-1) located at and in the vicinity of the site. Properties in the immediate vicinity of the site are utilized for commercial and residential purposes.

## **PREVIOUS ASSESSMENT**

In 1997, Pacific Environmental Group Inc. (PEG) advanced 5 soil/gas probes in the vicinity of the USTs, dispenser islands, and product lines to depths ranging from 3 to 15 feet below the ground surface (bgs). Elevated soil vapor concentrations of total petroleum hydrocarbons as gasoline (TPHg), benzene, and methyl tertiary butyl ether (MTBE) were reported at concentrations up to 4,700, 70, and 140 micrograms per liter ( $\mu\text{g/L}$ ), respectively.

In 1998, Tosco Marketing Company (Tosco) removed one 280-gallon used-oil UST, and removed and replaced two 10,000-gallon gasoline USTs, associated piping, and fuel dispensers. The new USTs were installed in a separate excavation. Total petroleum hydrocarbons as diesel (TPHd), TPHg, benzene, and total purgeable petroleum hydrocarbons (TPPH) were reported in the soil sample collected from the used-oil UST excavation at concentrations of 78,000 milligrams per kilogram (mg/kg), 130 mg/kg, 0.55 mg/kg, and 8,400 mg/kg, respectively. Following the over-excavation of approximately 4.6 tons of soil from the used-oil UST excavation, concentrations of TPHd, TPHg, benzene, and TPPH were reported in soil samples collected from the used-oil UST excavation at concentrations up to 560, 81, 0.64, and 360 mg/kg, respectively. TPHg and benzene were reported in the soil samples collected from the gasoline UST excavation, dispenser islands, and product lines at concentrations up to 1,200 mg/kg and 1.6 mg/kg, respectively. Analytical data from a groundwater sample collected from the gasoline UST excavation indicated that TPHg and MTBE were present at concentrations of 41,000  $\mu\text{g/L}$  and 1,800  $\mu\text{g/L}$ , respectively. Benzene was reported to be below the laboratory's indicated reporting limit in the groundwater sample collected for analysis.

In 1999, Environmental Resolutions Inc. (ERI) conducted a soil and groundwater assessment which included the installation of four on-site groundwater monitoring wells (MW-1 through MW-4). Analytical data from the soil samples collected from the borings at a depth of 10.5 feet bgs indicated TPHg, benzene, and MTBE were present at concentrations up to 6,800 mg/kg, 2.6 mg/kg, and 0.71 mg/kg, respectively. The soil sample from MW-1, near the former used-oil UST, was also analyzed for TPHd and TPPH. Analytical data from this soil sample indicated TPHd and TRPH were present at concentrations of 140 mg/kg and 73 mg/kg, respectively.

Analytical data from an additional soil sample collected at a depth of 20.5 feet bgs from the MW-4 boring indicated that TPHg, benzene, and MTBE were not present above the laboratory's indicated reporting limits. Quarterly groundwater monitoring and sampling activities commenced in July 1999 and are currently ongoing.

In July 2001, ERI installed a UST pit backfill well (TP-1) and initiated monthly purging of groundwater from the UST excavation. Bi-weekly groundwater purging was conducted at the site using wells TP-1 and MW-1 from July 2001 through December 2004.

In August 2001, ERI installed three off-site monitoring wells (MW-5 through MW-7). Analytical data from soil samples collected from these well borings indicated TPHg and MTBE were not present above the laboratory's indicated reporting limits. Analytical data indicated benzene was present in one soil sample collected from MW-7 at a concentration of 0.18 mg/kg.

In addition, during June 2004, the biweekly purging events included monitor well MW-7. Approximately 1,600 gallons of groundwater were removed from monitoring well MW-7 with a cumulative total of approximately 476,015 gallons removed from the site through December 2004.

ATC Associates became the new lead consultant for the site in January 2005.

Delta Consultants became the new consultant for the site in September 2005.

In October 2007, Delta advanced six soil borings on-site and installed an additional monitoring well, off-site, down-gradient of the former waste-oil tank location. The details of this investigation were presented in Delta's *Site Investigation Report*, dated December 28, 2007.

During the third quarter 2009, a semi-annual monitoring and sampling program was inducted for all groundwater monitoring wells in the network.

## **SENSITIVE RECEPTORS**

2001 – A GeoTracker database search was conducted which indicated that four public water supply wells owned by the East Bay Regional Park District (Park District) are present within one-half mile of the site. Representatives from the Park District reported having no knowledge or records of any wells located in this area and indicated that the wells may have belonged to the East Bay Municipal Utility District (EBMUD); however EBMUD also reported no knowledge or records of any wells located in this area.

2001 – A Department of Water Resources (DWR) database search was conducted which indicated four water supply wells belonging to Mills College were present within the one-half mile search area. A representative from Mills College indicated that all wells associated with Mills College had been destroyed and Mills College was now connected to a municipal water supply. The DWR search also indicated a well was located at 3397 Arkansas Street, approximately 880 feet outside of the search area. No other wells,

surface water bodies, or potentially sensitive environmental habitats were identified during ERI's field receptor search.

2006 – A survey entailing a visit to the DWR office in Sacramento was conducted to examine well log records and identify domestic wells within the survey area. The DWR survey provided two potential receptors within one mile of the site; one irrigation well located 0.9 miles northwest of the site and one domestic/irrigation well located 1.0 mile northeast of the site. Two additional potential receptors were identified, although the specific addresses could not be verified.

## **MONITORING AND SAMPLING**

As of the third quarter 2009, the monitoring well network is currently sampled on a semi-annual basis during the first and third quarters. However, a sampling event was conducted during the second quarter 2009. Groundwater samples are collected from monitoring wells MW-1 through MW-8 and analyzed for TPHd by Environmental Protection Agency (EPA) Method 8015M, TPHg by EPA Method 8015M, BTEX by EPA Method 8021, MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), Tertiary butyl ether (TBA), 1,2-dichloroethane (1,2-DCA), ethylene di-bromide (EDB), and ethanol - (8 oxygenates) by EPA Method 8260. Groundwater samples are additionally collected from monitoring well MW-1 and analyzed for volatile organic compounds (VOCs) by EPA Method 8260, and semi-volatile organic compounds (SVOCs) by EPA Method 8270C.

TRC has been contracted to perform the monitoring and sampling at the site. A copy of TRC's *Semi-Annual Monitoring Report - October 2009 through March 2010*, dated March 5 2010, has been forwarded with this report. Analytical data and groundwater elevation data from the neighboring Former Shell service station is also included in the attached TRC report.

During the most recent groundwater monitoring event, conducted on February 1, 2010, the depth to groundwater ranged from 0.65 feet (MW-8) to 6.42 feet (MW-4) below top of casing (TOC). The groundwater flow direction and gradient was interpreted to be to the west at 0.07 foot per foot (ft/ft). During the previous sampling event (July 23, 2009), groundwater flow direction and gradient was interpreted to be to the southwest at a gradient of 0.06 foot per foot (ft/ft). Historic groundwater flow directions are shown on a rose diagram presented as Attachment A.

### **Contaminants of Concern:**

**TPHg:** TPHg was above the laboratory's indicated reporting limits in six of the seven wells sampled, at a maximum concentration of 74,000 µg/L, in monitoring well MW-1. This is a decrease from the previous maximum concentration reported in the same well (85,000 µg/L) during the previous, July 23<sup>rd</sup> sampling event, but consistent with historical concentrations.

**Benzene:** Benzene was reported above the laboratory's indicated reporting limits in five of the seven wells sampled, at a maximum concentration of 7,000 µg/L in monitoring well MW-1. This is an increase from the previous maximum concentration reported in the same well (5,800 µg/L) during the previous, July 23<sup>rd</sup> sampling event.

**MTBE:** MTBE was above the laboratory's indicated reporting limits in five of the seven wells sampled, at a maximum concentration of 720 µg/L in monitoring well MW-7. This is a decrease from the previous maximum concentration reported in the same well (900 µg/L) during the previous, July 23<sup>rd</sup> sampling event.

Additionally, toluene was above the laboratory's indicated reporting limits in five of the groundwater samples collected and submitted for analysis. Reported concentrations ranged from 3.1 µg/L (MW4), to 11,000 µg/L, (MW-1). Ethyl-benzene was above the laboratory's indicated reporting limits in five of the groundwater samples collected and submitted for analysis. Reported concentrations ranged from 1.2 µg/L (MW-7), to 3,100 µg/L (MW-1). Total xylenes were above the laboratory's indicated reporting limits in five of the groundwater samples collected and submitted for analysis. Reported concentrations ranged from 2.0 µg/L (MW-7) to 10,000 µg/L (MW-1). TPHd was above the laboratory's indicated reporting limit in five of the groundwater samples collected and submitted for analysis. Reported concentrations ranged from 53 µg/L (MW-7), to 3,900 µg/L (MW-1).

## **REMEDIATION STATUS**

No active remediation is presently ongoing at this site.

Approximately 1,350 tons of soil and backfill were removed during the 1998 UST removal. As of December 23, 2004, approximately 476,015 gallons of groundwater were pumped from the site during bi-weekly groundwater extraction from wells MW-1, MW-7, and TP-1. The groundwater extraction program was discontinued in December 2004.

## **CHARACTERIZATION STATUS**

A former Shell service station down-gradient from the site currently has elevated petroleum hydrocarbons present in groundwater as evidenced in samples collected from on-site monitor wells (27,000 µg/L total purgeable petroleum hydrocarbons (TPPH), 3,000 µg/L benzene, and 1,400 µg/L MTBE in groundwater samples from Shell monitor well MW-3).

## **RECENT CORRESPONDENCE**

In a letter dated January 21, 2009, the Alameda County Environmental Health Care Services (ACEHD) rejected Delta's proposal to proceed with a pilot test of ozone/oxygen injection at the site. The *Work Plan- Additional Site Investigation*, dated December 15, 2008, had been the third document in succession (submitted by Delta) that has not be acceptable for implementation at this site. As such, ACEHD advised that a Revised Work Plan would be required by the given March 23, 2009 deadline. The revised workplan was submitted by Delta to the ACEH on March 19, 2009 under a separate cover and approved May 1, 2009.

In June of 2009, Delta completed Site Assessment activities, as proposed in the March 2009 (revised) Site Assessment Workplan. Assessment activities were summarized in the September 8, 2009 Site Investigation Report. In response to the report, ACEH

submitted a letter to COP, requesting additional investigation to further evaluate the vertical and horizontal extent of petroleum hydrocarbon impact on and off-site. In addition ACEH requested further confirmation of a black viscous product encountered during the June 2009 investigation.

**THIS QUARTER ACTIVITIES (First Quarter 2010)**

1. TRC conducted the quarterly monitoring and sampling event at the site.
2. Delta prepared and submitted the First Quarter 2010 Semi-Annual Summary Report.
3. Delta submitted a Workplan for Additional Site Assessment dated March 3, 2010.

**NEXT QUARTER ACTIVITIES (Second Quarter 2010)**

1. TRC will conduct the quarterly groundwater monitoring and sampling event at the site.
2. Delta will prepare and submit the second quarter 2010 quarterly summary report.
3. Delta to conduct Additional Site Assessment activities, pending approval from ACEH.

**CONSULTANT:** Delta Consultants

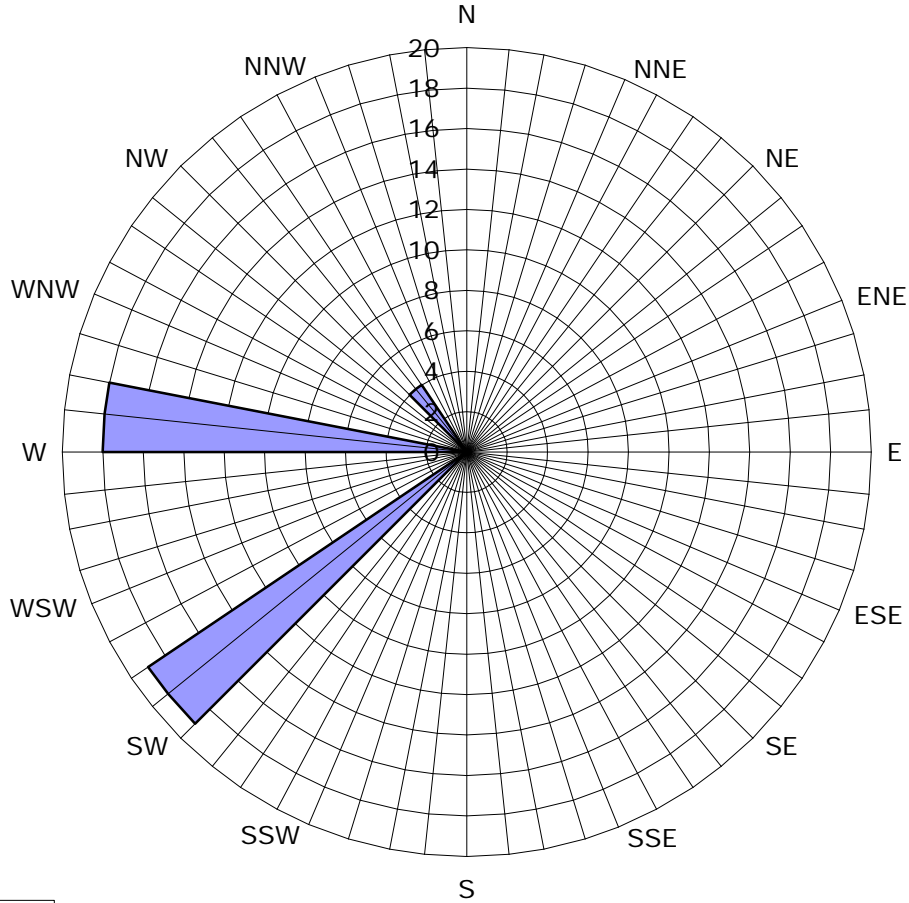
Attachment A – Historic Groundwater Flow Directions

Attachment B – Semi-Annual Monitoring Report – October 2009 through March 2010

**ATTACHMENT A**  
Historic Groundwater Flow Directions



**Historic Groundwater Flow Directions**  
**ConocoPhillips Site No. 1156**  
4276 MacArthur Boulevard  
Oakland, California



Legend  
Concentric circles represent quarterly monitoring events. Third Quarter 1999 through First Quarter 2010. 41 data points shown.

■ Groundwater Flow Direction

**ATTACHMENT B**

Semi-Annual Monitoring Report – October 2009 through March 2010



123 Technology Drive West  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

[www.TRCSolutions.com](http://www.TRCSolutions.com)

DATE: March 5, 2010

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

SITE: 76 STATION 1156  
4276 MACARTHUR BOULEVARD  
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT  
OCTOBER 2009 THROUGH MARCH 2010

Dear Mr. Grayson:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 1156, located at 4276 MacArthur Boulevard, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

A handwritten signature in black ink, appearing to read "Anju Parfan". The signature is written over a small "TRC" logo.

Anju Parfan  
Groundwater Program Operations Manager

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

Enclosures  
20-0400/1156R25.QMS

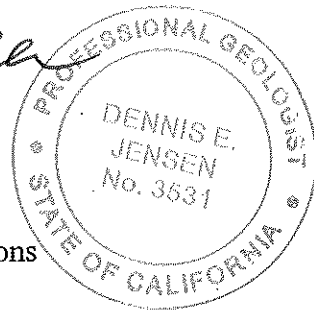
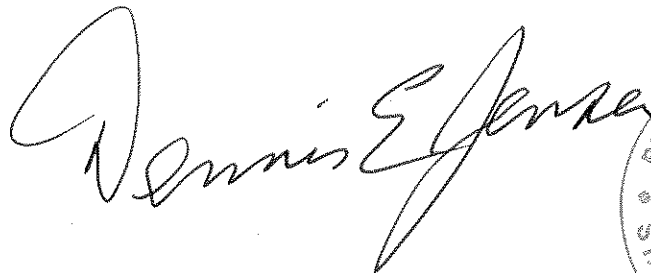
**SEMI-ANNUAL MONITORING REPORT  
OCTOBER 2009 THROUGH MARCH 2010**

76 STATION 1156  
4276 MacArthur Boulevard  
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 3/4/10



## LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results Table 2d: Additional Historic Analytical Results Table 2e: Additional Historic Analytical Results Table 2f: Additional Historic Analytical Results Table 2g: Additional Historic Analytical Results Table 2h: Additional Historic Analytical Results Table 2i: Additional Historic Analytical Results Table 2j: Additional Historic Analytical Results Table 2k: Additional Historic Analytical Results Table 2l: Additional Historic Analytical Results
Coordinated Event Data	<i>Former Shell Station</i> Well Concentrations
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 2/1/10 Groundwater Sampling Field Notes – 2/1/10 Statement of Non-Completion – 2/1/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**October 2009 through March 2010**  
**76 Station 1156**  
**4276 MacArthur Boulevard**  
**Oakland, CA**

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Project Coordinator: **Terry Grayson**  
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**  
Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **2/1/10**

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**Sample Points**

Groundwater wells: **4 onsite, 4 offsite**      Points gauged: **7**      Points sampled: **7**  
Purging method: **Submersible pump**  
Purge water disposal: **Crosby and Overton treatment facility**  
Other Sample Points: **0**      Type: **--**

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**Liquid Phase Hydrocarbons (LPH)**

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

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**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **0.65 feet**      Maximum: **6.42 feet**  
Average groundwater elevation (relative to available local datum): **169.69 feet**  
Average change in groundwater elevation since previous event: **0.76 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.07 ft/ft, west**  
    Previous event: **0.06 ft/ft, southwest (7/23/09)**

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**Selected Laboratory Results**

Sample Points with detected **Benzene**: **5**      Sample Points above MCL (1.0 µg/l): **5**  
    Maximum reported benzene concentration: **7,000 µg/l (MW-1)**

Sample Points with **TPH-G**      **6**      Maximum: **74,000 µg/l (MW-1)**  
Sample Points with **MTBE 8260B**      **5**      Maximum: **720 µg/l (MW-7)**

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**Notes:**

MW-6=Paved over

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

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

### ANALYTES

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

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as:  $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$ , where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Prior to the 1st quarter 2010, the word "monitor" was used in table comments interchangeably with the word "gauge". Starting in the 1<sup>st</sup> quarter 2010, the word "monitor" is used to include both "gauge" and "sample".

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 1156 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.



# Contents of Tables 1 and 2

## Site: 76 Station 1156

### Current Event

<b>Table 1</b>	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)
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<b>Table 1a</b>	Well/ Date	TPH-D	Total Oil and Grease	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP
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### Historic Data

<b>Table 2</b>	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)
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<b>Table 2a</b>	Well/ Date	TPH-D	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph- thylene	Bromo- dichloro- methane
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<b>Table 2b</b>	Well/ Date	Bromo- form	Bromo- methane	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane	Chloroform	Chloro- methane	Dibromo- chloro- methane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane
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<b>Table 2c</b>	Well/ Date	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2- Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	Hexa- chloro- butadiene	Methylene chloride	Naph- thalene	n-Propyl- benzene	1,1,2,2- Tetrachloro- ethane
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<b>Table 2d</b>	Well/ Date	Tetrachloro- ethene (PCE)	Trichloro- trifluoro- ethane	1,2,4- Trichloro- benzene	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethene (TCE)	Trichloro- fluoro- methane	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl chloride	Acena- phthene	Acena- phthylene (svoc)
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<b>Table 2e</b>	Well/ Date	Anthra- cene	Benzo[a]- anthracene	Benzo[a]- pyrene	Benzo[b]- fluor- anthene	Benzo- [g,h,l]- perylene	Benzo[k]- fluor- anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro- ethoxy) methane	Bis(2-chloro- ethyl) ether	Bis(2-chloro- isopropyl)- ether	Bis(2-ethyl- hexyl) phthalate
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<b>Table 2f</b>	Well/ Date	4-Bromo- pheny phenyl ether	Butyl- benzyl phthalate	4-Chloro- 3-methyl- phenol	4-Chloro- aniline	2-Chloro- naphtha- lene	2-Chloro- phenol	4-Chloro- phenyl ether	Chrysene	Dibenzo- [a,h]- anthracene	Dibenzo- furan	1,2-Dichloro- benzene (svoc)	1,3-Dichloro- benzene (svoc)
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<b>Table 2g</b>	Well/ Date	1,4-Dichloro- benzene (svoc)	3,3-Dichloro- benzidine	2,4-Dichloro- phenol	Diethyl phthalate	2,4-Dimethyl- phenol	Dimethyl phthalate	Di-n-butyl phthalate	2,4-Dinitro- phenol	2,4-Dinitro- toluene	2,6-Dinitro- toluene	Di-n-octyl phthalate	Fluoran- thene
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<b>Table 2h</b>	Well/ Date	Fluorene	Hexa- chloro- benzene	HCBD (svoc)	Hexachloro cyclopenta- diene	Hexachloro -ethane	Indeno- [1,2,3-c,d] pyrene	Isophorone	2-Methyl- 4,6-dinitro- phenol	2-Methyl- naphtha- lene	2-Methyl- phenol	4-Methyl- phenol	Naphtha- lene (svoc)
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**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1, 2010**  
**76 Station 1156**

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
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-1														
2/1/10	177.54	4.86	0.00	172.68	1.18	74000	--	7000	11000	3100	10000	--	ND<50	
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-2														
2/1/10	173.50	4.33	0.00	169.17	0.06	860	--	17	13	0.83	2.4	--	290	
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-3														
2/1/10	178.13	5.29	0.00	172.84	1.91	6500	--	180	92	300	250	--	97	
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-4														
2/1/10	178.96	6.42	0.00	172.54	-0.41	490	--	35	3.1	2.7	5.5	--	51	
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-5														
2/1/10	169.18	1.32	0.00	167.86	1.01	170	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	120	
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-6														
2/1/10	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
			<b>(Screen Interval in feet: 5.0-25.0)</b>											
MW-7														
2/1/10	171.64	6.21	0.00	165.43	1.11	1000	--	5.6	4.0	1.2	2.0	--	720	
			<b>(Screen Interval in feet: 15.0-25.0)</b>											
MW-8														
2/1/10	167.97	0.65	0.00	167.32	0.45	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	

**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	Total Oil and Grease (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
<b>MW-1</b> 2/1/10	3900	ND<5.0	0.81	1.18	-98	-108
<b>MW-2</b> 2/1/10	140	--	1.51	2.13	3	-14
<b>MW-3</b> 2/1/10	390	--	0.79	2.12	-63	-89
<b>MW-4</b> 2/1/10	80	--	0.90	1.67	-76	-70
<b>MW-5</b> 2/1/10	ND<50	--	1.84	1.82	21	23
<b>MW-7</b> 2/1/10	53	--	0.97	1.86	-33	-12
<b>MW-8</b> 2/1/10	ND<50	--	2.94	3.17	-17	-16

