ConocoPhillips
76 Broadway
Sacramento, California 95818

March 22, 2011

Mr. Jerry Wickham
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

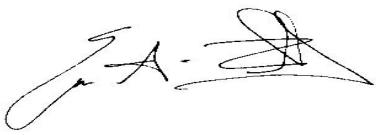
Re: **Report Transmittal**
Quarterly Summary Report – First Quarter 2011
76 Service Station #1156
4276 MacArthur Blvd
Oakland, CA

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 Mr. Ted Moise at (510) 245-5162.

Sincerely,



Eric G. Hetrick
Site Manager
Risk Management & Remediation

QUARTLERY SUMMARY REPORT

First Quarter 2011

76 Service Station No. 1156
4276 MacArthur Blvd
Oakland, CA

Antea Group Project No. C1Q1156010

March 22, 2011

Prepared for:
ConocoPhillips
76 Broadway
Sacramento, CA 95818

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

Inogen Environmental Alliance

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

March 22, 2011

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

RE: QUARTERLY SUMMARY REPORT
First Quarter 2011
76 Service Station No. 1156
4276 MacArthur Blvd
Oakland, CA
AOC 1112
RO# 0409

Dear Mr. Wickham:

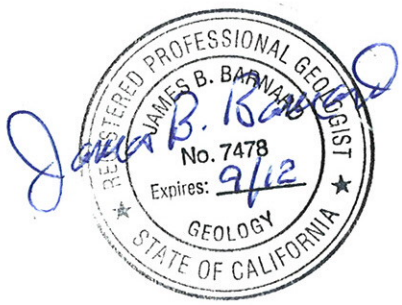
Due to global rebranding, as of January 5, 2011 Delta Consultants has become Antea Group. Any work performed or reports submitted prior to this date will still be referenced using the Delta name.

On behalf of ConocoPhillips Company (COP), Antea Group is submitting this *Quarterly Summary Report – First Quarter 2011* and forwarding a copy of TRC Solutions, Inc. (TRC's) quarterly *Groundwater Monitoring Report – January through March 2011*, dated March 16, 2010, for the above referenced location:

Sincerely,
ANTEA™GROUP

James B. Barnard

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



Cc: Mr. Ted Moise, COP (electronic copy only)

Inogen

QUARTERLY SUMMARY REPORT
First Quarter 2011
76 Service Station No. 1156
4276 MacArthur Boulevard
Oakland, California

1.0 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 six groundwater monitoring wells (MW-1B through MW-4B, MW-5, MW-7) 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.

1.1 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 either (MTBE) were reported at concentrations up to 4,700, 70, and 140 micrograms per liter (µg/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 µg/L and 1,800 µg/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 though 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.

In August 2010, Delta observed the abandonment of monitoring wells MW-1, MW-2, MW-3, MW-4, MW-6, and MW-8, and the installation of new wells MW-1B, MW-2B, MW-3B, and MW-4B. Delta also observed the installation of six (6) soil vapor wells.

1.2 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.

2.0 GROUNDWATER MONITORING AND SAMPLING

Prior to fourth quarter 2010, the well network was sampled on a semi-annual basis during first and third quarters. Following the third quarter sampling event, in mid to late August 2010, monitoring wells MW-1, MW-2, MW-3, MW-4, MW-6, and MW-8 were abandoned. New wells MW-1B, MW-2B, MW-3B, and MW-4B were installed. As of fourth quarter 2010, all wells are gauged quarterly, wells MW-1B, MW-2B, MW-3B, and MW-4B are sampled quarterly, and wells MW-5 and MW-7 will be sampled semi-annually during first and third quarters.

Groundwater samples collected are analyzed for total petroleum hydrocarbons as gasoline (TPHg) and total petroleum hydrocarbons as diesel (TPHd) by Environmental Protection Agency (EPA) method 8015, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 8 fuel oxygenates [methyl tert butyl ether (MTBE), tert butyl alcohol (TBA), diisopropyl ether (DIPE), tert amyl methyl ether (TAME), ethylene dibromide (EDB), 1,2 dichloroethane (1,2-DCA), ethyl tert butyl ether (ETBE), and ethanol] by EPA method 8260. Samples from MW-1 are additionally analyzed for total oil and grease (TOG).

2.1 FIRST QUARTER 2011 MONITORING AND SAMPLING

During the most recent groundwater monitoring event, conducted by TRC on January 31, 2011, the depth to groundwater ranged from 1.63 feet below top of casing (TOC) in MW-5 to 7.79 feet below TOC in MW-2B. Average groundwater elevation increased 1.82 feet from the previous sampling event (11/1/10), to 168.89 feet above mean sea level (MSL). The groundwater gradient and flow direction was interpreted to be 0.1 feet per foot (ft/ft) to the southwest. Gradient and flow direction was 0.05 ft/ft to the west during the previous sampling event (11/1/10). This is also consistent with historical groundwater flow directions that trend predominantly to the west and southwest.

Historic groundwater flow directions are shown on a rose diagram presented as Attachment A.

2.1.1 Contaminants of Concern:

TPHg: TPHg was above laboratory indicated reporting limits in groundwater samples collected from all of the six wells sampled with a maximum concentration of 2,800 µg/L, in monitoring well MW-3B. This is an increase from a maximum concentration of 990 µg/L in the same well during the previous sampling event (11/1/10). It should be noted that all previous onsite wells (MW-1, 2, 3, 4) were screened between 5 and 25 feet bgs, and were replaced with wells screened from 20 to 25 feet bgs (MW-1B, 2B, 3B, 4B). Wells MW-1B, MW-2B, and MW-4B were reported with concentrations of 170 µg/L, 420 µg/L, and 68 µg/L, respectively, during the current sampling event.

TPHd: TPHd was above laboratory indicated reporting limits in groundwater samples collected from one of the six wells sampled with a maximum concentration of 65 µg/L, in monitoring well MW-3B. This is an increase from a maximum concentration 58 µg/L reported in the same well, during the previous sampling event. The change in screened intervals in the onsite wells should be noted.

Benzene: Benzene was above laboratory indicated reporting limits in groundwater samples collected from four of the six wells sampled with a maximum concentration of 32 µg/L in monitoring well MW-3B. This is an increase from a maximum concentration of 31 µg/L in the same well during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-1B and MW-2B were reported with concentrations of 6.7 µg/L and 1.7 µg/L, respectively, during the current sampling event.

Toluene: Toluene was above laboratory indicated reporting limits in groundwater samples collected from four of the six samples collected with a maximum concentration of 20 µg/L in MW-3B during the current sampling event. This is a decrease from a maximum concentration of 32 µg/L in MW-3B during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-1B, MW-2B, and MW-7 were reported with concentrations of 0.64 µg/L, 0.47 µg/L, and 0.59 µg/L, respectively, during the current sampling event.

Ethylbenzene: Ethylbenzene was above laboratory indicated reporting limits in groundwater samples collected from three of the six wells sampled with a maximum concentration of 39 µg/L in MW-3B during the current sampling event. This is a decrease from a maximum concentration of 47 µg/L in the same well during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-1B and MW-2B were reported with concentrations of 0.33 µg/L and 0.59 µg/L, respectively, during the current sampling event.

Total Xylenes: Total Xylenes were above laboratory indicated reporting limits in groundwater samples collected from two of the six wells sampled with a maximum concentration of 47 µg/L in MW-3B during the current sampling event. This is a decrease from a maximum concentration of 50 µg/L in MW-3B during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Well MW-4B was reported with a concentration of 2.0 µg/L during the current sampling event.

MTBE: MTBE was above laboratory indicated reporting limits in groundwater samples collected from all of the six wells sampled with a maximum concentration of 600 µg/L in MW-7 during the current sampling event. Before this current event, MW-7 was last sampled 8/2/2010, at which time 770 µg/L MTBE were present. The change in screened intervals in the onsite wells should be noted. Wells MW-1B, MW-2B, MW-3B, MW-4B, and MW-5 were reported with concentrations of 46 µg/L, 310 µg/L, 73 µg/L, 30 µg/L, and 130 µg/L, respectively, during the current sampling event.

TBA: TBA was above laboratory indicated reporting limits in groundwater samples collected from three of the six wells sampled with a maximum concentration of 1,300 µg/L in MW-2B during the current sampling event. This is a decrease from the previous sampling event, where the maximum reported TBA concentration was 2,000 µg/L in the same well. The change in screened intervals in the onsite wells should be noted. Wells MW-1B and MW-7 were reported with concentrations of 28 µg/L, and 160 µg/L, respectively, during the current sampling event.

Other Fuel Oxygenates: EDB, 1,2-DCA, DIPE, ETBE, TAME, and ethanol were all below laboratory indicated reporting limits in groundwater samples collected from all of the four wells sampled during the current sampling event with the exception of wells MW-1B, MW-5 and MW-7 which had reported concentrations of 1,2-DCA as 0.76 µg/L, 1.6 µg/L, and 1.3 µg/L, respectively.

TOG: TOG was analyzed only in the sample collected from MW-1B, and was below laboratory indicated reporting limits. TOG was analyzed in MW-1 and was below reporting limits as well, during the previous sampling event.

A copy of TRC's *Groundwater Monitoring Report – January through March 2011* is included as Attachment B.

3.0 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.

4.0 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 (77,000 µg/L total purgeable petroleum

hydrocarbons (TPPH), 1,700 µg/L benzene, and 2,100 µg/L MTBE in groundwater samples from Shell monitor well MW-2; 21,000 µg/L total purgeable petroleum hydrocarbons (TPPH), 2,200 µg/L benzene, and 1,300 µg/L MTBE in groundwater samples from Shell monitor well MW-3; and, 9,700 µg/L total purgeable petroleum hydrocarbons (TPPH), 47 µg/L benzene, and 1,100 µg/L MTBE in groundwater samples from Shell monitor well MW-4).

The extreme shift in maximum values from third quarter to fourth quarter 2010 can be directly linked to the monitoring well replacement, by which the screen length was shortened from 20 feet to 5 feet over a 25 foot well depth. The fact that concentrations dropped in each well indicates that much of the impact is in the soil above the shallowest depth of screen currently, 20 feet bgs. Also, the fact that TPHg and TPHd concentrations have decreased from 71,000 µg/L and 3,900 µg/L, respectively, in MW-1 during third quarter 2010, to 170 µg/L and ND<50 µg/L ,respectively, in MW-1B during first quarter 2011, shows that contamination in this area is most likely concentrated around the former waste oil tank, and that impact has not migrated toward MacArthur Boulevard in a significant way.

5.0 RECENT CORRESPONDENCE

No regulatory correspondence has been received during this reporting period.

6.0 FIRST QUARTER 2011 ACTIVITIES

- TRC conducted the quarterly monitoring and sampling event at the site on January 31, 2011, and prepared and submitted their results in the *Groundwater Monitoring Report – January through March*, dated March 16, 2011.

- Antea Group prepared and submitted a *Workplan for Air Sampling and Sub-Slab Vapor Sampling*, dated January 24, 2011.

7.0 SECOND QUARTER 2011 ACTIVITIES

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

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

8.0 LIMITATIONS

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

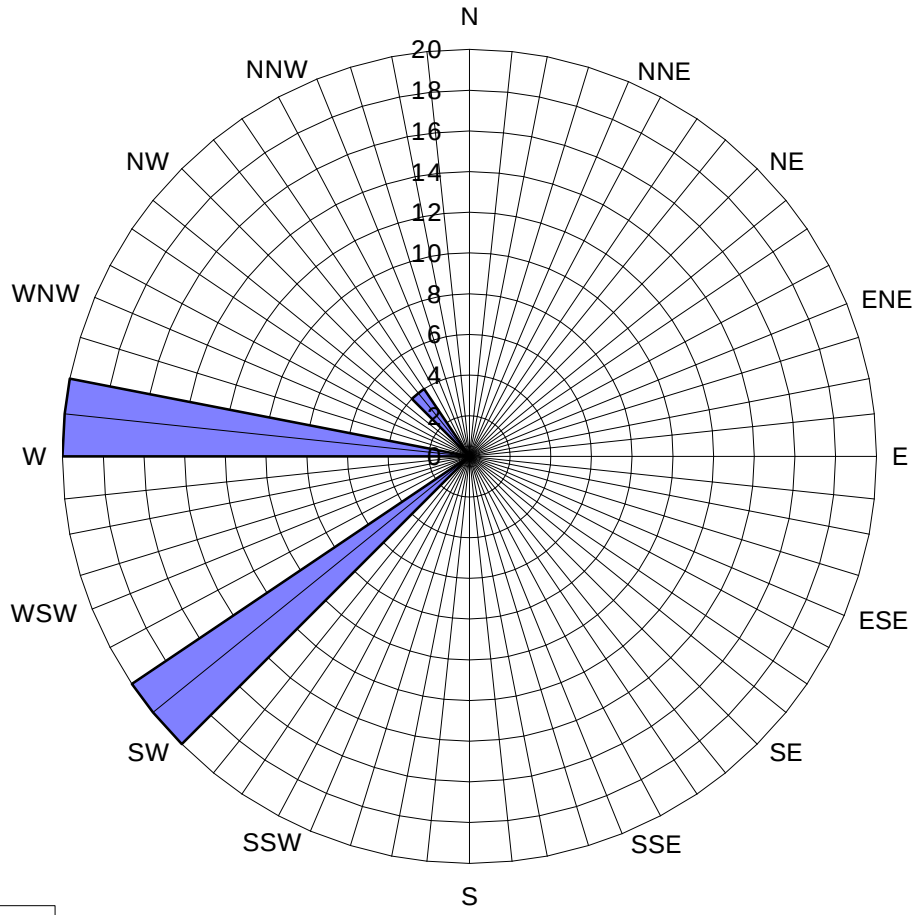
CONSULTANT: **ANTEA™GROUP**

******

Attachment A – Historic Groundwater Flow Directions Rose Diagram
Attachment B – Groundwater Monitoring Report – January through March 2011

ATTACHMENT A
Historic Groundwater Flow Directions Rose Diagram

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



Legend
Concentric circles represent quarterly montoring events.
Third Quarter 1999 through First Quarter 2011.
44 data points shown.

ATTACHMENT B
Groundwater Monitoring Report – January through March 2011

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: March 16, 2011

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: GROUNDWATER MONITORING REPORT
JANUARY THROUGH MARCH 2011

Dear Mr. Moise:

Please find enclosed our Groundwater 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,

TRC

Anju Farfan
Groundwater Program Operations Manager

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

Enclosures
20-0400/1156R28.QMS

GROUNDWATER MONITORING REPORT
JANUARY THROUGH MARCH 2011

76 STATION 1156
4276 MacArthur Boulevard
Oakland, California

Prepared For:

Mr. Ted Moise
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations

Date: 3/15/11

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

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 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	*Former Shell Service Station* Table 1: Groundwater Data
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 – 1/31/11 Groundwater Sampling Field Notes – 1/31/11
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2011 through March 2011
76 Station 1156
4276 MacArthur Boulevard
Oakland, CA

Project Coordinator: **Ted Moise**
Telephone: **510-245-5162**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **1/31/2011**

Sample Points

Groundwater wells: **4** onsite, **2** offsite Points gauged: **6** Points sampled: **6**
Purging method: **Submersible pump**
Purge water disposal: **Crosby and Overton treatment facility**
Other Sample Points: **0** Type: **--**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **1.63 feet** Maximum: **7.79 feet**
Average groundwater elevation (relative to available local datum): **168.89 feet**
Average change in groundwater elevation since previous event: **1.82 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.1 ft/ft, southwest**
Previous event: **0.05 ft/ft, west (11/1/2010)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **4** Sample Points above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **32 µg/l (MW-3B)**

Sample Points with **TPH-G** **6** Maximum: **2,800 µg/l (MW-3B)**
Sample Points with **MTBE 8260B** **6** Maximum: **600 µg/l (MW-7)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 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

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
Table 1b	Well/ Date	Post-purge ORP											

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene-dibromide (EDB)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph-thylene
Table 2b	Well/ Date	Bromo-dichloro-methane	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
Table 2c	Well/ Date	Dichloro-difluoro-methane	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
Table 2d	Well/ Date	1,1,2,2-Tetrachloro-ethane	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
Table 2e	Well/ Date	Acena-phthylene (svoc)	Anthra-cene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluor-anthene	Benzo-[g,h,I]-perylene	Benzo[k]-fluor-anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethoxy) methane	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-ether
Table 2f	Well/ Date	Bis(2-ethyl-hexyl) phthalate	4-Bromo-pheny phe-nyl ether	Butyl-benzyl phthalate	4-Chloro-3-methyl-phenol	4-Chloro-aniline	2-Chloro-naphtha-lene	2-Chloro-phenol	4-Chloro-phenyl phenyl ether	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene (svoc)
Table 2g	Well/ Date	1,3-Dichloro-benzene (svoc)	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

Contents of Tables 1 and 2
Site: 76 Station 1156

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 31, 2011

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
MW-1B			**(Screen Interval in feet: 20-25)**											
1/31/2011	174.05	6.62	0.00	167.43	0.53	170	--	6.7	0.64	0.33	ND<0.60	--	46	
MW-2B			**(Screen Interval in feet: 20-25)**											
1/31/2011	173.55	7.79	0.00	165.76	3.48	420	--	1.7	0.47	0.59	ND<0.60	--	310	
MW-3B			**(Screen Interval in feet: 20-25)**											
1/31/2011	177.77	5.30	0.00	172.47	1.52	2800	--	32	20	39	47	--	73	
MW-4B			**(Screen Interval in feet: 20-25)**											
1/31/2011	179.07	4.49	0.00	174.58	2.71	68	--	ND<0.30	ND<0.30	ND<0.30	2.0	--	30	
MW-5			**(Screen Interval in feet: 5.0-25.0)**											
1/31/2011	169.18	1.63	0.00	167.55	2.29	160	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	130	
MW-7			**(Screen Interval in feet: 5.0-25.0)**											
1/31/2011	172.11	6.58	0.00	165.53	0.39	730	--	0.31	0.59	ND<0.30	ND<0.60	--	600	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-1B												
1/31/2011	ND<50	28	ND<250	ND<0.50	0.76	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.32	2.57	152
MW-2B												
1/31/2011	ND<50	1300	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.89	1.25	159
MW-3B												
1/31/2011	65	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.66	0.88	161
MW-4B												
1/31/2011	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.72	3.13	151
MW-5												
1/31/2011	ND<50	ND<10	ND<250	ND<0.50	1.6	ND<0.50	ND<0.50	ND<0.50	--	1.00	1.17	154
MW-7												
1/31/2011	ND<50	160	ND<250	ND<0.50	1.3	ND<0.50	ND<0.50	ND<0.50	--	0.92	1.22	156

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Post-purge ORP (mV)
MW-1B	
1/31/2011	159
MW-2B	
1/31/2011	159
MW-3B	
1/31/2011	100
MW-4B	
1/31/2011	145
MW-5	
1/31/2011	155
MW-7	
1/31/2011	163