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-1 (Screen Interval in feet: 5.0-25.0)</b>														
7/20/99	174.86	7.50	0.00	167.36	--	120000	--	11000	27000	3300	18000	ND	--	
9/28/99	174.86	8.75	0.00	166.11	-1.25	6020	--	1030	1040	68.5	412	321	333	
1/7/00	174.86	9.05	0.02	165.82	-0.29	72700	--	7410	13900	2070	9620	ND	--	GWE corrected
3/31/00	174.86	7.18	0.00	167.68	1.86	92000	--	10000	23000	3200	14000	ND	--	
7/14/00	174.86	7.68	0.00	167.18	-0.50	108000	--	8250	18700	3750	17800	ND	--	
10/3/00	174.86	7.99	0.00	166.87	-0.31	96000	--	8760	20000	3350	15600	ND	--	
1/3/01	174.86	9.18	0.00	165.68	-1.19	37000	--	5800	13000	1700	8100	2200	--	
4/4/01	174.86	8.05	0.00	166.81	1.13	86900	--	7780	18500	2470	11800	ND	481	
7/17/01	174.86	7.01	0.00	167.85	1.04	79000	--	5600	11000	2800	12000	ND	230	
10/3/01	177.54	7.89	0.00	169.65	1.80	99000	--	8200	18000	3000	16000	ND<2500	--	
10/5/01	177.54	7.91	0.00	169.63	-0.02	--	--	--	--	--	--	--	--	
1/28/02	177.54	5.98	0.00	171.56	1.93	110000	--	8900	19000	2600	12000	3000	440	
4/25/02	177.54	6.19	0.00	171.35	-0.21	93000	--	8100	18000	3000	15000	810	670	
7/18/02	177.54	6.99	0.00	170.55	-0.80	69000	--	5400	10000	2100	10000	ND<500	620	
10/7/02	177.54	7.73	0.00	169.81	-0.74	82000	--	9200	20000	2600	13000	1300	760	
1/6/03	177.54	5.48	0.00	172.06	2.25	82000	--	6500	18000	2700	11000	ND<1000	790	
4/7/03	177.54	6.30	0.00	171.24	-0.82	74000	--	7000	15000	2400	11000	1000	800	
7/7/03	177.54	6.47	0.00	171.07	-0.17	60000	--	6400	11000	2600	11000	600	530	
10/9/03	177.54	7.85	0.00	169.69	-1.38	91000	81000	8100	17000	3200	14000	--	660	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	177.54	6.69	0.00	170.85	1.16	98000	--	8000	21000	2600	15000	ND<1300	ND<800	
4/28/04	177.54	6.43	0.00	171.11	0.26	93000	--	9000	20000	1300	10000	1400	560	
7/12/04	177.54	7.44	0.00	170.10	-1.01	57000	--	6900	7200	1600	580	490	440	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-1 continued</b>														
10/25/04	177.54	7.54	0.00	170.00	-0.10	66000	--	7300	19000	2700	14000	ND<1300	330	
1/17/05	177.54	5.79	0.00	171.75	1.75	86000	--	8600	21000	3200	15000	ND<1300	570	
4/6/05	177.54	4.93	0.00	172.61	0.86	85000	--	8400	20000	3200	16000	ND<1300	580	
7/8/05	177.54	5.35	0.00	172.19	-0.42	69000	--	7100	17000	2700	14000	ND<1300	290	
10/7/05	177.54	5.96	0.00	171.58	-0.61	68000	--	5900	8300	1800	8300	330	250	
1/27/06	177.54	5.08	0.00	172.46	0.88	94000	--	7400	19000	3700	14000	450	360	
4/28/06	177.54	4.85	0.00	172.69	0.23	74000	--	6400	13000	2300	10000	460	280	
7/28/06	177.54	5.32	0.00	172.22	-0.47	74000	--	6600	12000	3100	13000	330	220	
10/27/06	177.54	6.13	0.00	171.41	-0.81	100000	--	8300	20000	3600	16000	280	250	
1/10/07	177.54	5.47	0.00	172.07	0.66	84000	--	7100	15000	2600	13000	350	260	
4/13/07	177.54	5.60	0.00	171.94	-0.13	27000	--	5600	840	2300	3200	270	220	
7/19/07	177.54	5.69	0.00	171.85	-0.09	83000	--	6000	15000	2600	13000	1000	200	
10/8/07	177.54	--	--	--	--	--	--	--	--	--	--	--	--	Gate locked; no key available
1/9/08	177.54	5.15	0.00	172.39	--	40000	--	6000	4800	2600	5100	840	170	Gauged on 1/18/2008
4/4/08	177.54	5.25	0.00	172.29	-0.10	71000	--	6800	12000	3300	13000	--	160	
7/3/08	177.54	6.00	0.00	171.54	-0.75	92000	--	7000	16000	3500	15000	--	110	
10/3/08	177.54	7.16	0.00	170.38	-1.16	69000	--	7200	18000	3500	14000	--	180	
1/22/09	177.54	6.61	0.00	170.93	0.55	45000	--	410	720	2400	9600	--	160	
4/13/09	177.54	5.11	0.00	172.43	1.50	5400	--	300	640	300	940	--	150	
7/23/09	177.54	6.04	0.00	171.50	-0.93	85000	--	5800	15000	3500	13000	--	140	
2/1/10	177.54	4.86	0.00	172.68	1.18	74000	--	7000	11000	3100	10000	--	ND<50	
<b>MW-2 (Screen Interval in feet: 5.0-25.0)</b>														
7/20/99	173.01	5.40	--	167.61	--	ND	--	ND	ND	ND	ND	4500	11000	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-2 continued</b>														
9/28/99	173.01	5.60	0.00	167.41	-0.20	1390	--	124	ND	62.9	43.1	5280	6150	
1/7/00	173.01	5.92	0.00	167.09	-0.32	1450	--	99	ND	23.8	16	33100	--	
3/31/00	173.01	5.23	0.00	167.78	0.69	ND	--	42	ND	ND	ND	17000	--	
7/14/00	173.01	5.52	0.00	167.49	-0.29	ND	--	44.7	ND	ND	ND	66500	--	
10/3/00	173.01	6.04	0.00	166.97	-0.52	ND	--	56.7	ND	ND	ND	57500	--	
1/3/01	173.01	6.42	0.00	166.59	-0.38	ND	--	ND	ND	ND	ND	49000	--	
4/4/01	173.01	6.14	0.00	166.87	0.28	ND	--	ND	ND	ND	ND	38700	37800	
7/17/01	173.01	5.30	0.00	167.71	0.84	ND	--	ND	ND	ND	ND	65000	56000	
10/3/01	173.50	7.38	0.00	166.12	-1.59	ND<250	--	2.7	ND<2.5	ND<2.5	ND<2.5	14000	18000	
1/28/02	173.50	5.68	0.00	167.82	1.70	ND<250	--	2.5	4.4	2.8	7.4	11000	10000	
4/25/02	173.50	5.82	0.00	167.68	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8400	8100	
7/18/02	173.50	6.90	0.00	166.60	-1.08	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4300	8800	
10/7/02	173.50	7.54	0.00	165.96	-0.64	4300	--	ND<10	27	21	75	7100	5900	
1/6/03	173.50	6.79	0.00	166.71	0.75	5900	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	31000	35000	
4/7/03	173.50	6.49	0.00	167.01	0.30	1500	--	ND<10	14	11	38	2000	1500	
7/7/03	173.50	6.72	0.00	166.78	-0.23	ND<2500	--	ND<25	ND<25	ND<25	ND<25	5500	8300	
10/9/03	173.50	7.16	0.00	166.34	-0.44	3500	ND<5000	ND<50	ND<50	ND<50	ND<100	--	8500	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	173.50	5.53	0.00	167.97	1.63	3200	--	ND<25	ND<25	ND<25	ND<25	2600	3200	
4/28/04	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	
7/12/04	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
10/25/04	173.50	6.89	0.00	166.61	-1.06	3400	--	ND<25	ND<25	ND<25	ND<25	1800	1600	
1/17/05	173.50	5.70	0.00	167.80	1.19	1700	--	ND<10	ND<10	ND<10	ND<10	1600	1500	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-2 continued</b>														
4/6/05	173.50	4.50	0.00	169.00	1.20	3000	--	ND<20	ND<20	ND<20	ND<20	2500	3200	
7/8/05	173.50	4.69	0.00	168.81	-0.19	ND<2000	--	ND<20	ND<20	ND<20	ND<20	2900	3100	
10/7/05	173.50	4.61	0.00	168.89	0.08	7500	--	6.7	6.6	ND<3.0	ND<6.0	5900	5200	
1/27/06	173.50	4.10	0.00	169.40	0.51	2500	--	1.0	2.6	ND<0.30	ND<0.60	2600	2800	
4/28/06	173.50	3.75	0.00	169.75	0.35	3100	--	9.4	3.6	0.94	3.4	3700	3600	
7/28/06	173.50	4.34	0.00	169.16	-0.59	3000	--	2.0	ND<1.5	ND<1.5	ND<3.0	3000	2900	
10/27/06	173.50	5.62	0.00	167.88	-1.28	1800	--	1.5	ND<1.5	ND<1.5	ND<3.0	1600	1300	
1/10/07	173.50	4.02	0.00	169.48	1.60	2100	--	1.1	ND<0.60	ND<0.60	ND<1.2	2300	2000	
4/13/07	173.50	4.03	0.00	169.47	-0.01	3300	--	12	1.6	0.46	1.1	3600	3200	
7/19/07	173.50	4.41	0.00	169.09	-0.38	2500	--	21	0.64	5.1	1.5	2000	2000	
10/8/07	173.50	4.93	0.00	168.57	-0.52	3400	--	38	1.6	13	2.1	5000	4000	
1/9/08	173.50	3.03	0.00	170.47	1.90	1700	--	6.2	2.5	0.61	0.91	2100	2200	Gauged on 1/18/2008
4/4/08	173.50	3.52	0.00	169.98	-0.49	1400	--	15	2.1	0.76	ND<0.60	--	2100	
7/3/08	173.50	4.70	0.00	168.80	-1.18	1100	--	14	1.1	2.0	1.2	--	1400	
10/3/08	173.50	5.57	0.00	167.93	-0.87	740	--	14	ND<0.30	4.5	6.9	--	750	
1/22/09	173.50	5.03	0.00	168.47	0.54	640	--	4.6	ND<0.30	ND<0.30	ND<0.60	--	850	
4/13/09	173.50	3.73	0.00	169.77	1.30	940	--	7.1	ND<0.30	ND<0.30	ND<0.60	--	990	
7/23/09	173.50	4.39	0.00	169.11	-0.66	700	--	12	6.0	5.4	13	--	390	
2/1/10	173.50	4.33	0.00	169.17	0.06	860	--	17	13	0.83	2.4	--	290	
<b>MW-3 (Screen Interval in feet: 5.0-25.0)</b>														
7/20/99	178.44	8.50	--	169.94	--	1000	--	76	52	79	76	330	--	
9/28/99	178.44	8.31	0.00	170.13	0.19	1860	--	174	95.4	71.8	135	443	288	
1/7/00	178.44	8.56	0.00	169.88	-0.25	28400	--	2450	3090	1560	3910	1940	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-3 continued</b>														
3/31/00	178.44	8.42	0.00	170.02	0.14	26000	--	1300	2900	2600	3500	2800	--	
7/14/00	178.44	8.61	0.00	169.83	-0.19	24500	--	1850	2630	2750	3900	548	--	
10/3/00	178.44	9.14	0.00	169.30	-0.53	22000	--	1910	2020	2400	2680	965	--	
1/3/01	178.44	9.06	0.00	169.38	0.08	14000	--	1600	1100	2300	1400	3300	--	
4/4/01	178.44	8.98	0.00	169.46	0.08	19600	--	1150	1470	2100	1820	1050	450	
7/17/01	178.44	7.46	0.00	170.98	1.52	26000	--	1500	2100	2100	3400	ND	350	
10/3/01	178.13	9.81	0.00	168.32	-2.66	22000	--	830	1900	1700	3000	ND<1000	--	
1/28/02	178.13	7.39	0.00	170.74	2.42	30000	--	880	2600	1800	4300	3200	210	
4/25/02	178.13	7.86	0.00	170.27	-0.47	18000	--	500	2000	1300	3800	500	260	
7/18/02	178.13	8.83	0.00	169.30	-0.97	37000	--	1800	3800	2200	8000	ND<250	270	
10/7/02	178.13	9.71	0.00	168.42	-0.88	26000	--	600	2000	1800	6400	ND<120	ND<200	
1/6/03	178.13	7.40	0.00	170.73	2.31	27000	--	800	2100	2000	6400	440	110	
4/7/03	178.13	8.17	0.00	169.96	-0.77	28000	--	660	2200	1900	6300	440	100	
7/7/03	178.13	8.35	0.00	169.78	-0.18	33000	--	1200	2500	2700	8300	280	100	
10/9/03	178.13	9.39	0.00	168.74	-1.04	3800	6000	120	260	390	1200	--	190	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	178.13	6.86	0.00	171.27	2.53	5100	--	120	240	310	720	190	230	
4/28/04	178.13	6.63	0.00	171.50	0.23	7300	--	250	440	580	1300	740	240	
7/12/04	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
10/25/04	178.13	8.81	0.00	169.32	-1.40	3300	--	96	140	270	490	94	260	
1/17/05	178.13	6.37	0.00	171.76	2.44	3400	--	150	270	360	750	55	200	
4/6/05	178.13	4.69	0.00	173.44	1.68	14000	--	420	1300	1000	3100	ND<250	200	
7/8/05	178.13	5.23	0.00	172.90	-0.54	5000	--	180	290	500	800	ND<250	150	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-3 continued</b>														
10/7/05	178.13	6.35	0.00	171.78	-1.12	6800	--	270	120	ND<0.30	210	260	180	
1/27/06	178.13	5.24	0.00	172.89	1.11	3200	--	120	140	270	460	280	250	
4/28/06	178.13	5.01	0.00	173.12	0.23	4500	--	130	250	380	670	230	180	
7/28/06	178.13	6.21	0.00	171.92	-1.20	4700	--	160	240	510	730	250	150	
10/27/06	178.13	6.93	0.00	171.20	-0.72	3700	--	150	160	460	530	250	140	
1/10/07	178.13	5.93	0.00	172.20	1.00	4800	--	180	160	550	600	230	150	
4/13/07	178.13	6.10	0.00	172.03	-0.17	5100	--	180	240	550	710	230	160	
7/19/07	178.13	6.51	0.00	171.62	-0.41	2000	--	110	64	220	190	190	180	
10/8/07	178.13	7.05	0.00	171.08	-0.54	2100	--	72	65	180	290	180	120	
1/9/08	178.13	3.65	0.00	174.48	3.40	4200	--	200	160	510	580	290	120	Gauged on 1/18/2008
4/4/08	178.13	5.69	0.00	172.44	-2.04	7500	--	270	390	810	1200	--	120	
7/3/08	178.13	7.28	0.00	170.85	-1.59	2300	--	99	66	210	220	--	190	
10/3/08	178.13	8.40	0.00	169.73	-1.12	12000	--	740	620	1500	2700	--	71	
1/22/09	178.13	7.68	0.00	170.45	0.72	2000	--	120	79	290	290	--	130	
4/13/09	178.13	6.28	0.00	171.85	1.40	3600	--	110	150	180	510	--	120	
7/23/09	178.13	7.20	0.00	170.93	-0.92	3400	--	180	150	360	650	--	120	
2/1/10	178.13	5.29	0.00	172.84	1.91	6500	--	180	92	300	250	--	97	
<b>MW-4</b>			<b>(Screen Interval in feet: 5.0-25.0)</b>											
7/20/99	179.10	7.40	--	171.70	--	69	--	2.7	0.77	ND	7.1	100	--	
9/28/99	179.10	7.19	0.00	171.91	0.21	4050	--	1250	72	51.3	133	416	459	
1/7/00	179.10	8.98	0.00	170.12	-1.79	7010	--	2260	167	271	276	764	--	
3/31/00	179.10	7.26	0.00	171.84	1.72	5500	--	1800	230	330	400	1000	--	
7/14/00	179.10	7.67	0.00	171.43	-0.41	7940	--	2810	332	450	247	1530	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-4 continued</b>														
10/3/00	179.10	8.12	0.00	170.98	-0.45	11400	--	3110	437	519	816	1040	--	
1/3/01	179.10	9.10	0.00	170.00	-0.98	8600	--	2500	340	480	960	850	--	
4/4/01	179.10	8.63	0.00	170.47	0.47	9950	--	2380	126	416	725	1140	819	
7/17/01	179.10	6.49	0.00	172.61	2.14	10000	--	2300	110	410	800	1200	900	
10/3/01	178.96	7.01	0.00	171.95	-0.66	7800	--	2100	85	380	390	580	820	
1/28/02	178.96	6.21	0.00	172.75	0.80	12000	--	2100	130	350	670	1100	500	
4/25/02	178.96	5.49	0.00	173.47	0.72	3300	--	1300	42	270	250	680	600	
7/18/02	178.96	8.28	0.00	170.68	-2.79	4800	--	1300	71	290	220	530	760	
10/7/02	178.96	7.49	0.00	171.47	0.79	5100	--	1400	110	330	380	650	540	
1/6/03	178.96	6.36	0.00	172.60	1.13	5600	--	1100	57	260	320	370	520	
4/7/03	178.96	6.24	0.00	172.72	0.12	5100	--	1100	55	190	370	550	420	
7/7/03	178.96	6.43	0.00	172.53	-0.19	3000	--	920	28	170	330	480	450	
10/9/03	178.96	7.97	0.00	170.99	-1.54	530	700	100	2.2	5.4	14	--	270	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	178.96	6.30	0.00	172.66	1.67	530	--	88	4.1	9.9	11	150	180	
4/28/04	178.96	5.68	0.00	173.28	0.62	1200	--	200	5.3	21	13	490	310	
7/12/04	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
10/25/04	178.96	6.85	0.00	172.11	-0.37	490	--	34	ND<2.5	ND<2.5	ND<2.5	200	170	
1/17/05	178.96	4.56	0.00	174.40	2.29	620	--	100	2.6	15	8.0	240	200	
4/6/05	178.96	2.90	0.00	176.06	1.66	630	--	81	9.6	16	41	ND<25	26	
7/8/05	178.96	3.74	0.00	175.22	-0.84	980	--	170	24	44	140	ND<25	64	
10/7/05	178.96	4.24	0.00	174.72	-0.50	4900	--	1100	11	110	110	370	310	
1/27/06	178.96	3.65	0.00	175.31	0.59	2800	--	580	20	130	230	320	240	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-4 continued</b>														
4/28/06	178.96	3.94	0.00	175.02	-0.29	710	--	110	2.4	21	22	140	140	
7/28/06	178.96	4.63	0.00	174.33	-0.69	550	--	120	2.1	12	19	170	150	
10/27/06	178.96	5.19	0.00	173.77	-0.56	260	--	37	2.0	1.9	6.7	130	130	
1/10/07	178.96	4.82	0.00	174.14	0.37	270	--	29	0.72	1.8	2.7	160	150	
4/13/07	178.96	4.25	0.00	174.71	0.57	390	--	53	1.2	3.1	4.1	210	160	
7/19/07	178.96	5.35	0.00	173.61	-1.10	210	--	8.0	1.0	1.4	4.5	120	130	
10/8/07	178.96	5.48	0.00	173.48	-0.13	290	--	17	2.3	3.8	14	160	150	
1/9/08	178.96	3.40	0.00	175.56	2.08	770	--	190	5.9	21	40	210	220	Gauged on 1/18/2008
4/4/08	178.96	4.20	0.00	174.76	-0.80	180	--	11	2.0	0.67	2.9	--	110	
7/3/08	178.96	5.89	0.00	173.07	-1.69	140	--	4.5	1.3	ND<0.30	ND<0.60	--	100	
10/3/08	178.96	7.34	0.00	171.62	-1.45	430	--	29	3.4	9.6	20	--	100	
1/22/09	178.96	6.75	0.00	172.21	0.59	190	--	25	1.7	0.87	1.5	--	96	
4/13/09	178.96	4.74	0.00	174.22	2.01	290	--	17	2.1	4.4	12	--	88	
7/23/09	178.96	6.01	0.00	172.95	-1.27	360	--	33	2.3	5.4	18	--	92	
2/1/10	178.96	6.42	0.00	172.54	-0.41	490	--	35	3.1	2.7	5.5	--	51	
<b>MW-5 (Screen Interval in feet: 5.0-25.0)</b>														
10/3/01	169.18	2.81	0.00	166.37	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1800	2100	
1/28/02	169.18	1.88	0.00	167.30	0.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	650	550	
4/25/02	169.18	1.99	0.00	167.19	-0.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2200	2400	
7/18/02	169.18	2.49	0.00	166.69	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	530	690	
10/7/02	169.18	2.80	0.00	166.38	-0.31	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	300	330	
1/6/03	169.18	1.86	0.00	167.32	0.94	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	350	
4/7/03	169.18	2.15	0.00	167.03	-0.29	220	--	0.53	ND<0.50	ND<0.50	ND<0.50	450	420	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-5 continued</b>														
7/7/03	169.18	2.26	0.00	166.92	-0.11	120	--	ND<1.2	ND<1.2	ND<1.2	ND<1.2	220	200	
10/9/03	169.18	2.72	0.00	166.46	-0.46	560	210	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	290	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	169.18	2.00	0.00	167.18	0.72	560	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	670	760	
4/28/04	169.18	2.01	0.00	167.17	-0.01	760	--	ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	
7/12/04	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
10/25/04	169.18	2.43	0.00	166.75	0.13	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	780	1100	
1/17/05	169.18	1.49	0.00	167.69	0.94	720	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	530	550	
4/6/05	169.18	0.95	0.00	168.23	0.54	830	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	600	760	
7/8/05	169.18	1.49	0.00	167.69	-0.54	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	570	630	
10/7/05	169.18	1.92	0.00	167.26	-0.43	540	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	530	490	
1/27/06	169.18	2.03	0.00	167.15	-0.11	490	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	580	610	
4/28/06	169.18	1.02	0.00	168.16	1.01	430	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	590	520	
7/28/06	169.18	1.57	0.00	167.61	-0.55	480	--	0.34	ND<0.30	ND<0.30	ND<0.60	440	420	
10/27/06	169.18	2.20	0.00	166.98	-0.63	420	--	0.34	ND<0.30	ND<0.30	ND<0.60	460	390	
1/10/07	169.18	1.57	0.00	167.61	0.63	390	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	430	420	
4/13/07	169.18	1.89	0.00	167.29	-0.32	170	--	3.8	5.9	1.5	3.8	160	120	
7/19/07	169.18	1.92	0.00	167.26	-0.03	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	19	23	
10/8/07	169.18	2.28	0.00	166.90	-0.36	200	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	310	280	
1/9/08	169.18	1.09	0.00	168.09	1.19	150	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	170	170	Gauged on 1/18/2008
4/4/08	169.18	1.72	0.00	167.46	-0.63	210	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	260	
7/3/08	169.18	2.27	0.00	166.91	-0.55	260	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	360	
10/3/08	169.18	2.80	0.00	166.38	-0.53	200	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	240	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-5 continued</b>														
1/22/09	169.18	2.45	0.00	166.73	0.35	130	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	170	
4/13/09	169.18	1.81	0.00	167.37	0.64	190	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	190	
7/23/09	169.18	2.33	0.00	166.85	-0.52	210	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	210	
2/1/10	169.18	1.32	0.00	167.86	1.01	170	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	120	
<b>MW-6 (Screen Interval in feet: 5.0-25.0)</b>														
10/3/01	169.04	2.87	0.00	166.17	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	
1/28/02	169.04	1.82	0.00	167.22	1.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/25/02	169.04	2.01	0.00	167.03	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/18/02	169.04	2.44	0.00	166.60	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
10/7/02	169.04	2.72	0.00	166.32	-0.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
1/6/03	169.04	1.90	0.00	167.14	0.82	ND<50	--	0.62	1.2	1.2	3.5	ND<2.0	ND<2.0	
4/7/03	169.04	2.02	0.00	167.02	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	46	
7/7/03	169.04	2.21	0.00	166.83	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
10/9/03	169.04	2.71	0.00	166.33	-0.50	ND<50	ND<50	0.95	3.0	1.4	5.5	--	ND<2.0	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	169.04	2.00	0.00	167.04	0.71	ND<50	--	ND<0.50	0.57	ND<0.50	0.64	ND<5.0	ND<2.0	
4/28/04	169.04	2.18	0.00	166.86	-0.18	ND<50	--	0.39	0.78	ND<0.3	ND<0.6	ND<1	ND<0.5	
7/12/04	169.04	2.69	0.00	166.35	-0.51	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	6.4	ND<0.5	
10/25/04	169.04	2.46	0.00	166.58	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.57	
1/17/05	169.04	1.54	0.00	167.50	0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
4/6/05	169.04	1.15	0.00	167.89	0.39	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
7/8/05	169.04	1.05	0.00	167.99	0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
10/7/05	169.04	1.90	0.00	167.14	-0.85	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-6 continued</b>														
1/27/06	169.04	1.32	0.00	167.72	0.58	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
4/28/06	169.04	0.00	0.00	169.04	1.32	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
7/28/06	169.04	1.68	0.00	167.36	-1.68	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
10/27/06	169.04	1.98	0.00	167.06	-0.30	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
1/10/07	169.04	1.60	0.00	167.44	0.38	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
4/13/07	169.04	2.01	0.00	167.03	-0.41	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
7/19/07	169.04	1.96	0.00	167.08	0.05	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
10/8/07	169.04	2.35	0.00	166.69	-0.39	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	0.80	
1/9/08	169.04	1.10	0.00	167.94	1.25	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	Gauged on 1/18/2008
4/4/08	169.04	1.60	0.00	167.44	-0.50	ND<50	--	ND<0.30	0.40	ND<0.30	0.71	--	ND<0.50	
7/3/08	169.04	2.19	0.00	166.85	-0.59	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	1.4	
10/3/08	169.04	2.78	0.00	166.26	-0.59	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	1.8	
1/22/09	169.04	2.35	0.00	166.69	0.43	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	1.2	
4/13/09	169.04	1.81	0.00	167.23	0.54	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.72	
7/23/09	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
2/1/10	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
<b>MW-7 (Screen Interval in feet: 5.0-25.0)</b>														
10/3/01	171.64	7.62	0.00	164.02	--	10000	--	210	ND<50	ND<50	800	35000	40000	
1/28/02	171.64	7.21	0.00	164.43	0.41	ND<1000	--	ND<10	ND<10	ND<10	ND<10	42000	38000	
4/25/02	171.64	7.25	0.00	164.39	-0.04	ND<5000	--	660	ND<50	ND<50	ND<50	42000	45000	
7/18/02	171.64	8.12	0.00	163.52	-0.87	ND<5000	--	130	ND<50	ND<50	ND<50	51000	53000	
10/7/02	171.64	7.71	0.00	163.93	0.41	18000	--	ND<50	ND<50	ND<50	ND<50	33000	38000	
1/6/03	171.64	7.63	0.00	164.01	0.08	410	--	0.61	1.0	0.89	2.9	3900	3100	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-7 continued</b>														
4/7/03	171.64	7.58	0.00	164.06	0.05	13000	--	ND<20	ND<20	ND<20	ND<20	32000	28000	
7/7/03	171.64	7.56	0.00	164.08	0.02	990	--	8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/9/03	171.64	7.72	0.00	163.92	-0.16	6800	ND<13000	ND<130	ND<130	ND<130	ND<250	--	20000	Sampled for TPH-G by 8015M on 11/14/2003
1/14/04	171.64	6.97	0.00	164.67	0.75	19000	--	ND<100	ND<100	ND<100	ND<100	20000	25000	
4/28/04	171.64	8.70	0.00	162.94	-1.73	19000	--	ND<3	ND<3	ND<3	ND<6	30000	21000	
7/12/04	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	
10/25/04	171.64	7.23	0.00	164.41	2.21	28000	--	ND<250	ND<250	ND<250	ND<250	13000	14000	
1/17/05	171.64	6.30	0.00	165.34	0.93	15000	--	ND<100	ND<100	ND<100	ND<100	17000	16000	
4/6/05	171.64	5.96	0.00	165.68	0.34	13000	--	ND<100	ND<100	ND<100	ND<100	14000	17000	
7/8/05	171.64	6.45	0.00	165.19	-0.49	ND<10000	--	ND<100	ND<100	ND<100	ND<100	8600	11000	
10/7/05	171.64	6.78	0.00	164.86	-0.33	13000	--	ND<3.0	ND<3.0	ND<3.0	ND<6.0	9400	9800	
1/27/06	171.64	5.82	0.00	165.82	0.96	8200	--	0.64	1.6	ND<0.30	ND<0.60	9900	7900	
4/28/06	171.64	5.57	0.00	166.07	0.25	6900	--	0.88	1.5	0.34	1.0	9600	11000	
7/28/06	171.64	6.67	0.00	164.97	-1.10	5400	--	5.2	ND<3.0	ND<3.0	ND<6.0	5000	5300	
10/27/06	171.64	6.93	0.00	164.71	-0.26	4500	--	ND<1.5	ND<1.5	ND<1.5	ND<3.0	4700	3700	
1/10/07	171.64	6.41	0.00	165.23	0.52	4000	--	ND<1.2	ND<1.2	ND<1.2	ND<2.4	4400	4400	
4/13/07	171.64	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
7/19/07	171.64	7.10	0.00	164.54	--	2700	--	0.57	ND<0.30	ND<0.30	ND<0.60	2700	3300	
10/8/07	171.64	7.42	0.00	164.22	-0.32	1600	--	0.47	0.49	ND<0.30	ND<0.60	2500	2200	
1/9/08	171.64	5.98	0.00	165.66	1.44	1500	--	0.45	0.49	ND<0.30	ND<0.60	1900	1900	Gauged on 1/18/2008
4/4/08	171.64	6.80	0.00	164.84	-0.82	1800	--	0.72	0.58	ND<0.30	ND<0.60	--	2700	
7/3/08	171.64	7.31	0.00	164.33	-0.51	1600	--	0.45	ND<0.30	ND<0.30	ND<0.60	--	2300	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 1999 Through February 2010**  
**76 Station 1156**

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
<b>MW-7 continued</b>														
10/3/08	171.64	7.79	0.00	163.85	-0.48	1300	--	0.53	0.59	ND<0.30	ND<0.60	--	1800	
1/22/09	171.64	7.26	0.00	164.38	0.53	890	--	0.43	0.49	ND<0.30	ND<0.60	--	1300	
4/13/09	171.64	6.83	0.00	164.81	0.43	1100	--	0.46	0.30	ND<0.30	ND<0.60	--	1200	
7/23/09	171.64	7.32	0.00	164.32	-0.49	920	--	ND<0.30	0.73	ND<0.30	ND<0.60	--	900	
2/1/10	171.64	6.21	0.00	165.43	1.11	1000	--	5.6	4.0	1.2	2.0	--	720	
<b>MW-8 (Screen Interval in feet: 15.0-25.0)</b>														
1/18/08	167.97	0.43	0.00	167.54	--	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
4/4/08	167.97	0.55	0.00	167.42	-0.12	ND<50	--	0.76	1.6	0.72	2.3	--	ND<0.50	
7/3/08	167.97	0.91	0.00	167.06	-0.36	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
10/3/08	167.97	1.71	0.00	166.26	-0.80	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
1/22/09	167.97	1.59	0.00	166.38	0.12	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
4/13/09	167.97	0.08	0.00	167.89	1.51	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
7/23/09	167.97	1.10	0.00	166.87	-1.02	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
2/1/10	167.97	0.65	0.00	167.32	0.45	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled			Ethylene-							Total Oil and Grease (mg/l)	Acenaphthylene (µg/l)	Bromo-dichloro-methane (µg/l)
	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/l)	Ethanol (8260B) (µg/l)	dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)			
<b>MW-1</b>												
7/20/99	16000	--	--	--	--	--	--	--	--	--	--	--
9/28/99	2410	ND	--	--	--	--	ND	ND	ND	--	--	--
1/7/00	7870	--	--	--	--	--	--	--	--	--	--	--
3/31/00	3600	--	--	--	--	--	--	--	--	--	--	--
7/14/00	8580	--	--	--	--	--	--	--	--	--	--	--
10/3/00	9260	--	--	--	--	--	--	--	--	--	--	--
1/3/01	11000	--	--	--	--	--	--	--	--	--	--	--
4/4/01	14000	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/17/01	2200	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
10/5/01	13000	--	--	--	--	--	--	--	--	--	--	--
1/28/02	4400	--	--	--	--	--	--	--	--	--	--	--
4/25/02	9000	--	--	--	--	--	--	--	--	--	--	--
7/18/02	9200	ND<100	--	ND<2500000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
10/7/02	3400	ND<10000	--	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
1/6/03	5100	ND<20000	--	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--
4/7/03	2800	ND<10000	--	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
7/7/03	7000	ND<25000	ND<120000	--	ND<500	ND<500	ND<500	ND<500	ND<500	--	--	--
10/9/03	4300	ND<20000	--	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--
1/14/04	6200	ND<40000	--	ND<200000	ND<800	ND<800	ND<800	ND<800	ND<800	--	--	--
4/28/04	--	800	--	ND<1000	ND<50	ND<50	ND<1	ND<1	ND<1	--	--	--
7/12/04	270	1100	--	ND<20000	ND<10	ND<10	ND<20	ND<20	ND<20	--	ND<2	ND<10
10/25/04	5100	ND<2000	--	ND<20000	ND<200	ND<200	ND<400	ND<200	ND<200	--	--	--
1/17/05	6400	3100	--	ND<20000	ND<200	ND<200	ND<400	ND<200	ND<200	--	--	--
4/6/05	2800	1500	--	ND<10000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--
7/8/05	6400	ND<1300	--	ND<13000	ND<130	3.8	ND<130	ND<130	ND<130	--	--	ND<0.50