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through January 2011

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
MW-1			**(Screen Interval in feet: 5.0-25.0)**											
7/20/1999	174.86	7.50	0.00	167.36	--	120000	--	11000	27000	3300	18000	ND	--	
9/28/1999	174.86	8.75	0.00	166.11	-1.25	6020	--	1030	1040	68.5	412	321	333	
1/7/2000	174.86	9.05	0.02	165.82	-0.29	72700	--	7410	13900	2070	9620	ND	--	GWE corrected
3/31/2000	174.86	7.18	0.00	167.68	1.86	92000	--	10000	23000	3200	14000	ND	--	
7/14/2000	174.86	7.68	0.00	167.18	-0.50	108000	--	8250	18700	3750	17800	ND	--	
10/3/2000	174.86	7.99	0.00	166.87	-0.31	96000	--	8760	20000	3350	15600	ND	--	
1/3/2001	174.86	9.18	0.00	165.68	-1.19	37000	--	5800	13000	1700	8100	2200	--	
4/4/2001	174.86	8.05	0.00	166.81	1.13	86900	--	7780	18500	2470	11800	ND	481	
7/17/2001	174.86	7.01	0.00	167.85	1.04	79000	--	5600	11000	2800	12000	ND	230	
10/3/2001	177.54	7.89	0.00	169.65	1.80	99000	--	8200	18000	3000	16000	ND<2500	--	
10/5/2001	177.54	7.91	0.00	169.63	-0.02	--	--	--	--	--	--	--	--	
1/28/2002	177.54	5.98	0.00	171.56	1.93	110000	--	8900	19000	2600	12000	3000	440	
4/25/2002	177.54	6.19	0.00	171.35	-0.21	93000	--	8100	18000	3000	15000	810	670	
7/18/2002	177.54	6.99	0.00	170.55	-0.80	69000	--	5400	10000	2100	10000	ND<500	620	
10/7/2002	177.54	7.73	0.00	169.81	-0.74	82000	--	9200	20000	2600	13000	1300	760	
1/6/2003	177.54	5.48	0.00	172.06	2.25	82000	--	6500	18000	2700	11000	ND<1000	790	
4/7/2003	177.54	6.30	0.00	171.24	-0.82	74000	--	7000	15000	2400	11000	1000	800	
7/7/2003	177.54	6.47	0.00	171.07	-0.17	60000	--	6400	11000	2600	11000	600	530	
10/9/2003	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
1/14/2004	177.54	6.69	0.00	170.85	1.16	98000	--	8000	21000	2600	15000	ND<1300	ND<800	
4/28/2004	177.54	6.43	0.00	171.11	0.26	93000	--	9000	20000	1300	10000	1400	560	
7/12/2004	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 January 2011
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
MW-1 continued														
10/25/2004	177.54	7.54	0.00	170.00	-0.10	66000	--	7300	19000	2700	14000	ND<1300	330	
1/17/2005	177.54	5.79	0.00	171.75	1.75	86000	--	8600	21000	3200	15000	ND<1300	570	
4/6/2005	177.54	4.93	0.00	172.61	0.86	85000	--	8400	20000	3200	16000	ND<1300	580	
7/8/2005	177.54	5.35	0.00	172.19	-0.42	69000	--	7100	17000	2700	14000	ND<1300	290	
10/7/2005	177.54	5.96	0.00	171.58	-0.61	68000	--	5900	8300	1800	8300	330	250	
1/27/2006	177.54	5.08	0.00	172.46	0.88	94000	--	7400	19000	3700	14000	450	360	
4/28/2006	177.54	4.85	0.00	172.69	0.23	74000	--	6400	13000	2300	10000	460	280	
7/28/2006	177.54	5.32	0.00	172.22	-0.47	74000	--	6600	12000	3100	13000	330	220	
10/27/2006	177.54	6.13	0.00	171.41	-0.81	100000	--	8300	20000	3600	16000	280	250	
1/10/2007	177.54	5.47	0.00	172.07	0.66	84000	--	7100	15000	2600	13000	350	260	
4/13/2007	177.54	5.60	0.00	171.94	-0.13	27000	--	5600	840	2300	3200	270	220	
7/19/2007	177.54	5.69	0.00	171.85	-0.09	83000	--	6000	15000	2600	13000	1000	200	
10/8/2007	177.54	--	--	--	--	--	--	--	--	--	--	--	--	Gate locked; no key available
1/9/2008	177.54	5.15	0.00	172.39	--	40000	--	6000	4800	2600	5100	840	170	Gauged on 1/18/2008
4/4/2008	177.54	5.25	0.00	172.29	-0.10	71000	--	6800	12000	3300	13000	--	160	
7/3/2008	177.54	6.00	0.00	171.54	-0.75	92000	--	7000	16000	3500	15000	--	110	
10/3/2008	177.54	7.16	0.00	170.38	-1.16	69000	--	7200	18000	3500	14000	--	180	
1/22/2009	177.54	6.61	0.00	170.93	0.55	45000	--	410	720	2400	9600	--	160	
4/13/2009	177.54	5.11	0.00	172.43	1.50	5400	--	300	640	300	940	--	150	
7/23/2009	177.54	6.04	0.00	171.50	-0.93	85000	--	5800	15000	3500	13000	--	140	
2/1/2010	177.54	4.86	0.00	172.68	1.18	74000	--	7000	11000	3100	10000	--	ND<50	
8/2/2010	177.54	5.68	0.00	171.86	-0.82	71000	--	7000	11000	3300	10000	--	ND<10	
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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
MW-1B			**(Screen Interval in feet: 20-25)**											
11/1/2010	174.05	7.15	0.00	166.90	--	99	--	3.0	0.30	ND<0.30	ND<0.60	--	30	
1/31/2011	174.05	6.62	0.00	167.43	0.53	170	--	6.7	0.64	0.33	ND<0.60	--	46	
MW-2			**(Screen Interval in feet: 5.0-25.0)**											
7/20/1999	173.01	5.40	--	167.61	--	ND	--	ND	ND	ND	ND	4500	11000	
9/28/1999	173.01	5.60	0.00	167.41	-0.20	1390	--	124	ND	62.9	43.1	5280	6150	
1/7/2000	173.01	5.92	0.00	167.09	-0.32	1450	--	99	ND	23.8	16	33100	--	
3/31/2000	173.01	5.23	0.00	167.78	0.69	ND	--	42	ND	ND	ND	17000	--	
7/14/2000	173.01	5.52	0.00	167.49	-0.29	ND	--	44.7	ND	ND	ND	66500	--	
10/3/2000	173.01	6.04	0.00	166.97	-0.52	ND	--	56.7	ND	ND	ND	57500	--	
1/3/2001	173.01	6.42	0.00	166.59	-0.38	ND	--	ND	ND	ND	ND	49000	--	
4/4/2001	173.01	6.14	0.00	166.87	0.28	ND	--	ND	ND	ND	ND	38700	37800	
7/17/2001	173.01	5.30	0.00	167.71	0.84	ND	--	ND	ND	ND	ND	65000	56000	
10/3/2001	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	
1/28/2002	173.50	5.68	0.00	167.82	1.70	ND<250	--	2.5	4.4	2.8	7.4	11000	10000	
4/25/2002	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	
7/18/2002	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	
10/7/2002	173.50	7.54	0.00	165.96	-0.64	4300	--	ND<10	27	21	75	7100	5900	
1/6/2003	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	
4/7/2003	173.50	6.49	0.00	167.01	0.30	1500	--	ND<10	14	11	38	2000	1500	
7/7/2003	173.50	6.72	0.00	166.78	-0.23	ND<2500	--	ND<25	ND<25	ND<25	ND<25	5500	8300	
10/9/2003	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
1/14/2004	173.50	5.53	0.00	167.97	1.63	3200	--	ND<25	ND<25	ND<25	ND<25	2600	3200	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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
MW-2 continued														
4/28/2004	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	
7/12/2004	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
10/25/2004	173.50	6.89	0.00	166.61	-1.06	3400	--	ND<25	ND<25	ND<25	ND<25	1800	1600	
1/17/2005	173.50	5.70	0.00	167.80	1.19	1700	--	ND<10	ND<10	ND<10	ND<10	1600	1500	
4/6/2005	173.50	4.50	0.00	169.00	1.20	3000	--	ND<20	ND<20	ND<20	ND<20	2500	3200	
7/8/2005	173.50	4.69	0.00	168.81	-0.19	ND<2000	--	ND<20	ND<20	ND<20	ND<20	2900	3100	
10/7/2005	173.50	4.61	0.00	168.89	0.08	7500	--	6.7	6.6	ND<3.0	ND<6.0	5900	5200	
1/27/2006	173.50	4.10	0.00	169.40	0.51	2500	--	1.0	2.6	ND<0.30	ND<0.60	2600	2800	
4/28/2006	173.50	3.75	0.00	169.75	0.35	3100	--	9.4	3.6	0.94	3.4	3700	3600	
7/28/2006	173.50	4.34	0.00	169.16	-0.59	3000	--	2.0	ND<1.5	ND<1.5	ND<3.0	3000	2900	
10/27/2006	173.50	5.62	0.00	167.88	-1.28	1800	--	1.5	ND<1.5	ND<1.5	ND<3.0	1600	1300	
1/10/2007	173.50	4.02	0.00	169.48	1.60	2100	--	1.1	ND<0.60	ND<0.60	ND<1.2	2300	2000	
4/13/2007	173.50	4.03	0.00	169.47	-0.01	3300	--	12	1.6	0.46	1.1	3600	3200	
7/19/2007	173.50	4.41	0.00	169.09	-0.38	2500	--	21	0.64	5.1	1.5	2000	2000	
10/8/2007	173.50	4.93	0.00	168.57	-0.52	3400	--	38	1.6	13	2.1	5000	4000	
1/9/2008	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
4/4/2008	173.50	3.52	0.00	169.98	-0.49	1400	--	15	2.1	0.76	ND<0.60	--	2100	
7/3/2008	173.50	4.70	0.00	168.80	-1.18	1100	--	14	1.1	2.0	1.2	--	1400	
10/3/2008	173.50	5.57	0.00	167.93	-0.87	740	--	14	ND<0.30	4.5	6.9	--	750	
1/22/2009	173.50	5.03	0.00	168.47	0.54	640	--	4.6	ND<0.30	ND<0.30	ND<0.60	--	850	
4/13/2009	173.50	3.73	0.00	169.77	1.30	940	--	7.1	ND<0.30	ND<0.30	ND<0.60	--	990	
7/23/2009	173.50	4.39	0.00	169.11	-0.66	700	--	12	6.0	5.4	13	--	390	
2/1/2010	173.50	4.33	0.00	169.17	0.06	860	--	17	13	0.83	2.4	--	290	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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
MW-2 continued														
8/2/2010	173.50	5.16	0.00	168.34	-0.83	1200	--	9.5	32	1.4	2.4	--	140	
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-2B			**(Screen Interval in feet: 20-25)**											
11/1/2010	173.55	11.27	0.00	162.28	--	550	--	7.8	2.7	2.1	0.99	--	250	
1/31/2011	173.55	7.79	0.00	165.76	3.48	420	--	1.7	0.47	0.59	ND<0.60	--	310	
MW-3			**(Screen Interval in feet: 5.0-25.0)**											
7/20/1999	178.44	8.50	--	169.94	--	1000	--	76	52	79	76	330	--	
9/28/1999	178.44	8.31	0.00	170.13	0.19	1860	--	174	95.4	71.8	135	443	288	
1/7/2000	178.44	8.56	0.00	169.88	-0.25	28400	--	2450	3090	1560	3910	1940	--	
3/31/2000	178.44	8.42	0.00	170.02	0.14	26000	--	1300	2900	2600	3500	2800	--	
7/14/2000	178.44	8.61	0.00	169.83	-0.19	24500	--	1850	2630	2750	3900	548	--	
10/3/2000	178.44	9.14	0.00	169.30	-0.53	22000	--	1910	2020	2400	2680	965	--	
1/3/2001	178.44	9.06	0.00	169.38	0.08	14000	--	1600	1100	2300	1400	3300	--	
4/4/2001	178.44	8.98	0.00	169.46	0.08	19600	--	1150	1470	2100	1820	1050	450	
7/17/2001	178.44	7.46	0.00	170.98	1.52	26000	--	1500	2100	2100	3400	ND	350	
10/3/2001	178.13	9.81	0.00	168.32	-2.66	22000	--	830	1900	1700	3000	ND<1000	--	
1/28/2002	178.13	7.39	0.00	170.74	2.42	30000	--	880	2600	1800	4300	3200	210	
4/25/2002	178.13	7.86	0.00	170.27	-0.47	18000	--	500	2000	1300	3800	500	260	
7/18/2002	178.13	8.83	0.00	169.30	-0.97	37000	--	1800	3800	2200	8000	ND<250	270	
10/7/2002	178.13	9.71	0.00	168.42	-0.88	26000	--	600	2000	1800	6400	ND<120	ND<200	
1/6/2003	178.13	7.40	0.00	170.73	2.31	27000	--	800	2100	2000	6400	440	110	
4/7/2003	178.13	8.17	0.00	169.96	-0.77	28000	--	660	2200	1900	6300	440	100	
7/7/2003	178.13	8.35	0.00	169.78	-0.18	33000	--	1200	2500	2700	8300	280	100	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
10/9/2003	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
1/14/2004	178.13	6.86	0.00	171.27	2.53	5100	--	120	240	310	720	190	230	
4/28/2004	178.13	6.63	0.00	171.50	0.23	7300	--	250	440	580	1300	740	240	
7/12/2004	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
10/25/2004	178.13	8.81	0.00	169.32	-1.40	3300	--	96	140	270	490	94	260	
1/17/2005	178.13	6.37	0.00	171.76	2.44	3400	--	150	270	360	750	55	200	
4/6/2005	178.13	4.69	0.00	173.44	1.68	14000	--	420	1300	1000	3100	ND<250	200	
7/8/2005	178.13	5.23	0.00	172.90	-0.54	5000	--	180	290	500	800	ND<250	150	
10/7/2005	178.13	6.35	0.00	171.78	-1.12	6800	--	270	120	ND<0.30	210	260	180	
1/27/2006	178.13	5.24	0.00	172.89	1.11	3200	--	120	140	270	460	280	250	
4/28/2006	178.13	5.01	0.00	173.12	0.23	4500	--	130	250	380	670	230	180	
7/28/2006	178.13	6.21	0.00	171.92	-1.20	4700	--	160	240	510	730	250	150	
10/27/2006	178.13	6.93	0.00	171.20	-0.72	3700	--	150	160	460	530	250	140	
1/10/2007	178.13	5.93	0.00	172.20	1.00	4800	--	180	160	550	600	230	150	
4/13/2007	178.13	6.10	0.00	172.03	-0.17	5100	--	180	240	550	710	230	160	
7/19/2007	178.13	6.51	0.00	171.62	-0.41	2000	--	110	64	220	190	190	180	
10/8/2007	178.13	7.05	0.00	171.08	-0.54	2100	--	72	65	180	290	180	120	
1/9/2008	178.13	3.65	0.00	174.48	3.40	4200	--	200	160	510	580	290	120	Gauged on 1/18/2008
4/4/2008	178.13	5.69	0.00	172.44	-2.04	7500	--	270	390	810	1200	--	120	
7/3/2008	178.13	7.28	0.00	170.85	-1.59	2300	--	99	66	210	220	--	190	
10/3/2008	178.13	8.40	0.00	169.73	-1.12	12000	--	740	620	1500	2700	--	71	
1/22/2009	178.13	7.68	0.00	170.45	0.72	2000	--	120	79	290	290	--	130	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
4/13/2009	178.13	6.28	0.00	171.85	1.40	3600	--	110	150	180	510	--	120	
7/23/2009	178.13	7.20	0.00	170.93	-0.92	3400	--	180	150	360	650	--	120	
2/1/2010	178.13	5.29	0.00	172.84	1.91	6500	--	180	92	300	250	--	97	
8/2/2010	178.13	6.83	0.00	171.30	-1.54	8600	--	140	110	320	1000	--	89	
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-3B			**(Screen Interval in feet: 20-25)**											
11/1/2010	177.77	6.82	0.00	170.95	--	990	--	31	32	47	50	--	46	
1/31/2011	177.77	5.30	0.00	172.47	1.52	2800	--	32	20	39	47	--	73	
MW-4			**(Screen Interval in feet: 5.0-25.0)**											
7/20/1999	179.10	7.40	--	171.70	--	69	--	2.7	0.77	ND	7.1	100	--	
9/28/1999	179.10	7.19	0.00	171.91	0.21	4050	--	1250	72	51.3	133	416	459	
1/7/2000	179.10	8.98	0.00	170.12	-1.79	7010	--	2260	167	271	276	764	--	
3/31/2000	179.10	7.26	0.00	171.84	1.72	5500	--	1800	230	330	400	1000	--	
7/14/2000	179.10	7.67	0.00	171.43	-0.41	7940	--	2810	332	450	247	1530	--	
10/3/2000	179.10	8.12	0.00	170.98	-0.45	11400	--	3110	437	519	816	1040	--	
1/3/2001	179.10	9.10	0.00	170.00	-0.98	8600	--	2500	340	480	960	850	--	
4/4/2001	179.10	8.63	0.00	170.47	0.47	9950	--	2380	126	416	725	1140	819	
7/17/2001	179.10	6.49	0.00	172.61	2.14	10000	--	2300	110	410	800	1200	900	
10/3/2001	178.96	7.01	0.00	171.95	-0.66	7800	--	2100	85	380	390	580	820	
1/28/2002	178.96	6.21	0.00	172.75	0.80	12000	--	2100	130	350	670	1100	500	
4/25/2002	178.96	5.49	0.00	173.47	0.72	3300	--	1300	42	270	250	680	600	
7/18/2002	178.96	8.28	0.00	170.68	-2.79	4800	--	1300	71	290	220	530	760	
10/7/2002	178.96	7.49	0.00	171.47	0.79	5100	--	1400	110	330	380	650	540	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
1/6/2003	178.96	6.36	0.00	172.60	1.13	5600	--	1100	57	260	320	370	520	
4/7/2003	178.96	6.24	0.00	172.72	0.12	5100	--	1100	55	190	370	550	420	
7/7/2003	178.96	6.43	0.00	172.53	-0.19	3000	--	920	28	170	330	480	450	
10/9/2003	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
1/14/2004	178.96	6.30	0.00	172.66	1.67	530	--	88	4.1	9.9	11	150	180	
4/28/2004	178.96	5.68	0.00	173.28	0.62	1200	--	200	5.3	21	13	490	310	
7/12/2004	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
10/25/2004	178.96	6.85	0.00	172.11	-0.37	490	--	34	ND<2.5	ND<2.5	ND<2.5	200	170	
1/17/2005	178.96	4.56	0.00	174.40	2.29	620	--	100	2.6	15	8.0	240	200	
4/6/2005	178.96	2.90	0.00	176.06	1.66	630	--	81	9.6	16	41	ND<25	26	
7/8/2005	178.96	3.74	0.00	175.22	-0.84	980	--	170	24	44	140	ND<25	64	
10/7/2005	178.96	4.24	0.00	174.72	-0.50	4900	--	1100	11	110	110	370	310	
1/27/2006	178.96	3.65	0.00	175.31	0.59	2800	--	580	20	130	230	320	240	
4/28/2006	178.96	3.94	0.00	175.02	-0.29	710	--	110	2.4	21	22	140	140	
7/28/2006	178.96	4.63	0.00	174.33	-0.69	550	--	120	2.1	12	19	170	150	
10/27/2006	178.96	5.19	0.00	173.77	-0.56	260	--	37	2.0	1.9	6.7	130	130	
1/10/2007	178.96	4.82	0.00	174.14	0.37	270	--	29	0.72	1.8	2.7	160	150	
4/13/2007	178.96	4.25	0.00	174.71	0.57	390	--	53	1.2	3.1	4.1	210	160	
7/19/2007	178.96	5.35	0.00	173.61	-1.10	210	--	8.0	1.0	1.4	4.5	120	130	
10/8/2007	178.96	5.48	0.00	173.48	-0.13	290	--	17	2.3	3.8	14	160	150	
1/9/2008	178.96	3.40	0.00	175.56	2.08	770	--	190	5.9	21	40	210	220	Gauged on 1/18/2008
4/4/2008	178.96	4.20	0.00	174.76	-0.80	180	--	11	2.0	0.67	2.9	--	110	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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
MW-4 continued														
7/3/2008	178.96	5.89	0.00	173.07	-1.69	140	--	4.5	1.3	ND<0.30	ND<0.60	--	100	
10/3/2008	178.96	7.34	0.00	171.62	-1.45	430	--	29	3.4	9.6	20	--	100	
1/22/2009	178.96	6.75	0.00	172.21	0.59	190	--	25	1.7	0.87	1.5	--	96	
4/13/2009	178.96	4.74	0.00	174.22	2.01	290	--	17	2.1	4.4	12	--	88	
7/23/2009	178.96	6.01	0.00	172.95	-1.27	360	--	33	2.3	5.4	18	--	92	
2/1/2010	178.96	6.42	0.00	172.54	-0.41	490	--	35	3.1	2.7	5.5	--	51	
8/2/2010	178.96	5.92	0.00	173.04	0.50	470	--	17	3.4	2.5	12	--	48	
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-4B			**(Screen Interval in feet: 20-25)**											
11/1/2010	179.07	7.20	0.00	171.87	--	230	--	ND<0.30	2.1	1.3	43	--	20	
1/31/2011	179.07	4.49	0.00	174.58	2.71	68	--	ND<0.30	ND<0.30	ND<0.30	2.0	--	30	
MW-5			**(Screen Interval in feet: 5.0-25.0)**											
10/3/2001	169.18	2.81	0.00	166.37	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1800	2100	
1/28/2002	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	
4/25/2002	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	
7/18/2002	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	
10/7/2002	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	
1/6/2003	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	
4/7/2003	169.18	2.15	0.00	167.03	-0.29	220	--	0.53	ND<0.50	ND<0.50	ND<0.50	450	420	
7/7/2003	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	
10/9/2003	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
1/14/2004	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	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
4/28/2004	169.18	2.01	0.00	167.17	-0.01	760	--	ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	
7/12/2004	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
10/25/2004	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	
1/17/2005	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	
4/6/2005	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	
7/8/2005	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	
10/7/2005	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	
1/27/2006	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	
4/28/2006	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	
7/28/2006	169.18	1.57	0.00	167.61	-0.55	480	--	0.34	ND<0.30	ND<0.30	ND<0.60	440	420	
10/27/2006	169.18	2.20	0.00	166.98	-0.63	420	--	0.34	ND<0.30	ND<0.30	ND<0.60	460	390	
1/10/2007	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	
4/13/2007	169.18	1.89	0.00	167.29	-0.32	170	--	3.8	5.9	1.5	3.8	160	120	
7/19/2007	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	
10/8/2007	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	
1/9/2008	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
4/4/2008	169.18	1.72	0.00	167.46	-0.63	210	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	260	
7/3/2008	169.18	2.27	0.00	166.91	-0.55	260	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	360	
10/3/2008	169.18	2.80	0.00	166.38	-0.53	200	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	240	
1/22/2009	169.18	2.45	0.00	166.73	0.35	130	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	170	
4/13/2009	169.18	1.81	0.00	167.37	0.64	190	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	190	
7/23/2009	169.18	2.33	0.00	166.85	-0.52	210	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	210	
2/1/2010	169.18	1.32	0.00	167.86	1.01	170	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	120	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
8/2/2010	169.18	2.20	0.00	166.98	-0.88	64	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	42	
11/1/2010	169.18	3.92	0.00	165.26	-1.72	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
1/31/2011	169.18	1.63	0.00	167.55	2.29	160	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	130	
MW-6			**(Screen Interval in feet: 5.0-25.0)**											
10/3/2001	169.04	2.87	0.00	166.17	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	
1/28/2002	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	--	
4/25/2002	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	--	
7/18/2002	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	
10/7/2002	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	
1/6/2003	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	
4/7/2003	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	
7/7/2003	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	
10/9/2003	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
1/14/2004	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	
4/28/2004	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	
7/12/2004	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	
10/25/2004	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	
1/17/2005	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	
4/6/2005	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	
7/8/2005	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	
10/7/2005	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	
1/27/2006	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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
MW-6 continued														
4/28/2006	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	
7/28/2006	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	
10/27/2006	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	
1/10/2007	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	
4/13/2007	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	
7/19/2007	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	
10/8/2007	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	
1/9/2008	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
4/4/2008	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	
7/3/2008	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	
10/3/2008	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	
1/22/2009	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	
4/13/2009	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	
7/23/2009	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
2/1/2010	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
8/2/2010	169.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-7			**(Screen Interval in feet: 5.0-25.0)**											
10/3/2001	171.64	7.62	0.00	164.02	--	10000	--	210	ND<50	ND<50	800	35000	40000	
1/28/2002	171.64	7.21	0.00	164.43	0.41	ND<1000	--	ND<10	ND<10	ND<10	ND<10	42000	38000	
4/25/2002	171.64	7.25	0.00	164.39	-0.04	ND<5000	--	660	ND<50	ND<50	ND<50	42000	45000	
7/18/2002	171.64	8.12	0.00	163.52	-0.87	ND<5000	--	130	ND<50	ND<50	ND<50	51000	53000	
10/7/2002	171.64	7.71	0.00	163.93	0.41	18000	--	ND<50	ND<50	ND<50	ND<50	33000	38000	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
1/6/2003	171.64	7.63	0.00	164.01	0.08	410	--	0.61	1.0	0.89	2.9	3900	3100	
4/7/2003	171.64	7.58	0.00	164.06	0.05	13000	--	ND<20	ND<20	ND<20	ND<20	32000	28000	
7/7/2003	171.64	7.56	0.00	164.08	0.02	990	--	8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/9/2003	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
1/14/2004	171.64	6.97	0.00	164.67	0.75	19000	--	ND<100	ND<100	ND<100	ND<100	20000	25000	
4/28/2004	171.64	8.70	0.00	162.94	-1.73	19000	--	ND<3	ND<3	ND<3	ND<6	30000	21000	
7/12/2004	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	
10/25/2004	171.64	7.23	0.00	164.41	2.21	28000	--	ND<250	ND<250	ND<250	ND<250	13000	14000	
1/17/2005	171.64	6.30	0.00	165.34	0.93	15000	--	ND<100	ND<100	ND<100	ND<100	17000	16000	
4/6/2005	171.64	5.96	0.00	165.68	0.34	13000	--	ND<100	ND<100	ND<100	ND<100	14000	17000	
7/8/2005	171.64	6.45	0.00	165.19	-0.49	ND<10000	--	ND<100	ND<100	ND<100	ND<100	8600	11000	
10/7/2005	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	
1/27/2006	171.64	5.82	0.00	165.82	0.96	8200	--	0.64	1.6	ND<0.30	ND<0.60	9900	7900	
4/28/2006	171.64	5.57	0.00	166.07	0.25	6900	--	0.88	1.5	0.34	1.0	9600	11000	
7/28/2006	171.64	6.67	0.00	164.97	-1.10	5400	--	5.2	ND<3.0	ND<3.0	ND<6.0	5000	5300	
10/27/2006	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	
1/10/2007	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	
4/13/2007	171.64	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
7/19/2007	171.64	7.10	0.00	164.54	--	2700	--	0.57	ND<0.30	ND<0.30	ND<0.60	2700	3300	
10/8/2007	171.64	7.42	0.00	164.22	-0.32	1600	--	0.47	0.49	ND<0.30	ND<0.60	2500	2200	
1/9/2008	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
4/4/2008	171.64	6.80	0.00	164.84	-0.82	1800	--	0.72	0.58	ND<0.30	ND<0.60	--	2700	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through January 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
7/3/2008	171.64	7.31	0.00	164.33	-0.51	1600	--	0.45	ND<0.30	ND<0.30	ND<0.60	--	2300	
10/3/2008	171.64	7.79	0.00	163.85	-0.48	1300	--	0.53	0.59	ND<0.30	ND<0.60	--	1800	
1/22/2009	171.64	7.26	0.00	164.38	0.53	890	--	0.43	0.49	ND<0.30	ND<0.60	--	1300	
4/13/2009	171.64	6.83	0.00	164.81	0.43	1100	--	0.46	0.30	ND<0.30	ND<0.60	--	1200	
7/23/2009	171.64	7.32	0.00	164.32	-0.49	920	--	ND<0.30	0.73	ND<0.30	ND<0.60	--	900	
2/1/2010	171.64	6.21	0.00	165.43	1.11	1000	--	5.6	4.0	1.2	2.0	--	720	
8/2/2010	171.64	7.08	0.00	164.56	-0.87	880	--	ND<0.30	0.62	ND<0.30	ND<0.60	--	770	
11/1/2010	172.11	6.97	0.00	165.14	0.58	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
1/31/2011	172.11	6.58	0.00	165.53	0.39	730	--	0.31	0.59	ND<0.30	ND<0.60	--	600	
MW-8			**(Screen Interval in feet: 15.0-25.0)**											
1/18/2008	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	
4/4/2008	167.97	0.55	0.00	167.42	-0.12	ND<50	--	0.76	1.6	0.72	2.3	--	ND<0.50	
7/3/2008	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	
10/3/2008	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	
1/22/2009	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	
4/13/2009	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	
7/23/2009	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	
2/1/2010	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	
8/2/2010	167.97	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned