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-1 continued</b>												
10/7/05	5500	680	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/27/06	9000	ND<500	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
4/28/06	9200	ND<500	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
7/28/06	5100	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50
10/27/06	4600	ND<2500	--	ND<62000	ND<120	ND<120	ND<120	ND<120	ND<120	--	--	--
1/10/07	12000	ND<1000	--	ND<25000	ND<50	ND<50	ND<50	ND<50	ND<50	--	--	--
4/13/07	8400	730	--	ND<250	ND<0.50	0.68	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/19/07	10000	ND<1000	--	ND<25000	ND<50	ND<50	ND<50	ND<50	ND<50	--	--	ND<50
1/9/08	12000	ND<250	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
4/4/08	15000	770	--	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
7/3/08	9300	ND<250	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	ND<12
10/3/08	4400	ND<200	--	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
1/22/09	8000	ND<500	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
4/13/09	4800	280	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
7/23/09	2800	ND<2000	--	ND<50000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--
2/1/10	3900	--	--	--	--	--	--	--	--	ND<5.0	--	--
<b>MW-2</b>												
9/28/99	--	ND	--	--	--	--	ND	ND	ND	--	--	--
4/4/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/17/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/18/02	--	ND<1000	--	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--
10/7/02	--	ND<20000	--	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--
1/6/03	--	ND<50000	--	ND<250000000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--
4/7/03	--	ND<2000	--	ND<10000000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--
7/7/03	--	ND<5000	--	ND<25000000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-2 continued</b>												
10/9/03	--	ND<10000	--	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
1/14/04	--	ND<2500	--	ND<13000	ND<50	ND<50	ND<50	ND<50	ND<50	--	--	--
4/28/04	--	13000	--	ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	11	--	--	--
7/12/04	--	110	--	ND<4000	ND<3	ND<3	ND<5	ND<5	ND<5	--	--	--
10/25/04	--	1100	--	ND<1300	ND<13	ND<13	ND<25	ND<13	ND<13	--	--	--
1/17/05	--	1200	--	ND<1300	ND<13	ND<13	ND<25	ND<13	ND<13	--	--	--
4/6/05	--	2800	--	ND<2500	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
7/8/05	--	4300	--	ND<2500	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
10/7/05	--	8700	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/27/06	--	5200	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
4/28/06	--	6700	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	1.6	--	--	--
7/28/06	--	5100	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
10/27/06	--	6600	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
1/10/07	--	6000	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
4/13/07	--	7400	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
7/19/07	--	6200	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
10/8/07	--	20000	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/9/08	--	9900	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/4/08	--	5800	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
7/3/08	--	8300	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	ND<50	5900	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
1/22/09	ND<50	7400	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/09	ND<50	5500	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
7/23/09	230	5000	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
2/1/10	140	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-3</b>												
9/28/99	--	ND	--	--	--	--	ND	ND	8.80	--	--	--
4/4/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/17/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/18/02	--	ND<50	--	ND<1200000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
10/7/02	--	ND<10000	--	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
1/6/03	--	ND<4000	--	23000000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--
4/7/03	--	ND<4000	--	ND<20000000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--
7/7/03	--	ND<2000	--	ND<10000000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--
10/9/03	--	ND<1000	--	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
1/14/04	--	ND<1000	--	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
4/28/04	--	ND<12	--	ND<1000	ND<3	ND<3	ND<1	ND<1	ND<1	--	--	--
7/12/04	--	350	--	ND<20000	ND<10	ND<10	ND<20	ND<20	ND<20	--	--	--
10/25/04	--	39	--	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--
1/17/05	--	120	--	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--
4/6/05	--	150	--	ND<1000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
7/8/05	--	64	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
10/7/05	--	ND<200	--	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
1/27/06	--	ND<10	--	ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/28/06	--	190	--	ND<250	ND<0.50	0.63	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/28/06	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/27/06	--	ND<10	--	ND<250	ND<0.50	1.3	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/10/07	--	66	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/07	--	ND<10	--	ND<250	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/19/07	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/8/07	--	ND<20	--	ND<500	ND<1.0	1.1	ND<1.0	ND<1.0	ND<1.0	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-3 continued</b>												
1/9/08	--	ND<20	--	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
4/4/08	--	ND<50	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
7/3/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	1200	ND<100	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
1/22/09	270	ND<20	--	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
4/13/09	150	ND<10	--	ND<250	ND<0.50	1.0	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/23/09	310	ND<100	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
2/1/10	390	--	--	--	--	--	--	--	--	--	--	--
<b>MW-4</b>												
9/28/99	--	ND	--	--	--	--	ND	ND	ND	--	--	--
4/4/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/17/01	--	ND	--	ND	ND	ND	ND	ND	ND	--	--	--
7/18/02	--	ND<100	--	ND<2500000	ND<10	49	ND<10	ND<10	ND<10	--	--	--
10/7/02	--	ND<10000	--	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
1/6/03	--	ND<1000	--	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
4/7/03	--	ND<1000	--	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
7/7/03	--	ND<1000	--	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
10/9/03	--	ND<200	--	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--
1/14/04	--	ND<200	--	ND<1000	ND<4.0	6.5	ND<4.0	ND<4.0	ND<4.0	--	--	--
4/28/04	--	150	--	ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	--	--
7/12/04	--	210	--	ND<4000	ND<3	14	ND<5	ND<5	ND<5	--	--	--
10/25/04	--	38	--	ND<100	ND<1.0	2.0	ND<2.0	ND<1.0	ND<1.0	--	--	--
1/17/05	--	110	--	ND<100	ND<1.0	3.6	ND<2.0	ND<1.0	ND<1.0	--	--	--
4/6/05	--	ND<25	--	73000	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
7/8/05	--	29	--	ND<50	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-4 continued</b>												
10/7/05	--	210	--	ND<250	ND<0.50	26	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/27/06	--	280	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
4/28/06	--	130	--	ND<250	ND<0.50	0.97	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/28/06	--	64	--	ND<250	ND<0.50	5.8	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/27/06	--	54	--	ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/10/07	--	33	--	310	ND<0.50	1.9	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/07	--	82	--	ND<250	ND<0.50	0.77	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/19/07	--	13	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/8/07	--	ND<20	--	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
1/9/08	--	ND<20	--	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--
4/4/08	--	27	--	ND<250	ND<0.50	1.0	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/3/08	--	27	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	96	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/22/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/09	110	39	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/23/09	85	42	--	ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
2/1/10	80	--	--	--	--	--	--	--	--	--	--	--
<b>MW-5</b>												
7/18/02	--	ND<20	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
10/7/02	--	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
1/6/03	ND<50	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
4/7/03	--	ND<500	--	ND<2500000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
7/7/03	--	ND<200	--	ND<1000000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--
10/9/03	--	ND<200	--	ND<1000	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--
1/14/04	--	ND<2000	--	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-5 continued</b>												
4/28/04	--	ND<12	--	ND<1000	ND<0.5	1.8	ND<1	ND<1	ND<1	--	--	--
7/12/04	--	ND<12	--	ND<800	ND<0.5	0.76	ND<1	ND<1	ND<1	--	--	--
10/25/04	--	ND<500	--	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	--	--
1/17/05	--	100	--	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--
4/6/05	--	7.6	--	ND<50	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/8/05	--	180	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
10/7/05	--	ND<10	--	ND<250	ND<0.50	1.0	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/27/06	--	1000	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
4/28/06	--	130	--	ND<250	ND<0.50	0.95	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/28/06	--	ND<100	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
10/27/06	--	43	--	ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/10/07	--	28	--	ND<250	ND<0.50	1.7	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/07	--	ND<10	--	ND<250	ND<0.50	0.84	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/19/07	--	ND<10	--	ND<250	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/8/07	--	ND<10	--	ND<250	ND<0.50	1.3	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/9/08	--	ND<10	--	ND<250	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/4/08	--	ND<10	--	ND<250	ND<0.50	1.4	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/3/08	--	ND<10	--	ND<250	ND<0.50	1.5	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	60	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/22/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/09	ND<50	ND<10	--	ND<250	ND<0.50	1.2	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/23/09	ND<50	ND<10	--	ND<250	ND<0.50	1.8	ND<0.50	ND<0.50	ND<0.50	--	--	--
2/1/10	ND<50	--	--	--	--	--	--	--	--	--	--	--
<b>MW-6</b>												
7/18/02	--	ND<20	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-6 continued</b>												
10/7/02	--	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
1/6/03	--	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
4/7/03	--	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
7/7/03	--	ND<100	--	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
10/9/03	--	ND<100	--	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
1/14/04	--	ND<100	--	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
4/28/04	--	ND<12	--	ND<1000	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	--	--
7/12/04	--	ND<12	--	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	--	--
10/25/04	--	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--
1/17/05	--	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--
4/6/05	--	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/8/05	--	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/7/05	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/27/06	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/28/06	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/28/06	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/27/06	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/10/07	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/07	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/19/07	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/8/07	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/9/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/4/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/3/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	ND<50	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**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-6 continued</b>												
1/22/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>MW-7</b>												
7/18/02	--	33000	--	ND<5000000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--
10/7/02	--	26000	--	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--
1/6/03	ND<50	ND<10000	--	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--
4/7/03	--	ND<40000	--	ND<200000000	ND<800	ND<800	ND<800	ND<800	ND<800	--	--	--
7/7/03	--	27000	--	ND<100000000	ND<400	ND<400	ND<400	ND<400	ND<400	--	--	--
10/9/03	--	ND<25000	--	ND<130000	ND<500	ND<500	ND<500	ND<500	ND<500	--	--	--
1/14/04	--	ND<40000	--	ND<200000	ND<800	ND<800	ND<800	ND<800	ND<800	--	--	--
4/28/04	--	9200	--	ND<1000	ND<0.5	6.8	ND<1	ND<1	12	--	--	--
7/12/04	--	4600	--	ND<8000	ND<5	5.1	ND<10	ND<10	ND<10	--	--	--
10/25/04	--	3900	--	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	--	--
1/17/05	--	4200	--	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	--	--
4/6/05	--	4200	--	ND<10000	ND<0.50	6.4	ND<0.50	ND<0.50	9.3	--	--	--
7/8/05	--	4300	--	ND<5000	ND<50	ND<50	ND<50	ND<50	ND<50	--	--	--
10/7/05	--	1100	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
1/27/06	--	1600	--	ND<25000	ND<50	ND<50	ND<50	ND<50	ND<50	--	--	--
4/28/06	--	2900	--	ND<250	ND<0.50	3.4	ND<0.50	ND<0.50	6.3	--	--	--
7/28/06	--	1300	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
10/27/06	--	1700	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
1/10/07	12000	1300	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
7/19/07	--	ND<100	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
10/8/07	--	ND<500	--	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
1/9/08	--	2700	--	ND<250	ND<0.50	1.2	ND<0.50	ND<0.50	1.1	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/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)	Total Oil and Grease (mg/l)	Acenaph- thylene (µg/l)	Bromo- dichloro- methane (µg/l)
<b>MW-7 continued</b>												
4/4/08	--	1400	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
7/3/08	--	940	--	ND<250	ND<0.50	2.2	ND<0.50	ND<0.50	1.2	--	--	--
10/3/08	ND<50	540	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
1/22/09	ND<50	370	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--
4/13/09	ND<50	420	--	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--
7/23/09	ND<50	370	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--
2/1/10	53	--	--	--	--	--	--	--	--	--	--	--
<b>MW-8</b>												
1/18/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/4/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/3/08	--	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/3/08	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/22/09	64	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
4/13/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/23/09	ND<50	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
2/1/10	ND<50	--	--	--	--	--	--	--	--	--	--	--

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Bromo-form (µg/l)	Bromo-methane (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)
<b>MW-1</b>												
7/20/99	--	--	--	12	--	--	--	--	3.9	--	--	--
3/31/00	--	--	--	--	--	--	--	--	6.2	--	--	--
4/4/01	--	--	--	5.6	--	--	--	--	4.6	--	--	--
7/17/01	--	--	--	--	--	--	--	--	18	--	--	--
7/18/02	--	--	--	5.9	1.1	--	--	--	5.8	--	1.3	--
7/7/03	--	--	--	ND<120	--	--	--	--	--	--	--	--
7/12/04	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<2	ND<2	ND<10
7/8/05	ND<2.0	ND<1.0	ND<0.50	12	1.0	ND<0.50	ND<1.0	ND<0.50	9.0	ND<0.50	1.2	ND<1.0
7/28/06	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
7/19/07	ND<50	ND<100	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
7/3/08	ND<12	ND<25	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12
<b>MW-5</b>												
1/6/03	--	--	--	ND<0.50	--	--	--	--	--	--	--	--
<b>MW-7</b>												
1/6/03	--	--	--	ND<50	--	--	--	--	--	--	--	--

**Table 2 c**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Hexa-chloro-butadiene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	1,1,2,2-Tetrachloroethane (µg/l)
<b>MW-1</b>												
7/20/99	2.0	--	3.6	--	0.92	--	--	--	--	600	--	--
9/28/99	--	--	--	--	--	--	--	--	--	534	--	--
1/7/00	--	--	--	--	--	--	--	--	--	1050	371	--
3/31/00	--	--	--	--	--	--	--	--	--	140	--	--
7/14/00	--	--	--	--	--	--	--	--	--	690	--	--
10/3/00	--	--	--	--	--	--	--	--	--	361	--	--
1/3/01	--	--	--	--	--	--	--	--	--	400	--	--
4/4/01	--	--	3.4	--	--	--	--	--	--	490	--	--
7/17/01	--	--	--	--	--	--	--	--	--	740	--	--
7/18/02	--	--	1.3	--	--	--	--	--	--	910	--	--
7/7/03	--	--	ND<120	--	--	--	--	--	--	850	--	--
7/12/04	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<20	450	--	ND<10
7/8/05	1.3	ND<0.50	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<20	ND<5.0	250	--	ND<0.50
7/28/06	ND<0.50	ND<0.50	4.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	--	--	ND<0.50
7/19/07	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND<100	--	--	ND<50
7/3/08	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	--	ND<25	--	--	ND<12
<b>MW-5</b>												
1/6/03	--	--	ND<0.50	--	--	--	--	--	--	ND<10	--	--
<b>MW-7</b>												
1/6/03	--	--	ND<50	--	--	--	--	--	--	ND<10	--	--

**Table 2 d**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Vinyl chloride (µg/l)	Acena-phthene (µg/l)	Acena-phthylene (svoc) (µg/l)
<b>MW-1</b>												
9/28/99	--	--	--	--	--	--	--	1240	318	--	--	--
1/7/00	--	--	--	--	--	--	--	2210	597	--	--	--
7/14/00	334	--	--	--	--	--	--	--	--	--	--	--
7/18/02	ND<0.60	--	--	--	--	--	--	--	--	--	--	--
7/7/03	ND<120	--	--	--	--	--	--	--	--	--	--	--
7/12/04	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<10	--	--	ND<10	ND<2	--
7/8/05	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	0.73	ND<1.0	--	--	ND<0.50	--	--
7/28/06	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50	ND<10	ND<10
7/19/07	ND<50	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--	ND<50	ND<2.2	ND<2.2
7/3/08	ND<12	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	ND<12	ND<20	ND<20
<b>MW-5</b>												
1/6/03	ND<0.50	--	--	--	--	--	--	--	--	--	--	--
<b>MW-7</b>												
1/6/03	ND<50	--	--	--	--	--	--	--	--	--	--	--

**Table 2 e**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Anthracene (µg/l)	Benzo[a]-anthracene (µg/l)	Benzo[a]-pyrene (µg/l)	Benzo[b]-fluoranthene (µg/l)	Benzo-[g,h,I]-perylene (µg/l)	Benzo[k]-fluoranthene (µg/l)	Benzoic Acid (µg/l)	Benzyl Alcohol (µg/l)	Bis(2-chloro-ethoxy) methane (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)	Bis(2-chloro-isopropyl)-ether (µg/l)	Bis(2-ethyl-hexyl) phthalate (µg/l)
<b>MW-1</b>												
3/31/00	--	--	--	--	--	--	--	--	--	--	--	10
10/3/00	--	--	--	--	--	--	--	--	--	--	--	51.6
4/4/01	--	--	--	--	--	--	--	--	--	--	--	55
7/17/01	--	--	--	--	--	--	--	--	--	--	--	400
7/18/02	--	--	--	--	--	--	--	--	--	--	--	120
7/7/03	--	--	--	--	--	--	--	--	--	--	--	70
7/12/04	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	--	--	--	--	--	ND<5
7/28/06	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10	ND<10	33
7/19/07	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<11	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<4.4
7/3/08	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20	ND<20	ND<40
<b>MW-5</b>												
1/6/03	--	--	--	--	--	--	--	--	--	--	--	ND<5.0
<b>MW-7</b>												
1/6/03	--	--	--	--	--	--	--	--	--	--	--	ND<5.0

**Table 2 f**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	4-Bromo-phenyl phenyl ether (µg/l)	Butyl-benzyl phthalate (µg/l)	4-Chloro-3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)	2-Chloro-naphthalene (µg/l)	2-Chloro-phenol (µg/l)	4-Chloro-phenyl phenyl ether (µg/l)	Chrysene (µg/l)	Dibenzo-[a,h]-anthracene (µg/l)	Dibenzo-furan (µg/l)	1,2-Dichloro-benzene (svoc) (µg/l)	1,3-Dichloro-benzene (svoc) (µg/l)
<b>MW-1</b>												
7/12/04	--	--	--	--	--	--	--	ND<2	ND<3	--	--	--
7/28/06	ND<10	ND<10	ND<25	ND<10	ND<10	ND<10	ND<10	ND<10	ND<15	ND<10	ND<10	ND<10
7/19/07	ND<2.2	ND<2.2	ND<5.5	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<3.3	ND<2.2	ND<2.2	ND<2.2
7/3/08	ND<20	ND<20	ND<50	ND<20	ND<20	ND<20	ND<20	ND<20	ND<30	ND<20	ND<20	ND<20



**Table 2 g**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	1,4-Dichloro- benzene (svoc) (µg/l)	3,3-Dichloro- benzidine (µg/l)	2,4-Dichloro- phenol (µg/l)	Diethyl phthalate (µg/l)	2,4-Dimethyl- phenol (µg/l)	Dimethyl phthalate (µg/l)	Di-n-butyl phthalate (µg/l)	2,4-Dinitro- phenol (µg/l)	2,4-Dinitro- toluene (µg/l)	2,6-Dinitro- toluene (µg/l)	Di-n-octyl phthalate (µg/l)	Fluoran- thene (µg/l)
<b>MW-1</b>												
7/12/04	--	--	--	--	--	--	--	--	--	--	--	ND<2
7/28/06	ND<10	ND<50	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10	ND<10
7/19/07	ND<2.2	ND<11	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<11	ND<2.2	ND<2.2	ND<2.2	ND<2.2
7/3/08	ND<20	ND<100	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20	ND<20

**Table 2 h**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Fluorene (µg/l)	Hexachloro- benzene (µg/l)	HCBD (svoc) (µg/l)	Hexachloro cyclopenta- diene (µg/l)	Hexachloro -ethane (µg/l)	Indeno- [1,2,3-c,d] pyrene (µg/l)	Isophorone (µg/l)	2-Methyl- 4,6-dinitro- phenol (µg/l)	2-Methyl- naphtha- lene (µg/l)	2-Methyl- phenol (µg/l)	4-Methyl- phenol (µg/l)	Naphtha- lene (svoc) (µg/l)
<b>MW-1</b>												
7/20/99	--	--	--	--	--	--	--	--	240	--	27	--
9/28/99	--	--	--	--	--	--	--	--	87.4	26.4	35.6	--
1/7/00	--	--	--	--	--	--	--	--	315	--	--	--
3/31/00	--	--	--	--	--	--	--	--	73	31	18	--
7/14/00	--	--	--	--	--	--	--	--	300	--	--	--
10/3/00	--	--	--	--	--	--	--	--	98.1	--	28.9	--
1/3/01	--	--	--	--	--	--	--	--	180	--	--	--
4/4/01	--	--	--	--	--	--	--	--	78	--	--	--
7/17/01	--	--	--	--	--	--	--	--	290	47	25	--
7/18/02	--	--	--	--	--	--	--	--	420	13	25	--
7/7/03	--	--	--	--	--	--	--	--	260	ND<5.0	22	--
7/12/04	ND<2	--	--	--	--	ND<2	--	--	--	--	--	--
7/28/06	ND<10	ND<10	ND<5.0	ND<10	ND<10	ND<10	ND<10	--	280	ND<10	--	660
7/19/07	ND<2.2	ND<2.2	ND<1.1	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<11	230	29	--	770
7/3/08	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	270	ND<20	--	750
<b>MW-5</b>												
1/6/03	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0	--
<b>MW-7</b>												
1/6/03	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0	--

**Table 2 i**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	2-Nitro-aniline (µg/l)	3-Nitro-aniline (µg/l)	4-Nitro-aniline (µg/l)	Nitro-benzene (µg/l)	2-Nitro-phenol (µg/l)	4-Nitro-phenol (µg/l)	N-nitrosodi-n-propyl-amine (µg/l)	N-Nitro-sodiphenyl-amine (µg/l)	Penta-chloro-phenol (µg/l)	Phen-anthrene (µg/l)	Phenol (µg/l)	Pyrene (µg/l)
<b>MW-1</b>												
7/12/04	--	--	--	--	--	--	--	--	--	ND<2	--	ND<2
7/28/06	ND<10	ND<10	ND<25	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10
7/19/07	ND<2.2	ND<2.2	ND<5.5	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<2.2	ND<11	ND<2.2	ND<2.2	ND<2.2
7/3/08	ND<20	ND<20	ND<50	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20

**Table 2 j**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	1,2,4-Trichloro-benzene (svoc) (µg/l)	2,4,6-Trichloro-phenol (µg/l)	2,4,5-Trichloro-phenol (µg/l)	Carbon (organic, total) (mg/l)	Chromium VI (µg/l)	Chromium (total) (µg/l)	Iron Ferrous (µg/l)	Manganese (dissolved) (µg/l)	Manganese (total) (µg/l)	Molybdenum (total) (µg/l)	Molybdenum (dissolved) (µg/l)	Selenium (total) (µg/l)
<b>MW-1</b>												
7/28/06	ND<10	ND<25	ND<25	--	--	--	--	--	--	--	--	--
7/19/07	ND<2.2	ND<5.5	ND<5.5	--	--	--	--	--	--	--	--	--
7/3/08	ND<20	ND<50	ND<50	--	--	--	--	--	--	--	--	--
4/13/09	--	--	--	26	ND<2.0	ND<3.0	280	160	200	8.6	7.5	ND<2.0
<b>MW-2</b>												
4/13/09	--	--	--	4.4	ND<2.0	9.3	740	110	230	1.1	ND<1.0	ND<2.0
<b>MW-3</b>												
4/13/09	--	--	--	3.0	ND<2.0	14	1800	2800	2500	4.7	3.7	ND<2.0
<b>MW-4</b>												
4/13/09	--	--	--	1.9	ND<2.0	8.1	1500	2000	3500	7.2	6.4	ND<2.0
<b>MW-5</b>												
4/13/09	--	--	--	1.4	ND<2.0	19	ND<500	1.4	650	1.2	1.5	ND<2.0
<b>MW-6</b>												
4/13/09	--	--	--	1.4	ND<2.0	32	ND<500	14	530	2.6	2.9	ND<2.0
<b>MW-7</b>												
4/13/09	--	--	--	2.3	ND<2.0	100	3200	960	2300	1.1	1.3	ND<2.0
<b>MW-8</b>												
4/13/09	--	--	--	0.48	ND<2.0	3.3	130	ND<1.0	47	1.2	1.2	ND<2.0

**Table 2 k**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Selenium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Bromate (µg/l)	Bromide (mg/l)	Chloride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Alkalinity (total) (mg/l)	Specific Con- ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>MW-1</b>												
4/13/09	ND<2.0	ND<3.0	ND<3.0	ND<25	0.77	23	ND<0.44	ND<1.0	390	750	--	0.75
7/23/09	--	--	--	--	--	--	--	--	--	--	--	2.47
2/1/10	--	--	--	--	--	--	--	--	--	--	0.81	1.18
<b>MW-2</b>												
4/13/09	ND<2.0	31	12	ND<25	0.40	25	0.85	14	350	688	0.49	0.65
7/23/09	--	--	--	--	--	--	--	--	--	--	7.09	2.57
2/1/10	--	--	--	--	--	--	--	--	--	--	1.51	2.13
<b>MW-3</b>												
4/13/09	ND<2.0	22	ND<3.0	ND<25	0.41	30	2.9	16	360	681	0.38	0.64
7/23/09	--	--	--	--	--	--	--	--	--	--	6.14	5.14
2/1/10	--	--	--	--	--	--	--	--	--	--	0.79	2.12
<b>MW-4</b>												
4/13/09	ND<2.0	13	3.4	ND<25	0.40	37	4.4	23	320	704	1.35	0.51
7/23/09	--	--	--	--	--	--	--	--	--	--	7.23	2.10
2/1/10	--	--	--	--	--	--	--	--	--	--	0.90	1.67
<b>MW-5</b>												
4/13/09	ND<2.0	59	6.1	ND<25	0.71	68	5.7	26	350	860	0.95	1.80
7/23/09	--	--	--	--	--	--	--	--	--	--	2.08	1.54
2/1/10	--	--	--	--	--	--	--	--	--	--	1.84	1.82
<b>MW-6</b>												
4/13/09	ND<2.0	80	5.2	ND<25	0.58	72	8.9	37	280	754	0.54	0.80
<b>MW-7</b>												
4/13/09	ND<2.0	190	5.6	ND<25	0.50	37	ND<0.44	9.3	430	848	1.27	0.80

**Table 2 k**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Selenium (dissolved) (µg/l)	Vanadium (total) (µg/l)	Vanadium (dissolved) (µg/l)	Bromate (µg/l)	Bromide (mg/l)	Chloride (mg/l)	Nitrogen as Nitrate (mg/l)	Sulfate (mg/l)	Alkalinity (total) (mg/l)	Specific Con- ductance (µmhos)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>MW-7 continued</b>												
7/23/09	--	--	--	--	--	--	--	--	--	--	0.76	1.35
2/1/10	--	--	--	--	--	--	--	--	--	--	0.97	1.86
<b>MW-8</b>												
4/13/09	ND<2.0	12	4.5	ND<25	ND<0.10	81	19	40	210	690	1.11	2.56
7/23/09	--	--	--	--	--	--	--	--	--	--	8.40	4.57
2/1/10	--	--	--	--	--	--	--	--	--	--	2.94	3.17

**Table 2 1**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
<b>MW-1</b>		
4/13/09	-102	--
7/23/09	-23	--
2/1/10	-98	-108
<b>MW-2</b>		
4/13/09	-27	-15
7/23/09	56	14
2/1/10	3	-14
<b>MW-3</b>		
4/13/09	-89	-82
7/23/09	-22	-56
2/1/10	-63	-89
<b>MW-4</b>		
4/13/09	-67	-46
7/23/09	-28	-48
2/1/10	-76	-70
<b>MW-5</b>		
4/13/09	-21	-12
7/23/09	136	144
2/1/10	21	23
<b>MW-6</b>		
4/13/09	-40	-32
<b>MW-7</b>		
4/13/09	-21	-13

**Table 2 1**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 1156**

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
<b>MW-7 continued</b>		
7/23/09	165	165
2/1/10	-33	-12
<b>MW-8</b>		
4/13/09	-70	-48
7/23/09	196	185
2/1/10	-17	-16