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)	EDB (504) (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)
MW-1												
7/20/1999	16000	--	--	--	--	--	--	--	--	--	--	--
9/28/1999	2410	ND	--	--	--	--	--	ND	ND	ND	--	--
1/7/2000	7870	--	--	--	--	--	--	--	--	--	--	--
3/31/2000	3600	--	--	--	--	--	--	--	--	--	--	--
7/14/2000	8580	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	9260	--	--	--	--	--	--	--	--	--	--	--
1/3/2001	11000	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	14000	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/17/2001	2200	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
10/5/2001	13000	--	--	--	--	--	--	--	--	--	--	--
1/28/2002	4400	--	--	--	--	--	--	--	--	--	--	--
4/25/2002	9000	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	9200	ND<100	--	ND<2500000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
10/7/2002	3400	ND<10000	--	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--
1/6/2003	5100	ND<20000	--	ND<100000000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--
4/7/2003	2800	ND<10000	--	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--
7/7/2003	7000	ND<25000	ND<120000	--	ND<500	--	ND<500	ND<500	ND<500	ND<500	--	--
10/9/2003	4300	ND<20000	--	ND<100000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--
1/14/2004	6200	ND<40000	--	ND<200000	ND<800	--	ND<800	ND<800	ND<800	ND<800	--	--
4/28/2004	--	800	--	ND<1000	ND<50	--	ND<50	ND<1	ND<1	ND<1	--	--
7/12/2004	270	1100	--	ND<20000	ND<10	--	ND<10	ND<20	ND<20	ND<20	--	ND<2
10/25/2004	5100	ND<2000	--	ND<20000	ND<200	--	ND<200	ND<400	ND<200	ND<200	--	--
1/17/2005	6400	3100	--	ND<20000	ND<200	--	ND<200	ND<400	ND<200	ND<200	--	--
4/6/2005	2800	1500	--	ND<10000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--
7/8/2005	6400	ND<1300	--	ND<13000	ND<130	--	3.8	ND<130	ND<130	ND<130	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
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Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)
MW-1 continued												
10/7/2005	5500	680	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/27/2006	9000	ND<500	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
4/28/2006	9200	ND<500	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
7/28/2006	5100	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/27/2006	4600	ND<2500	--	ND<62000	ND<120	--	ND<120	ND<120	ND<120	ND<120	--	--
1/10/2007	12000	ND<1000	--	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--
4/13/2007	8400	730	--	ND<250	ND<0.50	--	0.68	ND<0.50	ND<0.50	ND<0.50	--	--
7/19/2007	10000	ND<1000	--	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--
1/9/2008	12000	ND<250	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
4/4/2008	15000	770	--	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
7/3/2008	9300	ND<250	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
10/3/2008	4400	ND<200	--	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
1/22/2009	8000	ND<500	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
4/13/2009	4800	280	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
7/23/2009	2800	ND<2000	--	ND<50000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--
2/1/2010	3900	--	--	--	--	--	--	--	--	--	ND<5.0	--
8/2/2010	3900	--	--	--	ND<10	ND<0.010	ND<10	--	--	--	ND<5.0	--
MW-1B												
11/1/2010	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
1/31/2011	ND<50	28	--	ND<250	ND<0.50	--	0.76	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
MW-2												
9/28/1999	--	ND	--	--	--	--	--	ND	ND	ND	--	--
4/4/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/17/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/18/2002	--	ND<1000	--	ND<25000000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
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Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)
MW-2 continued												
10/7/2002	--	ND<20000	--	ND<100000000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--
1/6/2003	--	ND<50000	--	ND<250000000	ND<1000	--	ND<1000	ND<1000	ND<1000	ND<1000	--	--
4/7/2003	--	ND<2000	--	ND<10000000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--
7/7/2003	--	ND<5000	--	ND<25000000	ND<100	--	ND<100	ND<100	ND<100	ND<100	--	--
10/9/2003	--	ND<10000	--	ND<50000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--
1/14/2004	--	ND<2500	--	ND<13000	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--
4/28/2004	--	13000	--	ND<1000	ND<0.5	--	ND<0.5	ND<1	ND<1	11	--	--
7/12/2004	--	110	--	ND<4000	ND<3	--	ND<3	ND<5	ND<5	ND<5	--	--
10/25/2004	--	1100	--	ND<1300	ND<13	--	ND<13	ND<25	ND<13	ND<13	--	--
1/17/2005	--	1200	--	ND<1300	ND<13	--	ND<13	ND<25	ND<13	ND<13	--	--
4/6/2005	--	2800	--	ND<2500	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
7/8/2005	--	4300	--	ND<2500	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
10/7/2005	--	8700	--	ND<250	ND<0.50	--	1.4	ND<0.50	ND<0.50	ND<0.50	--	--
1/27/2006	--	5200	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
4/28/2006	--	6700	--	ND<250	ND<0.50	--	1.4	ND<0.50	ND<0.50	1.6	--	--
7/28/2006	--	5100	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
10/27/2006	--	6600	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
1/10/2007	--	6000	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
4/13/2007	--	7400	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
7/19/2007	--	6200	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
10/8/2007	--	20000	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/9/2008	--	9900	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/4/2008	--	5800	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
7/3/2008	--	8300	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/3/2008	ND<50	5900	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--

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)	EDB (504) (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)
MW-2 continued												
1/22/2009	ND<50	7400	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2009	ND<50	5500	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
7/23/2009	230	5000	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
2/1/2010	140	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	210	--	--	--	ND<1.0	ND<0.010	ND<1.0	--	--	--	--	--
MW-2B												
11/1/2010	57	2000	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/31/2011	ND<50	1300	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
MW-3												
9/28/1999	--	ND	--	--	--	--	--	ND	ND	8.80	--	--
4/4/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/17/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/18/2002	--	ND<50	--	ND<1200000	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
10/7/2002	--	ND<10000	--	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--
1/6/2003	--	ND<4000	--	23000000	ND<80	--	ND<80	ND<80	ND<80	ND<80	--	--
4/7/2003	--	ND<4000	--	ND<20000000	ND<80	--	ND<80	ND<80	ND<80	ND<80	--	--
7/7/2003	--	ND<2000	--	ND<10000000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--
10/9/2003	--	ND<1000	--	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
1/14/2004	--	ND<1000	--	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
4/28/2004	--	ND<12	--	ND<1000	ND<3	--	ND<3	ND<1	ND<1	ND<1	--	--
7/12/2004	--	350	--	ND<20000	ND<10	--	ND<10	ND<20	ND<20	ND<20	--	--
10/25/2004	--	39	--	ND<250	ND<2.5	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--
1/17/2005	--	120	--	ND<250	ND<2.5	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--
4/6/2005	--	150	--	ND<1000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
7/8/2005	--	64	--	ND<250	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--

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)	EDB (504) (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)
MW-3 continued												
10/7/2005	--	ND<200	--	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
1/27/2006	--	ND<10	--	ND<250	ND<0.50	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--
4/28/2006	--	190	--	ND<250	ND<0.50	--	0.63	ND<0.50	ND<0.50	ND<0.50	--	--
7/28/2006	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/27/2006	--	ND<10	--	ND<250	ND<0.50	--	1.3	ND<0.50	ND<0.50	ND<0.50	--	--
1/10/2007	--	66	--	ND<250	ND<0.50	--	1.4	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2007	--	ND<10	--	ND<250	ND<0.50	--	1.2	ND<0.50	ND<0.50	ND<0.50	--	--
7/19/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/8/2007	--	ND<20	--	ND<500	ND<1.0	--	1.1	ND<1.0	ND<1.0	ND<1.0	--	--
1/9/2008	--	ND<20	--	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
4/4/2008	--	ND<50	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
7/3/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/3/2008	1200	ND<100	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
1/22/2009	270	ND<20	--	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
4/13/2009	150	ND<10	--	ND<250	ND<0.50	--	1.0	ND<0.50	ND<0.50	ND<0.50	--	--
7/23/2009	310	ND<100	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
2/1/2010	390	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	540	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
MW-3B												
11/1/2010	58	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/31/2011	65	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
MW-4												
9/28/1999	--	ND	--	--	--	--	--	ND	ND	ND	--	--
4/4/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--
7/17/2001	--	ND	--	ND	ND	--	ND	ND	ND	ND	--	--

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)	EDB (504) (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)
MW-4 continued												
7/18/2002	--	ND<100	--	ND<2500000	ND<10	--	49	ND<10	ND<10	ND<10	--	--
10/7/2002	--	ND<10000	--	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--
1/6/2003	--	ND<1000	--	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
4/7/2003	--	ND<1000	--	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
7/7/2003	--	ND<1000	--	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
10/9/2003	--	ND<200	--	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--
1/14/2004	--	ND<200	--	ND<1000	ND<4.0	--	6.5	ND<4.0	ND<4.0	ND<4.0	--	--
4/28/2004	--	150	--	ND<1000	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--
7/12/2004	--	210	--	ND<4000	ND<3	--	14	ND<5	ND<5	ND<5	--	--
10/25/2004	--	38	--	ND<100	ND<1.0	--	2.0	ND<2.0	ND<1.0	ND<1.0	--	--
1/17/2005	--	110	--	ND<100	ND<1.0	--	3.6	ND<2.0	ND<1.0	ND<1.0	--	--
4/6/2005	--	ND<25	--	73000	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
7/8/2005	--	29	--	ND<50	ND<0.50	--	1.2	ND<0.50	ND<0.50	ND<0.50	--	--
10/7/2005	--	210	--	ND<250	ND<0.50	--	26	ND<0.50	ND<0.50	ND<0.50	--	--
1/27/2006	--	280	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
4/28/2006	--	130	--	ND<250	ND<0.50	--	0.97	ND<0.50	ND<0.50	ND<0.50	--	--
7/28/2006	--	64	--	ND<250	ND<0.50	--	5.8	ND<0.50	ND<0.50	ND<0.50	--	--
10/27/2006	--	54	--	ND<250	ND<0.50	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--
1/10/2007	--	33	--	310	ND<0.50	--	1.9	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2007	--	82	--	ND<250	ND<0.50	--	0.77	ND<0.50	ND<0.50	ND<0.50	--	--
7/19/2007	--	13	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/8/2007	--	ND<20	--	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
1/9/2008	--	ND<20	--	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
4/4/2008	--	27	--	ND<250	ND<0.50	--	1.0	ND<0.50	ND<0.50	ND<0.50	--	--
7/3/2008	--	27	--	ND<250	ND<0.50	--	1.4	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)	EDB (504) (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)
MW-4 continued												
10/3/2008	96	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/22/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2009	110	39	--	ND<250	ND<0.50	--	1.4	ND<0.50	ND<0.50	ND<0.50	--	--
7/23/2009	85	42	--	ND<250	ND<0.50	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--
2/1/2010	80	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	120	--	--	--	ND<0.50	ND<0.010	1.4	--	--	--	--	--
MW-4B												
11/1/2010	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/31/2011	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
MW-5												
7/18/2002	--	ND<20	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
10/7/2002	--	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
1/6/2003	ND<50	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
4/7/2003	--	ND<500	--	ND<2500000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
7/7/2003	--	ND<200	--	ND<1000000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--
10/9/2003	--	ND<200	--	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--
1/14/2004	--	ND<2000	--	ND<10000	ND<40	--	ND<40	ND<40	ND<40	ND<40	--	--
4/28/2004	--	ND<12	--	ND<1000	ND<0.5	--	1.8	ND<1	ND<1	ND<1	--	--
7/12/2004	--	ND<12	--	ND<800	ND<0.5	--	0.76	ND<1	ND<1	ND<1	--	--
10/25/2004	--	ND<500	--	ND<5000	ND<50	--	ND<50	ND<100	ND<50	ND<50	--	--
1/17/2005	--	100	--	ND<250	ND<2.5	--	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--
4/6/2005	--	7.6	--	ND<50	ND<0.50	--	1.4	ND<0.50	ND<0.50	ND<0.50	--	--
7/8/2005	--	180	--	ND<500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
10/7/2005	--	ND<10	--	ND<250	ND<0.50	--	1.0	ND<0.50	ND<0.50	ND<0.50	--	--
1/27/2006	--	1000	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--

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)	EDB (504) (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)
MW-5 continued												
4/28/2006	--	130	--	ND<250	ND<0.50	--	0.95	ND<0.50	ND<0.50	ND<0.50	--	--
7/28/2006	--	ND<100	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
10/27/2006	--	43	--	ND<250	ND<0.50	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--
1/10/2007	--	28	--	ND<250	ND<0.50	--	1.7	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2007	--	ND<10	--	ND<250	ND<0.50	--	0.84	ND<0.50	ND<0.50	ND<0.50	--	--
7/19/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	--
10/8/2007	--	ND<10	--	ND<250	ND<0.50	--	1.3	ND<0.50	ND<0.50	ND<0.50	--	--
1/9/2008	--	ND<10	--	ND<250	ND<0.50	--	1.2	ND<0.50	ND<0.50	ND<0.50	--	--
4/4/2008	--	ND<10	--	ND<250	ND<0.50	--	1.4	ND<0.50	ND<0.50	ND<0.50	--	--
7/3/2008	--	ND<10	--	ND<250	ND<0.50	--	1.5	ND<0.50	ND<0.50	ND<0.50	--	--
10/3/2008	60	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/22/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	1.2	ND<0.50	ND<0.50	ND<0.50	--	--
7/23/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	1.8	ND<0.50	ND<0.50	ND<0.50	--	--
2/1/2010	ND<50	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	ND<50	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--
1/31/2011	ND<50	ND<10	--	ND<250	ND<0.50	--	1.6	ND<0.50	ND<0.50	ND<0.50	--	--
MW-6												
7/18/2002	--	ND<20	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
10/7/2002	--	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
1/6/2003	--	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
4/7/2003	--	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
7/7/2003	--	ND<100	--	ND<500000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
10/9/2003	--	ND<100	--	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--
1/14/2004	--	ND<100	--	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--

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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)	EDB (504) (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)
MW-6 continued												
4/28/2004	--	ND<12	--	ND<1000	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--
7/12/2004	--	ND<12	--	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--
10/25/2004	--	ND<5.0	--	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
1/17/2005	--	ND<5.0	--	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--
4/6/2005	--	ND<5.0	--	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/8/2005	--	ND<5.0	--	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/7/2005	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/27/2006	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/28/2006	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/28/2006	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/27/2006	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/10/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/19/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/8/2007	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/9/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/4/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/3/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/3/2008	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/22/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
MW-7												
7/18/2002	--	33000	--	ND<5000000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--
10/7/2002	--	26000	--	ND<100000000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--
1/6/2003	ND<50	ND<10000	--	ND<50000000	ND<200	--	ND<200	ND<200	ND<200	ND<200	--	--

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)	EDB (504) (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)
MW-7 continued												
4/7/2003	--	ND<40000	--	ND<200000000	ND<800	--	ND<800	ND<800	ND<800	ND<800	--	--
7/7/2003	--	27000	--	ND<100000000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--
10/9/2003	--	ND<25000	--	ND<130000	ND<500	--	ND<500	ND<500	ND<500	ND<500	--	--
1/14/2004	--	ND<40000	--	ND<200000	ND<800	--	ND<800	ND<800	ND<800	ND<800	--	--
4/28/2004	--	9200	--	ND<1000	ND<0.5	--	6.8	ND<1	ND<1	12	--	--
7/12/2004	--	4600	--	ND<8000	ND<5	--	5.1	ND<10	ND<10	ND<10	--	--
10/25/2004	--	3900	--	ND<5000	ND<50	--	ND<50	ND<100	ND<50	ND<50	--	--
1/17/2005	--	4200	--	ND<5000	ND<50	--	ND<50	ND<100	ND<50	ND<50	--	--
4/6/2005	--	4200	--	ND<10000	ND<0.50	--	6.4	ND<0.50	ND<0.50	9.3	--	--
7/8/2005	--	4300	--	ND<5000	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--
10/7/2005	--	1100	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
1/27/2006	--	1600	--	ND<25000	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--
4/28/2006	--	2900	--	ND<250	ND<0.50	--	3.4	ND<0.50	ND<0.50	6.3	--	--
7/28/2006	--	1300	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
10/27/2006	--	1700	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
1/10/2007	12000	1300	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
7/19/2007	--	ND<100	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--
10/8/2007	--	ND<500	--	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--
1/9/2008	--	2700	--	ND<250	ND<0.50	--	1.2	ND<0.50	ND<0.50	1.1	--	--
4/4/2008	--	1400	--	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--
7/3/2008	--	940	--	ND<250	ND<0.50	--	2.2	ND<0.50	ND<0.50	1.2	--	--
10/3/2008	ND<50	540	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
1/22/2009	ND<50	370	--	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--
4/13/2009	ND<50	420	--	ND<5000	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
7/23/2009	ND<50	370	--	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--

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)	EDB (504) (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)
MW-7 continued												
2/1/2010	53	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	ND<50	--	--	--	ND<0.50	--	1.9	--	--	--	--	--
1/31/2011	ND<50	160	--	ND<250	ND<0.50	--	1.3	ND<0.50	ND<0.50	ND<0.50	--	--
MW-8												
1/18/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/4/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/3/2008	--	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
10/3/2008	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
1/22/2009	64	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
4/13/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
7/23/2009	ND<50	ND<10	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--
2/1/2010	ND<50	--	--	--	--	--	--	--	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Bromo-dichloro-methane (µg/l)	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)
MW-1												
7/20/1999	--	--	--	--	12	--	--	--	--	3.9	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	6.2	--	--
4/4/2001	--	--	--	--	5.6	--	--	--	--	4.6	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	18	--	--
7/18/2002	--	--	--	--	5.9	1.1	--	--	--	5.8	--	1.3
7/7/2003	--	--	--	--	ND<120	--	--	--	--	--	--	--
7/12/2004	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<2	ND<2
7/8/2005	ND<0.50	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
7/28/2006	ND<0.50	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
7/19/2007	ND<50	ND<50	ND<100	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
7/3/2008	ND<12	ND<12	ND<25	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12
MW-5												
1/6/2003	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
MW-7												
1/6/2003	--	--	--	--	ND<50	--	--	--	--	--	--	--

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	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)	Naph-thalene (µg/l)	n-Propyl-benzene (µg/l)
MW-1												
7/20/1999	--	2.0	--	3.6	--	0.92	--	--	--	--	600	--
9/28/1999	--	--	--	--	--	--	--	--	--	--	534	--
1/7/2000	--	--	--	--	--	--	--	--	--	--	1050	371
3/31/2000	--	--	--	--	--	--	--	--	--	--	140	--
7/14/2000	--	--	--	--	--	--	--	--	--	--	690	--
10/3/2000	--	--	--	--	--	--	--	--	--	--	361	--
1/3/2001	--	--	--	--	--	--	--	--	--	--	400	--
4/4/2001	--	--	--	3.4	--	--	--	--	--	--	490	--
7/17/2001	--	--	--	--	--	--	--	--	--	--	740	--
7/18/2002	--	--	--	1.3	--	--	--	--	--	--	910	--
7/7/2003	--	--	--	ND<120	--	--	--	--	--	--	850	--
7/12/2004	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<20	450	--
7/8/2005	ND<1.0	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	--
7/28/2006	ND<0.50	ND<0.50	ND<0.50	4.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	--	--
7/19/2007	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND<100	--	--
7/3/2008	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	--	ND<25	--	--
MW-5												
1/6/2003	--	--	--	ND<0.50	--	--	--	--	--	--	ND<10	--
MW-7												
1/6/2003	--	--	--	ND<50	--	--	--	--	--	--	ND<10	--

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	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)
MW-1												
9/28/1999	--	--	--	--	--	--	--	--	1240	318	--	--
1/7/2000	--	--	--	--	--	--	--	--	2210	597	--	--
7/14/2000	--	334	--	--	--	--	--	--	--	--	--	--
7/18/2002	--	ND<0.60	--	--	--	--	--	--	--	--	--	--
7/7/2003	--	ND<120	--	--	--	--	--	--	--	--	--	--
7/12/2004	ND<10	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<10	--	--	ND<10	ND<2
7/8/2005	ND<0.50	ND<0.50	ND<0.50	ND<20	ND<0.50	ND<0.50	0.73	ND<1.0	--	--	ND<0.50	--
7/28/2006	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<10
7/19/2007	ND<50	ND<50	ND<50	--	ND<50	ND<50	ND<50	ND<50	--	--	ND<50	ND<2.2
7/3/2008	ND<12	ND<12	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	ND<12	ND<20
MW-5												
1/6/2003	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
MW-7												
1/6/2003	--	ND<50	--	--	--	--	--	--	--	--	--	--

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Acena-phthylene (svoc) (µg/l)	Anthra-cene (µg/l)	Benzo[a]-anthracene (µg/l)	Benzo[a]-pyrene (µg/l)	Benzo[b]-fluor-anthene (µg/l)	Benzo-[g,h,I]-perylene (µg/l)	Benzo[k]-fluor-anthene (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)
MW-1												
7/12/2004	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	--	--	--	--	--
7/28/2006	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10	ND<10
7/19/2007	ND<2.2	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
7/3/2008	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20	ND<20

Table 2 f
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Bis(2-ethyl-hexyl) phthalate (µg/l)	4-Bromo-pheny phe-nyl ether (µg/l)	Butyl-benzyl phthalate (µg/l)	4-Chloro-3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)	2-Chloro-naphtha-lene (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)
MW-1												
3/31/2000	10	--	--	--	--	--	--	--	--	--	--	--
10/3/2000	51.6	--	--	--	--	--	--	--	--	--	--	--
4/4/2001	55	--	--	--	--	--	--	--	--	--	--	--
7/17/2001	400	--	--	--	--	--	--	--	--	--	--	--
7/18/2002	120	--	--	--	--	--	--	--	--	--	--	--
7/7/2003	70	--	--	--	--	--	--	--	--	--	--	--
7/12/2004	ND<5	--	--	--	--	--	--	--	ND<2	ND<3	--	--
7/28/2006	33	ND<10	ND<10	ND<25	ND<10	ND<10	ND<10	ND<10	ND<10	ND<15	ND<10	ND<10
7/19/2007	ND<4.4	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
7/3/2008	ND<40	ND<20	ND<20	ND<50	ND<20	ND<20	ND<20	ND<20	ND<20	ND<30	ND<20	ND<20
MW-5												
1/6/2003	ND<5.0	--	--	--	--	--	--	--	--	--	--	--
MW-7												
1/6/2003	ND<5.0	--	--	--	--	--	--	--	--	--	--	--

Table 2 g
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	1,3-Dichloro-benzene (svoc) (µg/l)	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)
MW-1												
7/28/2006	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10	ND<10
7/19/2007	ND<2.2	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
7/3/2008	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20	ND<20

Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluoran-thene (µg/l)	Fluorene (µg/l)	Hexa-chloro-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)
MW-1												
7/20/1999	--	--	--	--	--	--	--	--	--	240	--	27
9/28/1999	--	--	--	--	--	--	--	--	--	87.4	26.4	35.6
1/7/2000	--	--	--	--	--	--	--	--	--	315	--	--
3/31/2000	--	--	--	--	--	--	--	--	--	73	31	18
7/14/2000	--	--	--	--	--	--	--	--	--	300	--	--
10/3/2000	--	--	--	--	--	--	--	--	--	98.1	--	28.9
1/3/2001	--	--	--	--	--	--	--	--	--	180	--	--
4/4/2001	--	--	--	--	--	--	--	--	--	78	--	--
7/17/2001	--	--	--	--	--	--	--	--	--	290	47	25
7/18/2002	--	--	--	--	--	--	--	--	--	420	13	25
7/7/2003	--	--	--	--	--	--	--	--	--	260	ND<5.0	22
7/12/2004	ND<2	ND<2	--	--	--	--	ND<2	--	--	--	--	--
7/28/2006	ND<10	ND<10	ND<10	ND<5.0	ND<10	ND<10	ND<10	ND<10	--	280	ND<10	--
7/19/2007	ND<2.2	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	--
7/3/2008	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	270	ND<20	--
MW-5												
1/6/2003	--	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0
MW-7												
1/6/2003	--	--	--	--	--	--	--	--	--	ND<5.0	ND<5.0	ND<5.0

Table 2 i
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Naphtha-lene (svoc) (µg/l)	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)
MW-1												
7/12/2004	--	--	--	--	--	--	--	--	--	--	ND<2	--
7/28/2006	660	ND<10	ND<10	ND<25	ND<10	ND<10	ND<10	ND<10	ND<10	ND<50	ND<10	ND<10
7/19/2007	770	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
7/3/2008	750	ND<20	ND<20	ND<50	ND<20	ND<20	ND<20	ND<20	ND<20	ND<100	ND<20	ND<20

Table 2 j
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Pyrene (µg/l)	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)	Molyb-denum (total) (µg/l)	Molyb-denum (dissolved) (µg/l)
MW-1												
7/12/2004	ND<2	--	--	--	--	--	--	--	--	--	--	--
7/28/2006	ND<10	ND<10	ND<25	ND<25	--	--	--	--	--	--	--	--
7/19/2007	ND<2.2	ND<2.2	ND<5.5	ND<5.5	--	--	--	--	--	--	--	--
7/3/2008	ND<20	ND<20	ND<50	ND<50	--	--	--	--	--	--	--	--
4/13/2009	--	--	--	--	26	ND<2.0	ND<3.0	280	160	200	8.6	7.5
MW-2												
4/13/2009	--	--	--	--	4.4	ND<2.0	9.3	740	110	230	1.1	ND<1.0
MW-3												
4/13/2009	--	--	--	--	3.0	ND<2.0	14	1800	2800	2500	4.7	3.7
MW-4												
4/13/2009	--	--	--	--	1.9	ND<2.0	8.1	1500	2000	3500	7.2	6.4
MW-5												
4/13/2009	--	--	--	--	1.4	ND<2.0	19	ND<500	1.4	650	1.2	1.5
MW-6												
4/13/2009	--	--	--	--	1.4	ND<2.0	32	ND<500	14	530	2.6	2.9
MW-7												
4/13/2009	--	--	--	--	2.3	ND<2.0	100	3200	960	2300	1.1	1.3
MW-8												
4/13/2009	--	--	--	--	0.48	ND<2.0	3.3	130	ND<1.0	47	1.2	1.2

Table 2 k
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Selenium (total) (µg/l)	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)
MW-1												
4/13/2009	ND<2.0	ND<2.0	ND<3.0	ND<3.0	ND<25	0.77	23	ND<0.44	ND<1.0	390	750	--
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.81
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.59
MW-1B												
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.93
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	1.32
MW-2												
4/13/2009	ND<2.0	ND<2.0	31	12	ND<25	0.40	25	0.85	14	350	688	0.49
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	7.09
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	1.51
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.62
MW-2B												
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	1.06
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	0.89
MW-3												
4/13/2009	ND<2.0	ND<2.0	22	ND<3.0	ND<25	0.41	30	2.9	16	360	681	0.38
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	6.14
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.79
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.62
MW-3B												
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.60
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	0.66
MW-4												

Table 2 k
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Selenium (total) (µg/l)	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)
MW-4 continued												
4/13/2009	ND<2.0	ND<2.0	13	3.4	ND<25	0.40	37	4.4	23	320	704	1.35
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	7.23
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.90
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.57
MW-4B												
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.63
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	1.72
MW-5												
4/13/2009	ND<2.0	ND<2.0	59	6.1	ND<25	0.71	68	5.7	26	350	860	0.95
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	2.08
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	1.84
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	1.36
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	1.00
MW-6												
4/13/2009	ND<2.0	ND<2.0	80	5.2	ND<25	0.58	72	8.9	37	280	754	0.54
MW-7												
4/13/2009	ND<2.0	ND<2.0	190	5.6	ND<25	0.50	37	ND<0.44	9.3	430	848	1.27
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	0.76
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.97
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.74
1/31/2011	--	--	--	--	--	--	--	--	--	--	--	0.92
MW-8												
4/13/2009	ND<2.0	ND<2.0	12	4.5	ND<25	ND<0.10	81	19	40	210	690	1.11
7/23/2009	--	--	--	--	--	--	--	--	--	--	--	8.40

Table 2 k
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Selenium (total) (µg/l)	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)
MW-8 continued												
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	2.94

Table 2 l
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-1			
4/13/2009	0.75	-102	--
7/23/2009	2.47	-23	--
2/1/2010	1.18	-98	-108
8/2/2010	0.72	-82	-97
MW-1B			
11/1/2010	2.80	121	111
1/31/2011	2.57	152	159
MW-2			
4/13/2009	0.65	-27	-15
7/23/2009	2.57	56	14
2/1/2010	2.13	3	-14
8/2/2010	0.97	-7	-12
MW-2B			
11/1/2010	1.30	113	115
1/31/2011	1.25	159	159
MW-3			
4/13/2009	0.64	-89	-82
7/23/2009	5.14	-22	-56
2/1/2010	2.12	-63	-89
8/2/2010	0.81	-77	-59
MW-3B			
11/1/2010	1.89	125	117
1/31/2011	0.88	161	100

Table 2 l
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-4			
4/13/2009	0.51	-67	-46
7/23/2009	2.10	-28	-48
2/1/2010	1.67	-76	-70
8/2/2010	0.74	-94	-64
MW-4B			
11/1/2010	1.31	77	83
1/31/2011	3.13	151	145
MW-5			
4/13/2009	1.80	-21	-12
7/23/2009	1.54	136	144
2/1/2010	1.82	21	23
8/2/2010	1.78	171	44
1/31/2011	1.17	154	155
MW-6			
4/13/2009	0.80	-40	-32
MW-7			
4/13/2009	0.80	-21	-13
7/23/2009	1.35	165	165
2/1/2010	1.86	-33	-12
8/2/2010	1.24	133	41
1/31/2011	1.22	156	163
MW-8			
4/13/2009	2.56	-70	-48
7/23/2009	4.57	196	185

Table 2 l
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)	Post-purge ORP (mV)
MW-8 continued			
2/1/2010	3.17	-17	-16

COORDINATED EVENT DATA

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-1	11/17/1993	410	21	11	7.9	47	---	---	---	---	---	---	---	---	---	175.79	8.59	---	167.20	---	---	---
MW-1	1/20/1994	1,200	180	19	48	47	---	---	---	---	---	---	---	---	---	175.79	8.22	---	167.57	---	---	---
MW-1	4/25/1994	3,100	610	<10	130	27	---	---	---	---	---	---	---	---	---	175.79	7.63	---	168.16	---	---	---
MW-1	7/7/1994	2,400	1,000	10	250	20	---	---	---	---	---	---	---	---	---	175.79	8.31	---	167.48	---	---	---
MW-1	10/27/1994	2,200	500	3.1	72	1.8	---	---	---	---	---	---	---	---	---	175.79	8.84	---	166.95	---	---	---
MW-1	11/17/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	175.79	7.60	---	168.19	---	---	---
MW-1	11/28/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	175.79	7.56	---	168.23	---	---	---
MW-1	1/13/1995	570	75	2.5	6.7	11	---	---	---	---	---	---	---	---	---	175.79	7.11	---	168.68	---	---	---
MW-1	4/12/1995	1,800	480	<5.0	79	<5.0	---	---	---	---	---	---	---	---	---	175.79	7.08	---	168.71	---	---	---
MW-1	7/25/1995	120	15	1.1	2.1	2.9	---	---	---	---	---	---	---	---	---	175.79	7.73	---	168.06	---	---	---
MW-1 (D)	7/25/1995	300	88	2.4	11	6.5	---	---	---	---	---	---	---	---	---	175.79	7.73	---	168.06	---	---	---
MW-1	10/18/1995	130	9.5	0.8	1.3	1.7	---	---	---	---	---	---	---	---	---	175.79	8.42	---	167.37	---	---	---
MW-1 (D)	10/18/1995	120	11	0.8	1.4	1.8	---	---	---	---	---	---	---	---	---	175.79	8.42	---	167.37	---	---	---
MW-1	1/17/1996	250	22	0.9	1.6	2.3	---	---	---	---	---	---	---	---	---	175.79	7.83	---	167.96	---	---	---
MW-1	4/25/1996	<50	4.6	<0.5	<0.5	0.6	500b	---	---	---	---	---	---	---	---	175.79	7.35	---	168.44	---	---	---
MW-1	7/17/1996	<250	15	<2.5	<2.5	<2.5	540	---	---	---	---	---	---	---	---	175.79	7.70	---	168.09	---	---	---
MW-1	10/1/1996	1,200	500	12	57	82	1,900	---	---	---	---	---	---	---	---	175.79	8.07	---	167.72	---	---	---
MW-1	1/22/1997	640	170	4.3	33	33	1,200	---	---	---	---	---	---	---	---	175.79	7.21	---	168.58	---	---	---
MW-1	4/8/1997	<200	34	<2.0	3.3	4.3	950	---	---	---	---	---	---	---	---	175.79	7.75	---	168.04	---	---	---
MW-1 (D)	4/8/1997	<200	66	<2.0	6.4	8	740	---	---	---	---	---	---	---	---	175.79	7.75	---	168.04	---	---	---
MW-1	7/8/1997	190	49	1.2	5.8	8.6	560	---	---	---	---	---	---	---	---	175.79	8.01	---	167.78	---	---	---
MW-1	10/8/1997	<100	7	<1.0	<1.0	<1.0	620	---	---	---	---	---	---	---	---	175.79	8.10	---	167.69	---	---	---
MW-1	1/9/1998	970	390	12	48	71	1,200	---	---	---	---	---	---	---	---	175.79	7.14	---	168.65	---	---	---
MW-1	4/13/1998	<50	136	<0.50	1.5	1.8	170	---	---	---	---	---	---	---	---	175.79	6.78	---	169.01	---	---	---
MW-1	7/17/1998	2,500	750	11	88	67	150	---	---	---	---	---	---	---	---	175.79	7.28	---	168.51	---	---	---
MW-1	10/2/1998	8,000	970	36	270	440	35	---	---	---	---	---	---	---	---	175.79	7.77	---	168.02	---	---	---
MW-1	2/3/1999	210	56	0.82	<0.50	3.2	220	---	---	---	---	---	---	---	---	175.79	7.45	---	168.34	---	1.4	---
MW-1	4/29/1999	<50	4.5	<0.50	0.56	<0.50	140	196	---	---	---	---	---	---	---	175.79	7.58	---	168.21	---	1.2	140
MW-1	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	120	111*	---	---	---	---	---	---	---	175.79	8.51	---	167.28	---	1.0	---
MW-1	11/1/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.90	---	---	---	---	---	---	---	---	175.79	8.30	---	167.49	---	1.4	-71
MW-1	1/17/2000	<50	<0.50	<0.50	<0.50	<0.50	3.30	---	---	---	---	---	---	---	---	175.79	8.04	---	167.75	---	16.9	64
MW-1	4/17/2000	<50.0	1.08	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	175.79	8.00	---	167.79	---	1.8	112
MW-1	7/26/2000	125	54.3	2.16	5.45	9.86	33.1	---	---	---	---	---	---	---	---	175.79	7.52	---	168.27	---	13.2	-140
MW-1	10/12/2000	101	40.7	2.68	3.00	5.18	25.0	---	---	---	---	---	---	---	---	175.79	7.71	---	168.08	---	>20	534
MW-1	1/15/2001	<50.0	0.633	<0.500	0.505	1.74	<2.50	---	---	---	---	---	---	---	---	175.79	7.33	---	168.46	---	16.9	-127
MW-1	4/9/2001	<50.0	<0.500	<0.500	<0.500	0.927	<2.50	---	---	---	---	---	---	---	---	175.79	7.68	---	168.11	---	12.8	-117
MW-1	7/24/2001	<50	4.0	0.65	0.53	1.3	---	<5.0	---	---	---	---	---	---	---	175.79	8.00	---	167.79	---	>20	43
MW-1	10/31/2001	<50	4.4	<0.50	<0.50	0.98	---	<5.0	---	---	---	---	---	---	---	175.79	7.94	---	167.85	---	13.6	123
MW-1	1/10/2002	<50	2.2	<0.50	<0.50	1.2	---	6.1	---	---	---	---	---	---	---	175.79	7.63	---	168.16	---	0.1	63

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-1	4/25/2002	<50	2.0	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	175.79	7.76	---	168.03	---	0.3	54
MW-1	7/18/2002	<50	6.1	<0.50	<0.50	0.98	---	<5.0	---	---	---	---	---	---	---	175.79	8.29	---	167.50	---	1.1	32
MW-1	10/7/2002	500	17	14	11	60	---	9.0	---	---	---	---	---	---	---	175.76	8.34	---	167.42	---	2.8	-26
MW-1	1/6/2003	<50	12	<0.50	0.73	0.58	---	14	---	---	---	---	---	---	---	175.76	7.18	---	168.58	---	0.5	-22
MW-1	4/7/2003	<50	<0.50	<0.50	<0.50	<1.0	---	12	'---	'---	'---	<5.0	---	---	'---	175.76	7.75	---	168.01	---	0.7	-24
MW-1	7/7/2003	<50	6.6	<0.50	<0.50	<1.0	---	8.1	'---	'---	'---	<5.0	---	---	'---	175.76	7.75	---	168.01	---	0.5	16
MW-1	10/9/2003	<50	1.9	<0.50	<0.50	<1.0	---	22	'---	'---	'---	<5.0	---	---	'---	175.76	8.45	---	167.31	---	0.7	80
MW-1	1/14/2004	<100	19	<1.0	<1.0	<2.0	---	180	'---	'---	'---	63	---	---	'---	175.76	7.45	---	168.31	---	0.8	242
MW-1	4/28/2004	<50	2.1	<0.50	<0.50	<1.0	---	110	'---	'---	'---	33	---	---	'---	175.76	8.25	---	167.51	---	0.5	64
MW-1	7/12/2004	<50	2.5	<0.50	<0.50	<1.0	---	120	<2.0	<2.0	<2.0	26	---	---	<50	175.76	6.20	---	169.56	---	0.5	72
MW-1	10/25/2004	<500	<5.0	<5.0	<5.0	<10	---	550	---	---	---	240	---	---	---	175.76	7.98	---	167.78	---	3.15	-72
MW-1	1/17/2005	<250	8.0	<2.5	<2.5	<5.0	---	500	---	---	---	310	---	---	---	175.76	7.42	---	168.34	---	0.2	9
MW-1	4/6/2005	<250	<2.5	<2.5	<2.5	<5.0	---	230	---	---	---	330*	---	---	---	175.76	8.15	---	167.61	---	2.49	143
MW-1	7/8/2005	<50	<0.50	<0.50	<0.50	<0.50	---	380	<0.50	<0.50	<0.50	510	---	---	<5.0	175.76	7.45	---	168.31	---	1.1	12
MW-1	10/7/2005	<500 c	<5.0	<5.0	<5.0	<10	---	1,600	---	---	---	1,600	---	---	---	175.76	7.72	---	168.04	---	---	---
MW-1	1/27/2006	1,720	6.92	<0.500	<0.500	<0.500	---	1,270	---	---	---	1,380	---	---	---	175.76	6.68	---	169.08	---	---	---
MW-1	4/28/2006	2,420	6.90	1.19	<0.500	0.980	---	2,080	---	---	---	1,870	---	---	---	175.76	6.67	---	169.09	---	---	---
MW-1	7/28/2006	3,230	2.06	<0.500	<0.500	<0.500	---	1,770	<0.500	<0.500	1.14	1,730	---	---	<50.0	175.76	7.65	---	168.11	---	---	---
MW-1	10/27/2006	1,020	3.22	<0.500	1.72	<0.500	---	690	---	---	---	884	---	---	---	175.76	7.90	---	167.86	---	---	---
MW-1	1/10/2007	1,100	3.0	<0.50	<0.50	<1.0	---	2,300	---	---	---	2,900	---	---	---	175.76	7.62	---	168.14	---	---	---
MW-1	4/13/2007	620 g,h	7.1	0.24 i	<1.0	<1.0	---	2,800	---	---	---	3,600	---	---	---	175.76	6.98	---	168.78	---	---	---
MW-1	7/9/2007	960 g,h	4.3 i	<20	<20	<20	---	1,900	<40	<40	<40	2,100	---	---	<2,000	175.76	7.60	---	168.16	---	---	---
MW-1	10/8/2007	590 g,h	5.9 i	<20	<20	<20	---	3,200	---	---	---	2,200	---	---	---	175.76	8.05	---	167.71	---	---	---
MW-1	1/9/2008	470 g,h	36	<10	<10	<10	---	660	---	---	---	1,300	---	---	---	175.76	6.99	---	168.77	---	---	---
MW-1	4/4/2008	2,200	<10	<20	<20	<20	---	2,000	---	---	---	1,500	---	---	---	175.76	6.94	---	168.82	---	---	---
MW-1	7/3/2008	1,800	<10	<20	<20	<20	---	1,800	<40	<40	<40	3,400	---	---	<2,000	175.76	8.03	---	167.73	---	---	---
MW-1	10/3/2008	2,000	<10	<20	<20	<20	---	2,000	---	---	---	2,800	---	---	---	175.76	8.58	---	167.18	---	---	---
MW-1	1/22/2009	2,400	14	<20	<20	<20	---	1,600	---	---	---	3,200	---	---	---	175.76	8.15	---	167.61	---	---	---
MW-1	4/13/2009	1,800	<10	<20	<20	<20	---	970	---	---	---	1,900	---	---	---	175.76	2.13	---	173.63	---	---	---
MW-1	7/23/2009	1,800	6.9	<10	<10	<10	---	1,500	<20	<20	<20	2,800	---	---	<1000	175.76	8.15	---	167.61	---	---	---
MW-1	2/1/2010	910	94	<5.0	<5.0	<5.0	---	620	---	---	---	1,800	---	---	---	175.76	7.44	---	168.32	---	---	---
MW-1	8/2/2010	1,600	8.4	<5.0	<5.0	<5.0	---	2,100	---	---	---	2,100	---	---	---	175.76	7.49	---	168.27	---	---	---
MW-1	**1/31/2011**	**1,100 j**	**41**	**<10**	**<10**	**<10**	**---**	**2,000**	**---**	**---**	**---**	**2,600**	**<10**	**<10**	**---**	**175.76**	**7.45**	**---**	**168.31**	**---**	**---**	**---**
MW-2	11/17/1993	31,000	9,400	4,600	1,000	3,900	---	---	---	---	---	---	---	---	---	170.91	12.31	---	158.60	---	---	---
MW-2	1/20/1994	40,000	6,900	5,600	780	4,100	---	---	---	---	---	---	---	---	---	170.91	11.48	---	159.43	---	---	---
MW-2 (D)	1/20/1994	41,000	7,200	6,200	900	4,800	---	---	---	---	---	---	---	---	---	170.91	11.48	---	159.43	---	---	---
MW-2	4/25/1994	60,000	9,300	6,100	1,400	6,200	---	---	---	---	---	---	---	---	---	170.91	10.84	---	160.07	---	---	---
MW-2	7/7/1994	280,000a	40,000	26,000	8,100	32,000	---	---	---	---	---	---	---	---	---	170.91	11.89	---	159.02	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-2 (D)	7/7/1994	53,000	13,000	6,600	2,000	8,400	---	---	---	---	---	---	---	---	---	170.91	11.89	---	159.02	---	---	---
MW-2	10/27/1994	130,000	14,000	12,000	2,400	13,000	---	---	---	---	---	---	---	---	---	170.91	12.89	---	158.02	---	---	---
MW-2 (D)	10/27/1994	390,000	8,800	7,000	1,700	11,000	---	---	---	---	---	---	---	---	---	170.91	12.89	---	158.02	---	---	---
MW-2	11/17/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	9.11	---	161.80	---	---	---
MW-2	11/28/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	9.22	---	161.69	---	---	---
MW-2	1/13/1995	75,000	5,900	12,000	3,100	17,000	---	---	---	---	---	---	---	---	---	170.91	8.10	---	162.81	---	---	---
MW-2	4/12/1995	100,000	8,500	11,000	2,400	12,000	---	---	---	---	---	---	---	---	---	170.91	10.12	---	160.79	---	---	---
MW-2 (D)	4/12/1995	80,000	4,200	9,300	2,500	12,000	---	---	---	---	---	---	---	---	---	170.91	10.12	---	160.79	---	---	---
MW-2	7/25/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	11.53	---	159.80	0.52	---	---
MW-2	10/18/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	14.02	---	156.99	0.13	---	---
MW-2	1/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	10.27	---	160.78	0.17	---	---
MW-2	4/25/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	11.68	---	159.25	0.03	---	---
MW-2	7/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	12.78	---	158.81	0.48	---	---
MW-2	10/1/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	14.21	---	156.70	0.28	---	---
MW-2	1/22/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	10.92	---	160.08	0.11	---	---
MW-2	4/8/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	14.12	---	156.95	0.20	---	---
MW-2	7/8/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	14.98	---	156.08	0.19	---	---
MW-2	10/8/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	12.97	---	157.98	0.05	---	---
MW-2	1/8/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	12.54	---	158.43	0.08	---	---
MW-2	4/13/1998	180,000	2,800	5,200	2,400	13,000	71,000	---	---	---	---	---	---	---	---	170.91	10.05	---	160.86	---	---	---
MW-2	7/17/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	11.75	---	159.24	0.10	---	---
MW-2	10/2/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	16.78	---	154.22	0.11	---	---
MW-2	2/3/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	9.90	9.82	161.07	0.08	---	---
MW-2	4/29/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	9.86	9.81	161.09	0.05	---	---
MW-2	7/23/1999	65,800	6,500	4,480	1,960	8,960	46,600	58,500*	---	---	---	---	---	---	---	170.91	14.45	---	156.46	---	1.4	---
MW-2	11/1/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.91	11.84	11.81	159.09	0.03	---	---
MW-2	1/17/2000	46,000	6,000	2,400	1,500	5,500	50,000	31,000	---	---	---	---	---	---	---	170.91	11.00	---	159.91	---	1.3	-54
MW-2	4/17/2000	96,300	8,150	10,200	2,820	14,900	112,000	108,000	---	---	---	---	---	---	---	170.91	11.06	---	159.85	---	2.6	125
MW-2	7/26/2000	72,400	8,680	5,620	2,810	13,400	66,200	46,300	---	---	---	---	---	---	---	170.91	12.82	---	158.09	---	2.2	113
MW-2	10/12/2000	63,200	5,840	4,180	2,310	11,100	61,200	66,600	---	---	---	---	---	---	---	170.91	11.32	---	159.59	---	0.4	55
MW-2	1/15/2001	59,700	2,630	4,800	2,050	11,500	44,400	5,080	---	---	---	---	---	---	---	170.91	10.19	---	160.72	---	1.1	-22
MW-2	4/9/2001	56,900	1,860	2,550	1,810	9,720	40,000	46,600	---	---	---	---	---	---	---	170.91	11.15	---	159.76	---	1.0	-55
MW-2	7/24/2001	84,000	3,000	4,600	2,500	13,000	---	41,000	---	---	---	---	---	---	---	170.91	11.67	---	159.24	---	0.2	53
MW-2	10/31/2001	45,000	2,200	3,000	1,500	7,700	---	29,000	<50	<50	<50	51,000	---	---	<500	170.91	11.04	---	159.87	---	1.2	-17
MW-2	1/10/2002	28,000	840	740	760	3,300	---	32,000	---	---	---	---	---	---	---	170.91	9.58	---	161.33	---	2.1	-76
MW-2	4/25/2002	41,000	1,900	2,000	1,200	6,900	---	17,000	---	---	---	---	---	---	---	170.91	11.40	---	159.51	---	0.8	-95
MW-2	7/18/2002	87,000	2,000	2,200	1,400	10,000	---	19,000	---	---	---	---	---	---	---	170.91	12.68	---	158.23	---	0.7	-34
MW-2	10/7/2002	110,000	3,900	6,700	2,700	15,000	---	20,000	---	---	---	---	---	---	---	170.88	11.58	---	159.30	---	1.4	-52
MW-2	1/6/2003	65,000	2,400	3,500	1,400	8,600	---	26,000	---	---	---	---	---	---	---	170.88	9.09	---	161.79	---	0.4	40