# COORDINATED EVENT DATA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	11/17/1993	410	21	11	7.9	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.59	NA	167.20	NA	NA	NA
MW-1	01/20/1994	1,200	180	19	48	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.22	NA	167.57	NA	NA	NA
MW-1	04/25/1994	3,100	610	<10	130	27	NA	NA	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	NA	NA
MW-1	07/07/1994	2,400	1,000	10	250	20	NA	NA	NA	NA	NA	NA	NA	175.79	8.31	NA	167.48	NA	NA	NA
MW-1	10/27/1994	2,200	500	3.1	72	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.84	NA	166.95	NA	NA	NA
MW-1	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.60	NA	168.19	NA	NA	NA
MW-1	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.56	NA	168.23	NA	NA	NA
MW-1	01/13/1995	570	75	2.5	6.7	11	NA	NA	NA	NA	NA	NA	NA	175.79	7.11	NA	168.68	NA	NA	NA
MW-1	04/12/1995	1,800	480	<5.0	79	<5.0	NA	NA	NA	NA	NA	NA	NA	175.79	7.08	NA	168.71	NA	NA	NA
MW-1	07/25/1995	120	15	1.1	2.1	2.9	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1 (D)	07/25/1995	300	88	2.4	11	6.5	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1	10/18/1995	130	9.5	0.8	1.3	1.7	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1 (D)	10/18/1995	120	11	0.8	1.4	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1	01/17/1996	250	22	0.9	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	175.79	7.83	NA	167.96	NA	NA	NA
MW-1	04/25/1996	<50	4.6	<0.5	<0.5	0.6	500b	NA	NA	NA	NA	NA	NA	175.79	7.35	NA	168.44	NA	NA	NA
MW-1	07/17/1996	<250	15	<2.5	<2.5	<2.5	540	NA	NA	NA	NA	NA	NA	175.79	7.70	NA	168.09	NA	NA	NA
MW-1	10/01/1996	1,200	500	12	57	82	1,900	NA	NA	NA	NA	NA	NA	175.79	8.07	NA	167.72	NA	NA	NA
MW-1	01/22/1997	640	170	4.3	33	33	1,200	NA	NA	NA	NA	NA	NA	175.79	7.21	NA	168.58	NA	NA	NA
MW-1	04/08/1997	<200	34	<2.0	3.3	4.3	950	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1 (D)	04/08/1997	<200	66	<2.0	6.4	8	740	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1	07/08/1997	190	49	1.2	5.8	8.6	560	NA	NA	NA	NA	NA	NA	175.79	8.01	NA	167.78	NA	NA	NA
MW-1	10/08/1997	<100	7	<1.0	<1.0	<1.0	620	NA	NA	NA	NA	NA	NA	175.79	8.10	NA	167.69	NA	NA	NA
MW-1	01/09/1998	970	390	12	48	71	1,200	NA	NA	NA	NA	NA	NA	175.79	7.14	NA	168.65	NA	NA	NA
MW-1	04/13/1998	<50	136	<0.50	1.5	1.8	170	NA	NA	NA	NA	NA	NA	175.79	6.78	NA	169.01	NA	NA	NA
MW-1	07/17/1998	2,500	750	11	88	67	150	NA	NA	NA	NA	NA	NA	175.79	7.28	NA	168.51	NA	NA	NA
MW-1	10/02/1998	8,000	970	36	270	440	35	NA	NA	NA	NA	NA	NA	175.79	7.77	NA	168.02	NA	NA	NA
MW-1	02/03/1999	210	56	0.82	<0.50	3.2	220	NA	NA	NA	NA	NA	NA	175.79	7.45	NA	168.34	NA	1.4	NA
MW-1	04/29/1999	<50	4.5	<0.50	0.56	<0.50	140	196	NA	NA	NA	NA	NA	175.79	7.58	NA	168.21	NA	1.2	140
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	120	111*	NA	NA	NA	NA	NA	175.79	8.51	NA	167.28	NA	1.0	NA
MW-1	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.90	NA	NA	NA	NA	NA	NA	175.79	8.30	NA	167.49	NA	1.4	-71
MW-1	01/17/2000	<50	<0.50	<0.50	<0.50	<0.50	3.30	NA	NA	NA	NA	NA	NA	175.79	8.04	NA	167.75	NA	16.9	64
MW-1	04/17/2000	<50.0	1.08	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	1.8	112
MW-1	07/26/2000	125	54.3	2.16	5.45	9.86	33.1	NA	NA	NA	NA	NA	NA	175.79	7.52	NA	168.27	NA	13.2	-140
MW-1	10/12/2000	101	40.7	2.68	3.00	5.18	25.0	NA	NA	NA	NA	NA	NA	175.79	7.71	NA	168.08	NA	>20	534
MW-1	01/15/2001	<50.0	0.633	<0.500	0.505	1.74	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.33	NA	168.46	NA	16.9	-127
MW-1	04/09/2001	<50.0	<0.500	<0.500	<0.500	0.927	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.68	NA	168.11	NA	12.8	-117
MW-1	07/24/2001	<50	4.0	0.65	0.53	1.3	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	>20	43
MW-1	10/31/2001	<50	4.4	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.94	NA	167.85	NA	13.6	123

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	01/10/2002	<50	2.2	<0.50	<0.50	1.2	NA	6.1	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	0.1	63
MW-1	04/25/2002	<50	2.0	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.76	NA	168.03	NA	0.3	54
MW-1	07/18/2002	<50	6.1	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.29	NA	167.50	NA	1.1	32
MW-1	10/07/2002	500	17	14	11	60	NA	9.0	NA	NA	NA	NA	NA	175.76	8.34	NA	167.42	NA	2.8	-26
MW-1	01/06/2003	<50	12	<0.50	0.73	0.58	NA	14	NA	NA	NA	NA	NA	175.76	7.18	NA	168.58	NA	0.5	-22
MW-1	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.7	-24
MW-1	07/07/2003	<50	6.6	<0.50	<0.50	<1.0	NA	8.1	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.5	16
MW-1	10/09/2003	<50	1.9	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	<5.0	NA	175.76	8.45	NA	167.31	NA	0.7	80
MW-1	01/14/2004	<100	19	<1.0	<1.0	<2.0	NA	180	NA	NA	NA	63	NA	175.76	7.45	NA	168.31	NA	0.8	242
MW-1	04/28/2004	<50	2.1	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	33	NA	175.76	8.25	NA	167.51	NA	0.5	64
MW-1	07/12/2004	<50	2.5	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	26	<50	175.76	6.20	NA	169.56	NA	0.5	72
MW-1	10/25/2004	<500	<5.0	<5.0	<5.0	<10	NA	550	NA	NA	NA	240	NA	175.76	7.98	NA	167.78	NA	3.15	-72
MW-1	01/17/2005	<250	8.0	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	310	NA	175.76	7.42	NA	168.34	NA	0.2	9
MW-1	04/06/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	330*	NA	175.76	8.15	NA	167.61	NA	2.49	143
MW-1	07/08/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	380	<0.50	<0.50	<0.50	510	<5.0	175.76	7.45	NA	168.31	NA	1.1	12
MW-1	10/07/2005	<500 c	<5.0	<5.0	<5.0	<10	NA	1,600	NA	NA	NA	1,600	NA	175.76	7.72	NA	168.04	NA	NA	NA
MW-1	01/27/2006	1,720	6.92	<0.500	<0.500	<0.500	NA	1,270	NA	NA	NA	1,380	NA	175.76	6.68	NA	169.08	NA	NA	NA
MW-1	04/28/2006	2,420	6.90	1.19	<0.500	0.980	NA	2,080	NA	NA	NA	1,870	NA	175.76	6.67	NA	169.09	NA	NA	NA
MW-1	07/28/2006	3,230	2.06	<0.500	<0.500	<0.500	NA	1,770	<0.500	<0.500	1.14	1,730	<50.0	175.76	7.65	NA	168.11	NA	NA	NA
MW-1	10/27/2006	1,020	3.22	<0.500	1.72	<0.500	NA	690	NA	NA	NA	884	NA	175.76	7.90	NA	167.86	NA	NA	NA
MW-1	01/10/2007	1,100	3.0	<0.50	<0.50	<1.0	NA	2,300	NA	NA	NA	2,900	NA	175.76	7.62	NA	168.14	NA	NA	NA
MW-1	04/13/2007	620 g,h	7.1	0.24 i	<1.0	<1.0	NA	2,800	NA	NA	NA	3,600	NA	175.76	6.98	NA	168.78	NA	NA	NA
MW-1	07/09/2007	960 g,h	4.3 i	<20	<20	<20	NA	1,900	<40	<40	<40	2,100	<2,000	175.76	7.60	NA	168.16	NA	NA	NA
MW-1	10/08/2007	590 g,h	5.9 i	<20	<20	<20	NA	3,200	NA	NA	NA	2,200	NA	175.76	8.05	NA	167.71	NA	NA	NA
MW-1	01/09/2008	470 g,h	36	<10	<10	<10	NA	660	NA	NA	NA	1,300	NA	175.76	6.99	NA	168.77	NA	NA	NA
MW-1	04/04/2008	2,200	<10	<20	<20	<20	NA	2,000	NA	NA	NA	1,500	NA	175.76	6.94	NA	168.82	NA	NA	NA
MW-1	07/03/2008	1,800	<10	<20	<20	<20	NA	1,800	<40	<40	<40	3,400	<2,000	175.76	8.03	NA	167.73	NA	NA	NA
MW-1	10/03/2008	2,000	<10	<20	<20	<20	NA	2,000	NA	NA	NA	2,800	NA	175.76	8.58	NA	167.18	NA	NA	NA
MW-1	01/22/2009	2,400	14	<20	<20	<20	NA	1,600	NA	NA	NA	3,200	NA	175.76	8.15	NA	167.61	NA	NA	NA
MW-1	04/13/2009	1,800	<10	<20	<20	<20	NA	970	NA	NA	NA	1,900	NA	175.76	2.13	NA	173.63	NA	NA	NA
MW-1	07/23/2009	1,800	6.9	<10	<10	<10	NA	1,500	<20	<20	<20	2,800	<1000	175.76	8.15	NA	167.61	NA	NA	NA
<b>MW-1</b>	<b>02/01/2010</b>	<b>910</b>	<b>94</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>NA</b>	<b>620</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1,800</b>	<b>NA</b>	<b>175.76</b>	<b>7.44</b>	<b>NA</b>	<b>168.32</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-2	11/17/1993	31,000	9,400	4,600	1,000	3,900	NA	NA	NA	NA	NA	NA	NA	170.91	12.31	NA	158.60	NA	NA	NA
MW-2	01/20/1994	40,000	6,900	5,600	780	4,100	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2 (D)	01/20/1994	41,000	7,200	6,200	900	4,800	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2	04/25/1994	60,000	9,300	6,100	1,400	6,200	NA	NA	NA	NA	NA	NA	NA	170.91	10.84	NA	160.07	NA	NA	NA
MW-2	07/07/1994	280,000a	40,000	26,000	8,100	32,000	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA
MW-2 (D)	07/07/1994	53,000	13,000	6,600	2,000	8,400	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	10/27/1994	130,000	14,000	12,000	2,400	13,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2 (D)	10/27/1994	390,000	8,800	7,000	1,700	11,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.11	NA	161.80	NA	NA	NA
MW-2	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.22	NA	161.69	NA	NA	NA
MW-2	01/13/1995	75,000	5,900	12,000	3,100	17,000	NA	NA	NA	NA	NA	NA	NA	170.91	8.10	NA	162.81	NA	NA	NA
MW-2	04/12/1995	100,000	8,500	11,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2 (D)	04/12/1995	80,000	4,200	9,300	2,500	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.53	NA	159.80	0.52	NA	NA
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.02	NA	156.99	0.13	NA	NA
MW-2	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.27	NA	160.78	0.17	NA	NA
MW-2	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.68	NA	159.25	0.03	NA	NA
MW-2	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.78	NA	158.81	0.48	NA	NA
MW-2	10/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.21	NA	156.70	0.28	NA	NA
MW-2	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.92	NA	160.08	0.11	NA	NA
MW-2	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.12	NA	156.95	0.20	NA	NA
MW-2	07/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.98	NA	156.08	0.19	NA	NA
MW-2	10/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.97	NA	157.98	0.05	NA	NA
MW-2	01/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.54	NA	158.43	0.08	NA	NA
MW-2	04/13/1998	180,000	2,800	5,200	2,400	13,000	71,000	NA	NA	NA	NA	NA	NA	170.91	10.05	NA	160.86	NA	NA	NA
MW-2	07/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.75	NA	159.24	0.10	NA	NA
MW-2	10/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	16.78	NA	154.22	0.11	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.90	9.82	161.07	0.08	NA	NA
MW-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.86	9.81	161.09	0.05	NA	NA
MW-2	07/23/1999	65,800	6,500	4,480	1,960	8,960	46,600	58,500*	NA	NA	NA	NA	NA	170.91	14.45	NA	156.46	NA	1.4	NA
MW-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.84	11.81	159.09	0.03	NA	NA
MW-2	01/17/2000	46,000	6,000	2,400	1,500	5,500	50,000	31,000	NA	NA	NA	NA	NA	170.91	11.00	NA	159.91	NA	1.3	-54
MW-2	04/17/2000	96,300	8,150	10,200	2,820	14,900	112,000	108,000	NA	NA	NA	NA	NA	170.91	11.06	NA	159.85	NA	2.6	125
MW-2	07/26/2000	72,400	8,680	5,620	2,810	13,400	66,200	46,300	NA	NA	NA	NA	NA	170.91	12.82	NA	158.09	NA	2.2	113
MW-2	10/12/2000	63,200	5,840	4,180	2,310	11,100	61,200	66,600	NA	NA	NA	NA	NA	170.91	11.32	NA	159.59	NA	0.4	55
MW-2	01/15/2001	59,700	2,630	4,800	2,050	11,500	44,400	5,080	NA	NA	NA	NA	NA	170.91	10.19	NA	160.72	NA	1.1	-22
MW-2	04/09/2001	56,900	1,860	2,550	1,810	9,720	40,000	46,600	NA	NA	NA	NA	NA	170.91	11.15	NA	159.76	NA	1.0	-55
MW-2	07/24/2001	84,000	3,000	4,600	2,500	13,000	NA	41,000	NA	NA	NA	NA	NA	170.91	11.67	NA	159.24	NA	0.2	53
MW-2	10/31/2001	45,000	2,200	3,000	1,500	7,700	NA	29,000	<50	<50	<50	51,000	<500	170.91	11.04	NA	159.87	NA	1.2	-17
MW-2	01/10/2002	28,000	840	740	760	3,300	NA	32,000	NA	NA	NA	NA	NA	170.91	9.58	NA	161.33	NA	2.1	-76
MW-2	04/25/2002	41,000	1,900	2,000	1,200	6,900	NA	17,000	NA	NA	NA	NA	NA	170.91	11.40	NA	159.51	NA	0.8	-95
MW-2	07/18/2002	87,000	2,000	2,200	1,400	10,000	NA	19,000	NA	NA	NA	NA	NA	170.91	12.68	NA	158.23	NA	0.7	-34
MW-2	10/07/2002	110,000	3,900	6,700	2,700	15,000	NA	20,000	NA	NA	NA	NA	NA	170.88	11.58	NA	159.30	NA	1.4	-52
MW-2	01/06/2003	65,000	2,400	3,500	1,400	8,600	NA	26,000	NA	NA	NA	NA	NA	170.88	9.09	NA	161.79	NA	0.4	40
MW-2	04/07/2003	57,000	1,900	2,500	1,700	8,600	NA	37,000	NA	NA	NA	34,000	NA	170.88	11.08	NA	159.80	NA	1.0	60

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	07/07/2003	34,000	4,000	4,200	1,600	8,500	NA	51,000	NA	NA	NA	44,000	NA	170.88	11.27	NA	159.61	NA	1.3	-17
MW-2	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.64	11.61	159.26	0.03	NA	NA
MW-2	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.88	11.84	159.03	0.04	NA	NA
MW-2	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	10.96	10.95	159.93	0.01	NA	NA
MW-2	04/28/2004	35,000	2,200	2,200	2,300	8,200	NA	26,000	NA	NA	NA	28,000	NA	170.88	11.05	NA	159.83	NA	0.1	-96
MW-2	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.12	12.09	158.78	0.03	NA	NA
MW-2	10/25/2004	60,000	2,900	2,300	2,300	7,600	NA	27,000	NA	NA	NA	26,000	NA	170.88	11.23	NA	159.65	NA	1.62	-69
MW-2	01/17/2005	62,000	1,900	1,800	1,800	5,700	NA	22,000	NA	NA	NA	21,000	NA	170.88	8.78	NA	162.10	NA	0.8	-102
MW-2	04/06/2005	40,000	1,500	940	1,600	2,900	NA	23,000	NA	NA	NA	23,000	NA	170.88	9.23	NA	161.65	NA	0.60	-104
MW-2	07/08/2005	50,000	2,300	1,500	1,700	6,600	NA	24,000	<150	<150	<150	25,000	<1,500	170.88	10.99	10.97	159.91	0.02	0.01	-41
MW-2	10/07/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.15	12.13	158.75	0.02	NA	NA
MW-2	01/27/2006	56,800	1,270	1,280	1,520	5,370	NA	8,210	NA	NA	NA	10,600	NA	170.88	9.55	NA	161.33	NA	NA	NA
MW-2	03/16/2006	82,100	1,230	1,310	1,350	4,630	NA	9,020	NA	NA	NA	9,690	NA	170.88	8.10	NA	162.78	NA	NA	NA
MW-2	04/28/2006	81,400	1,200	1,610	1,660	5,580	NA	10,800	NA	NA	NA	11,100	NA	170.88	9.25	NA	161.63	NA	NA	NA
MW-2	05/15/2006	119,000	2,210	3,800	2,330	8,900	NA	15,600	NA	NA	NA	12,200	NA	170.88	10.28	NA	160.60	NA	NA	NA
MW-2	06/19/2006	121,000	1,680	3,830	2,990	12,400	NA	10,700	NA	NA	NA	9,310	NA	170.88	10.90	NA	159.98	NA	NA	NA
MW-2	07/28/2006	172,000	3,590	3,450	2,840	8,210	NA	22,800	<0.500	<0.500	<0.500	11,300	<50.0	170.88	11.84	NA	159.04	NA	NA	NA
MW-2	08/31/2006	91,200	1,590	3,710	2,570	11,700	NA	3,520	NA	NA	NA	3,940	NA	170.88	18.03	NA	152.85	NA	NA	NA
MW-2	09/26/2006	50,000	2,300	1,300	1,600	6,700	NA	17,000	NA	NA	NA	19,000	NA	170.88	10.23	NA	160.65	NA	NA	NA
MW-2	10/27/2006	159,000	5,200	3,890	2,600	12,500	NA	18,100	NA	NA	NA	9,230 d	NA	170.88	12.11	NA	158.77	NA	NA	NA
MW-2	11/22/2006	53,000	1,500	960	1,800	7,100	NA	9,600	NA	NA	NA	12,000	NA	170.88	11.35	NA	159.53	NA	NA	NA
MW-2	12/26/2006	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	01/10/2007	45,000	2,700	1,700	1,400	5,800	NA	13,000	NA	NA	NA	11,000	NA	170.88	10.21	NA	160.67	NA	NA	NA
MW-2	02/19/2007	13,000	1,800	1,900	1,500	5,900	NA	7,400	NA	NA	NA	11,000	NA	170.88	9.22	NA	161.66	NA	NA	NA
MW-2	03/16/2007	52,000	2,600	2,300	2,000	7,300	NA	9,100	NA	NA	NA	12,000	NA	170.88	9.88	NA	161.00	NA	NA	NA
MW-2	04/13/2007	60,000 g	2,200	2,100	2,300	7,900	NA	13,000	NA	NA	NA	20,000	NA	170.88	10.61	10.59	160.29	0.02	NA	NA
MW-2	07/09/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.77	11.66	159.20	0.11	NA	NA
MW-2	10/08/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.70	12.51	158.33	0.19	NA	NA
MW-2	11/19/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	8.00	NA	162.88	NA	NA	NA
MW-2	12/10/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	6.49	NA	164.39	NA	NA	NA
MW-2	01/09/2008	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	01/22/2008	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	02/21/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	8.86	NA	162.02	NA	NA	NA
MW-2	03/20/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	10.24	10.22	160.66	0.02	NA	NA
MW-2	04/04/2008	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	05/27/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.44	12.41	158.46	0.03	NA	NA
MW-2	06/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.10	11.01	159.85	0.09	NA	NA
MW-2	07/03/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.62	11.76	159.37	0.14	NA	NA
MW-2	08/04/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.88	11.82	159.05	0.06	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	09/17/1998	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	10/03/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.66	12.40	158.43	0.26	NA	NA
MW-2	11/26/2008	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	12/30/2008	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	01/22/2009	86,000	3,800	1,600	2,500	9,800	NA	10,000	NA	NA	NA	7,900	NA	170.88	10.74	NA	160.14	NA	NA	NA
MW-2	02/27/2009	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	04/13/2009	60,000	1,700	980	2,000	7,000	NA	4,300	NA	NA	NA	4,600	NA	170.88	10.36	10.35	160.53	0.01	NA	NA
MW-2	07/23/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.91	11.71	159.13	0.20	NA	NA
<b>MW-2</b>	<b>11/10/2009</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>170.88</b>	<b>10.87</b>	<b>11.71</b>	<b>160.04</b>	<b>0.04</b>	<b>NA</b>	<b>NA</b>
MW-2	02/01/2010	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-2	02/09/2010	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	NA	NA	NA	NA	NA	NA
MW-3	11/17/1993	18,000	5,400	660	720	2,200	NA	NA	NA	NA	NA	NA	NA	174.61	15.40	NA	159.21	NA	NA	NA
MW-3	01/20/1994	55,000	13,000	2,600	2,200	6,500	NA	NA	NA	NA	NA	NA	NA	174.61	14.61	NA	160.00	NA	NA	NA
MW-3	04/25/1994	96,000	11,000	1,600	3,100	9,900	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3 (D)	04/25/1994	78,000	12,000	1,900	2,600	7,300	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3	07/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.54	NA	160.07	0.02	NA	NA
MW-3	10/27/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.62	NA	159.03	0.05	NA	NA
MW-3	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.83	NA	160.78	NA	NA	NA
MW-3	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.02	NA	160.59	NA	NA	NA
MW-3	01/13/1995	180,000	3,200	2,700	1,700	5,200	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3 (D)	01/13/1995	23,000	4,000	690	960	3,000	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3	04/12/1995	56,000	8,700	1,500	2,100	6,300	NA	NA	NA	NA	NA	NA	NA	174.61	12.96	NA	161.65	NA	NA	NA
MW-3	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.28	NA	160.38	0.06	NA	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.88	NA	158.77	0.05	NA	NA
MW-3	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.86	NA	160.94	0.24	NA	NA
MW-3	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.82	NA	160.81	0.02	NA	NA
MW-3	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	16.11	NA	158.52	0.03	NA	NA
MW-3	10/01/1996	46,000	7,300	530	1,700	3,900	3,200	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3 (D)	10/01/1996	47,000	7,100	530	1,700	4,000	2,900	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3	01/22/1997	82,000	5,200	1,300	2,800	8,900	1,100	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3 (D)	01/22/1997	61,000	8,400	1,100	2,300	7,000	2,700	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	17.09	NA	157.54	0.03	NA	NA
MW-3	07/08/1997	56,000	8,800	580	2,000	4,900	2,800	NA	NA	NA	NA	NA	NA	174.61	15.85	NA	158.76	NA	NA	NA
MW-3	10/08/1997	48,000	8,000	590	1,700	3,400	5,100	NA	NA	NA	NA	NA	NA	174.61	16.22	NA	158.39	NA	NA	NA
MW-3	01/08/1998	47,000	9,400	810	2,300	4,700	6,300	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3 (D)	01/08/1998	48,000	8,100	750	2,000	4,100	5,800	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3	04/13/1998	32,000	6,800	540	1,400	3,400	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3 (D)	04/13/1998	36,000	7,300	660	1,600	3,700	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-3	07/17/1998	71,000	11,000	590	2,200	6,900	3,900	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3 (D)	07/17/1998	76,000	12,000	700	2,600	8,000	3,000	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3	10/02/1998	66,000	8,900	510	2,000	4,900	4,600	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3 (D)	10/02/1998	59,000	9,400	460	2,000	4,900	4,700	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3	02/03/1999	36,000	6,800	300	1,600	2,900	18,000	NA	NA	NA	NA	NA	NA	174.61	15.21	NA	159.40	NA	1.3	NA
MW-3	04/29/1999	45,000	8,100	580	2,200	5,800	4,700	5,150	NA	NA	NA	NA	NA	174.61	15.43	NA	159.18	NA	1.5	-68
MW-3	07/23/1999	29,400	3,540	215	810	3,800	4,720	6,950*	NA	NA	NA	NA	NA	174.61	14.95	NA	159.66	NA	1.3	NA
MW-3	11/01/1999	20,000	4,190	294	1,060	1,740	5,540	8,590	NA	NA	NA	NA	NA	174.61	14.66	NA	159.95	NA	0.6	-110
MW-3	01/17/2000	17,000	3,900	89	1,100	1,200	7,900	NA	NA	NA	NA	NA	NA	174.61	13.94	NA	160.67	NA	1.3	-40
MW-3	04/17/2000	28,100	5,240	247	1,540	2,750	16,600	NA	NA	NA	NA	NA	NA	174.61	14.00	NA	160.61	NA	1.1	-86
MW-3	07/26/2000	24,300	6,680	159	1,610	1,640	17,100	NA	NA	NA	NA	NA	NA	174.61	13.72	NA	160.89	NA	0.9	-70
MW-3	10/12/2000	14,300	2,630	86.7	241	1,360	16,300	NA	NA	NA	NA	NA	NA	174.61	14.15	NA	160.46	NA	0.9	50
MW-3	01/15/2001	22,100	4,400	266	977	2,990	13,200	NA	NA	NA	NA	NA	NA	174.61	13.05	NA	161.56	NA	1.3	-40
MW-3	04/09/2001	33,800	7,100	147	1,700	2,660	13,000	NA	NA	NA	NA	NA	NA	174.61	13.59	NA	161.02	NA	0.6	-56
MW-3	07/24/2001	220,000	5,600	1,900	4,400	19,000	NA	12,000	NA	NA	NA	NA	NA	174.61	14.43	NA	160.18	NA	0.4	29
MW-3	10/31/2001	65,000	2,700	510	1,800	7,200	NA	9,800	<20	<20	<20	5,200	<500	174.61	14.59	NA	160.02	NA	0.9	-27
MW-3	01/10/2002	66,000	2,400	490	1,700	6,600	NA	5,500	NA	NA	NA	NA	NA	174.61	12.65	NA	161.96	NA	1.7	-76
MW-3	04/25/2002	55,000	4,600	460	2,400	6,900	NA	8,100	NA	NA	NA	NA	NA	174.61	14.13	NA	160.48	NA	1.2	-96
MW-3	07/18/2002	56,000	3,300	270	1,700	5,000	NA	8,400	NA	NA	NA	NA	NA	174.61	15.48	15.45	159.15	0.03	0.8	-41
MW-3	10/07/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.60	14.40	160.15	0.20	NA	NA
MW-3	01/06/2003	57,000	3,200	330	1,800	5,400	NA	5,100	NA	NA	NA	NA	NA	174.59	11.62	11.60	162.99	0.02	0.4	33
MW-3	04/07/2003	57,000	6,200	500	2,400	6,700	NA	8,200	NA	NA	NA	3,900	NA	174.59	13.80	NA	160.79	NA	0.5	61
MW-3	07/07/2003	28,000	4,900	300	1,500	4,100	NA	7,900	NA	NA	NA	4,700	NA	174.59	14.00	NA	160.59	NA	1.0	-11
MW-3	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.44	14.36	160.21	0.08	NA	NA
MW-3	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.68	14.61	159.97	0.07	NA	NA
MW-3	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	12.47	12.45	162.14	0.02	NA	NA
MW-3	04/28/2004	32,000	7,300	190	2,100	4,300	NA	3,700	NA	NA	NA	2,500	NA	174.59	13.66	NA	160.93	NA	0.1	-16
MW-3	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.87	14.83	159.75	0.04	NA	NA
MW-3	10/25/2004	49,000	5,100	61	1,800	3,600	NA	5,400	NA	NA	NA	2,700	NA	174.59	14.12	NA	160.47	NA	2.70	-59
MW-3	01/17/2005	57,000	8,000	190	2,000	4,000	NA	4,600	NA	NA	NA	3,300	NA	174.59	10.59	NA	164.00	NA	0.2	-18
MW-3	04/06/2005	57,000	7,300	180	2,200	3,300	NA	4,100	NA	NA	NA	2,700	NA	174.59	10.58	NA	164.01	NA	0.95	-77
MW-3	07/08/2005	28,000	2,900	47	1,100	2,000	NA	2,800	<20	<20	<20	1,900	<200	174.59	13.46	NA	161.13	NA	0.1	-51
MW-3	10/07/2005	23,000	3,200	39	960	1,300	NA	2,600	NA	NA	NA	1,900	NA	174.59	14.76	NA	159.83	NA	NA	NA
MW-3	01/27/2006	38,500	6,520	139	1,350	2,160	NA	1,940	NA	NA	NA	1,490	NA	174.59	11.69	NA	162.90	NA	NA	NA
MW-3	03/16/2006	65,100	5,280	181	1,580	2,520	NA	2,410	NA	NA	NA	12,300	NA	174.59	10.08	NA	164.51	NA	NA	NA
MW-3	04/28/2006	<1000	4,330	157	1,480	2,690	NA	2,470	NA	NA	NA	1,520	NA	174.59	3.31	NA	171.28	NA	NA	NA
MW-3	05/15/2006	69,600	6,100	159	1,690	2,640	NA	3,520	NA	NA	NA	1,720	NA	174.59	12.69	NA	161.90	NA	NA	NA
MW-3	06/19/2006	103,000	5,070	117	2,210	3,950	NA	2,790	NA	NA	NA	1,080	NA	174.59	13.28	NA	161.31	NA	NA	NA
MW-3	07/28/2006	86,600	4,890	85.7	1,570	2,250	NA	2,790	7.28	<0.500	<0.500	1,260	<50.0	174.59	14.72	NA	159.87	NA	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-3	08/31/2006	45,700	4,600	204	1,740	2,680	NA	2,580	NA	NA	NA	1,520	NA	174.59	14.75	NA	159.84	NA	NA	NA
MW-3	09/26/2006	29,000	3,900	76	1,500	2,100	NA	2,700	NA	NA	NA	1,500	NA	174.59	14.97	NA	159.62	NA	NA	NA
MW-3	10/27/2006	41,000	3,690	65.2	1,210	1,650	NA	1,760	NA	NA	NA	867 d	NA	174.59	15.00	NA	159.59	NA	NA	NA
MW-3	11/22/2006	30,000	3,300	51	810	1,500	NA	1,900	NA	NA	NA	1,300	NA	174.59	14.26	NA	160.33	NA	NA	NA
MW-3	12/26/2006	31,000	2,500	56	1,100	1,500	NA	2,200	NA	NA	NA	2,000	NA	174.59	12.52	NA	162.07	NA	NA	NA
MW-3	01/10/2007	18,000	2,600	43	750	940	NA	2,100	NA	NA	NA	2,100	NA	174.59	12.81	NA	161.78	NA	NA	NA
MW-3	02/19/2007	27,000	3,800	110	1,200	1,500	NA	2,400	NA	NA	NA	3,200	NA	174.59	11.65	NA	162.94	NA	NA	NA
MW-3	03/16/2007	25,000	4,000	80	1,300	1,500	NA	2,100	NA	NA	NA	2,400	NA	174.59	12.20	NA	162.39	NA	NA	NA
MW-3	04/13/2007	30,000 g	4,400	73	1,500	1,920	NA	2,800	NA	NA	NA	3,900	NA	174.59	13.37	NA	161.22	NA	NA	NA
MW-3	07/09/2007	25,000 g	3,800	57	1,400	1,456	NA	1,900	<100	<100	<100	1,500	<5,000	174.59	14.30	NA	160.29	NA	NA	NA
MW-3	10/08/2007	20,000 g	3,200	35 i	1,300	1,124 i	NA	1,700	NA	NA	NA	1,500	NA	174.59	15.19	15.18	159.41	0.01	NA	NA
MW-3	11/19/2007	Unable to access	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	NA	NA	NA	NA	NA	NA
MW-3	11/30/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.07	NA	160.52	NA	NA	NA
MW-3	12/10/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	13.78	NA	160.81	NA	NA	NA
MW-3	01/09/2008	33,000 g	2,800	34	910	782 i	NA	1,000	NA	NA	NA	1,100	NA	174.59	11.09	NA	163.50	NA	NA	NA
MW-3	02/21/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	12.22	NA	162.37	NA	NA	NA
MW-3	03/20/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	13.03	NA	161.56	NA	NA	NA
MW-3	04/04/2008	24,000	3,300	55	1,100	844	NA	1,900	NA	NA	NA	1,200	NA	174.59	13.41	NA	161.18	NA	NA	NA
MW-3	05/27/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	20.49	20.48	154.11	0.01	NA	NA
MW-3	06/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	13.95	13.94	160.65	0.01	NA	NA
MW-3	07/03/2008	33,000	3,800	38	1,500	1,200	NA	2,600	<50	<50	<50	1,800	<2,500	174.59	10.48	10.47	164.12	0.01	NA	NA
MW-3	09/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.76	NA	159.83	0.00	NA	NA
MW-3	09/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.95	14.94	159.65	0.01	NA	NA
MW-3	10/03/2008	26,000	3,000	29	1,200	750	NA	1,700	NA	NA	NA	1,400	NA	174.59	15.32	15.31	159.28	0.01	NA	NA
MW-3	11/26/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.54	NA	160.05	0.00	NA	NA
MW-3	12/30/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	13.04	NA	161.55	NA	NA	NA
MW-3	01/22/2009	27,000	2,300	29	880	610	NA	1,600	NA	NA	NA	1,700	NA	174.59	13.73	NA	160.86	NA	NA	NA
MW-3	02/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	12.88	NA	161.71	NA	NA	NA
MW-3	04/13/2009	27,000	3,000	51	1,200	740	NA	1,400	NA	NA	NA	1,500	NA	174.59	13.01	NA	161.58	NA	NA	NA
MW-3	07/23/2009	26,000	3,300	41	1,600	1,200	NA	2,200	<50	<50	<50	1,600	<2500	174.59	14.59	NA	160.00	NA	NA	NA
MW-3	11/10/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	13.66	NA	160.93	NA	NA	NA
MW-3	02/01/2010	34,000	3,200	44	1,300	1,700	NA	1,000	NA	NA	NA	1,100	NA	174.59	10.65	NA	163.94	NA	NA	NA
MW-4	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	164.06	6.62	NA	157.44	NA	NA	NA
MW-4	11/28/1994	2,900	200	17	76	260	NA	NA	NA	NA	NA	NA	NA	164.06	6.11	NA	157.95	NA	NA	NA
MW-4	01/13/1995	1,900	130	5.6	13	40	NA	NA	NA	NA	NA	NA	NA	164.06	6.05	NA	158.01	NA	NA	NA
MW-4	04/12/1995	680	150	<2.0	10	13	NA	NA	NA	NA	NA	NA	NA	164.06	6.31	NA	157.75	NA	NA	NA
MW-4	07/25/1995	340	100	0.8	8.8	3	NA	NA	NA	NA	NA	NA	NA	164.06	7.36	NA	156.70	NA	NA	NA
MW-4	10/18/1995	150	31	<0.5	3.5	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.54	NA	155.52	NA	NA	NA



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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4	01/17/1996	290	14	<0.5	1.8	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.48	NA	155.58	NA	NA	NA
MW-4	04/25/1996	<500	65	<5	<5	<5	1,700	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4 (D)	04/25/1996	<500	66	<5	8.7	<5	1,500	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4	07/17/1996	<500	84	<5.0	6.5	<5.0	1,500	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4 (D)	07/17/1996	<500	54	<5.0	<5.0	<5.0	1,700	2,100	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4	10/01/1996	<500	1.9	<5.0	<5.0	<5.0	3,000	NA	NA	NA	NA	NA	NA	164.06	8.82	NA	155.24	NA	NA	NA
MW-4	01/22/1997	580	130	<2.5	18	5.2	1,200	NA	NA	NA	NA	NA	NA	164.06	7.51	NA	156.55	NA	NA	NA
MW-4	04/08/1997	770	200	7	26	55	1,500	8	NA	NA	NA	NA	NA	164.06	7.18	NA	156.88	NA	NA	NA
MW-4	07/08/1997	570	78	<5.0	14	11	1,200	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4 (D)	07/08/1997	640	81	<5.0	16	19	1,600	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4	10/08/1997	<500	40	<5.0	7.4	5.4	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4 (D)	10/08/1997	<500	36	<5.0	5.9	<5.0	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4	01/08/1998	<1,000	55	<10	13	<10	2,000	NA	NA	NA	NA	NA	NA	164.06	7.90	NA	156.16	NA	NA	NA
MW-4	04/13/1998	350	110	2.4	20	26	<2.5	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	07/17/1998	210	66	0.78	5.4	9.8	1,700	NA	NA	NA	NA	NA	NA	164.06	6.95	NA	157.11	NA	NA	NA
MW-4	10/02/1998	<50	0.69	<0.50	<0.50	<0.50	2,900	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	02/03/1999	560	120	2.5	29	34	6,800	NA	NA	NA	NA	NA	NA	164.06	7.71	NA	156.35	NA	0.9	NA
MW-4	04/29/1999	390	80	1.9	13	19	7,000	8,360	NA	NA	NA	NA	NA	164.06	7.83	NA	156.23	NA	1.1	-125
MW-4	07/23/1999	460	93.6	8.40	25.2	28.8	3,760	6,000*	NA	NA	NA	NA	NA	164.06	11.33	NA	152.73	NA	0.9	NA
MW-4	11/01/1999	77.3	0.520	<0.500	<0.500	<0.500	539	NA	NA	NA	NA	NA	NA	164.06	10.66	NA	153.40	NA	2.8	3
MW-4	01/17/2000	160	27	<0.50	12	6.3	12,000	NA	NA	NA	NA	NA	NA	164.06	10.15	NA	153.91	NA	3.9	-17
MW-4	04/17/2000	<500	26	6.38	9.35	10.4	9,070	NA	NA	NA	NA	NA	NA	164.06	10.10	NA	153.96	NA	1.7	-129
MW-4	07/26/2000	<500	22.7	<5.00	7.59	6.96	7,660	NA	NA	NA	NA	NA	NA	164.06	10.09	NA	153.97	NA	1.4	-137
MW-4	10/12/2000	172	19.8	<0.500	7.47	4.50	8,290	NA	NA	NA	NA	NA	NA	164.06	9.35	NA	154.71	NA	3.5	529
MW-4	01/15/2001	53.6	1.50	<0.500	2.45	1.80	9,260	NA	NA	NA	NA	NA	NA	164.06	8.77	NA	155.29	NA	2.3	53
MW-4	04/09/2001	<500	<5.00	<5.00	<5.00	5.52	10,300	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	1.0	-133
MW-4	07/24/2001	58	3.8	<0.50	3.2	2.9	NA	1,700	NA	NA	NA	NA	NA	164.06	10.07	NA	153.99	NA	0.5	106
MW-4	10/31/2001	<1,000	<10	<10	<10	<10	NA	7,400	NA	NA	NA	NA	NA	164.06	9.97	NA	154.09	NA	0.8	22
MW-4	01/10/2002	<2,000	<20	<20	<20	<20	NA	12,000	NA	NA	NA	NA	NA	164.06	8.53	NA	155.53	NA	8.9	224
MW-4	04/25/2002	<2,000	<20	<20	<20	<20	NA	7,900	NA	NA	NA	NA	NA	164.06	7.33	NA	156.73	NA	3.6	-84
MW-4	07/18/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	164.06	9.05	NA	155.01	NA	1.7	120
MW-4	10/07/2002	<1,000	<10	<10	<10	<10	NA	3,300	NA	NA	NA	NA	NA	164.03	9.06	NA	154.97	NA	2.5	33
MW-4	01/06/2003	<500	21	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	164.03	7.09	NA	156.94	NA	0.5	55
MW-4	04/07/2003	<2,500	<25	<25	<25	<50	NA	1,700	NA	NA	NA	5,900	NA	164.03	8.26	NA	155.77	NA	1.2	69
MW-4	07/07/2003	<2,500	<25	<25	<25	<50	NA	860	NA	NA	NA	6,900	NA	164.03	8.92	NA	155.11	NA	0.5	-3
MW-4	10/09/2003	<500	<5.0	<5.0	<5.0	<10	NA	420	NA	NA	NA	6,700	NA	164.03	8.91	NA	155.12	NA	0.7	171
MW-4	01/14/2004	<1,000	24	<10	<10	<20	NA	500	NA	NA	NA	7,200	NA	164.03	8.34	NA	155.69	NA	1.2	140
MW-4	04/28/2004	<500	6.0	<5.0	<5.0	<10	NA	310	NA	NA	NA	5,200	NA	164.03	7.55	NA	156.48	NA	0.4	69
MW-4	07/12/2004	<500	11	<5.0	7.8	<10	NA	370	<20	<20	<20	5,900	<500	164.03	8.12	NA	155.91	NA	0.5	142

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4	10/25/2004	<500	<5.0	<5.0	5.6	<10	NA	280	NA	NA	NA	4,300	NA	164.03	7.85	NA	156.18	NA	1.90	-70
MW-4	01/17/2005	<1,000	56	<10	10	<20	NA	380	NA	NA	NA	8,400	NA	164.03	6.08	NA	157.95	NA	0.4	6
MW-4	04/06/2005	<1,000	52	<10	11	<20	NA	450	NA	NA	NA	12,000	NA	164.03	8.10	NA	155.93	NA	0.49	11
MW-4	07/08/2005	<400	30	<4.0	6.0	<4.0	NA	250	<4.0	<4.0	<4.0	9,600	<40	164.03	7.50	NA	156.53	NA	0.6	71
MW-4	07/08/2005	<400	30	<4.0	6.0	<4.0	NA	250	<4.0	<4.0	<4.0	9,600	<40	164.03	7.50	NA	156.53	NA	0.6	71
MW-4	10/07/2005	<1,000	<10	<10	<10	<20	NA	200	NA	NA	NA	8,900	NA	164.03	8.30	NA	155.73	NA	NA	NA
MW-4	01/27/2006	1,140	34.3	2.37	8.69	12.0	NA	198	NA	NA	NA	32,100	NA	164.03	8.55	NA	155.48	NA	NA	NA
MW-4	04/28/2006	1,490	46.8	2.80	21.2	24.8	NA	344	NA	NA	NA	14,800	NA	164.03	9.02	NA	155.01	NA	NA	NA
MW-4	07/28/2006	951	5.09	<0.500	<0.500	<0.500	NA	169	1.57	<0.500	<0.500	4,830	<50.0	164.03	9.19	NA	154.84	NA	NA	NA
MW-4	10/27/2006	1,620	21.5	2.65	13.2	10.3	NA	173	NA	NA	NA	5,150	NA	164.03	9.01	NA	155.02	NA	NA	NA
MW-4	01/10/2007	740	56	2.4	23	24	NA	190	NA	NA	NA	7,500 f	NA	164.03	6.95	NA	157.08	NA	NA	NA
MW-4	04/13/2007	1,500 g	130	20	100	138	NA	120	NA	NA	NA	6,300	NA	164.03	7.51	NA	156.52	NA	NA	NA
MW-4	07/09/2007	650 g	65	5.3 i	36	33.2 i	NA	130	<20	<20	<20	6,000	<1,000	164.03	7.85	NA	156.18	NA	NA	NA
MW-4	10/08/2007	840 g	100	23	70	120	NA	120	NA	NA	NA	5,300	NA	164.03	8.50	NA	155.53	NA	NA	NA
MW-4	01/09/2008	2,200 g	130	38	130	264	NA	160	NA	NA	NA	5,400	NA	164.03	8.33	NA	155.70	NA	NA	NA
MW-4	04/04/2008	1,700	93	24	74	145	NA	110	NA	NA	NA	3,700	NA	164.03	6.63	NA	157.40	NA	NA	NA
MW-4	07/03/2008	1,400	87	15	54	109	NA	88	<20	<20	<20	3,900	<1,000	164.03	8.25	NA	155.78	NA	NA	NA
MW-4	10/03/2008	1,000	61	12	41	78	NA	84	NA	NA	NA	3,700	NA	164.03	8.54	NA	155.49	NA	NA	NA
MW-4	01/22/2009	800	26	5.4	14	26	NA	81	NA	NA	NA	4,100	NA	164.03	7.40	NA	156.63	NA	NA	NA
MW-4	04/13/2009	2,000	100	26	64	130	NA	69	NA	NA	NA	3,200	NA	164.03	6.91	NA	157.12	NA	NA	NA
MW-4	07/23/2009	1,500	180	54	86	200	NA	85	<10	<10	<10	2,500	<500	164.03	7.97	NA	156.06	NA	NA	NA
<b>MW-4</b>	<b>02/01/2010</b>	<b>1,400</b>	<b>120</b>	<b>44</b>	<b>57</b>	<b>120</b>	<b>NA</b>	<b>81</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2,900</b>	<b>NA</b>	<b>164.03</b>	<b>6.05</b>	<b>NA</b>	<b>157.98</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-5	01/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.62	NA	NA	NA	NA	NA
MW-5	01/10/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	164.06	5.88	NA	158.18	NA	3.3	172
MW-5	04/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	73	NA	NA	NA	NA	NA	164.06	6.81	NA	157.25	NA	0.3	-44
MW-5	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	75	NA	NA	NA	NA	NA	164.06	7.38	NA	156.68	NA	0.4	170
MW-5	10/07/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	41	NA	NA	NA	NA	NA	164.14	6.75	NA	157.39	NA	1.5	16
MW-5	01/06/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	NA	164.14	5.96	NA	158.18	NA	0.6	166
MW-5	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	77	NA	NA	NA	28	NA	164.14	6.51	NA	157.63	NA	0.8	174
MW-5	07/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	32	NA	NA	NA	23	NA	164.14	6.44	NA	157.70	NA	0.3	-17
MW-5	10/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	59	NA	NA	NA	40	NA	164.14	7.05	NA	157.09	NA	0.9	17
MW-5	01/14/2004	<50	<0.50	0.76	<0.50	<1.0	NA	47	NA	NA	NA	17	NA	164.14	6.29	NA	157.85	NA	1.6	209
MW-5	04/28/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	11	NA	164.14	6.84	NA	157.30	NA	0.4	136
MW-5	07/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	47	<2.0	<2.0	<2.0	12	<50	164.14	7.57	NA	156.57	NA	0.4	90
MW-5	10/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	13	NA	164.14	6.50	NA	157.64	NA	1.74	-21
MW-5	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	12	NA	164.14	5.83	NA	158.31	NA	0.1	-7
MW-5	04/06/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	164.14	5.91	NA	158.23	NA	1.05	-62
MW-5	07/08/2005	<50	<0.50	<0.50	<0.50	<0.50	NA	26	<0.50	<0.50	<0.50	18	<5.0	164.14	6.78	NA	157.36	NA	1.2	81