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE 8020 µg/L	MTBE 8260 µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	EDB µg/L	1,2-DCA µg/L	Ethanol µg/L	TOC (ft MSL)	Depth to Water (ft TOC)	Depth to SPH (ft.)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (ppm)	ORP Reading (mV)
MW-2	4/7/2003	57,000	1,900	2,500	1,700	8,600	---	37,000	'---	'---	'---	34,000	---	---	'---	170.88	11.08	---	159.80	---	1.0	60
MW-2	7/7/2003	34,000	4,000	4,200	1,600	8,500	---	51,000	'---	'---	'---	44,000	---	---	'---	170.88	11.27	---	159.61	---	1.3	-17
MW-2	10/9/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.64	11.61	159.26	0.03	---	---
MW-2	10/20/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.88	11.84	159.03	0.04	---	---
MW-2	1/14/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	10.96	10.95	159.93	0.01	---	---
MW-2	4/28/2004	35,000	2,200	2,200	2,300	8,200	---	26,000	---	---	---	28,000	---	---	---	170.88	11.05	---	159.83	---	0.1	-96
MW-2	7/12/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	12.12	12.09	158.78	0.03	---	---
MW-2	10/25/2004	60,000	2,900	2,300	2,300	7,600	---	27,000	---	---	---	26,000	---	---	---	170.88	11.23	---	159.65	---	1.62	-69
MW-2	1/17/2005	62,000	1,900	1,800	1,800	5,700	---	22,000	---	---	---	21,000	---	---	---	170.88	8.78	---	162.10	---	0.8	-102
MW-2	4/6/2005	40,000	1,500	940	1,600	2,900	---	23,000	---	---	---	23,000	---	---	---	170.88	9.23	---	161.65	---	0.60	-104
MW-2	7/8/2005	50,000	2,300	1,500	1,700	6,600	---	24,000	<150	<150	<150	25,000	---	---	<1,500	170.88	10.99	10.97	159.91	0.02	0.01	-41
MW-2	10/7/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	12.15	12.13	158.75	0.02	---	---
MW-2	1/27/2006	56,800	1,270	1,280	1,520	5,370	---	8,210	---	---	---	10,600	---	---	---	170.88	9.55	---	161.33	---	---	---
MW-2	3/16/2006	82,100	1,230	1,310	1,350	4,630	---	9,020	---	---	---	9,690	---	---	---	170.88	8.10	---	162.78	---	---	---
MW-2	4/28/2006	81,400	1,200	1,610	1,660	5,580	---	10,800	---	---	---	11,100	---	---	---	170.88	9.25	---	161.63	---	---	---
MW-2	5/15/2006	119,000	2,210	3,800	2,330	8,900	---	15,600	---	---	---	12,200	---	---	---	170.88	10.28	---	160.60	---	---	---
MW-2	6/19/2006	121,000	1,680	3,830	2,990	12,400	---	10,700	---	---	---	9,310	---	---	---	170.88	10.90	---	159.98	---	---	---
MW-2	7/28/2006	172,000	3,590	3,450	2,840	8,210	---	22,800	<0.500	<0.500	<0.500	11,300	---	---	<50.0	170.88	11.84	---	159.04	---	---	---
MW-2	8/31/2006	91,200	1,590	3,710	2,570	11,700	---	3,520	---	---	---	3,940	---	---	---	170.88	18.03	---	152.85	---	---	---
MW-2	9/26/2006	50,000	2,300	1,300	1,600	6,700	---	17,000	---	---	---	19,000	---	---	---	170.88	10.23	---	160.65	---	---	---
MW-2	10/27/2006	159,000	5,200	3,890	2,600	12,500	---	18,100	---	---	---	9,230 d	---	---	---	170.88	12.11	---	158.77	---	---	---
MW-2	11/22/2006	53,000	1,500	960	1,800	7,100	---	9,600	---	---	---	12,000	---	---	---	170.88	11.35	---	159.53	---	---	---
MW-2	12/26/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	1/10/2007	45,000	2,700	1,700	1,400	5,800	---	13,000	---	---	---	11,000	---	---	---	170.88	10.21	---	160.67	---	---	---
MW-2	2/19/2007	13,000	1,800	1,900	1,500	5,900	---	7,400	---	---	---	11,000	---	---	---	170.88	9.22	---	161.66	---	---	---
MW-2	3/16/2007	52,000	2,600	2,300	2,000	7,300	---	9,100	---	---	---	12,000	---	---	---	170.88	9.88	---	161.00	---	---	---
MW-2	4/13/2007	60,000 g	2,200	2,100	2,300	7,900	---	13,000	---	---	---	20,000	---	---	---	170.88	10.61	10.59	160.29	0.02	---	---
MW-2	7/9/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.77	11.66	159.20	0.11	---	---
MW-2	10/8/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	12.70	12.51	158.33	0.19	---	---
MW-2	11/19/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	8.00	---	162.88	---	---	---
MW-2	12/10/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	6.49	---	164.39	---	---	---
MW-2	1/9/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	1/22/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	2/21/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	8.86	---	162.02	---	---	---
MW-2	3/20/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	10.24	10.22	160.66	0.02	---	---
MW-2	4/4/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	5/27/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	12.44	12.41	158.46	0.03	---	---
MW-2	6/11/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.10	11.01	159.85	0.09	---	---
MW-2	7/3/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.62	11.76	159.37	0.14	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-2	8/4/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.88	11.82	159.05	0.06	---	---
MW-2	9/17/1998	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	10/3/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	12.66	12.40	158.43	0.26	---	---
MW-2	11/26/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	12/30/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	1/22/2009	86,000	3,800	1,600	2,500	9,800	---	10,000	---	---	---	7,900	---	---	---	170.88	10.74	---	160.14	---	---	---
MW-2	2/27/2009	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	4/13/2009	60,000	1,700	980	2,000	7,000	---	4,300	---	---	---	4,600	---	---	---	170.88	10.36	10.35	160.53	0.01	---	---
MW-2	7/23/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.91	11.71	159.13	0.20	---	---
MW-2	11/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	10.87	11.71	160.04	0.04	---	---
MW-2	2/1/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	2/9/2010	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.88	---	---	---	---	---	---
MW-2	8/2/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.88	11.38	11.34	159.53	0.04	---	---
MW-2	**1/31/2011**	**77,000**	**1,700**	**1,500**	**2,600**	**9,000**	**---**	**2,100**	**---**	**---**	**---**	**2,700**	**<25**	**<25**	**---**	**170.88**	**9.09**	**---**	**161.79**	**---**	**---**	**---**
MW-3	11/17/1993	18,000	5,400	660	720	2,200	---	---	---	---	---	---	---	---	---	174.61	15.40	---	159.21	---	---	---
MW-3	1/20/1994	55,000	13,000	2,600	2,200	6,500	---	---	---	---	---	---	---	---	---	174.61	14.61	---	160.00	---	---	---
MW-3	4/25/1994	96,000	11,000	1,600	3,100	9,900	---	---	---	---	---	---	---	---	---	174.61	13.12	---	161.49	---	---	---
MW-3 (D)	4/25/1994	78,000	12,000	1,900	2,600	7,300	---	---	---	---	---	---	---	---	---	174.61	13.12	---	161.49	---	---	---
MW-3	7/7/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	14.54	---	160.07	0.02	---	---
MW-3	10/27/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	15.62	---	159.03	0.05	---	---
MW-3	11/17/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	13.83	---	160.78	---	---	---
MW-3	11/28/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	14.02	---	160.59	---	---	---
MW-3	1/13/1995	180,000	3,200	2,700	1,700	5,200	---	---	---	---	---	---	---	---	---	174.61	12.13	---	162.48	---	---	---
MW-3 (D)	1/13/1995	23,000	4,000	690	960	3,000	---	---	---	---	---	---	---	---	---	174.61	12.13	---	162.48	---	---	---
MW-3	4/12/1995	56,000	8,700	1,500	2,100	6,300	---	---	---	---	---	---	---	---	---	174.61	12.96	---	161.65	---	---	---
MW-3	7/25/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	14.28	---	160.38	0.06	---	---
MW-3	10/18/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	15.88	---	158.77	0.05	---	---
MW-3	1/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	13.86	---	160.94	0.24	---	---
MW-3	4/25/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	13.82	---	160.81	0.02	---	---
MW-3	7/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	16.11	---	158.52	0.03	---	---
MW-3	10/1/1996	46,000	7,300	530	1,700	3,900	3,200	---	---	---	---	---	---	---	---	174.61	16.56	---	158.05	---	---	---
MW-3 (D)	10/1/1996	47,000	7,100	530	1,700	4,000	2,900	---	---	---	---	---	---	---	---	174.61	16.56	---	158.05	---	---	---
MW-3	1/22/1997	82,000	5,200	1,300	2,800	8,900	1,100	---	---	---	---	---	---	---	---	174.61	13.07	---	161.54	---	---	---
MW-3 (D)	1/22/1997	61,000	8,400	1,100	2,300	7,000	2,700	---	---	---	---	---	---	---	---	174.61	13.07	---	161.54	---	---	---
MW-3	4/8/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.61	17.09	---	157.54	0.03	---	---
MW-3	7/8/1997	56,000	8,800	580	2,000	4,900	2,800	---	---	---	---	---	---	---	---	174.61	15.85	---	158.76	---	---	---
MW-3	10/8/1997	48,000	8,000	590	1,700	3,400	5,100	---	---	---	---	---	---	---	---	174.61	16.22	---	158.39	---	---	---
MW-3	1/8/1998	47,000	9,400	810	2,300	4,700	6,300	---	---	---	---	---	---	---	---	174.61	13.80	---	160.81	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-3 (D)	1/8/1998	48,000	8,100	750	2,000	4,100	5,800	---	---	---	---	---	---	---	---	174.61	13.80	---	160.81	---	---	---
MW-3	4/13/1998	32,000	6,800	540	1,400	3,400	4,000	---	---	---	---	---	---	---	---	174.61	12.97	---	161.64	---	---	---
MW-3 (D)	4/13/1998	36,000	7,300	660	1,600	3,700	4,000	---	---	---	---	---	---	---	---	174.61	12.97	---	161.64	---	---	---
MW-3	7/17/1998	71,000	11,000	590	2,200	6,900	3,900	---	---	---	---	---	---	---	---	174.61	11.51	---	163.10	---	---	---
MW-3 (D)	7/17/1998	76,000	12,000	700	2,600	8,000	3,000	---	---	---	---	---	---	---	---	174.61	11.51	---	163.10	---	---	---
MW-3	10/2/1998	66,000	8,900	510	2,000	4,900	4,600	---	---	---	---	---	---	---	---	174.61	16.50	---	158.11	---	---	---
MW-3 (D)	10/2/1998	59,000	9,400	460	2,000	4,900	4,700	---	---	---	---	---	---	---	---	174.61	16.50	---	158.11	---	---	---
MW-3	2/3/1999	36,000	6,800	300	1,600	2,900	18,000	---	---	---	---	---	---	---	---	174.61	15.21	---	159.40	---	1.3	---
MW-3	4/29/1999	45,000	8,100	580	2,200	5,800	4,700	5,150	---	---	---	---	---	---	---	174.61	15.43	---	159.18	---	1.5	-68
MW-3	7/23/1999	29,400	3,540	215	810	3,800	4,720	6,950*	---	---	---	---	---	---	---	174.61	14.95	---	159.66	---	1.3	---
MW-3	11/1/1999	20,000	4,190	294	1,060	1,740	5,540	8,590	---	---	---	---	---	---	---	174.61	14.66	---	159.95	---	0.6	-110
MW-3	1/17/2000	17,000	3,900	89	1,100	1,200	7,900	---	---	---	---	---	---	---	---	174.61	13.94	---	160.67	---	1.3	-40
MW-3	4/17/2000	28,100	5,240	247	1,540	2,750	16,600	---	---	---	---	---	---	---	---	174.61	14.00	---	160.61	---	1.1	-86
MW-3	7/26/2000	24,300	6,680	159	1,610	1,640	17,100	---	---	---	---	---	---	---	---	174.61	13.72	---	160.89	---	0.9	-70
MW-3	10/12/2000	14,300	2,630	86.7	241	1,360	16,300	---	---	---	---	---	---	---	---	174.61	14.15	---	160.46	---	0.9	50
MW-3	1/15/2001	22,100	4,400	266	977	2,990	13,200	---	---	---	---	---	---	---	---	174.61	13.05	---	161.56	---	1.3	-40
MW-3	4/9/2001	33,800	7,100	147	1,700	2,660	13,000	---	---	---	---	---	---	---	---	174.61	13.59	---	161.02	---	0.6	-56
MW-3	7/24/2001	220,000	5,600	1,900	4,400	19,000	---	12,000	---	---	---	---	---	---	---	174.61	14.43	---	160.18	---	0.4	29
MW-3	10/31/2001	65,000	2,700	510	1,800	7,200	---	9,800	<20	<20	<20	5,200	---	---	<500	174.61	14.59	---	160.02	---	0.9	-27
MW-3	1/10/2002	66,000	2,400	490	1,700	6,600	---	5,500	---	---	---	---	---	---	---	174.61	12.65	---	161.96	---	1.7	-76
MW-3	4/25/2002	55,000	4,600	460	2,400	6,900	---	8,100	---	---	---	---	---	---	---	174.61	14.13	---	160.48	---	1.2	-96
MW-3	7/18/2002	56,000	3,300	270	1,700	5,000	---	8,400	---	---	---	---	---	---	---	174.61	15.48	15.45	159.15	0.03	0.8	-41
MW-3	10/7/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.60	14.40	160.15	0.20	---	---
MW-3	1/6/2003	57,000	3,200	330	1,800	5,400	---	5,100	---	---	---	---	---	---	---	174.59	11.62	11.60	162.99	0.02	0.4	33
MW-3	4/7/2003	57,000	6,200	500	2,400	6,700	---	8,200	'---	'---	'---	3,900	---	---	'---	174.59	13.80	---	160.79	---	0.5	61
MW-3	7/7/2003	28,000	4,900	300	1,500	4,100	---	7,900	'---	'---	'---	4,700	---	---	'---	174.59	14.00	---	160.59	---	1.0	-11
MW-3	10/9/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.44	14.36	160.21	0.08	---	---
MW-3	10/20/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.68	14.61	159.97	0.07	---	---
MW-3	1/14/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	12.47	12.45	162.14	0.02	---	---
MW-3	4/28/2004	32,000	7,300	190	2,100	4,300	---	3,700	---	---	---	2,500	---	---	---	174.59	13.66	---	160.93	---	0.1	-16
MW-3	7/12/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.87	14.83	159.75	0.04	---	---
MW-3	10/25/2004	49,000	5,100	61	1,800	3,600	---	5,400	---	---	---	2,700	---	---	---	174.59	14.12	---	160.47	---	2.70	-59
MW-3	1/17/2005	57,000	8,000	190	2,000	4,000	---	4,600	---	---	---	3,300	---	---	---	174.59	10.59	---	164.00	---	0.2	-18
MW-3	4/6/2005	57,000	7,300	180	2,200	3,300	---	4,100	---	---	---	2,700	---	---	---	174.59	10.58	---	164.01	---	0.95	-77
MW-3	7/8/2005	28,000	2,900	47	1,100	2,000	---	2,800	<20	<20	<20	1,900	---	---	<200	174.59	13.46	---	161.13	---	0.1	-51
MW-3	10/7/2005	23,000	3,200	39	960	1,300	---	2,600	---	---	---	1,900	---	---	---	174.59	14.76	---	159.83	---	---	---
MW-3	1/27/2006	38,500	6,520	139	1,350	2,160	---	1,940	---	---	---	1,490	---	---	---	174.59	11.69	---	162.90	---	---	---
MW-3	3/16/2006	65,100	5,280	181	1,580	2,520	---	2,410	---	---	---	12,300	---	---	---	174.59	10.08	---	164.51	---	---	---
MW-3	4/28/2006	<1000	4,330	157	1,480	2,690	---	2,470	---	---	---	1,520	---	---	---	174.59	3.31	---	171.28	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-3	5/15/2006	69,600	6,100	159	1,690	2,640	---	3,520	---	---	---	1,720	---	---	---	174.59	12.69	---	161.90	---	---	---
MW-3	6/19/2006	103,000	5,070	117	2,210	3,950	---	2,790	---	---	---	1,080	---	---	---	174.59	13.28	---	161.31	---	---	---
MW-3	7/28/2006	86,600	4,890	85.7	1,570	2,250	---	2,790	7.28	<0.500	<0.500	1,260	---	---	<50.0	174.59	14.72	---	159.87	---	---	---
MW-3	8/31/2006	45,700	4,600	204	1,740	2,680	---	2,580	---	---	---	1,520	---	---	---	174.59	14.75	---	159.84	---	---	---
MW-3	9/26/2006	29,000	3,900	76	1,500	2,100	---	2,700	---	---	---	1,500	---	---	---	174.59	14.97	---	159.62	---	---	---
MW-3	10/27/2006	41,000	3,690	65.2	1,210	1,650	---	1,760	---	---	---	867 d	---	---	---	174.59	15.00	---	159.59	---	---	---
MW-3	11/22/2006	30,000	3,300	51	810	1,500	---	1,900	---	---	---	1,300	---	---	---	174.59	14.26	---	160.33	---	---	---
MW-3	12/26/2006	31,000	2,500	56	1,100	1,500	---	2,200	---	---	---	2,000	---	---	---	174.59	12.52	---	162.07	---	---	---
MW-3	1/10/2007	18,000	2,600	43	750	940	---	2,100	---	---	---	2,100	---	---	---	174.59	12.81	---	161.78	---	---	---
MW-3	2/19/2007	27,000	3,800	110	1,200	1,500	---	2,400	---	---	---	3,200	---	---	---	174.59	11.65	---	162.94	---	---	---
MW-3	3/16/2007	25,000	4,000	80	1,300	1,500	---	2,100	---	---	---	2,400	---	---	---	174.59	12.20	---	162.39	---	---	---
MW-3	4/13/2007	30,000 g	4,400	73	1,500	1,920	---	2,800	---	---	---	3,900	---	---	---	174.59	13.37	---	161.22	---	---	---
MW-3	7/9/2007	25,000 g	3,800	57	1,400	1,456	---	1,900	<100	<100	<100	1,500	---	---	<5,000	174.59	14.30	---	160.29	---	---	---
MW-3	10/8/2007	20,000 g	3,200	35 i	1,300	1,124 i	---	1,700	---	---	---	1,500	---	---	---	174.59	15.19	15.18	159.41	0.01	---	---
MW-3	11/19/2007	Unable to access			---	---	---	---	---	---	---	---	---	---	---	174.59	---	---	---	---	---	---
MW-3	11/30/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.07	---	160.52	---	---	---
MW-3	12/10/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	13.78	---	160.81	---	---	---
MW-3	1/9/2008	33,000 g	2,800	34	910	782 i	---	1,000	---	---	---	1,100	---	---	---	174.59	11.09	---	163.50	---	---	---
MW-3	2/21/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	12.22	---	162.37	---	---	---
MW-3	3/20/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	13.03	---	161.56	---	---	---
MW-3	4/4/2008	24,000	3,300	55	1,100	844	---	1,900	---	---	---	1,200	---	---	---	174.59	13.41	---	161.18	---	---	---
MW-3	5/27/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	20.49	20.48	154.11	0.01	---	---
MW-3	6/11/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	13.95	13.94	160.65	0.01	---	---
MW-3	7/3/2008	33,000	3,800	38	1,500	1,200	---	2,600	<50	<50	<50	1,800	---	---	<2,500	174.59	10.48	10.47	164.12	0.01	---	---
MW-3	9/17/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.76	---	159.83	0.00	---	---
MW-3	9/17/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.95	14.94	159.65	0.01	---	---
MW-3	10/3/2008	26,000	3,000	29	1,200	750	---	1,700	---	---	---	1,400	---	---	---	174.59	15.32	15.31	159.28	0.01	---	---
MW-3	11/26/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	14.54	---	160.05	0.00	---	---
MW-3	12/30/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	13.04	---	161.55	---	---	---
MW-3	1/22/2009	27,000	2,300	29	880	610	---	1,600	---	---	---	1,700	---	---	---	174.59	13.73	---	160.86	---	---	---
MW-3	2/27/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	12.88	---	161.71	---	---	---
MW-3	4/13/2009	27,000	3,000	51	1,200	740	---	1,400	---	---	---	1,500	---	---	---	174.59	13.01	---	161.58	---	---	---
MW-3	7/23/2009	26,000	3,300	41	1,600	1,200	---	2,200	<50	<50	<50	1,600	---	---	<2500	174.59	14.59	---	160.00	---	---	---
MW-3	11/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.59	13.66	---	160.93	---	---	---
MW-3	2/1/2010	34,000	3,200	44	1,300	1,700	---	1,000	---	---	---	1,100	---	---	---	174.59	10.65	---	163.94	---	---	---
MW-3	8/2/2010	16,000	1,500	12	440	460	---	910	---	---	---	1,200	---	---	---	174.59	14.09	---	160.50	---	---	---
MW-3	**1/31/2011**	**21,000**	**2,200**	**32**	**980**	**980**	**---**	**1,300**	**---**	**---**	**---**	**1,700**	**<20**	**<20**	**---**	**174.59**	**11.89**	**---**	**162.70**	**---**	**---**	**---**
MW-4	11/17/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	164.06	6.62	---	157.44	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-4	11/28/1994	2,900	200	17	76	260	---	---	---	---	---	---	---	---	---	164.06	6.11	---	157.95	---	---	---
MW-4	1/13/1995	1,900	130	5.6	13	40	---	---	---	---	---	---	---	---	---	164.06	6.05	---	158.01	---	---	---
MW-4	4/12/1995	680	150	<2.0	10	13	---	---	---	---	---	---	---	---	---	164.06	6.31	---	157.75	---	---	---
MW-4	7/25/1995	340	100	0.8	8.8	3	---	---	---	---	---	---	---	---	---	164.06	7.36	---	156.70	---	---	---
MW-4	10/18/1995	150	31	<0.5	3.5	0.8	---	---	---	---	---	---	---	---	---	164.06	8.54	---	155.52	---	---	---
MW-4	1/17/1996	290	14	<0.5	1.8	0.8	---	---	---	---	---	---	---	---	---	164.06	8.48	---	155.58	---	---	---
MW-4	4/25/1996	<500	65	<5	<5	<5	1,700	---	---	---	---	---	---	---	---	164.06	7.40	---	156.66	---	---	---
MW-4 (D)	4/25/1996	<500	66	<5	8.7	<5	1,500	---	---	---	---	---	---	---	---	164.06	7.40	---	156.66	---	---	---
MW-4	7/17/1996	<500	84	<5.0	6.5	<5.0	1,500	---	---	---	---	---	---	---	---	164.06	7.75	---	156.31	---	---	---
MW-4 (D)	7/17/1996	<500	54	<5.0	<5.0	<5.0	1,700	2,100	---	---	---	---	---	---	---	164.06	7.75	---	156.31	---	---	---
MW-4	10/1/1996	<500	1.9	<5.0	<5.0	<5.0	3,000	---	---	---	---	---	---	---	---	164.06	8.82	---	155.24	---	---	---
MW-4	1/22/1997	580	130	<2.5	18	5.2	1,200	---	---	---	---	---	---	---	---	164.06	7.51	---	156.55	---	---	---
MW-4	4/8/1997	770	200	7	26	55	1,500	8	---	---	---	---	---	---	---	164.06	7.18	---	156.88	---	---	---
MW-4	7/8/1997	570	78	<5.0	14	11	1,200	---	---	---	---	---	---	---	---	164.06	9.00	---	155.06	---	---	---
MW-4 (D)	7/8/1997	640	81	<5.0	16	19	1,600	---	---	---	---	---	---	---	---	164.06	9.00	---	155.06	---	---	---
MW-4	10/8/1997	<500	40	<5.0	7.4	5.4	1,400	---	---	---	---	---	---	---	---	164.06	8.97	---	155.09	---	---	---
MW-4 (D)	10/8/1997	<500	36	<5.0	5.9	<5.0	1,400	---	---	---	---	---	---	---	---	164.06	8.97	---	155.09	---	---	---
MW-4	1/8/1998	<1,000	55	<10	13	<10	2,000	---	---	---	---	---	---	---	---	164.06	7.90	---	156.16	---	---	---
MW-4	4/13/1998	350	110	2.4	20	26	<2.5	---	---	---	---	---	---	---	---	164.06	7.35	---	156.71	---	---	---
MW-4	7/17/1998	210	66	0.78	5.4	9.8	1,700	---	---	---	---	---	---	---	---	164.06	6.95	---	157.11	---	---	---
MW-4	10/2/1998	<50	0.69	<0.50	<0.50	<0.50	2,900	---	---	---	---	---	---	---	---	164.06	7.35	---	156.71	---	---	---
MW-4	2/3/1999	560	120	2.5	29	34	6,800	---	---	---	---	---	---	---	---	164.06	7.71	---	156.35	---	0.9	---
MW-4	4/29/1999	390	80	1.9	13	19	7,000	8,360	---	---	---	---	---	---	---	164.06	7.83	---	156.23	---	1.1	-125
MW-4	7/23/1999	460	93.6	8.40	25.2	28.8	3,760	6,000*	---	---	---	---	---	---	---	164.06	11.33	---	152.73	---	0.9	---
MW-4	11/1/1999	77.3	0.520	<0.500	<0.500	<0.500	539	---	---	---	---	---	---	---	---	164.06	10.66	---	153.40	---	2.8	3
MW-4	1/17/2000	160	27	<0.50	12	6.3	12,000	---	---	---	---	---	---	---	---	164.06	10.15	---	153.91	---	3.9	-17
MW-4	4/17/2000	<500	26	6.38	9.35	10.4	9,070	---	---	---	---	---	---	---	---	164.06	10.10	---	153.96	---	1.7	-129
MW-4	7/26/2000	<500	22.7	<5.00	7.59	6.96	7,660	---	---	---	---	---	---	---	---	164.06	10.09	---	153.97	---	1.4	-137
MW-4	10/12/2000	172	19.8	<0.500	7.47	4.50	8,290	---	---	---	---	---	---	---	---	164.06	9.35	---	154.71	---	3.5	529
MW-4	1/15/2001	53.6	1.50	<0.500	2.45	1.80	9,260	---	---	---	---	---	---	---	---	164.06	8.77	---	155.29	---	2.3	53
MW-4	4/9/2001	<500	<5.00	<5.00	<5.00	5.52	10,300	---	---	---	---	---	---	---	---	164.06	7.75	---	156.31	---	1.0	-133
MW-4	7/24/2001	58	3.8	<0.50	3.2	2.9	---	1,700	---	---	---	---	---	---	---	164.06	10.07	---	153.99	---	0.5	106
MW-4	10/31/2001	<1,000	<10	<10	<10	<10	---	7,400	---	---	---	---	---	---	---	164.06	9.97	---	154.09	---	0.8	22
MW-4	1/10/2002	<2,000	<20	<20	<20	<20	---	12,000	---	---	---	---	---	---	---	164.06	8.53	---	155.53	---	8.9	224
MW-4	4/25/2002	<2,000	<20	<20	<20	<20	---	7,900	---	---	---	---	---	---	---	164.06	7.33	---	156.73	---	3.6	-84
MW-4	7/18/2002	<2,000	<20	<20	<20	<20	---	7,200	---	---	---	---	---	---	---	164.06	9.05	---	155.01	---	1.7	120
MW-4	10/7/2002	<1,000	<10	<10	<10	<10	---	3,300	---	---	---	---	---	---	---	164.03	9.06	---	154.97	---	2.5	33
MW-4	1/6/2003	<500	21	<5.0	<5.0	<5.0	---	2,500	---	---	---	---	---	---	---	164.03	7.09	---	156.94	---	0.5	55
MW-4	4/7/2003	<2,500	<25	<25	<25	<50	---	1,700	'---	'---	'---	5,900	---	---	'---	164.03	8.26	---	155.77	---	1.2	69