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-5	10/07/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	24	NA	164.14	7.64	NA	156.50	NA	NA	NA
MW-5	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	26.7	NA	NA	NA	46.3	NA	164.14	6.21	NA	157.93	NA	NA	NA
MW-5	04/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	39.1	NA	NA	NA	15.0	NA	164.14	6.05	NA	158.09	NA	NA	NA
MW-5	07/28/2006	103	<0.500	<0.500	<0.500	<0.500	NA	35.5	<0.500	<0.500	<0.500	<10.0	<50.0	164.14	7.54	NA	156.60	NA	NA	NA
MW-5	10/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	19.7	NA	NA	NA	26.0 d	NA	164.14	7.91	NA	156.23	NA	NA	NA
MW-5	01/10/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	11	NA	NA	NA	16	NA	164.14	6.38	NA	157.76	NA	NA	NA
MW-5	04/13/2007	76 g,h	<0.50	<1.0	<1.0	<1.0	NA	35	NA	NA	NA	37	NA	164.14	6.58	NA	157.56	NA	NA	NA
MW-5	07/09/2007	<50 g	<0.50	<1.0	<1.0	<1.0	NA	26	<2.0	<2.0	<2.0	34	<100	164.14	7.28	NA	156.86	NA	NA	NA
MW-5	10/08/2007	<50 g	<0.50	<1.0	<1.0	<1.0	NA	25	NA	NA	NA	28	NA	164.14	8.01	NA	156.13	NA	NA	NA
MW-5	01/09/2008	<50 g	0.15 i	<1.0	<1.0	<1.0	NA	11	NA	NA	NA	7.6 i	NA	164.14	5.45	NA	158.69	NA	NA	NA
MW-5	04/04/2008	50	<0.50	<1.0	<1.0	<1.0	NA	17	NA	NA	NA	<10	NA	164.14	6.61	NA	157.53	NA	NA	NA
MW-5	07/03/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	16	<2.0	<2.0	<2.0	11	<100	164.14	7.40	NA	156.74	NA	NA	NA
MW-5	10/03/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	17	NA	NA	NA	14	NA	164.14	7.90	NA	156.24	NA	NA	NA
MW-5	01/22/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	9.2	NA	NA	NA	<10	NA	164.14	6.30	NA	157.84	NA	NA	NA
MW-5	04/13/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	8.4	NA	NA	NA	<10	NA	164.14	6.42	NA	157.72	NA	NA	NA
MW-5	07/23/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	15	<2.0	<2.0	<2.0	<10	<100	164.14	7.60	NA	156.54	NA	NA	NA
<b>MW-5</b>	<b>02/01/2010</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>9.0</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>&lt;10</b>	<b>NA</b>	<b>164.14</b>	<b>5.80</b>	<b>NA</b>	<b>158.34</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-6	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	169.89	10.25	NA	159.64	NA	NA	NA
MW-6	07/28/2006	19,200	1,290	41.7	141	245	NA	777	3.37	<0.500	<0.500	8,340	<50.0	169.89	11.00	NA	158.89	NA	NA	NA
MW-6	10/27/2006	11,400	1,250	41.0	155	242	NA	569	NA	NA	NA	7,270	NA	169.89	11.41	NA	158.48	NA	NA	NA
MW-6	01/10/2007	7,000	1,000	26	270	240	NA	770	NA	NA	NA	17,000	NA	169.89	9.43	NA	160.46	NA	NA	NA
MW-6	04/13/2007	4,200 g	820	22	72	71	NA	490	NA	NA	NA	9,500	NA	169.89	9.81	NA	160.08	NA	NA	NA
MW-6	07/09/2007	6,100 g	960	23	65	116	NA	280	<40	<40	<40	8,400	<2,000	169.89	10.80	NA	159.09	NA	NA	NA
MW-6	10/08/2007	3,600 g	960	17 i	27	76 i	NA	260	NA	NA	NA	7,000	NA	169.89	11.64	NA	158.25	NA	NA	NA
MW-6	01/09/2008	Unable to access			NA	NA	NA	NA	NA	NA	NA	NA	NA	169.89	NA	NA	NA	NA	NA	NA
MW-6	01/22/2008	4,100 g	610	14 i	31	19 i	NA	180	NA	NA	NA	7,700	NA	169.89	8.81	NA	161.08	NA	NA	NA
MW-6	04/04/2008	6,100	760	<20	20	29	NA	240	NA	NA	NA	6,900	NA	169.89	10.01	NA	159.88	NA	NA	NA
MW-6	07/03/2008	7,100	1,100	<20	25	50	NA	220	<40	<40	<40	9,400	<2,000	169.89	10.94	NA	158.95	NA	NA	NA
MW-6	10/03/2008	7,400	1,000	<20	<20	116	NA	270	NA	NA	NA	8,400	NA	169.89	11.87	NA	158.02	NA	NA	NA
MW-6	01/22/2009	Unable to access			NA	NA	NA	NA	NA	NA	NA	NA	NA	169.89	NA	NA	NA	NA	NA	NA
MW-6	04/13/2009	5,300	690	<20	35	47	NA	210	NA	NA	NA	9,000	NA	169.89	9.70	NA	160.19	NA	NA	NA
MW-6	07/23/2009	6,800	1,100	<20	<20	42	NA	220	<40	<40	<40	7,400	<2000	169.89	11.09	NA	158.80	NA	NA	NA
<b>MW-6</b>	<b>02/01/2010</b>	<b>4,000</b>	<b>460</b>	<b>&lt;10</b>	<b>&lt;10</b>	<b>&lt;10</b>	<b>NA</b>	<b>88</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>8,400</b>	<b>NA</b>	<b>169.89</b>	<b>8.05</b>	<b>NA</b>	<b>161.84</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-7	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.87	9.59	NA	161.28	NA	NA	NA
MW-7	07/28/2006	5,860	72.0	6.67	25.4	165	NA	3,940	<0.500	<0.500	2.89	1,420	<50.0	170.87	10.08	NA	160.79	NA	NA	NA
MW-7	10/27/2006	1,180	8.67	<0.500	2.48	7.52	NA	1,100	NA	NA	NA	184	NA	170.87	10.13	NA	160.74	NA	NA	NA
MW-7	01/10/2007	1,000	12	<5.0	<5.0	<10	NA	2,200 f	NA	NA	NA	2,400	NA	170.87	8.41	NA	162.46	NA	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-7	04/13/2007	1,100 g,h	54	<20	18 i	23.5 i	NA	2,500	NA	NA	NA	3,800	NA	170.87	8.25	NA	162.62	NA	NA	NA
MW-7	07/09/2007	1,100 g	41	<20	8.8 i	4.5 i	NA	2,000	<40	<40	<40	1,200	<2,000	170.87	9.22	NA	161.65	NA	NA	NA
MW-7	10/08/2007	400 g	25	<20	<20	<20	NA	1,500	NA	NA	NA	740	NA	170.87	9.41	NA	161.46	NA	NA	NA
MW-7	01/09/2008	Unable to access			NA	NA	NA	NA	NA	NA	NA	NA	NA	170.87	NA	NA	NA	NA	NA	NA
MW-7	01/22/2008	160 g	32	<10	<10	<10	NA	1,900	NA	NA	NA	820	NA	170.87	7.63	NA	163.24	NA	NA	NA
MW-7	04/04/2008	Unable to access			NA	NA	NA	NA	NA	NA	NA	NA	NA	170.87	NA	NA	NA	NA	NA	NA
MW-7	07/03/2008	1,500	11	<10	<10	<10	NA	1,700	<20	<20	<20	680	<1,000	170.87	8.96	NA	161.91	NA	NA	NA
MW-7	10/03/2008	1,000	5.6	<10	<10	<10	NA	970	NA	NA	NA	550	NA	170.87	9.57	NA	161.30	NA	NA	NA
MW-7	01/22/2009	880	<5.0	<10	<10	18	NA	550	NA	NA	NA	250	NA	170.87	8.60	NA	162.27	NA	NA	NA
MW-7	04/13/2009	1,400	15	<10	<10	<10	NA	820	NA	NA	NA	440	NA	170.87	8.24	NA	162.63	NA	NA	NA
MW-7	07/23/2009	1,400	12	<10	<10	<10	NA	1,300	<20	<20	<20	550	<1000	170.87	9.10	NA	161.77	NA	NA	NA
<b>MW-7</b>	<b>02/01/2010</b>	<b>1,300</b>	<b>20</b>	<b>&lt;10</b>	<b>&lt;10</b>	<b>&lt;10</b>	<b>NA</b>	<b>1,300</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>920</b>	<b>NA</b>	<b>170.87</b>	<b>6.81</b>	<b>NA</b>	<b>164.06</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-8	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.13	4.53	NA	169.60	NA	NA	NA
MW-8	07/28/2006	2,300	<0.500	<0.500	<0.500	<0.500	NA	1,380	<0.500	<0.500	0.950	<10.0	<50.0	174.13	4.55	NA	169.58	NA	NA	NA
MW-8	10/27/2006	1,570	2.79 e	<0.500	<0.500	<0.500	NA	1,280 e	NA	NA	NA	<10.0	NA	174.13	4.87	NA	169.26	NA	NA	NA
MW-8	01/10/2007	540	<2.5	<2.5	<2.5	<5.0	NA	1,200 f	NA	NA	NA	750	NA	174.13	4.17	NA	169.96	NA	NA	NA
MW-8	04/13/2007	450 g,h	<5.0	<10	<10	<10	NA	1,400	NA	NA	NA	<100	NA	174.13	4.13	NA	170.00	NA	NA	NA
MW-8	07/09/2007	590 g	<5.0	<10	<10	<10	NA	1,000	<20	<20	<20	<100	<1,000	174.13	6.33	NA	167.80	NA	NA	NA
MW-8	10/08/2007	270 g,h	<5.0	<10	<10	<10	NA	1,200	NA	NA	NA	<100	NA	174.13	5.63	NA	168.50	NA	NA	NA
MW-8	01/09/2008	200 g,h	<2.5	<5.0	<5.0	<5.0	NA	370	NA	NA	NA	<50	NA	174.13	4.17	NA	169.96	NA	NA	NA
MW-8	04/04/2008	1,000	<5.0	<10	<10	<10	NA	930	NA	NA	NA	<100	NA	174.13	4.36	NA	169.77	NA	NA	NA
MW-8	07/03/2008	960	<5.0	<10	<10	<10	NA	1,000	<20	<20	<20	<100	<1,000	174.13	5.05	NA	169.08	NA	NA	NA
MW-8	10/03/2008	820	<5.0	<10	<10	<10	NA	830	NA	NA	NA	<100	NA	174.13	5.54	NA	168.59	NA	NA	NA
MW-8	01/22/2009	1,000	<2.5	<5.0	<5.0	<5.0	NA	740	NA	NA	NA	<50	NA	174.13	5.00	NA	169.13	NA	NA	NA
MW-8	04/13/2009	810	<2.5	<5.0	<5.0	<5.0	NA	520	NA	NA	NA	<50	NA	174.13	4.51	NA	169.62	NA	NA	NA
MW-8	07/23/2009	840	<2.5	<5.0	<5.0	<5.0	NA	830	<10	<10	<10	<50	<500	174.13	4.92	NA	169.21	NA	NA	NA
<b>MW-8</b>	<b>02/01/2010</b>	<b>270</b>	<b>&lt;1.0</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>&lt;2.0</b>	<b>NA</b>	<b>260</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>&lt;20</b>	<b>NA</b>	<b>174.13</b>	<b>3.65</b>	<b>NA</b>	<b>170.48</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
MW-9	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.20	6.41	NA	168.79	NA	NA	NA
MW-9	07/28/2006	5,690	19.2	2.64	2.02	57.7	NA	5,780	<0.500	<0.500	2.74	166	<50.0	175.20	6.69	NA	168.51	NA	NA	NA
MW-9	10/27/2006	2,710	34.2	<0.500	2.76	4.75	NA	2,140	NA	NA	NA	29.2 d	NA	175.20	6.90	NA	168.30	NA	NA	NA
MW-9	01/10/2007	1,500	340	6.8	8.9	27	NA	2,300 f	NA	NA	NA	1,400	NA	175.20	6.14	NA	169.06	NA	NA	NA
MW-9	04/13/2007	1,600 g,h	390	4.1 i	8.6 i	4.7 i	NA	3,700	NA	NA	NA	120	NA	175.20	6.17	NA	169.03	NA	NA	NA
MW-9	07/09/2007	1,200 g	55	<25	<25	<25	NA	2,500	<50	<50	<50	<250	<2,500	175.20	6.65	NA	168.55	NA	NA	NA
MW-9	10/08/2007	520 g,h	9.1 i	<25	<25	<25	NA	2,500	NA	NA	NA	<250	NA	175.20	7.58	NA	167.62	NA	NA	NA
MW-9	01/09/2008	350 g,h	3.4 i	<10	<10	<10	NA	650	NA	NA	NA	<100	NA	175.20	6.30	NA	168.90	NA	NA	NA
MW-9	04/04/2008	1,500	88	<10	<10	<10	NA	1,200	NA	NA	NA	<100	NA	175.20	6.05	NA	169.15	NA	NA	NA
MW-9	07/03/2008	2,600	70	<10	<10	<10	NA	2,800	<20	<20	<20	<100	<1,000	175.20	7.00	NA	168.20	NA	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-9	10/03/2008	2,600	160	<20	<20	<20	NA	2,400	NA	NA	NA	<200	NA	175.20	7.39	NA	167.81	NA	NA	NA
MW-9	01/22/2009	2,900	130	<20	<20	30	NA	1,900	NA	NA	NA	<200	NA	175.20	7.00	NA	168.20	NA	NA	NA
MW-9	04/13/2009	5,200	590	24	60	89	NA	1,600	NA	NA	NA	230	NA	175.20	6.47	NA	168.73	NA	NA	NA
MW-9	07/23/2009	6,300	830	30	150	130	NA	3,200	<20	<20	<20	170	<1000	175.20	7.05	NA	168.15	NA	NA	NA
<b>MW-9</b>	<b>02/01/2010</b>	<b>18,000</b>	<b>1,900</b>	<b>130</b>	<b>770</b>	<b>1,200</b>	<b>NA</b>	<b>2,400</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>430</b>	<b>NA</b>	<b>175.20</b>	<b>5.70</b>	<b>NA</b>	<b>169.50</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
TB-1	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.00	NA	NA	NA	3.8	-132
TB-1	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.65	NA	NA	NA	0.2	-165
TB-1	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.72	NA	NA	NA	0.8	-178
TB-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65	NA	NA	NA	0.5	-152
TB-1	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.13	NA	NA	NA	1.0	-124
TB-1	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	NA	NA	NA	0.7	-73
TB-1	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.09	NA	NA	NA	1.2	-118
TB-1	04/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA	1.0	-72
TB-1	07/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.03	NA	NA	NA	1.4	31
TB-1	10/31/2001	1,000	85	<10	<10	42	NA	4,100	NA	NA	NA	NA	NA	NA	5.89	NA	NA	NA	1.8	88
TB-1	01/10/2002	5,000	410	390	65	620	NA	9,000	NA	NA	NA	NA	NA	NA	7.47	NA	NA	NA	2.0	95
TB-1	04/25/2002	5,000	780	60	49	91	NA	6,000	NA	NA	NA	NA	NA	NA	11.71	NA	NA	NA	1.7	-136
TB-1	07/18/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA	NA	NA
TB-1	10/07/2002	4,600	480	36	98	200	NA	4,000	NA	NA	NA	NA	NA	NA	12.95	NA	NA	NA	1.6	-48
TB-1	01/06/2003	130	30	<0.50	<0.50	0.78	NA	330	NA	NA	NA	NA	NA	NA	5.56	NA	NA	NA	0.4	-20
TB-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.76	NA	NA	NA	4.2	-108
TB-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.33	NA	NA	NA	0.5	-148
TB-2	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.79	NA	NA	NA	0.7	-162
TB-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.75	NA	NA	NA	0.9	-121
TB-2	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.73	NA	NA	NA	0.9	-85
TB-2	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.05	NA	NA	NA	0.6	-47
TB-2	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.87	NA	NA	NA	0.7	-91
TB-2	04/09/2001	46,600	1,240	1,310	1,110	12,100	31,300	NA	NA	NA	NA	NA	NA	NA	3.76	NA	NA	NA	0.8	-24
TB-2	07/24/2001	11,000	630	<25	310	200	NA	11,000	NA	NA	NA	NA	NA	NA	4.75	NA	NA	NA	0.4	-51
TB-2	10/31/2001	7,500	530	1,500	100	500	NA	2,500	NA	NA	NA	NA	NA	NA	4.24	NA	NA	NA	0.6	-7
TB-2	01/10/2002	<5,000	480	47	34	110	NA	12,000	NA	NA	NA	NA	NA	NA	6.26	NA	NA	NA	1.3	-81
TB-2	04/25/2002	4,700	470	140	<20	80	NA	7,400	NA	NA	NA	NA	NA	NA	11.78	NA	NA	NA	0.9	-107
TB-2	07/18/2002	7,500	630	650	<25	390	NA	44,000	NA	NA	NA	NA	NA	NA	12.34	NA	NA	NA	0.9	-67
TB-2	10/07/2002	<10,000	580	<100	<100	180	NA	30,000	NA	NA	NA	NA	NA	NA	11.62	NA	NA	NA	1.0	-41
TB-2	01/06/2003	120	4.8	<0.50	<0.50	2.0	NA	220	NA	NA	NA	NA	NA	NA	4.35	NA	NA	NA	0.5	-515

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

DO = Dissolved Oxygens

ppm = Parts per million

ORP = Oxidation Reduction Potential

mV = Millivolts

**WELL CONCENTRATIONS**  
**Former Shell-branded Service Station**  
**4255 MacArthur Boulevard**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	-------------------	--------------	----------------------------	--------------------------	--------------------------	---------------------------	------------------------	------------------------

Notes:

a = Ground water surface had a sheen when sampled.

b = MTBE value is estimated by Sequoia Analytical of Redwood City, CA.

c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

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

e = pH>2

f = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

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

h = 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.

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

\* = Sample analyzed outside the EPA recommended holding time.

Ethanol analyzed by EPA Method 8260B.

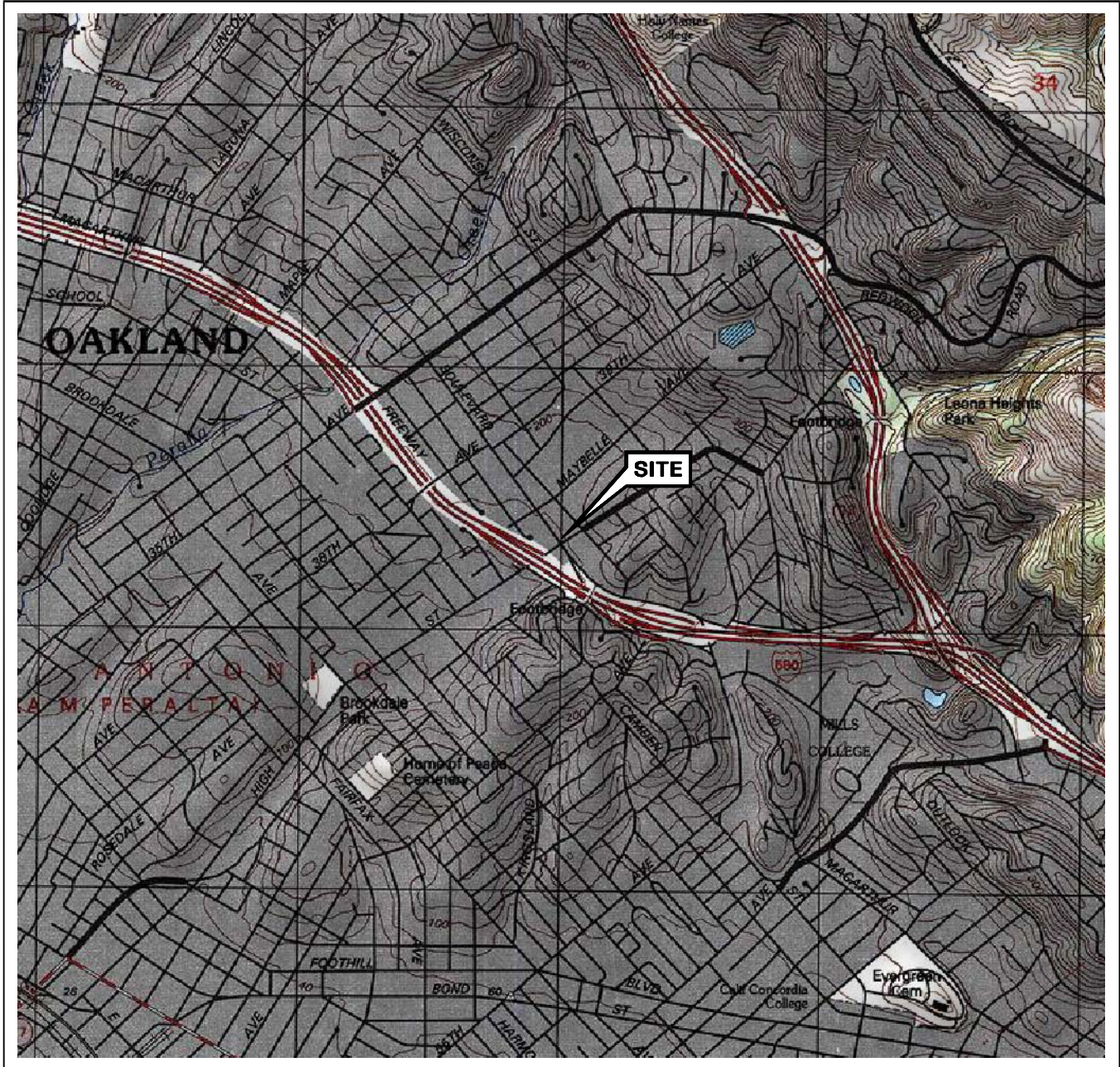
Site surveyed March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).

Wells MW-6, MW-7, MW-8 and MW-9 surveyed July 12, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

# FIGURES





SOURCE:

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

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



SCALE 1:24,000



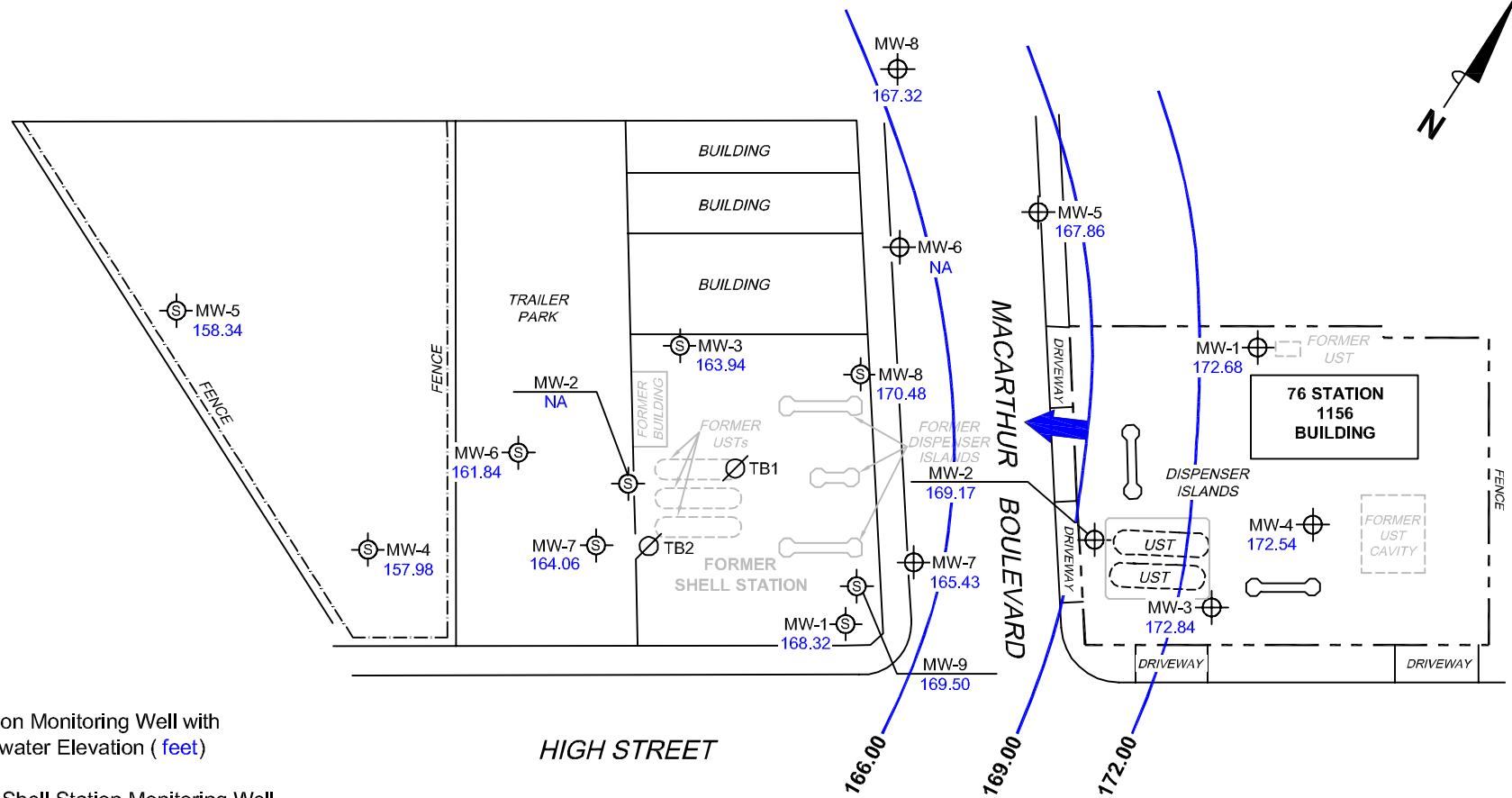
QUADRANGLE  
LOCATION



76 STATION 1156  
4276 MACARTHUR BOULEVARD  
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1



**LEGEND**

- MW-8 ⊕ 76 Station Monitoring Well with Groundwater Elevation ( feet)
- MW-9 ⊙ Former Shell Station Monitoring Well
- TB2 ∅ Destroyed Shell Well
- 172.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

**NOTES:**

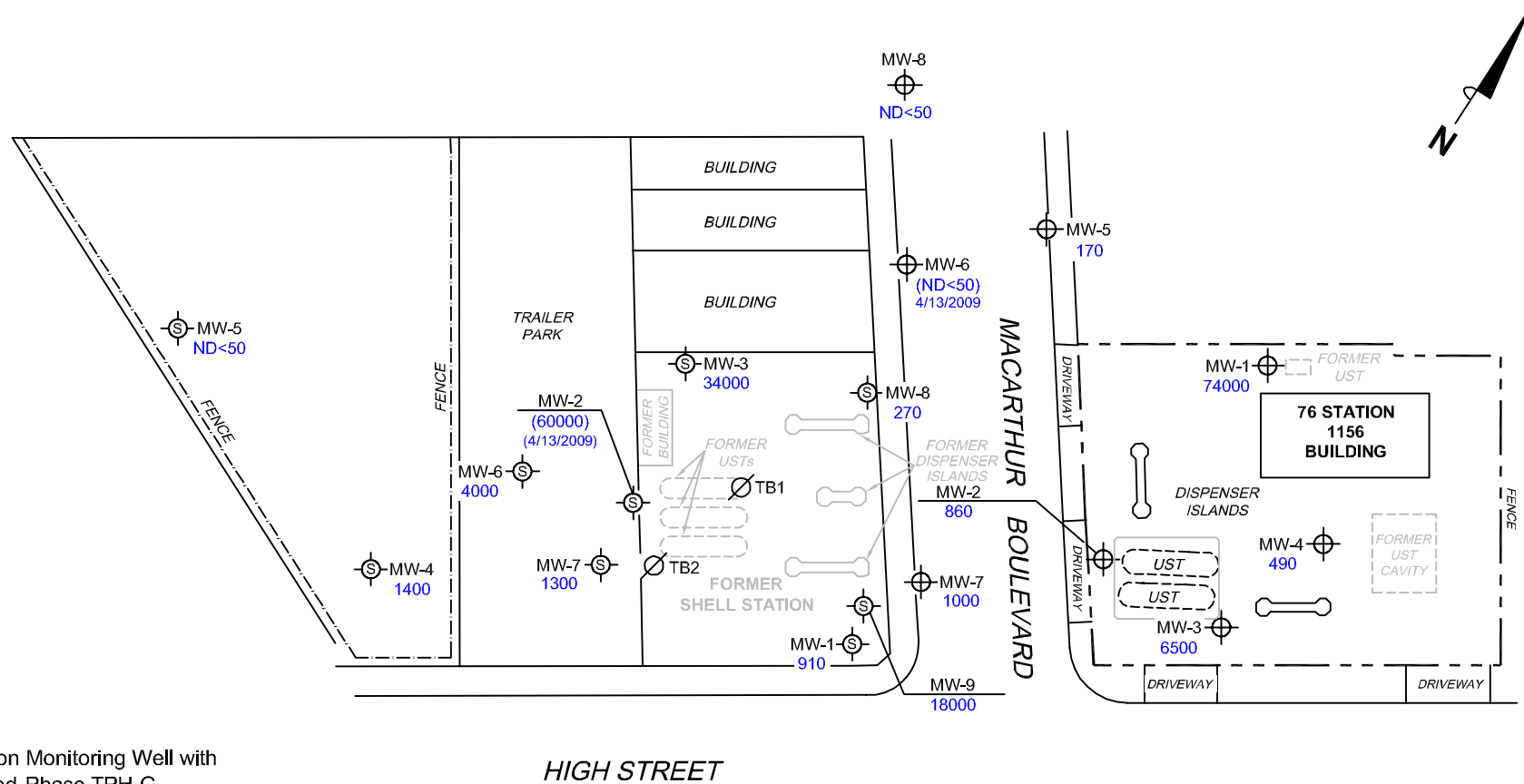
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank. Former Shell Station data provided by CRA; not included in groundwater contour interpretation.



PROJECT: 173845  
 FACILITY:  
 76 STATION 1156  
 4276 MACARTHUR BOULEVARD  
 OAKLAND, CALIFORNIA

**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 February 1, 2010**

**FIGURE 2**

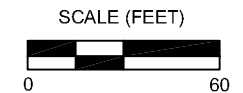


**LEGEND**

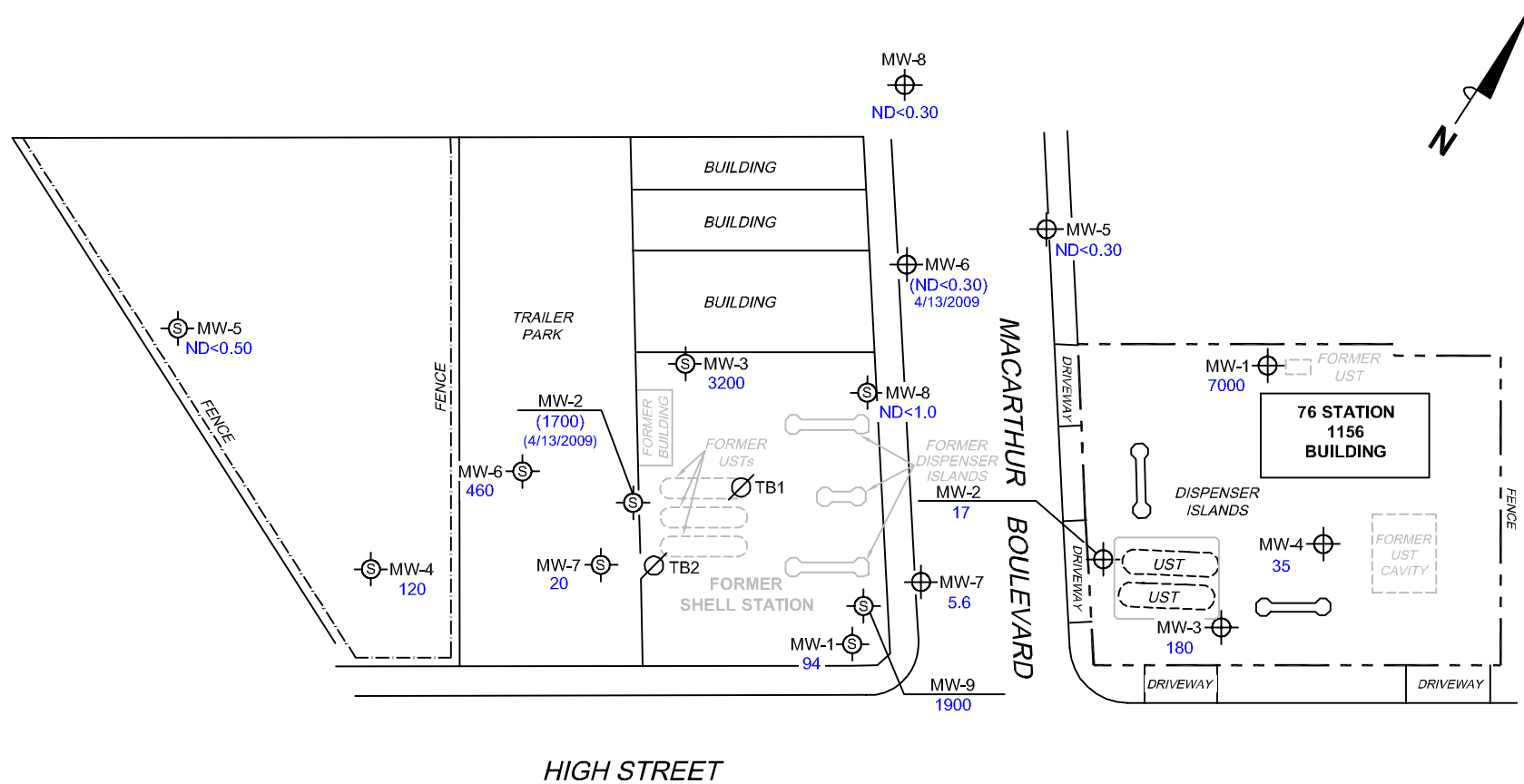
- MW-8 76 Station Monitoring Well with Dissolved-Phase TPH-G Concentration ( $\mu\text{g/l}$ )
- MW-9 Former Shell Station Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )
- TB2 Destroyed Shell Well

**NOTES**

TPH-G = total petroleum hydrocarbons as gasoline.  
 TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank.  
 Former Shell Station data provided by CRA; TPH-G (GC/MS). Results obtained using EPA Method 8015.