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-4	7/7/2003	<2,500	<25	<25	<25	<50	---	860	'---	'---	'---	6,900	---	---	'---	164.03	8.92	---	155.11	---	0.5	-3
MW-4	10/9/2003	<500	<5.0	<5.0	<5.0	<10	---	420	'---	'---	'---	6,700	---	---	'---	164.03	8.91	---	155.12	---	0.7	171
MW-4	1/14/2004	<1,000	24	<10	<10	<20	---	500	'---	'---	'---	7,200	---	---	'---	164.03	8.34	---	155.69	---	1.2	140
MW-4	4/28/2004	<500	6.0	<5.0	<5.0	<10	---	310	'---	'---	'---	5,200	---	---	'---	164.03	7.55	---	156.48	---	0.4	69
MW-4	7/12/2004	<500	11	<5.0	7.8	<10	---	370	<20	<20	<20	5,900	---	---	<500	164.03	8.12	---	155.91	---	0.5	142
MW-4	10/25/2004	<500	<5.0	<5.0	5.6	<10	---	280	---	---	---	4,300	---	---	---	164.03	7.85	---	156.18	---	1.90	-70
MW-4	1/17/2005	<1,000	56	<10	10	<20	---	380	---	---	---	8,400	---	---	---	164.03	6.08	---	157.95	---	0.4	6
MW-4	4/6/2005	<1,000	52	<10	11	<20	---	450	---	---	---	12,000	---	---	---	164.03	8.10	---	155.93	---	0.49	11
MW-4	7/8/2005	<400	30	<4.0	6.0	<4.0	---	250	<4.0	<4.0	<4.0	9,600	---	---	<40	164.03	7.50	---	156.53	---	0.6	71
MW-4	7/8/2005	<400	30	<4.0	6.0	<4.0	---	250	<4.0	<4.0	<4.0	9,600	---	---	<40	164.03	7.50	---	156.53	---	0.6	71
MW-4	10/7/2005	<1,000	<10	<10	<10	<20	---	200	---	---	---	8,900	---	---	---	164.03	8.30	---	155.73	---	---	---
MW-4	1/27/2006	1,140	34.3	2.37	8.69	12.0	---	198	---	---	---	32,100	---	---	---	164.03	8.55	---	155.48	---	---	---
MW-4	4/28/2006	1,490	46.8	2.80	21.2	24.8	---	344	---	---	---	14,800	---	---	---	164.03	9.02	---	155.01	---	---	---
MW-4	7/28/2006	951	5.09	<0.500	<0.500	<0.500	---	169	1.57	<0.500	<0.500	4,830	---	---	<50.0	164.03	9.19	---	154.84	---	---	---
MW-4	10/27/2006	1,620	21.5	2.65	13.2	10.3	---	173	---	---	---	5,150	---	---	---	164.03	9.01	---	155.02	---	---	---
MW-4	1/10/2007	740	56	2.4	23	24	---	190	---	---	---	7,500 f	---	---	---	164.03	6.95	---	157.08	---	---	---
MW-4	4/13/2007	1,500 g	130	20	100	138	---	120	---	---	---	6,300	---	---	---	164.03	7.51	---	156.52	---	---	---
MW-4	7/9/2007	650 g	65	5.3 i	36	33.2 i	---	130	<20	<20	<20	6,000	---	---	<1,000	164.03	7.85	---	156.18	---	---	---
MW-4	10/8/2007	840 g	100	23	70	120	---	120	---	---	---	5,300	---	---	---	164.03	8.50	---	155.53	---	---	---
MW-4	1/9/2008	2,200 g	130	38	130	264	---	160	---	---	---	5,400	---	---	---	164.03	8.33	---	155.70	---	---	---
MW-4	4/4/2008	1,700	93	24	74	145	---	110	---	---	---	3,700	---	---	---	164.03	6.63	---	157.40	---	---	---
MW-4	7/3/2008	1,400	87	15	54	109	---	88	<20	<20	<20	3,900	---	---	<1,000	164.03	8.25	---	155.78	---	---	---
MW-4	10/3/2008	1,000	61	12	41	78	---	84	---	---	---	3,700	---	---	---	164.03	8.54	---	155.49	---	---	---
MW-4	1/22/2009	800	26	5.4	14	26	---	81	---	---	---	4,100	---	---	---	164.03	7.40	---	156.63	---	---	---
MW-4	4/13/2009	2,000	100	26	64	130	---	69	---	---	---	3,200	---	---	---	164.03	6.91	---	157.12	---	---	---
MW-4	7/23/2009	1,500	180	54	86	200	---	85	<10	<10	<10	2,500	---	---	<500	164.03	7.97	---	156.06	---	---	---
MW-4	2/1/2010	1,400	120	44	57	120	---	81	---	---	---	2,900	---	---	---	164.03	6.05	---	157.98	---	---	---
MW-4	8/2/2010	340,000	5,300	5,800	7,700	26,000	---	62	---	---	---	1,800	---	---	---	164.03	6.48	---	157.55	---	---	---
MW-4	**1/31/2011**	**9,700**	**47**	**62**	**340**	**1,100**	**---**	**77**	**---**	**---**	**---**	**1,300**	**<5.0**	**<5.0**	**---**	**164.03**	**6.67**	**---**	**157.36**	**---**	**---**	**---**
MW-5	1/4/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.62	---	---	---	---	---
MW-5	1/10/2002	<50	<0.50	<0.50	<0.50	<0.50	---	110	---	---	---	---	---	---	---	164.06	5.88	---	158.18	---	3.3	172
MW-5	4/25/2002	<50	<0.50	<0.50	<0.50	<0.50	---	73	---	---	---	---	---	---	---	164.06	6.81	---	157.25	---	0.3	-44
MW-5	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	75	---	---	---	---	---	---	---	164.06	7.38	---	156.68	---	0.4	170
MW-5	10/7/2002	<50	<0.50	<0.50	<0.50	<0.50	---	41	---	---	---	---	---	---	---	164.14	6.75	---	157.39	---	1.5	16
MW-5	1/6/2003	<50	<0.50	<0.50	<0.50	<0.50	---	81	---	---	---	---	---	---	---	164.14	5.96	---	158.18	---	0.6	166
MW-5	4/7/2003	<50	<0.50	<0.50	<0.50	<1.0	---	77	'---	'---	'---	28	---	---	'---	164.14	6.51	---	157.63	---	0.8	174
MW-5	7/7/2003	<50	<0.50	<0.50	<0.50	<1.0	---	32	'---	'---	'---	23	---	---	'---	164.14	6.44	---	157.70	---	0.3	-17
MW-5	10/9/2003	<50	<0.50	<0.50	<0.50	<1.0	---	59	'---	'---	'---	40	---	---	'---	164.14	7.05	---	157.09	---	0.9	17