	PROJECT: 173845	<b>DISSOLVED-PHASE TPH-G                  CONCENTRATION MAP</b> February 1, 2010
	FACILITY: 76 STATION 1156 4276 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA	
		<b>FIGURE 3</b>

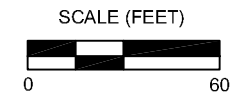


**LEGEND**

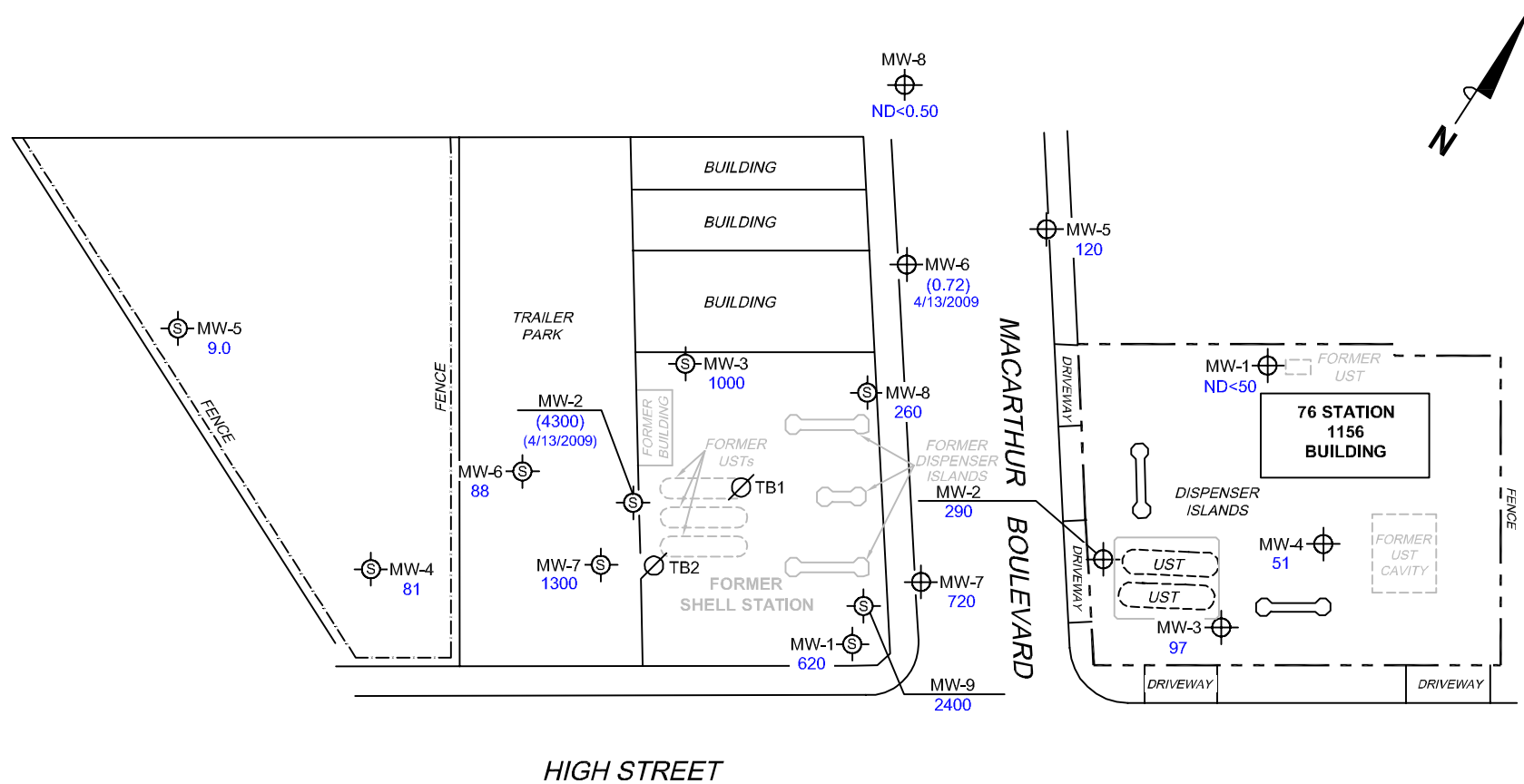
- MW-8 76 Station Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ )
- MW-9 Former Shell Station Monitoring Well
- TB2 Destroyed Shell Well

**NOTES:**

$\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank. Former Shell Station data provided by CRA.

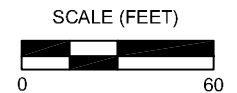


	PROJECT: 173845	<b>DISSOLVED-PHASE BENZENE CONCENTRATION MAP</b> February 1, 2010
	FACILITY: 76 STATION 1156 4276 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA	
<b>FIGURE 4</b>		



**LEGEND**

- MW-8 ⊕ 76 Station Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )
- MW-9 ⊖ Former Shell Station Monitoring Well
- TB2 ∅ Destroyed Shell Well



**NOTES:**

MTBE = methyl tertiary butyl ether.  $\mu\text{g/l}$  = micrograms per liter. ( ) = representative historical value.  
 UST = underground storage tank. Former Shell Station data provided by CRA. Results obtained using EPA Method 8260B.



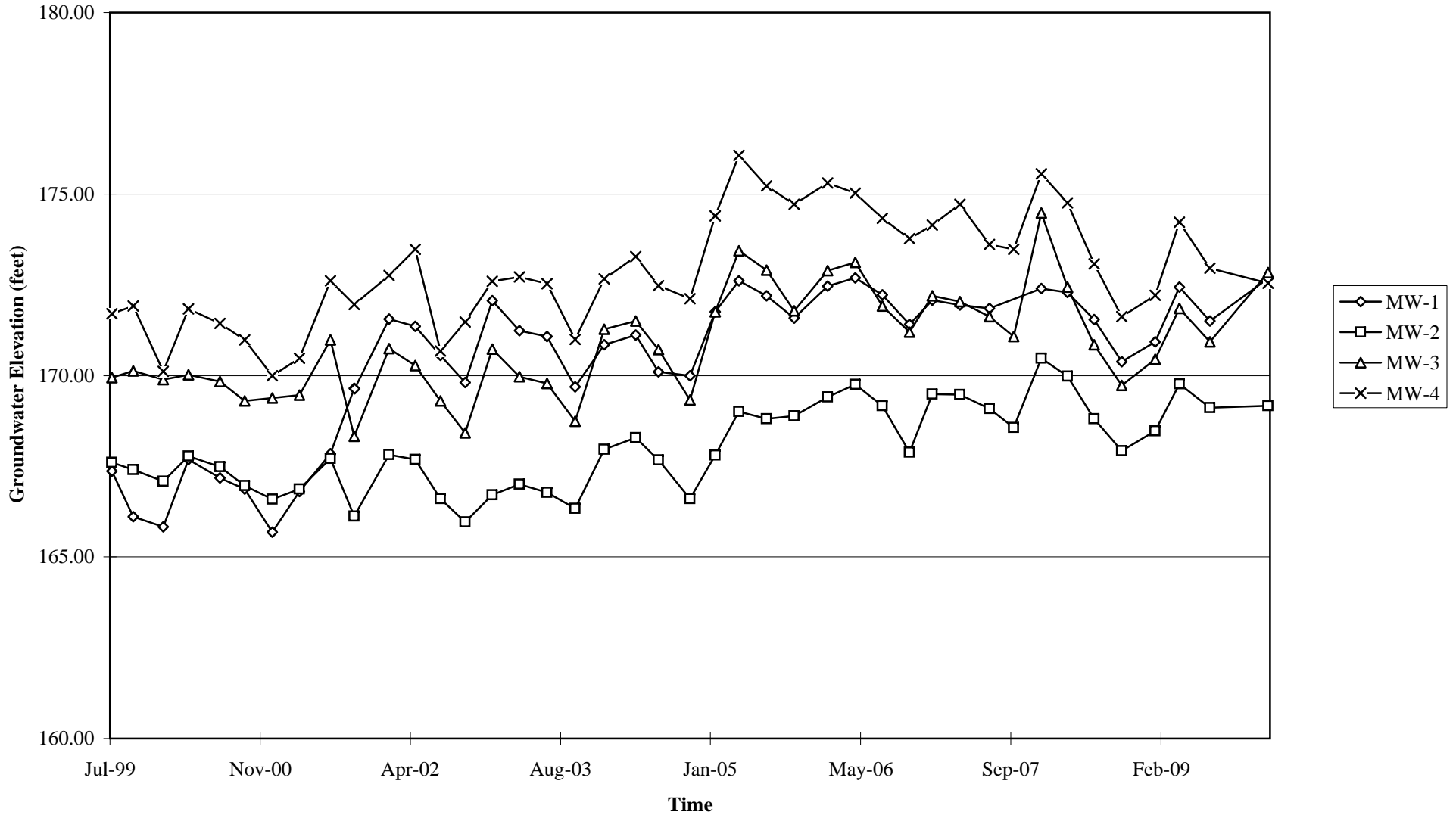
PROJECT: 173845  
 FACILITY:  
 76 STATION 1156  
 4276 MACARTHUR BOULEVARD  
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE  
 CONCENTRATION MAP  
 February 1, 2010**

**FIGURE 5**

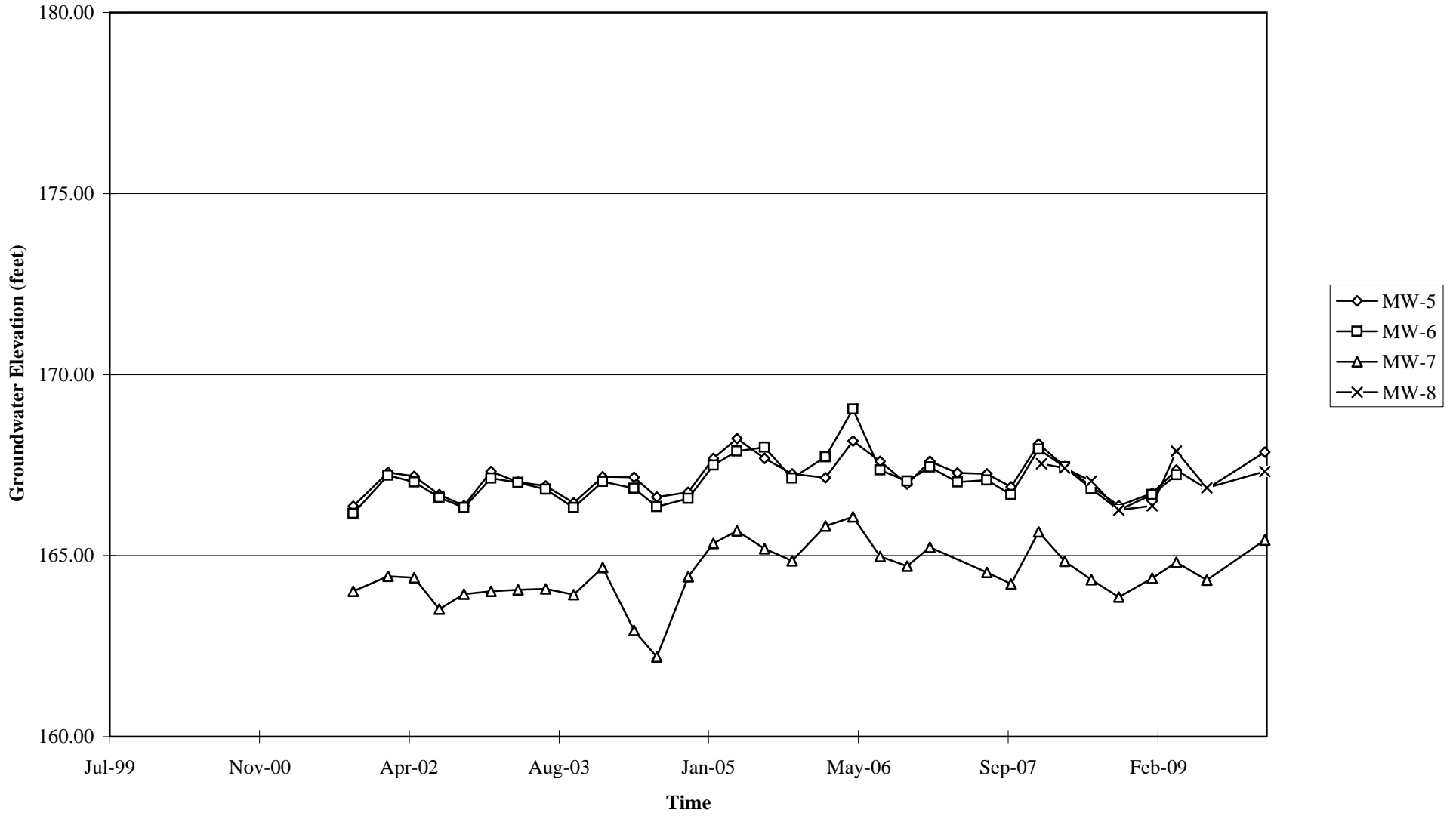
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 1156



Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 1156

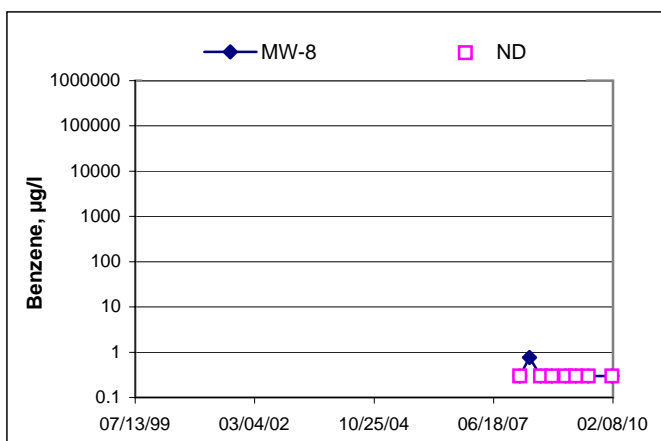
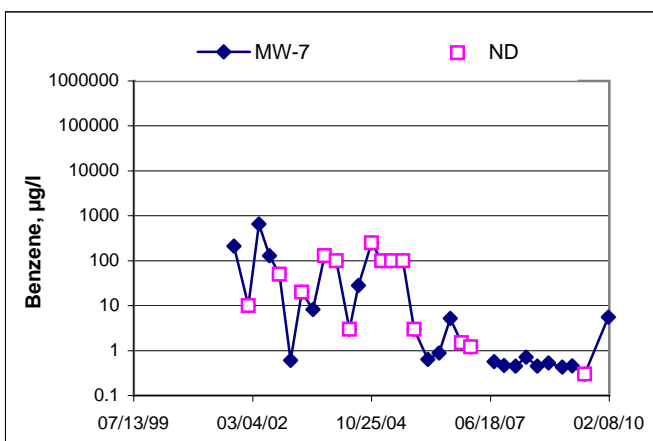
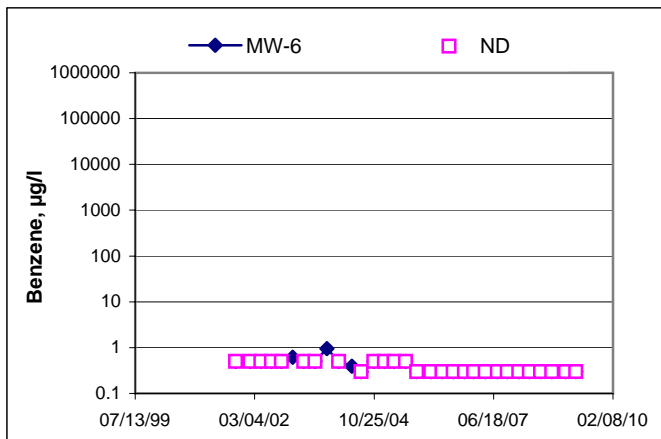
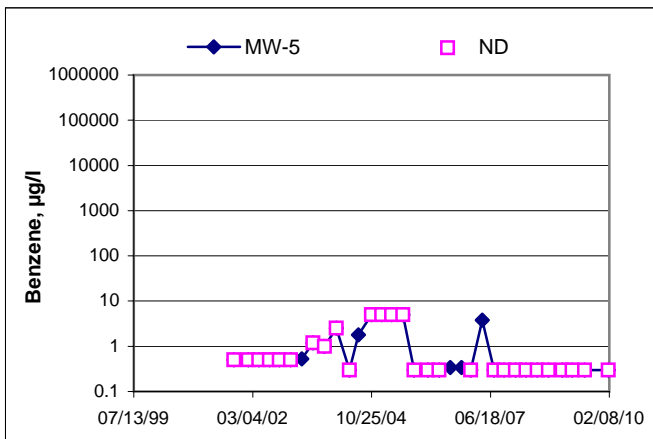
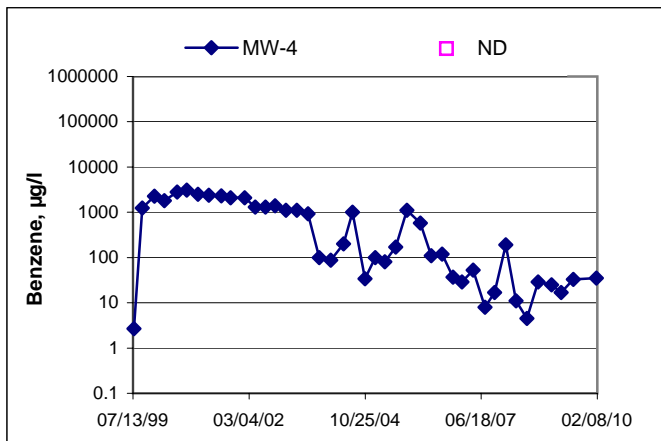
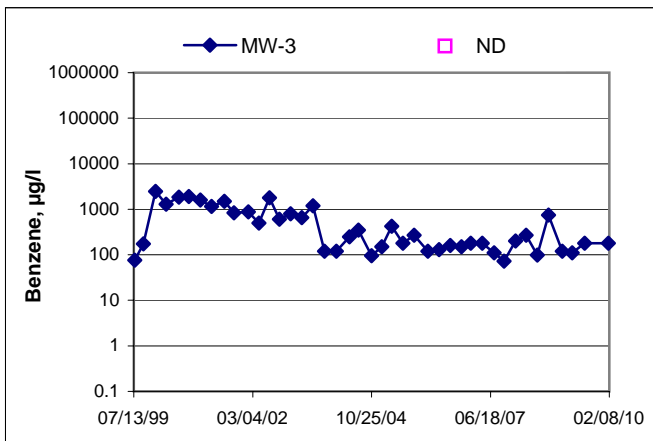
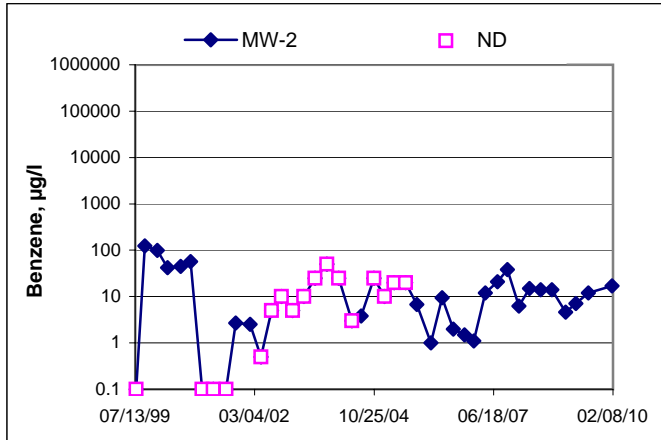
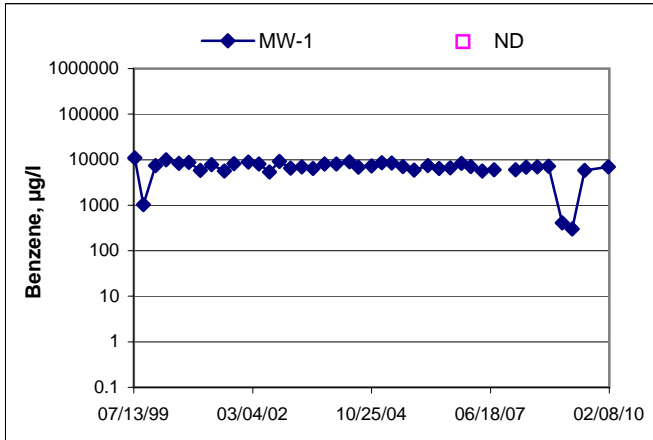


Elevations may have been corrected for apparent changes due to resurvey

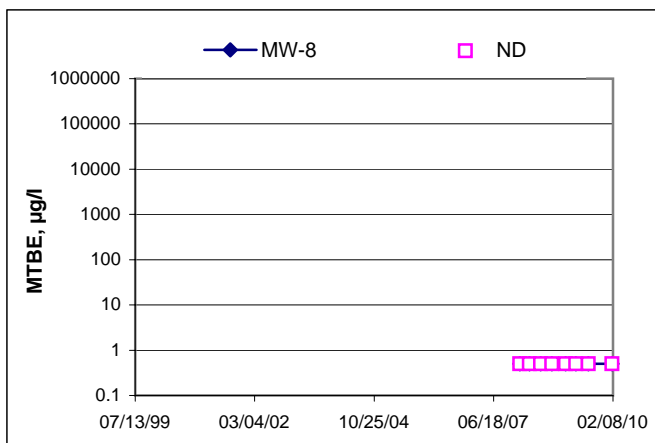
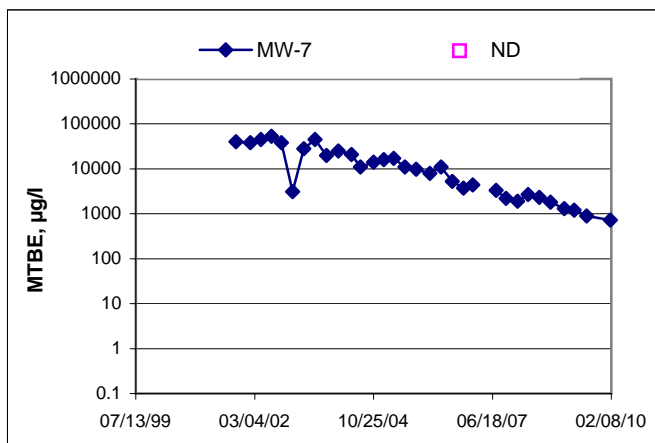
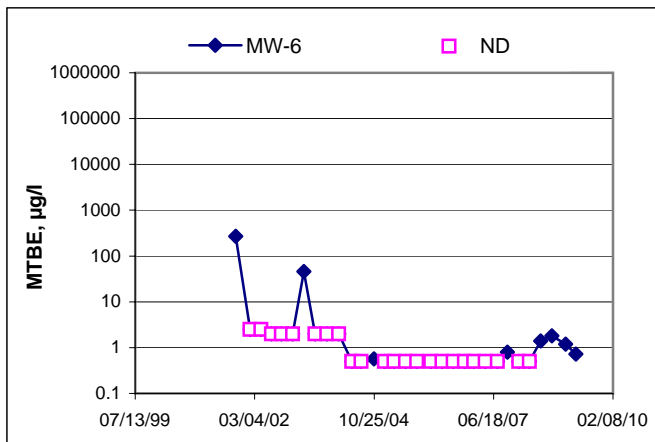
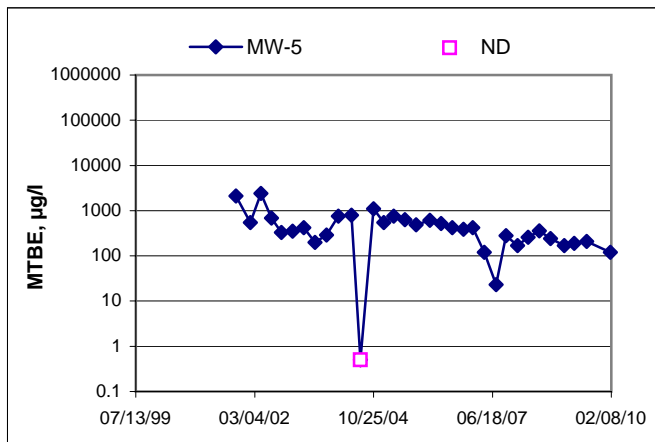
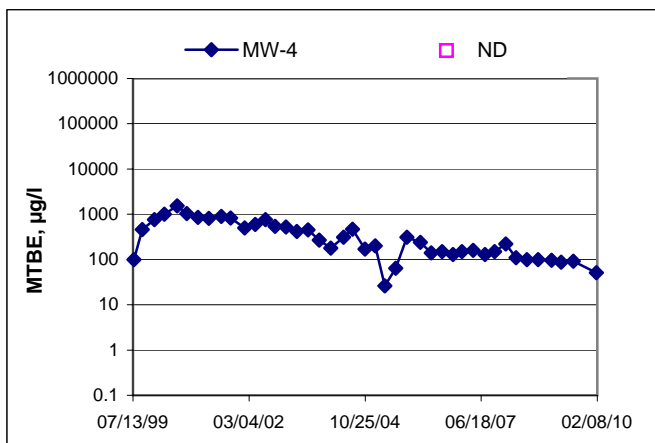
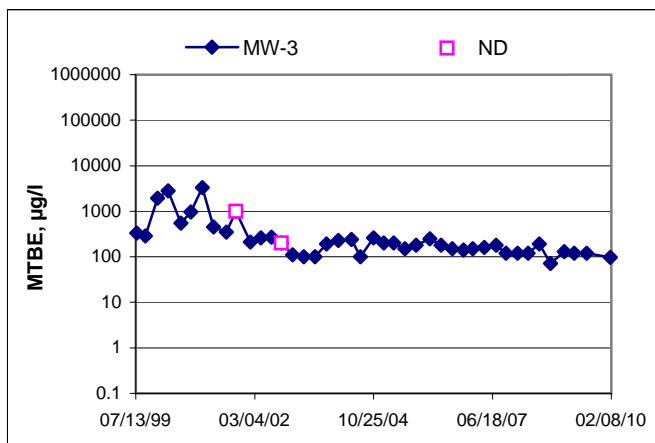
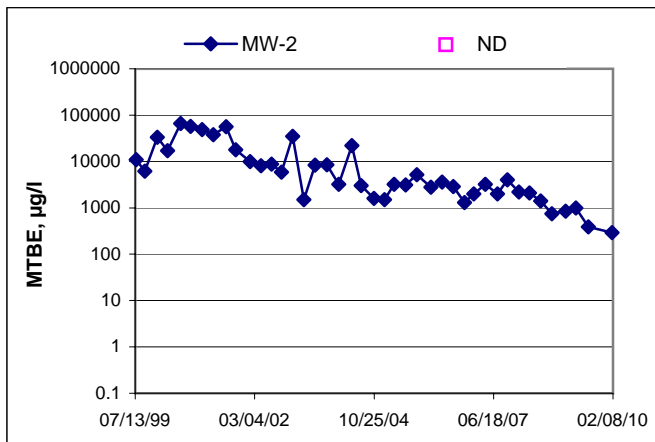
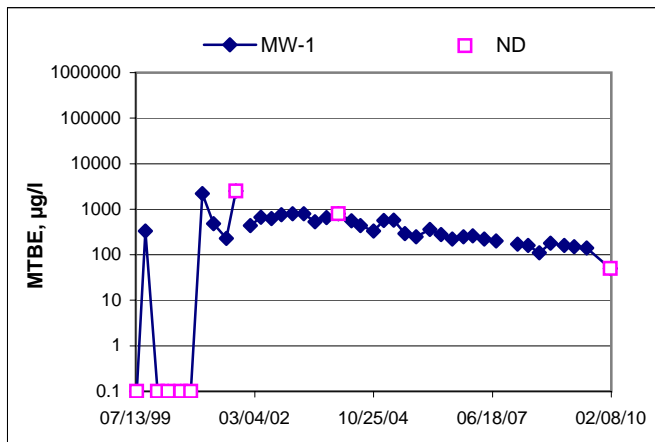


# Benzene Concentrations vs Time

76 Station 1156



### MTBE Concentrations vs Time 76 Station 1156



# GENERAL FIELD PROCEDURES

## **Groundwater Monitoring and Sampling Assignments**

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

## **Fluid Level Measurements**

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

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

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

## **Purging and Groundwater Parameter Measurement**

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

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

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

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

## **Groundwater Sample Collection**

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

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

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

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

## **Sequence of Gauging, Purging and Sampling**

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

## **Decontamination**

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

## **Exceptions**

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

# FIELD MONITORING DATA SHEET

Technician: A. Vidars      - Job #/Task #: 173845 / FA20      Date: 02/01/10  
 Site # 1156      Project Manager A. Collins      Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-8	✓	0546	25.02	0.65	—	—	0925	2"
MW-6	—	—	—	—	—	—	N/S	Well paved over
MW-5	✓	0557	25.29	1.32	—	—	0938	2"
MW-7	✓	0607	23.98	6.21	—	—	1005	2"
MW-2	✓	0620	25.39	4.33	—	—	1032	2"
MW-4	✓	0625	25.18	6.42	—	—	1043	2"
MW-3	✓	0630	24.72	5.29	—	—	1055	2"
MW-1	✓	0636	25.08	4.86	—	—	1107	2"

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



## GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidlers

Site: 1136

Project No.: 173945

Date: 02/01/10

Well No. MW-8

Purge Method: Sub

Depth to Water (feet): 0.65

Depth to Product (feet): —

Total Depth (feet): 25.02

LPH & Water Recovered (gallons): —

Water Column (feet): 24.37

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 5.52

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							3.17	-17	
0710			5	744.6	15.9	6.98	2.44	-28	
			16	747.8	17.1	7.07	2.16	-25	
	0717		15	746.1	17.6	7.10	2.94	-16	
Static at Time Sampled			Total Gallons Purged			Sample Time			
0.65			15			0925			
Comments:									

Well No. MW-6

Purge Method: N/A

Depth to Water (feet): —

Depth to Product (feet): —

Total Depth (feet): —

LPH & Water Recovered (gallons): —

Water Column (feet): —

Casing Diameter (Inches): —

80% Recharge Depth(feet): —

1 Well Volume (gallons): —

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
Static at Time Sampled			Total Gallons Purged			Sample Time			
Comments: <u>well paved over</u>									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidlers

Site: 1156

Project No.: 173845

Date: 02/01/10

Well No. MW-5

Purge Method: Sub

Depth to Water (feet): 1.32

Depth to Product (feet): —

Total Depth (feet): 25.29

LPH & Water Recovered (gallons): —

Water Column (feet): 23.97

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 6.11

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
<b>Pre-Purge</b>							1.82	21	
0726			5	892.6	16.9	7.00	1.41	20	
			10	894.4	17.8	7.02	1.66	23	
	0732		15	898.5	18.3	6.99	1.84	23	
Static at Time Sampled			Total Gallons Purged			Sample Time			
1.51			15			0938			
<b>Comments:</b>									

Well No. MW-7

Purge Method: Sub

Depth to Water (feet): 6.21

Depth to Product (feet): —

Total Depth (feet): 23.98

LPH & Water Recovered (gallons): —

Water Column (feet): 17.77

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.76

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
<b>Pre-Purge</b>							1.86	-33	
0743			4	772.0	15.9	6.83	1.01	-22	
			8	870.3	17.0	6.85	0.91	-16	
	0748		12	882.0	16.9	6.92	0.97	-12	
Static at Time Sampled			Total Gallons Purged			Sample Time			
7.37			12			1005			
<b>Comments:</b>									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 1156

Project No.: 173845

Date: 02/01/10

Well No. MW-2

Purge Method: Sub

Depth to Water (feet): 4.33

Depth to Product (feet): —

Total Depth (feet): 25.39

LPH & Water Recovered (gallons): —

Water Column (feet): 21.06

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.54

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.13	3	
0805			4	631.3	16.2	6.91	1.42	0	
			8	632.5	17.4	6.85	1.87	-5	
	0811		12	656.8	18.1	6.80	1.51	-14	
Static at Time Sampled			Total Gallons Purged			Sample Time			
12.38			12			1032			
Comments: <u>Did not recover in 2 hours.</u>									

Well No. MW-4

Purge Method: Sub

Depth to Water (feet): 6.42

Depth to Product (feet): —

Total Depth (feet): 25.19

LPH & Water Recovered (gallons): —

Water Column (feet): 18.76

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.17

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.67	-76	
0820			4	899.1	17.9	6.79	0.98	-78	
			8	878.2	19.3	6.81	0.88	-71	
	0828		12	815.9	19.0	6.96	0.90	-70	
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.48			12			1043			
Comments:									



## GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidners

Site: 1156

Project No.: 173845

Date: 02/01/10

Well No. MW-3

Purge Method: Sub

Depth to Water (feet): 5.29

Depth to Product (feet): —

Total Depth (feet) 24.72

LPH & Water Recovered (gallons): —

Water Column (feet): 19.43

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.19

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.12	-63	
0835			4	817.5	18.6	6.85	1.16	-73	
			8	777.8	18.8	6.82	0.89	-81	
	0840		12	834.0	19.5	6.81	0.79	-89	
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.15			12			1055			
Comments:									

Well No. MW-1

Purge Method: Sub

Depth to Water (feet): 4.86

Depth to Product (feet): —

Total Depth (feet) 25.08

LPH & Water Recovered (gallons): —

Water Column (feet): 20.22

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.90

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.18	-98	
0853			4	718.6	18.3	7.24	0.97	-105	
	0858		8	734.8	18.9	7.22	0.81	-108	
			12						
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.98			8			1107			
Comments: Dry at 8 gallons. Did not recover in 45 minutes.									

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 02/01/10 SITE ID: 1156

TECH: A. Vidwers CALLED SUPERVISOR:  YES / NO

CALLED PM: YES / NO NAME OF PM: \_\_\_\_\_

WELL ID: MW-6  
well paved over

WELL ID: \_\_\_\_\_

WELL ID: \_\_\_\_\_



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



Date of Report: 02/10/2010

Anju Farfan

TRC

123 Technology Drive  
Irvine, CA 92618

RE: 1156  
BC Work Order: 1001426  
Invoice ID: B075405

Enclosed are the results of analyses for samples received by the laboratory on 2/1/2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers  
Client Service Rep

Authorized Signature



TRC  
123 Technology Drive  
Irvine, CA 92618

Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

**Reported:** 02/10/2010 10:27

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:
1001426-01	<b>COC Number:</b>	---		02/01/2010 22:20	02/01/2010 09:25	---	Water	Global ID: T0600102279
	<b>Project Number:</b>	1156						Location ID (FieldPoint): MW-8
	<b>Sampling Location:</b>	---						Matrix: W
	<b>Sampling Point:</b>	MW-8						Sample QC Type (SACode): CS
	<b>Sampled By:</b>	TRCI						Cooler ID:
1001426-02	<b>COC Number:</b>	---		02/01/2010 22:20	02/01/2010 09:38	---	Water	Global ID: T0600102279
	<b>Project Number:</b>	1156						Location ID (FieldPoint): MW-5
	<b>Sampling Location:</b>	---						Matrix: W
	<b>Sampling Point:</b>	MW-5						Sample QC Type (SACode): CS
	<b>Sampled By:</b>	TRCI						Cooler ID:
1001426-03	<b>COC Number:</b>	---		02/01/2010 22:20	02/01/2010 10:05	---	Water	Global ID: T0600102279
	<b>Project Number:</b>	1156						Location ID (FieldPoint): MW-7
	<b>Sampling Location:</b>	---						Matrix: W
	<b>Sampling Point:</b>	MW-7						Sample QC Type (SACode): CS
	<b>Sampled By:</b>	TRCI						Cooler ID:
1001426-04	<b>COC Number:</b>	---		02/01/2010 22:20	02/01/2010 10:32	---	Water	Global ID: T0600102279
	<b>Project Number:</b>	1156						Location ID (FieldPoint): MW-2
	<b>Sampling Location:</b>	---						Matrix: W
	<b>Sampling Point:</b>	MW-2						Sample QC Type (SACode): CS
	<b>Sampled By:</b>	TRCI						Cooler ID:



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

**Reported:** 02/10/2010 10:27

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
1001426-05	<b>COC Number:</b>	---		<b>Receive Date:</b>	02/01/2010 22:20	Delivery Work Order:
	<b>Project Number:</b>	1156		<b>Sampling Date:</b>	02/01/2010 10:43	Global ID: T0600102279
	<b>Sampling Location:</b>	---		<b>Sample Depth:</b>	---	Location ID (FieldPoint): MW-4
	<b>Sampling Point:</b>	MW-4		<b>Sample Matrix:</b>	Water	Matrix: W
	<b>Sampled By:</b>	TRCI				Sample QC Type (SACode): CS Cooler ID:
1001426-06	<b>COC Number:</b>	---		<b>Receive Date:</b>	02/01/2010 22:20	Delivery Work Order:
	<b>Project Number:</b>	1156		<b>Sampling Date:</b>	02/01/2010 10:55	Global ID: T0600102279
	<b>Sampling Location:</b>	---		<b>Sample Depth:</b>	---	Location ID (FieldPoint): MW-3
	<b>Sampling Point:</b>	MW-3		<b>Sample Matrix:</b>	Water	Matrix: W
	<b>Sampled By:</b>	TRCI				Sample QC Type (SACode): CS Cooler ID:
1001426-07	<b>COC Number:</b>	---		<b>Receive Date:</b>	02/01/2010 22:20	Delivery Work Order:
	<b>Project Number:</b>	1156		<b>Sampling Date:</b>	02/01/2010 11:07	Global ID: T0600102279
	<b>Sampling Location:</b>	---		<b>Sample Depth:</b>	---	Location ID (FieldPoint): MW-1
	<b>Sampling Point:</b>	MW-1		<b>Sample Matrix:</b>	Water	Matrix: W
	<b>Sampled By:</b>	TRCI				Sample QC Type (SACode): CS Cooler ID:



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Project Number: [none]  
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## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b>	1001426-01	<b>Client Sample Name:</b>	1156, MW-8, 2/1/2010 9:25:00AM									
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	02/04/10	02/04/10 19:32	KEA	MS-V12	1	BTB0287	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:32	KEA	MS-V12	1	BTB0287		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:32	KEA	MS-V12	1	BTB0287		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:32	KEA	MS-V12	1	BTB0287		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-01		Client Sample Name: 1156, MW-8, 2/1/2010 9:25:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307	ND	
Toluene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307	ND	
Ethylbenzene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307	ND	
Total Xylenes	ND	ug/L	0.60	EPA-8021	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	Luft	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	93.7	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307		
a,a,a-Trifluorotoluene (FID Surrogate)	95.9	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 05:40	jjh	GC-V4	1	BTB0307		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b>	1001426-01	<b>Client Sample Name:</b>	1156, MW-8, 2/1/2010 9:25:00AM									
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	02/03/10	02/04/10 10:17	MLR	GC-5	0.980	BTB0275	ND	
Tetracosane (Surrogate)	76.4	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 10:17	MLR	GC-5	0.980	BTB0275		



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Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-02	<b>Client Sample Name:</b> 1156, MW-5, 2/1/2010 9:38:00AM												
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Methyl t-butyl ether	120	ug/L	2.5	EPA-8260	02/04/10	02/04/10 18:38	KEA	MS-V12	5	BTB0287	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	99.8	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:38	KEA	MS-V12	5	BTB0287			
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:38	KEA	MS-V12	5	BTB0287			
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:38	KEA	MS-V12	5	BTB0287			



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## Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-02		Client Sample Name: 1156, MW-5, 2/1/2010 9:38:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307	ND	
Toluene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307	ND	
Ethylbenzene	ND	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307	ND	
Total Xylenes	ND	ug/L	0.60	EPA-8021	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307	ND	
<b>Gasoline Range Organics (C4 - C12)</b>	<b>170</b>	<b>ug/L</b>	<b>50</b>	<b>Luft</b>	<b>02/04/10</b>	<b>02/05/10 06:01</b>	<b>jjh</b>	<b>GC-V4</b>	<b>1</b>	<b>BTB0307</b>	<b>ND</b>	<b>A91</b>
a,a,a-Trifluorotoluene (PID Surrogate)	98.0	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307		
a,a,a-Trifluorotoluene (FID Surrogate)	94.7	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 06:01	jjh	GC-V4	1	BTB0307		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

### Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-02		<b>Client Sample Name:</b> 1156, MW-5, 2/1/2010 9:38:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	02/03/10	02/04/10 10:32	MLR	GC-5	0.970	BTB0275	ND	
Tetracosane (Surrogate)	69.2	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 10:32	MLR	GC-5	0.970	BTB0275		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-03	<b>Client Sample Name:</b> 1156, MW-7, 2/1/2010 10:05:00AM												
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Methyl t-butyl ether	720	ug/L	5.0	EPA-8260	02/04/10	02/04/10 18:56	KEA	MS-V12	10	BTB0287	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:56	KEA	MS-V12	10	BTB0287			
Toluene-d8 (Surrogate)	92.5	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:56	KEA	MS-V12	10	BTB0287			
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:56	KEA	MS-V12	10	BTB0287			



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

### Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-03		Client Sample Name: 1156, MW-7, 2/1/2010 10:05:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	5.6	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307	ND	
Toluene	4.0	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307	ND	
Ethylbenzene	1.2	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307	ND	
Total Xylenes	2.0	ug/L	0.60	EPA-8021	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307	ND	
Gasoline Range Organics (C4 - C12)	1000	ug/L	50	Luft	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	104	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307		
a,a,a-Trifluorotoluene (FID Surrogate)	98.0	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 06:22	jjh	GC-V4	1	BTB0307		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

### Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-03		<b>Client Sample Name:</b> 1156, MW-7, 2/1/2010 10:05:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quas
Diesel Range Organics (C12 - C24)	53	ug/L	50	Luft/TPHd	02/03/10	02/04/10 10:46	MLR	GC-5	1	BTB0275	ND	
Tetracosane (Surrogate)	64.9	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 10:46	MLR	GC-5	1	BTB0275		



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

### Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-04	<b>Client Sample Name:</b> 1156, MW-2, 2/1/2010 10:32:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methyl t-butyl ether	290	ug/L	2.5	EPA-8260	02/04/10	02/04/10 18:20	KEA	MS-V12	5	BTB0287	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:20	KEA	MS-V12	5	BTB0287		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:20	KEA	MS-V12	5	BTB0287		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:20	KEA	MS-V12	5	BTB0287		

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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1001426-04		Client Sample Name:	1156, MW-2, 2/1/2010 10:32:00AM									
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	17	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307	ND		
Toluene	13	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307	ND		
Ethylbenzene	0.83	ug/L	0.30	EPA-8021	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307	ND		
Total Xylenes	2.4	ug/L	0.60	EPA-8021	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307	ND		
Gasoline Range Organics (C4 - C12)	860	ug/L	50	Luft	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	115	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307			
a,a,a-Trifluorotoluene (FID Surrogate)	107	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 06:43	jjh	GC-V4	1	BTB0307			





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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-04	<b>Client Sample Name:</b> 1156, MW-2, 2/1/2010 10:32:00AM											
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	140	ug/L	50	Luft/TPHd	02/03/10	02/04/10 11:00	MLR	GC-5	0.980	BTB0275	ND	
Tetracosane (Surrogate)	83.8	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 11:00	MLR	GC-5	0.980	BTB0275		



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Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-05	<b>Client Sample Name:</b> 1156, MW-4, 2/1/2010 10:43:00AM											
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methyl t-butyl ether	51	ug/L	0.50	EPA-8260	02/04/10	02/04/10 19:14	KEA	MS-V12	1	BTB0287	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:14	KEA	MS-V12	1	BTB0287		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:14	KEA	MS-V12	1	BTB0287		
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 19:14	KEA	MS-V12	1	BTB0287		



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Project Manager: Anju Farfan

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### Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-05		Client Sample Name: 1156, MW-4, 2/1/2010 10:43:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	35	ug/L	0.30	EPA-8021	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307	ND	
Toluene	3.1	ug/L	0.30	EPA-8021	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307	ND	
Ethylbenzene	2.7	ug/L	0.30	EPA-8021	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307	ND	
Total Xylenes	5.5	ug/L	0.60	EPA-8021	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307	ND	
Gasoline Range Organics (C4 - C12)	490	ug/L	50	Luft	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	112	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307		
a,a,a-Trifluorotoluene (FID Surrogate)	101	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 07:05	jjh	GC-V4	1	BTB0307		



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### Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-05		<b>Client Sample Name:</b> 1156, MW-4, 2/1/2010 10:43:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quas
Diesel Range Organics (C12 - C24)	80	ug/L	50	Luft/TPHd	02/03/10	02/04/10 11:14	MLR	GC-5	0.960	BTB0275	ND	
Tetracosane (Surrogate)	83.7	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 11:14	MLR	GC-5	0.960	BTB0275		



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## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-06	<b>Client Sample Name:</b> 1156, MW-3, 2/1/2010 10:55:00AM
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Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methyl t-butyl ether	97	ug/L	1.0	EPA-8260	02/04/10	02/04/10 18:03	KEA	MS-V12	2	BTB0287	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:03	KEA	MS-V12	2	BTB0287		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:03	KEA	MS-V12	2	BTB0287		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/04/10 18:03	KEA	MS-V12	2	BTB0287		



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### Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-06		Client Sample Name: 1156, MW-3, 2/1/2010 10:55:00AM										
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	180	ug/L	1.5	EPA-8021	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307	ND	
Toluene	92	ug/L	1.5	EPA-8021	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307	ND	
Ethylbenzene	300	ug/L	1.5	EPA-8021	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307	ND	
Total Xylenes	250	ug/L	3.0	EPA-8021	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307	ND	
Gasoline Range Organics (C4 - C12)	6500	ug/L	250	Luft	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	116	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307		
a,a,a-Trifluorotoluene (FID Surrogate)	108	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 07:26	jjh	GC-V4	5	BTB0307		



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## Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-06	<b>Client Sample Name:</b> 1156, MW-3, 2/1/2010 10:55:00AM
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Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	390	ug/L	50	Luft/TPHd	02/03/10	02/04/10 11:29	MLR	GC-5	0.990	BTB0275	ND	
Tetracosane (Surrogate)	83.0	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 11:29	MLR	GC-5	0.990	BTB0275		



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## Volatile Organic Analysis (EPA Method 8260)

<b>BCL Sample ID:</b> 1001426-07	<b>Client Sample Name:</b> 1156, MW-1, 2/1/2010 11:07:00AM												
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Methyl t-butyl ether	ND	ug/L	50	EPA-8260	02/04/10	02/05/10 15:16	KEA	MS-V12	100	BTB0287	ND	A01,Z1	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260	02/04/10	02/05/10 15:16	KEA	MS-V12	100	BTB0287			
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)	EPA-8260	02/04/10	02/05/10 15:16	KEA	MS-V12	100	BTB0287			
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260	02/04/10	02/05/10 15:16	KEA	MS-V12	100	BTB0287			





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### Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1001426-07		Client Sample Name: 1156, MW-1, 2/1/2010 11:07:00AM											
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	7000	ug/L	60	EPA-8021	02/04/10	02/09/10 15:44	jjh	GC-V4	200	BTB0307	ND	A01	
Toluene	11000	ug/L	60	EPA-8021	02/04/10	02/09/10 15:44	jjh	GC-V4	200	BTB0307	ND	A01	
Ethylbenzene	3100	ug/L	15	EPA-8021	02/04/10	02/05/10 07:47	jjh	GC-V4	50	BTB0307	ND		
Total Xylenes	10000	ug/L	30	EPA-8021	02/04/10	02/05/10 07:47	jjh	GC-V4	50	BTB0307	ND		
Gasoline Range Organics (C4 - C12)	74000	ug/L	2500	Luft	02/04/10	02/05/10 07:47	jjh	GC-V4	50	BTB0307	ND		
a,a,a-Trifluorotoluene (PID Surrogate)	106	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/09/10 15:44	jjh	GC-V4	200	BTB0307			
a,a,a-Trifluorotoluene (PID Surrogate)	110	%	70 - 130 (LCL - UCL)	EPA-8021	02/04/10	02/05/10 07:47	jjh	GC-V4	50	BTB0307			
a,a,a-Trifluorotoluene (FID Surrogate)	105	%	70 - 130 (LCL - UCL)	Luft	02/04/10	02/05/10 07:47	jjh	GC-V4	50	BTB0307			



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Project: 1156  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 02/10/2010 10:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

<b>BCL Sample ID:</b> 1001426-07		<b>Client Sample Name:</b> 1156, MW-1, 2/1/2010 11:07:00AM											
Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Diesel Range Organics (C12 - C24)	3900	ug/L	250	Luft/TPHd	02/03/10	02/04/10 15:41	MLR	GC-5	4.850	BTB0275	ND	A01,A52	
Tetracosane (Surrogate)	75.7	%	28 - 139 (LCL - UCL)	Luft/TPHd	02/03/10	02/04/10 15:41	MLR	GC-5	4.850	BTB0275		A01	

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## EPA Method 1664

<b>BCL Sample ID:</b> 1001426-07	<b>Client Sample Name:</b> 1156, MW-1, 2/1/2010 11:07:00AM
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Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/L	5.0	EPA-1664HE M	02/08/10	02/08/10 09:00	JAK	MAN-SV	1	BTB0611	ND	



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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		Lab Quals
										RPD	Percent Recovery	
1,2-Dichloroethane-d4 (Surrogate)	BTB0287	Matrix Spike	1001542-02	ND	10.320	10.000	ug/L		103		76 - 114	
		Matrix Spike Duplicate	1001542-02	ND	10.090	10.000	ug/L		101		76 - 114	
Toluene-d8 (Surrogate)	BTB0287	Matrix Spike	1001542-02	ND	9.9900	10.000	ug/L		99.9		88 - 110	
		Matrix Spike Duplicate	1001542-02	ND	10.080	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BTB0287	Matrix Spike	1001542-02	ND	9.9300	10.000	ug/L		99.3		86 - 115	
		Matrix Spike Duplicate	1001542-02	ND	10.160	10.000	ug/L		102		86 - 115	



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## Purgeable Aromatics and Total Petroleum Hydrocarbons

### 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		Lab Quals
										RPD	Percent Recovery	
Benzene	BTB0307	Matrix Spike	0917254-73	ND	42.050	40.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	42.382	40.000	ug/L	0.8	106	20	70 - 130	
Toluene	BTB0307	Matrix Spike	0917254-73	ND	41.776	40.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	41.672	40.000	ug/L	0.3	104	20	70 - 130	
Ethylbenzene	BTB0307	Matrix Spike	0917254-73	ND	42.070	40.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	42.382	40.000	ug/L	0.7	106	20	70 - 130	
Total Xylenes	BTB0307	Matrix Spike	0917254-73	ND	123.24	120.00	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	124.32	120.00	ug/L	0.9	104	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BTB0307	Matrix Spike	0917254-73	ND	947.61	1000.0	ug/L		94.8		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	972.69	1000.0	ug/L	2.6	97.3	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BTB0307	Matrix Spike	0917254-73	ND	42.061	40.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	42.242	40.000	ug/L		106		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BTB0307	Matrix Spike	0917254-73	ND	38.204	40.000	ug/L		95.5		70 - 130	
		Matrix Spike Duplicate	0917254-73	ND	39.651	40.000	ug/L		99.1		70 - 130	



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Reported: 02/10/2010 10:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

### 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		Lab Quals
										RPD	Percent Recovery	
Diesel Range Organics (C12 - C24)	BTB0275	Matrix Spike	0917254-80	ND	359.21	500.00	ug/L		71.8		36 - 130	
		Matrix Spike Duplicate	0917254-80	ND	414.60	500.00	ug/L	14.3	82.9	30	36 - 130	
Tetracosane (Surrogate)	BTB0275	Matrix Spike	0917254-80	ND	14.181	20.000	ug/L		70.9		28 - 139	
		Matrix Spike Duplicate	0917254-80	ND	15.834	20.000	ug/L		79.2		28 - 139	



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Reported: 02/10/2010 10:27

## EPA Method 1664

### 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	Percent Recovery Lab Quals
Oil and Grease	BTB0611	Matrix Spike	0917254-87	ND	33.100	41.050	mg/L		80.6		78 - 114
		Matrix Spike Duplicate	0917254-87	ND	33.200	41.050	mg/L	0.3	80.9	18	78 - 114



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Reported: 02/10/2010 10:27

## 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		Lab Quals
										Percent Recovery	RPD	
1,2-Dichloroethane-d4 (Surrogate)	BTB0287	BTB0287-BS1	LCS	10.220	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BTB0287	BTB0287-BS1	LCS	10.020	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTB0287	BTB0287-BS1	LCS	9.7900	10.000		ug/L	97.9		86 - 115		





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Reported: 02/10/2010 10:27

## Purgeable Aromatics and Total Petroleum Hydrocarbons

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BTB0307	BTB0307-BS1	LCS	41.550	40.000	0.30	ug/L	104		85 - 115		
Toluene	BTB0307	BTB0307-BS1	LCS	40.838	40.000	0.30	ug/L	102		85 - 115		
Ethylbenzene	BTB0307	BTB0307-BS1	LCS	41.708	40.000	0.30	ug/L	104		85 - 115		
Total Xylenes	BTB0307	BTB0307-BS1	LCS	122.35	120.00	0.60	ug/L	102		85 - 115		
Gasoline Range Organics (C4 - C12)	BTB0307	BTB0307-BS1	LCS	1028.4	1000.0	50	ug/L	103		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BTB0307	BTB0307-BS1	LCS	41.961	40.000		ug/L	105		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BTB0307	BTB0307-BS1	LCS	37.062	40.000		ug/L	92.7		70 - 130		

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Project Number: [none]  
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Reported: 02/10/2010 10:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BTB0275	BTB0275-BS1	LCS	393.15	500.00	50	ug/L	78.6		48 - 125		
Tetracosane (Surrogate)	BTB0275	BTB0275-BS1	LCS	15.375	20.000		ug/L	76.9		28 - 139		



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Reported: 02/10/2010 10:27

## EPA Method 1664

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Oil and Grease	BTB0611	BTB0611-BS1	LCS	32.650	41.050	5.0	mg/L	79.5		78 - 114		



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Reported: 02/10/2010 10:27

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Methyl t-butyl ether	BTB0287	BTB0287-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BTB0287	BTB0287-BLK1	104	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTB0287	BTB0287-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTB0287	BTB0287-BLK1	99.9	%	86 - 115 (LCL - UCL)		



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Reported: 02/10/2010 10:27

## Purgeable Aromatics and Total Petroleum Hydrocarbons

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BTB0307	BTB0307-BLK1	ND	ug/L	0.30		
Toluene	BTB0307	BTB0307-BLK1	ND	ug/L	0.30		
Ethylbenzene	BTB0307	BTB0307-BLK1	ND	ug/L	0.30		
Total Xylenes	BTB0307	BTB0307-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BTB0307	BTB0307-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BTB0307	BTB0307-BLK1	92.3	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BTB0307	BTB0307-BLK1	98.0	%	70 - 130 (LCL - UCL)		



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## Total Petroleum Hydrocarbons (Silica Gel Treated)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BTB0275	BTB0275-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BTB0275	BTB0275-BLK1	69.1	%	28 - 139 (LCL - UCL)		

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## EPA Method 1664

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BTB0611	BTB0611-BLK1	ND	mg/L	5.0		



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Project Number: [none]  
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**Notes And Definitions**

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.
- A52 Chromatogram not typical of diesel.
- A91 TPH does not exhibit a "gasoline" pattern. TPH is entirely due to MTBE.
- Z1 Run at dilution to avoid carry-over of unreported analytes.



Submission #: D-014261

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  Containers  None  Comments: \_\_\_\_\_  
 Intact? Yes  No  Intact? Yes  No

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

COC Received  YES  NO

Emissivity: 0.98 Container: QTA Thermometer ID: #1103 Date/Time 2-1-10 2224  
 Temperature: A 0.3 °C / C 0.3 °C Analyst Init. IDW

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A	A	A	A	A	A	A			
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	B	B	B				DE			
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: CAm Date/Time: 2/2/10 0930  
 A = Actual / C = Corrected [H:\DOCS\WP80\LAB\_DOCS\FORMS\SAMREC2.WPD]

Submission #: 10-01424

**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  Containers  None  Comments:  
 Intact? Yes  No  Intact? Yes  No

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

COC Received  
 YES  NO

Emissivity: 0.98 Container: QTA Thermometer ID: #1103  
 Temperature: A 1.1 °C / C 1.1 °C

Date/Time 2-1-10 2224  
 Analyst Init. HDW

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										
PIA 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	C	C	BC	C	BC	BC	BC			
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: CAW Date/Time: 2/2/10  
 A = Actual / C = Corrected

10-01426

CHK BY Paul DISTRIBUTION  
 JKE SUB-OUT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC	Consultant Firm: TRC	MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge BTEX/MTBE by 8021B, Gas by 8015 TPH GAS by 8015M TPH DIESEL by 8015 w/ Sg clean up 8260 full list w/ oxygenates ETHANOL by 8260B TPH -G by GC/MS TOG by 1664 Turnaround Time Requested
Address: 4276 MacArthur Blvd.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City: Oakland	4-digit site#: 1156	
	Workorder # 01112	
State: CA Zip:	Project #: 173845	
Conoco Phillips Mgr: Terry Grayson	Sampler Name: A. Videns	

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE	TPH GAS	TPH DIESEL	8260	ETHANOL	TPH -G	TOG	Turnaround Time Requested
1		MW-8	02/01/10 0925	GW	X	X		X				STD
2		MW-5	0938									
3		MW-7	1005									
4		MW-2	1032									
5		MW-4	1043									
6		MW-3	1055									
7		MW-1	1107							X		

Comments:  GLOBAL ID: T0600102279	Relinquished by: (Signature) 	Received by: stored in refrigerator	Date & Time 02/01/10 1230
	Relinquished by: (Signature) 	Received by: 	Date & Time 2/1/10 1650
	Relinquished by: (Signature) Ross Wickey 2/1/10 R R Wickey 2-1-10 2220	Received by: 	Date & Time 2-1-10 1925 2/1/10 2220

## **STATEMENTS**

### **Purge Water Disposal**

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

### **Limitations**

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