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-5	1/14/2004	<50	<0.50	0.76	<0.50	<1.0	---	47	'---	'---	'---	17	---	---	'---	164.14	6.29	---	157.85	---	1.6	209
MW-5	4/28/2004	<50	<0.50	<0.50	<0.50	<1.0	---	31	'---	'---	'---	11	---	---	'---	164.14	6.84	---	157.30	---	0.4	136
MW-5	7/12/2004	<50	<0.50	<0.50	<0.50	<1.0	---	47	<2.0	<2.0	<2.0	12	---	---	<50	164.14	7.57	---	156.57	---	0.4	90
MW-5	10/25/2004	<50	<0.50	<0.50	<0.50	<1.0	---	41	---	---	---	13	---	---	---	164.14	6.50	---	157.64	---	1.74	-21
MW-5	1/17/2005	<50	<0.50	<0.50	<0.50	<1.0	---	41	---	---	---	12	---	---	---	164.14	5.83	---	158.31	---	0.1	-7
MW-5	4/6/2005	<50	<0.50	<0.50	<0.50	<1.0	---	12	---	---	---	<5.0	---	---	---	164.14	5.91	---	158.23	---	1.05	-62
MW-5	7/8/2005	<50	<0.50	<0.50	<0.50	<0.50	---	26	<0.50	<0.50	<0.50	18	---	---	<5.0	164.14	6.78	---	157.36	---	1.2	81
MW-5	10/7/2005	<50	<0.50	<0.50	<0.50	<1.0	---	28	---	---	---	24	---	---	---	164.14	7.64	---	156.50	---	---	---
MW-5	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	26.7	---	---	---	46.3	---	---	---	164.14	6.21	---	157.93	---	---	---
MW-5	4/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	39.1	---	---	---	15.0	---	---	---	164.14	6.05	---	158.09	---	---	---
MW-5	7/28/2006	103	<0.500	<0.500	<0.500	<0.500	---	35.5	<0.500	<0.500	<0.500	<10.0	---	---	<50.0	164.14	7.54	---	156.60	---	---	---
MW-5	10/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	19.7	---	---	---	26.0 d	---	---	---	164.14	7.91	---	156.23	---	---	---
MW-5	1/10/2007	<50	<0.50	<0.50	<0.50	<1.0	---	11	---	---	---	16	---	---	---	164.14	6.38	---	157.76	---	---	---
MW-5	4/13/2007	76 g,h	<0.50	<1.0	<1.0	<1.0	---	35	---	---	---	37	---	---	---	164.14	6.58	---	157.56	---	---	---
MW-5	7/9/2007	<50 g	<0.50	<1.0	<1.0	<1.0	---	26	<2.0	<2.0	<2.0	34	---	---	<100	164.14	7.28	---	156.86	---	---	---
MW-5	10/8/2007	<50 g	<0.50	<1.0	<1.0	<1.0	---	25	---	---	---	28	---	---	---	164.14	8.01	---	156.13	---	---	---
MW-5	1/9/2008	<50 g	0.15 i	<1.0	<1.0	<1.0	---	11	---	---	---	7.6 i	---	---	---	164.14	5.45	---	158.69	---	---	---
MW-5	4/4/2008	50	<0.50	<1.0	<1.0	<1.0	---	17	---	---	---	<10	---	---	---	164.14	6.61	---	157.53	---	---	---
MW-5	7/3/2008	<50	<0.50	<1.0	<1.0	<1.0	---	16	<2.0	<2.0	<2.0	11	---	---	<100	164.14	7.40	---	156.74	---	---	---
MW-5	10/3/2008	<50	<0.50	<1.0	<1.0	<1.0	---	17	---	---	---	14	---	---	---	164.14	7.90	---	156.24	---	---	---
MW-5	1/22/2009	<50	<0.50	<1.0	<1.0	<1.0	---	9.2	---	---	---	<10	---	---	---	164.14	6.30	---	157.84	---	---	---
MW-5	4/13/2009	<50	<0.50	<1.0	<1.0	<1.0	---	8.4	---	---	---	<10	---	---	---	164.14	6.42	---	157.72	---	---	---
MW-5	7/23/2009	<50	<0.50	<1.0	<1.0	<1.0	---	15	<2.0	<2.0	<2.0	<10	---	---	<100	164.14	7.60	---	156.54	---	---	---
MW-5	2/1/2010	<50	<0.50	<1.0	<1.0	<1.0	---	9.0	---	---	---	<10	---	---	---	164.14	5.80	---	158.34	---	---	---
MW-5	8/2/2010	<50	<0.50	<1.0	<1.0	<1.0	---	7.5	---	---	---	<10	---	---	---	164.14	7.00	---	157.14	---	---	---
MW-5	**1/31/2011**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**7.5**	**---**	**---**	**---**	**<10**	**<0.50**	**<0.50**	**---**	**164.14**	**5.79**	**---**	**158.35**	**---**	**---**	**---**
MW-6	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	169.89	10.25	---	159.64	---	---	---
MW-6	7/28/2006	19,200	1,290	41.7	141	245	---	777	3.37	<0.500	<0.500	8,340	---	---	<50.0	169.89	11.00	---	158.89	---	---	---
MW-6	10/27/2006	11,400	1,250	41.0	155	242	---	569	---	---	---	7,270	---	---	---	169.89	11.41	---	158.48	---	---	---
MW-6	1/10/2007	7,000	1,000	26	270	240	---	770	---	---	---	17,000	---	---	---	169.89	9.43	---	160.46	---	---	---
MW-6	4/13/2007	4,200 g	820	22	72	71	---	490	---	---	---	9,500	---	---	---	169.89	9.81	---	160.08	---	---	---
MW-6	7/9/2007	6,100 g	960	23	65	116	---	280	<40	<40	<40	8,400	---	---	<2,000	169.89	10.80	---	159.09	---	---	---
MW-6	10/8/2007	3,600 g	960	17 i	27	76 i	---	260	---	---	---	7,000	---	---	---	169.89	11.64	---	158.25	---	---	---
MW-6	1/9/2008	Unable to access			---	---	---	---	---	---	---	---	---	---	---	169.89	---	---	---	---	---	---
MW-6	1/22/2008	4,100 g	610	14 i	31	19 i	---	180	---	---	---	7,700	---	---	---	169.89	8.81	---	161.08	---	---	---
MW-6	4/4/2008	6,100	760	<20	20	29	---	240	---	---	---	6,900	---	---	---	169.89	10.01	---	159.88	---	---	---
MW-6	7/3/2008	7,100	1,100	<20	25	50	---	220	<40	<40	<40	9,400	---	---	<2,000	169.89	10.94	---	158.95	---	---	---
MW-6	10/3/2008	7,400	1,000	<20	<20	116	---	270	---	---	---	8,400	---	---	---	169.89	11.87	---	158.02	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-6	1/22/2009	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	169.89	---	---	---	---	---	---
MW-6	4/13/2009	5,300	690	<20	35	47	---	210	---	---	---	9,000	---	---	---	169.89	9.70	---	160.19	---	---	---
MW-6	7/23/2009	6,800	1,100	<20	<20	42	---	220	<40	<40	<40	7,400	---	---	<2000	169.89	11.09	---	158.80	---	---	---
MW-6	2/1/2010	4,000	460	<10	<10	<10	---	88	---	---	---	8,400	---	---	---	169.89	8.05	---	161.84	---	---	---
MW-6	8/2/2010	7,600	860	15	18	49	---	97	---	---	---	6,800	---	---	---	169.89	10.50	---	159.39	---	---	---
MW-6	**1/31/2011**	**2,800**	**370**	**11**	**19**	**26**	**---**	**170**	**---**	**---**	**---**	**4,800**	**<5.0**	**<5.0**	**---**	**169.89**	**8.52**	**---**	**161.37**	**---**	**---**	**---**
MW-7	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	170.87	9.59	---	161.28	---	---	---
MW-7	7/28/2006	5,860	72.0	6.67	25.4	165	---	3,940	<0.500	<0.500	2.89	1,420	---	---	<50.0	170.87	10.08	---	160.79	---	---	---
MW-7	10/27/2006	1,180	8.67	<0.500	2.48	7.52	---	1,100	---	---	---	184	---	---	---	170.87	10.13	---	160.74	---	---	---
MW-7	1/10/2007	1,000	12	<5.0	<5.0	<10	---	2,200 f	---	---	---	2,400	---	---	---	170.87	8.41	---	162.46	---	---	---
MW-7	4/13/2007	1,100 g,h	54	<20	18 i	23.5 i	---	2,500	---	---	---	3,800	---	---	---	170.87	8.25	---	162.62	---	---	---
MW-7	7/9/2007	1,100 g	41	<20	8.8 i	4.5 i	---	2,000	<40	<40	<40	1,200	---	---	<2,000	170.87	9.22	---	161.65	---	---	---
MW-7	10/8/2007	400 g	25	<20	<20	<20	---	1,500	---	---	---	740	---	---	---	170.87	9.41	---	161.46	---	---	---
MW-7	1/9/2008	Unable to access			---	---	---	---	---	---	---	---	---	---	---	170.87	---	---	---	---	---	---
MW-7	1/22/2008	160 g	32	<10	<10	<10	---	1,900	---	---	---	820	---	---	---	170.87	7.63	---	163.24	---	---	---
MW-7	4/4/2008	Unable to access		---	---	---	---	---	---	---	---	---	---	---	---	170.87	---	---	---	---	---	---
MW-7	7/3/2008	1,500	11	<10	<10	<10	---	1,700	<20	<20	<20	680	---	---	<1,000	170.87	8.96	---	161.91	---	---	---
MW-7	10/3/2008	1,000	5.6	<10	<10	<10	---	970	---	---	---	550	---	---	---	170.87	9.57	---	161.30	---	---	---
MW-7	1/22/2009	880	<5.0	<10	<10	18	---	550	---	---	---	250	---	---	---	170.87	8.60	---	162.27	---	---	---
MW-7	4/13/2009	1,400	15	<10	<10	<10	---	820	---	---	---	440	---	---	---	170.87	8.24	---	162.63	---	---	---
MW-7	7/23/2009	1,400	12	<10	<10	<10	---	1,300	<20	<20	<20	550	---	---	<1000	170.87	9.10	---	161.77	---	---	---
MW-7	2/1/2010	1,300	20	<10	<10	<10	---	1,300	---	---	---	920	---	---	---	170.87	6.81	---	164.06	---	---	---
MW-7	8/2/2010	780	10	<5.0	<5.0	<5.0	---	890	---	---	---	680	---	---	---	170.87	8.55	---	162.32	---	---	---
MW-7	**1/31/2011**	**340**	**12**	**3.2**	**6.1**	**17**	**---**	**390**	**---**	**---**	**---**	**480**	**<2.5**	**<2.5**	**---**	**170.87**	**7.58**	**---**	**163.29**	**---**	**---**	**---**
MW-8	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174.13	4.53	---	169.60	---	---	---
MW-8	7/28/2006	2,300	<0.500	<0.500	<0.500	<0.500	---	1,380	<0.500	<0.500	0.950	<10.0	---	---	<50.0	174.13	4.55	---	169.58	---	---	---
MW-8	10/27/2006	1,570	2.79 e	<0.500	<0.500	<0.500	---	1,280 e	---	---	---	<10.0	---	---	---	174.13	4.87	---	169.26	---	---	---
MW-8	1/10/2007	540	<2.5	<2.5	<2.5	<5.0	---	1,200 f	---	---	---	750	---	---	---	174.13	4.17	---	169.96	---	---	---
MW-8	4/13/2007	450 g,h	<5.0	<10	<10	<10	---	1,400	---	---	---	<100	---	---	---	174.13	4.13	---	170.00	---	---	---
MW-8	7/9/2007	590 g	<5.0	<10	<10	<10	---	1,000	<20	<20	<20	<100	---	---	<1,000	174.13	6.33	---	167.80	---	---	---
MW-8	10/8/2007	270 g,h	<5.0	<10	<10	<10	---	1,200	---	---	---	<100	---	---	---	174.13	5.63	---	168.50	---	---	---
MW-8	1/9/2008	200 g,h	<2.5	<5.0	<5.0	<5.0	---	370	---	---	---	<50	---	---	---	174.13	4.17	---	169.96	---	---	---
MW-8	4/4/2008	1,000	<5.0	<10	<10	<10	---	930	---	---	---	<100	---	---	---	174.13	4.36	---	169.77	---	---	---
MW-8	7/3/2008	960	<5.0	<10	<10	<10	---	1,000	<20	<20	<20	<100	---	---	<1,000	174.13	5.05	---	169.08	---	---	---
MW-8	10/3/2008	820	<5.0	<10	<10	<10	---	830	---	---	---	<100	---	---	---	174.13	5.54	---	168.59	---	---	---
MW-8	1/22/2009	1,000	<2.5	<5.0	<5.0	<5.0	---	740	---	---	---	<50	---	---	---	174.13	5.00	---	169.13	---	---	---
MW-8	4/13/2009	810	<2.5	<5.0	<5.0	<5.0	---	520	---	---	---	<50	---	---	---	174.13	4.51	---	169.62	---	---	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
MW-8	7/23/2009	840	<2.5	<5.0	<5.0	<5.0	---	830	<10	<10	<10	<50	---	---	<500	174.13	4.92	---	169.21	---	---	---
MW-8	2/1/2010	270	<1.0	<2.0	<2.0	<2.0	---	260	---	---	---	<20	---	---	---	174.13	3.65	---	170.48	---	---	---
MW-8	8/2/2010	430	<2.5	<5.0	<5.0	<5.0	---	480	---	---	---	<50	---	---	---	174.13	4.52	---	169.61	---	---	---
MW-8	**1/31/2011**	**<250**	**<2.5**	**<2.5**	**<2.5**	**<5.0**	**---**	**380**	**---**	**---**	**---**	**300**	**<2.5**	**<2.5**	**---**	**174.13**	**4.29**	**---**	**169.84**	**---**	**---**	**---**
MW-9	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	175.20	6.41	---	168.79	---	---	---
MW-9	7/28/2006	5,690	19.2	2.64	2.02	57.7	---	5,780	<0.500	<0.500	2.74	166	---	---	<50.0	175.20	6.69	---	168.51	---	---	---
MW-9	10/27/2006	2,710	34.2	<0.500	2.76	4.75	---	2,140	---	---	---	29.2 d	---	---	---	175.20	6.90	---	168.30	---	---	---
MW-9	1/10/2007	1,500	340	6.8	8.9	27	---	2,300 f	---	---	---	1,400	---	---	---	175.20	6.14	---	169.06	---	---	---
MW-9	4/13/2007	1,600 g,h	390	4.1 i	8.6 i	4.7 i	---	3,700	---	---	---	120	---	---	---	175.20	6.17	---	169.03	---	---	---
MW-9	7/9/2007	1,200 g	55	<25	<25	<25	---	2,500	<50	<50	<50	<250	---	---	<2,500	175.20	6.65	---	168.55	---	---	---
MW-9	10/8/2007	520 g,h	9.1 i	<25	<25	<25	---	2,500	---	---	---	<250	---	---	---	175.20	7.58	---	167.62	---	---	---
MW-9	1/9/2008	350 g,h	3.4 i	<10	<10	<10	---	650	---	---	---	<100	---	---	---	175.20	6.30	---	168.90	---	---	---
MW-9	4/4/2008	1,500	88	<10	<10	<10	---	1,200	---	---	---	<100	---	---	---	175.20	6.05	---	169.15	---	---	---
MW-9	7/3/2008	2,600	70	<10	<10	<10	---	2,800	<20	<20	<20	<100	---	---	<1,000	175.20	7.00	---	168.20	---	---	---
MW-9	10/3/2008	2,600	160	<20	<20	<20	---	2,400	---	---	---	<200	---	---	---	175.20	7.39	---	167.81	---	---	---
MW-9	1/22/2009	2,900	130	<20	<20	30	---	1,900	---	---	---	<200	---	---	---	175.20	7.00	---	168.20	---	---	---
MW-9	4/13/2009	5,200	590	24	60	89	---	1,600	---	---	---	230	---	---	---	175.20	6.47	---	168.73	---	---	---
MW-9	7/23/2009	6,300	830	30	150	130	---	3,200	<20	<20	<20	170	---	---	<1000	175.20	7.05	---	168.15	---	---	---
MW-9	2/1/2010	18,000	1,900	130	770	1,200	---	2,400	---	---	---	430	---	---	---	175.20	5.70	---	169.50	---	---	---
MW-9	8/2/2010	2,200	270	<10	99	36	---	1,200	---	---	---	280	---	---	---	175.20	6.50	---	168.70	---	---	---
MW-9	**1/31/2011**	**1,100**	**120**	**9.5**	**60**	**63**	**---**	**1,100**	**---**	**---**	**---**	**1,000**	**<5.0**	**<5.0**	**---**	**175.20**	**6.21**	**---**	**168.99**	**---**	**---**	**---**
TB-1	4/29/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.00	---	---	---	3.8	-132
TB-1	11/1/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.65	---	---	---	0.2	-165
TB-1	1/17/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.72	---	---	---	0.8	-178
TB-1	4/17/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.65	---	---	---	0.5	-152
TB-1	7/26/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.13	---	---	---	1.0	-124
TB-1	10/12/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.20	---	---	---	0.7	-73
TB-1	1/15/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.09	---	---	---	1.2	-118
TB-1	4/9/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.96	---	---	---	1.0	-72
TB-1	7/24/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.03	---	---	---	1.4	31
TB-1	10/31/2001	1,000	85	<10	<10	42	---	4,100	---	---	---	---	---	---	---	---	5.89	---	---	---	1.8	88
TB-1	1/10/2002	5,000	410	390	65	620	---	9,000	---	---	---	---	---	---	---	---	7.47	---	---	---	2.0	95
TB-1	4/25/2002	5,000	780	60	49	91	---	6,000	---	---	---	---	---	---	---	---	11.71	---	---	---	1.7	-136
TB-1	7/18/2002	Insufficient water		---	---	---	---	---	---	---	---	---	---	---	---	---	13.50	---	---	---	---	---
TB-1	10/7/2002	4,600	480	36	98	200	---	4,000	---	---	---	---	---	---	---	---	12.95	---	---	---	1.6	-48
TB-1	1/6/2003	130	30	<0.50	<0.50	0.78	---	330	---	---	---	---	---	---	---	---	5.56	---	---	---	0.4	-20

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH µg/L*	*B µg/L*	*T µg/L*	*E µg/L*	*X µg/L*	*MTBE 8020 µg/L*	*MTBE 8260 µg/L*	*DIPE µg/L*	*ETBE µg/L*	*TAME µg/L*	*TBA µg/L*	*EDB µg/L*	*1,2-DCA µg/L*	*Ethanol µg/L*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*Depth to SPH (ft.)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (ppm)*	*ORP Reading (mV)*
TB-2	4/29/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.76	---	---	---	4.2	-108
TB-2	11/1/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.33	---	---	---	0.5	-148
TB-2	1/17/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.79	---	---	---	0.7	-162
TB-2	4/17/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.75	---	---	---	0.9	-121
TB-2	7/26/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.73	---	---	---	0.9	-85
TB-2	10/12/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.05	---	---	---	0.6	-47
TB-2	1/15/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.87	---	---	---	0.7	-91
TB-2	4/9/2001	46,600	1,240	1,310	1,110	12,100	31,300	---	---	---	---	---	---	---	---	---	3.76	---	---	---	0.8	-24
TB-2	7/24/2001	11,000	630	<25	310	200	---	11,000	---	---	---	---	---	---	---	---	4.75	---	---	---	0.4	-51
TB-2	10/31/2001	7,500	530	1,500	100	500	---	2,500	---	---	---	---	---	---	---	---	4.24	---	---	---	0.6	-7
TB-2	1/10/2002	<5,000	480	47	34	110	---	12,000	---	---	---	---	---	---	---	---	6.26	---	---	---	1.3	-81
TB-2	4/25/2002	4,700	470	140	<20	80	---	7,400	---	---	---	---	---	---	---	---	11.78	---	---	---	0.9	-107
TB-2	7/18/2002	7,500	630	650	<25	390	---	44,000	---	---	---	---	---	---	---	---	12.34	---	---	---	0.9	-67
TB-2	10/7/2002	<10,000	580	<100	<100	180	---	30,000	---	---	---	---	---	---	---	---	11.62	---	---	---	1.0	-41
TB-2	1/6/2003	120	4.8	<0.50	<0.50	2.0	---	220	---	---	---	---	---	---	---	---	4.35	---	---	---	0.5	-515

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
EDB = 1,2-dibromoethane, analyzed by EPA Method 8260
1,2-DCA = 1,2-dichloroethane, 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
--- = Not applicable
DO = Dissolved Oxygens
ppm = Parts per million
ORP = Oxidation Reduction Potential
mV = Millivolts

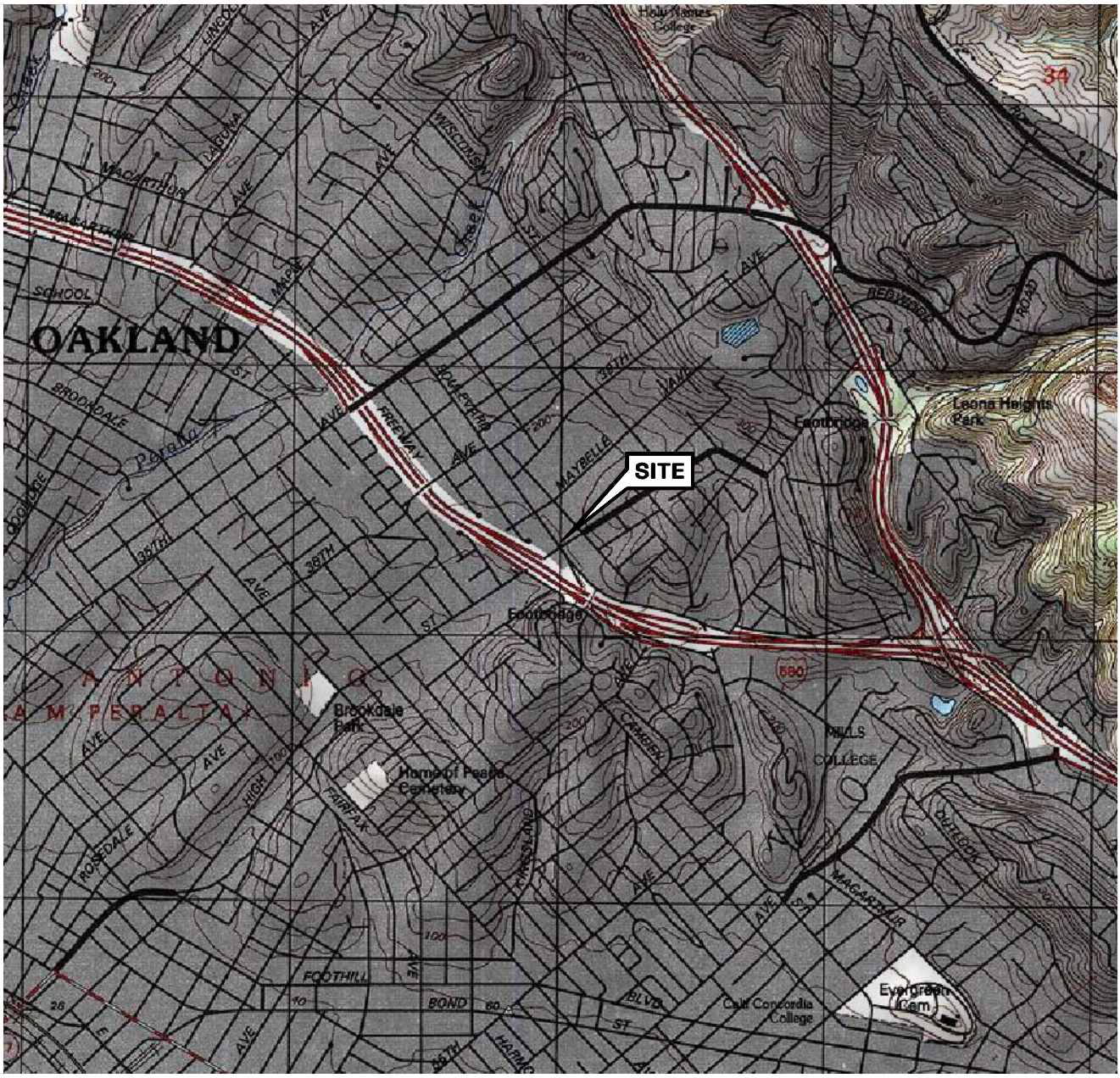
TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
4255 MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPPH* µg/L	*B* µg/L	*T* µg/L	*E* µg/L	*X* µg/L	*MTBE 8020* µg/L	*MTBE 8260* µg/L	*DIPE* µg/L	*ETBE* µg/L	*TAME* µg/L	*TBA* µg/L	*EDB* µg/L	*1,2-DCA* µg/L	*Ethanol* µg/L	*TOC* (ft MSL)	*Depth to Water* (ft TOC)	*Depth to SPH* (ft.)	*GW Elevation* (ft 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.
j = Hydrocarbon result partly due to individual peak(s) in quantitation range.
* = 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



N

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

TRC

76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\1156vm.dwg Mar 04, 2010 - 8:52am bschmidt

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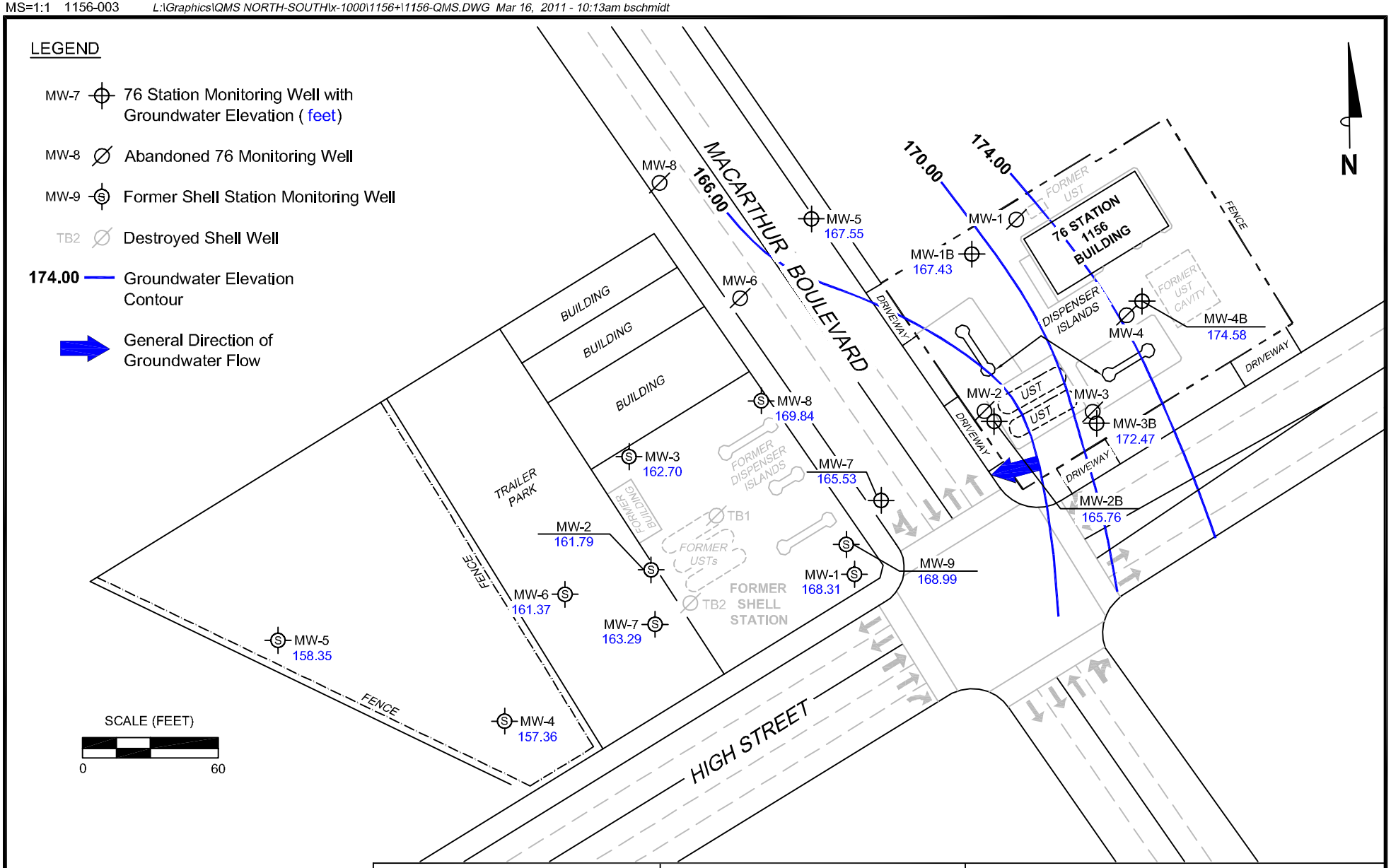


NOTES:

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

TRC

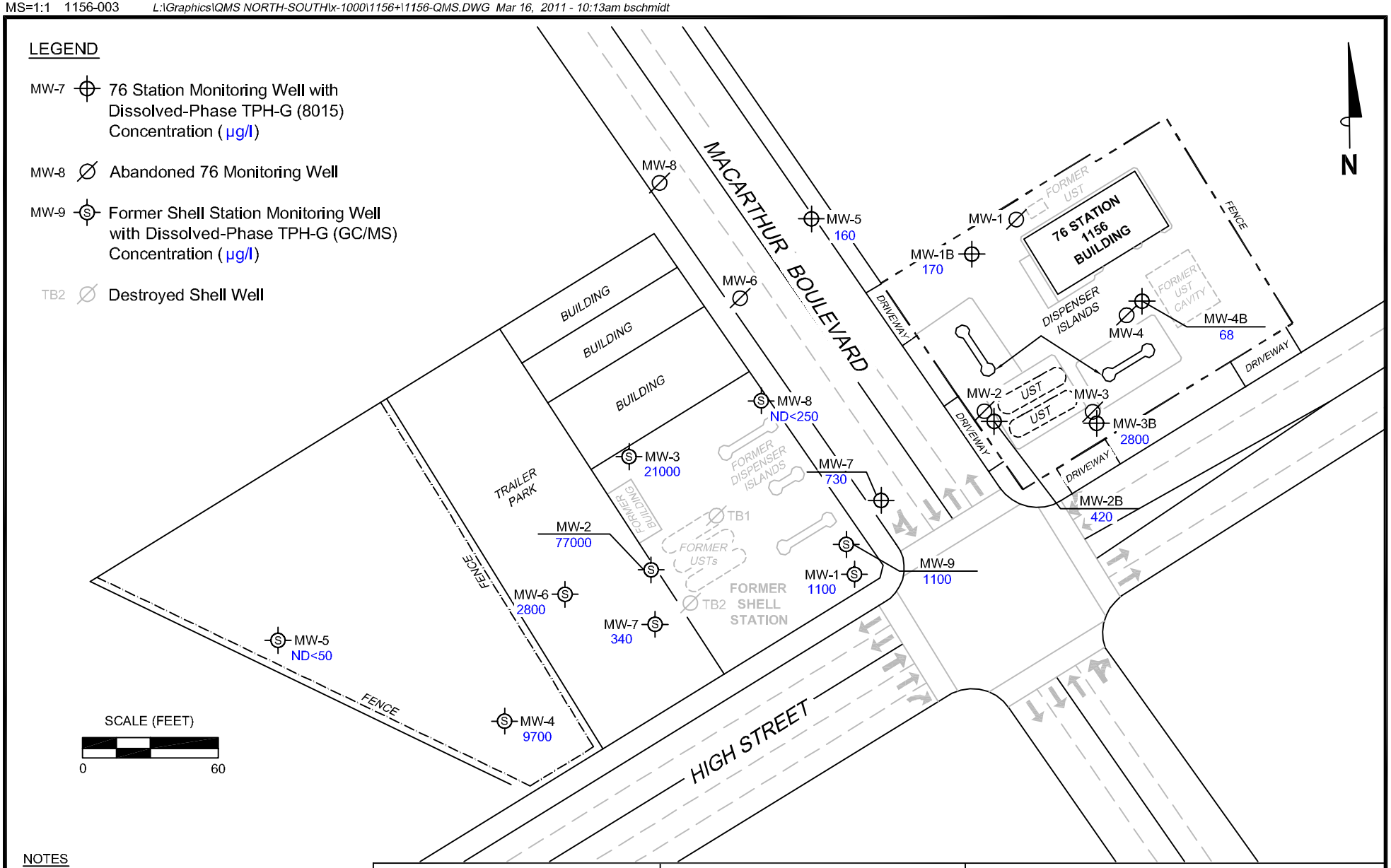
PROJECT: 181816.NCAL

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
January 31, 2011

FIGURE 2

MS=1:1 1156-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1156+\1156-QMS.DWG Mar 16, 2011 - 10:13am bschmidt



NOTES

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

TRC

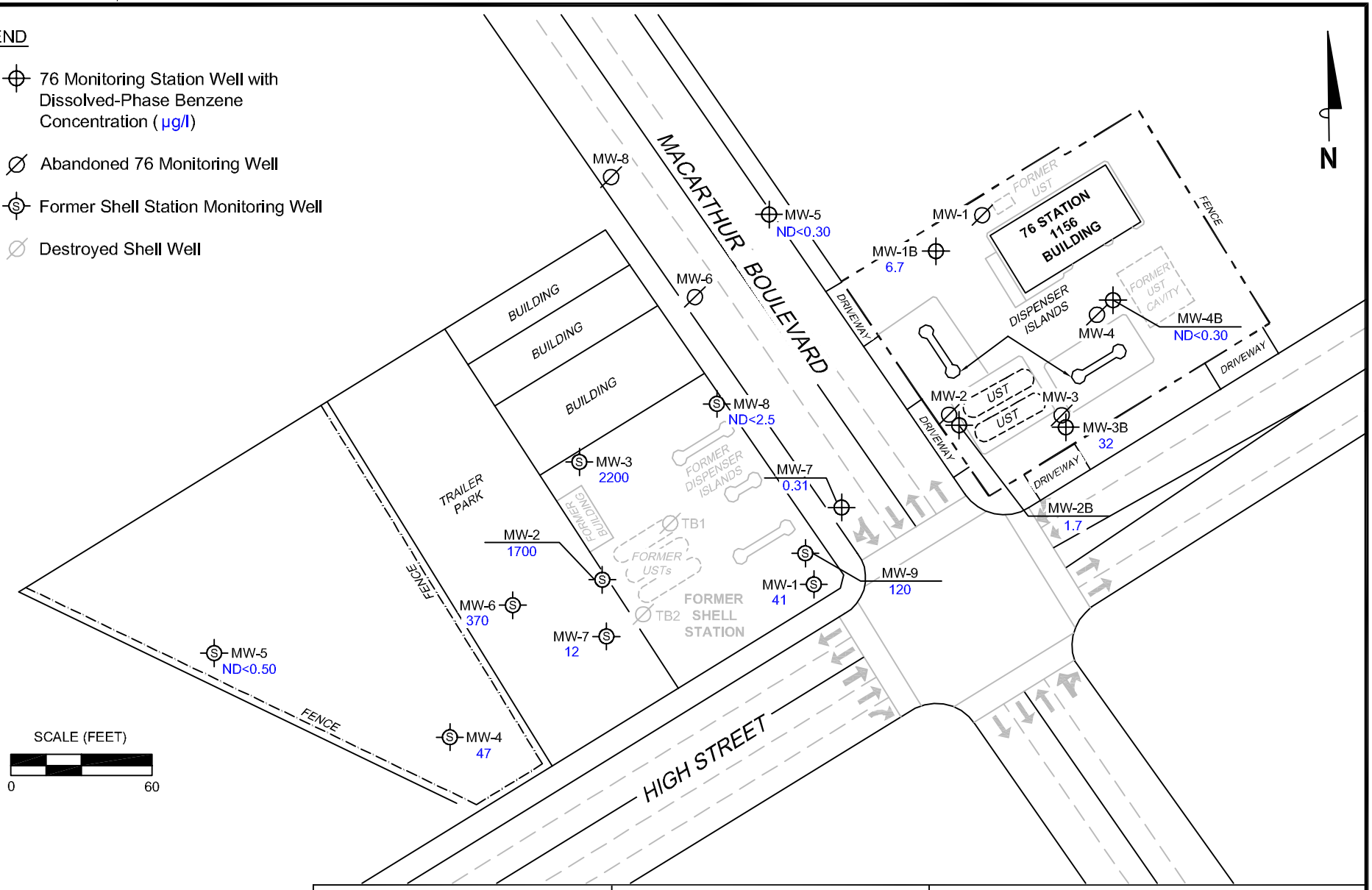
PROJECT: 181816.NCAL

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
January 31, 2011

FIGURE 3

MS=1:1 1156-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1156+\1156-QMS.DWG Mar 16, 2011 - 10:14am bschmidt



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Former Shell Station data provided by CRA.

TRC

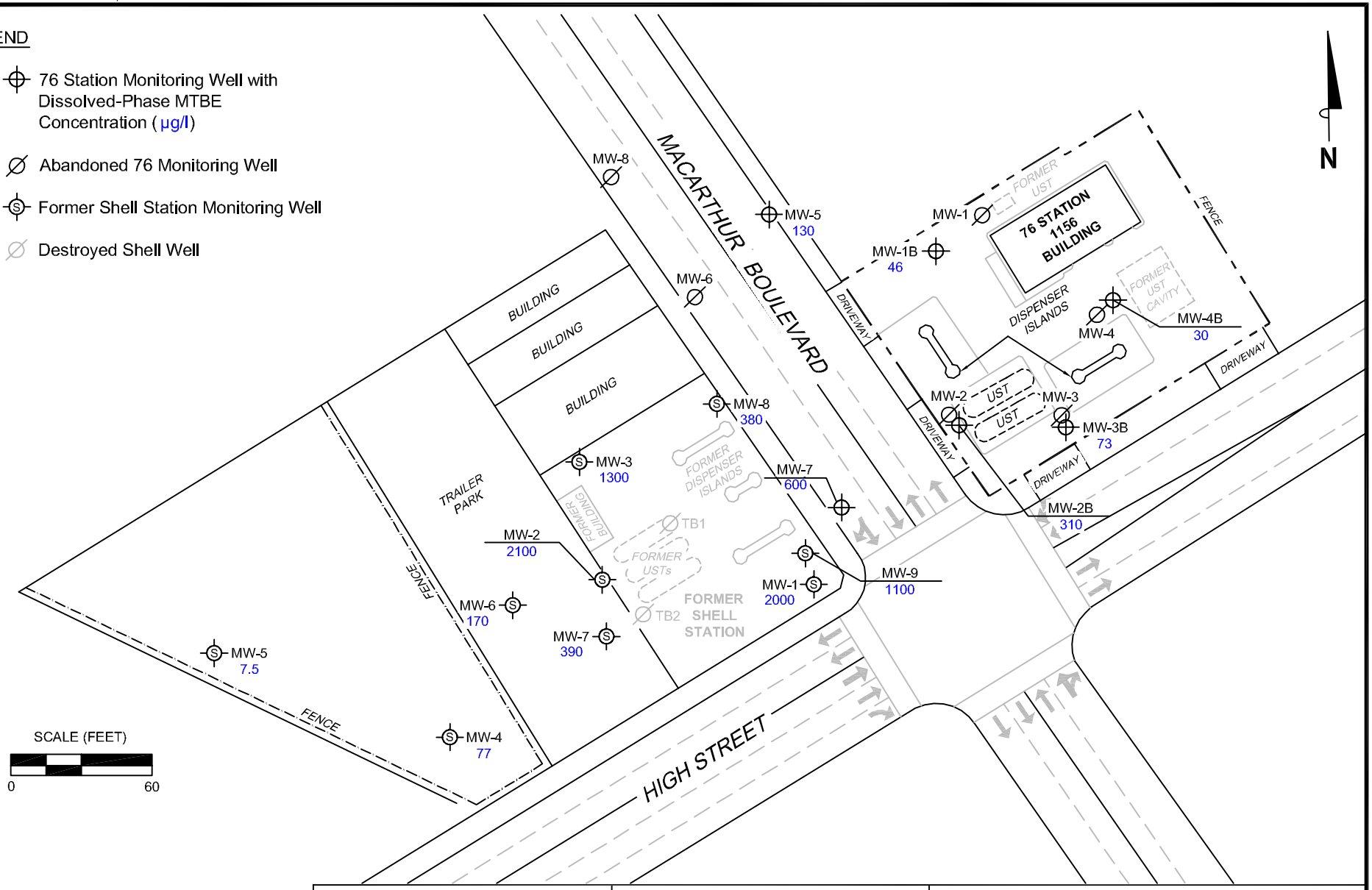
PROJECT: 181816.NCAL

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 31, 2011

FIGURE 4

MS=1:1 1156-003 L:\Graphics\QMS NORTH-SOUTH\x-1000\1156+\1156-QMS.DWG Mar 16, 2011 - 10:14am bschmidt



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. UST = underground storage tank. Former Shell Station data provided by CRA. Results obtained using EPA Method 8260B.

TRC

PROJECT: 181816.NCAL

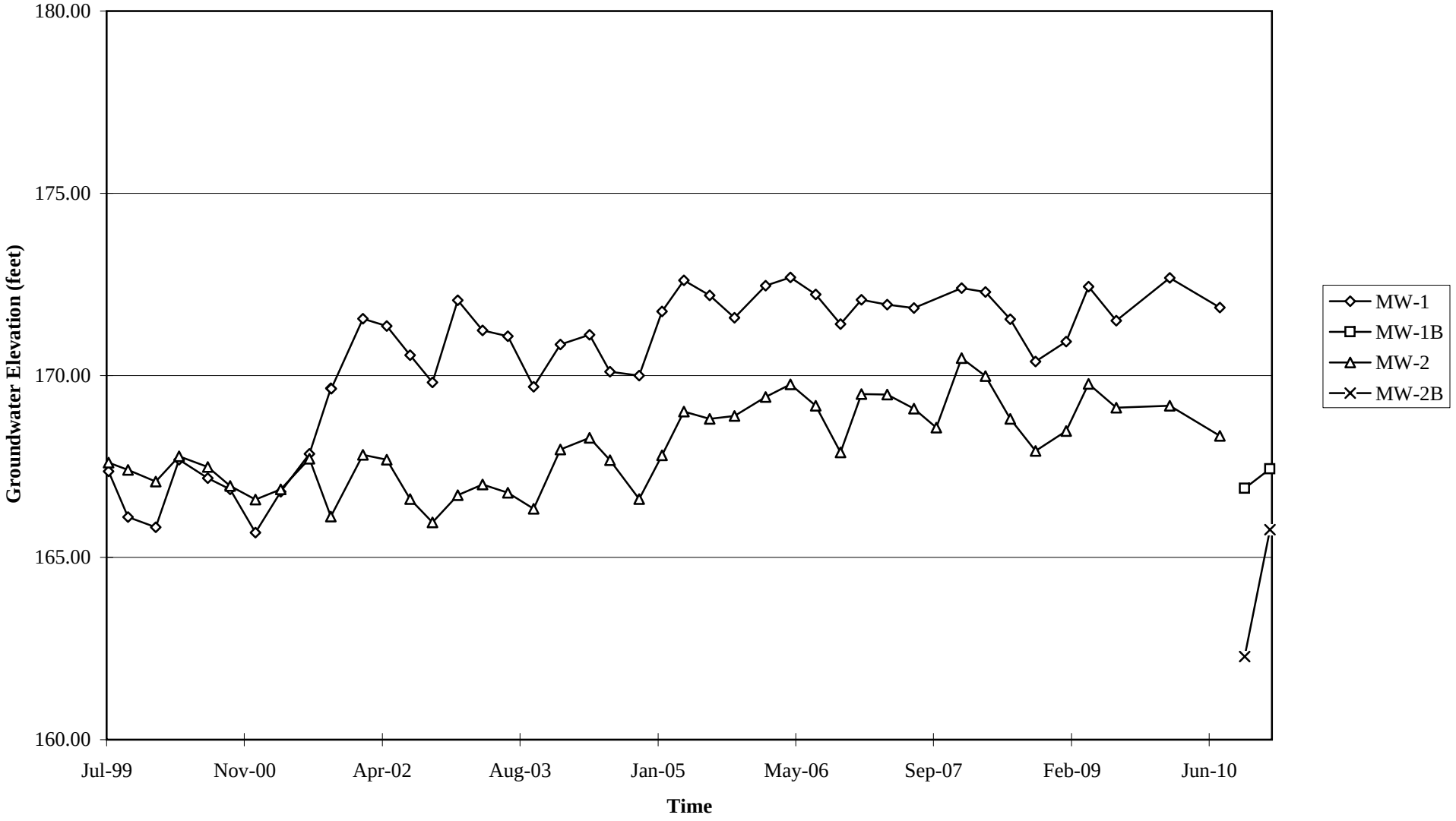
FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
January 31, 2011

FIGURE 5

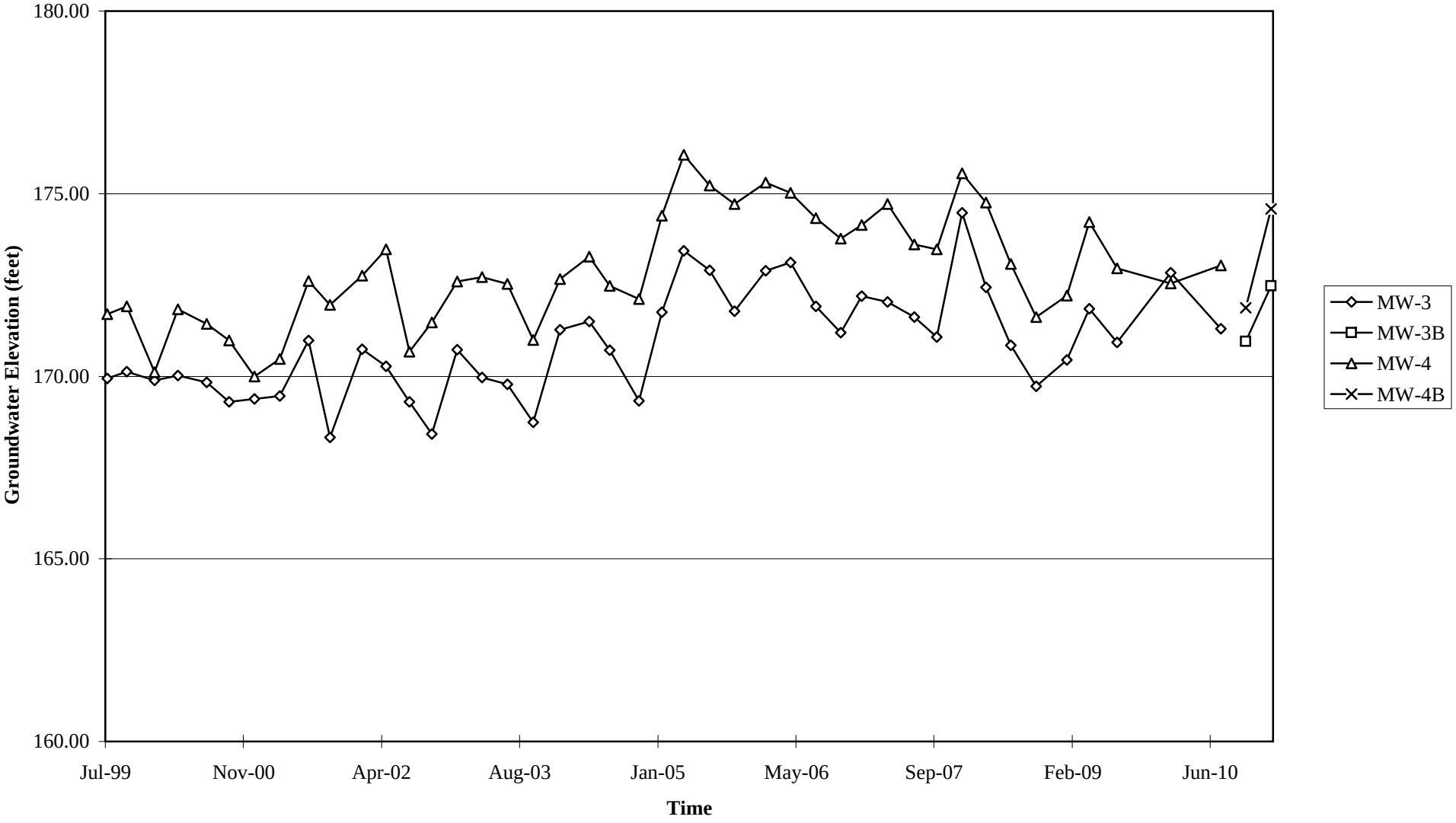
GRAPHS

Groundwater Elevations vs. Time
76 Station 1156



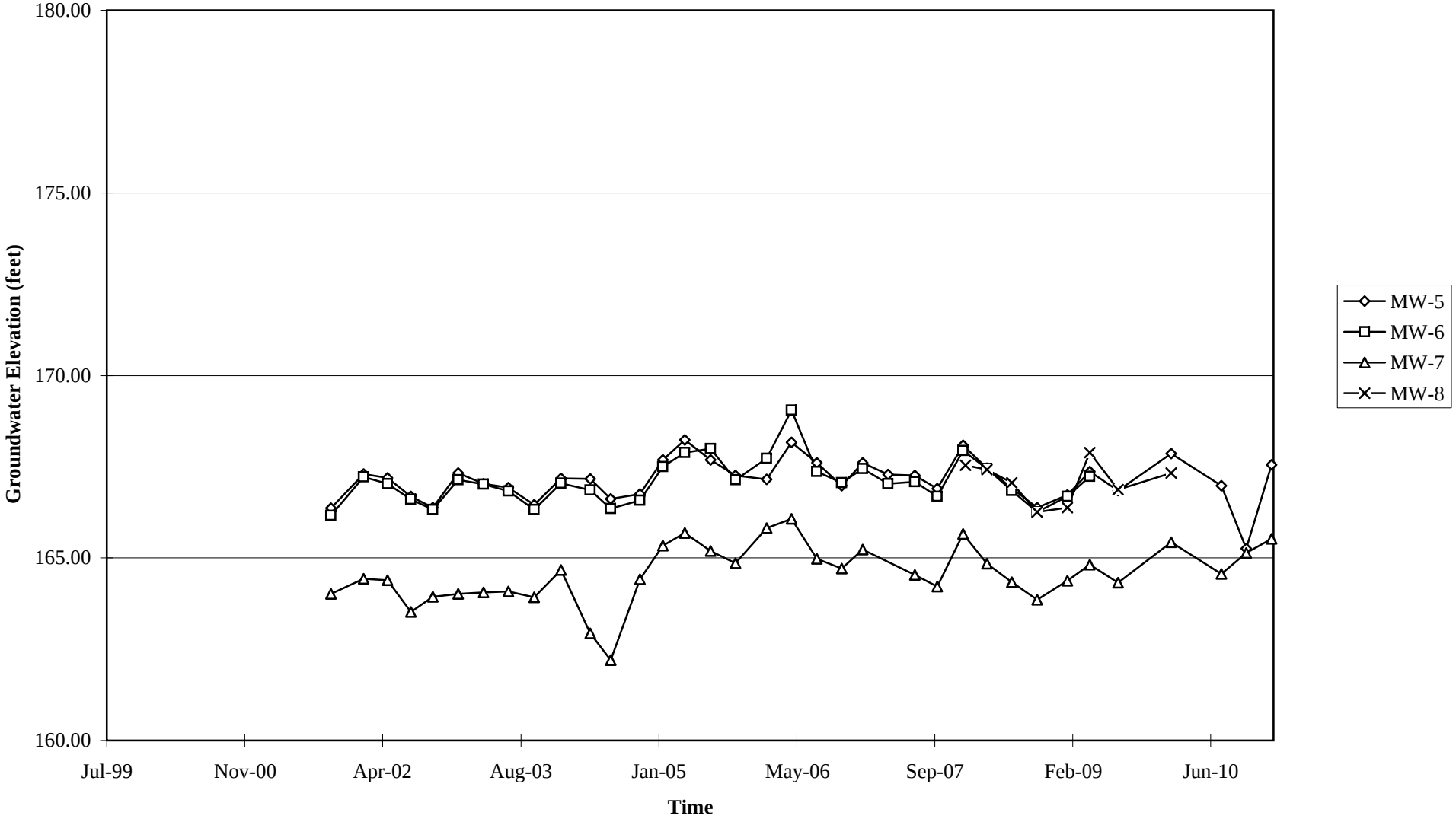
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1156



Elevations may have been corrected for apparent changes due to resurvey

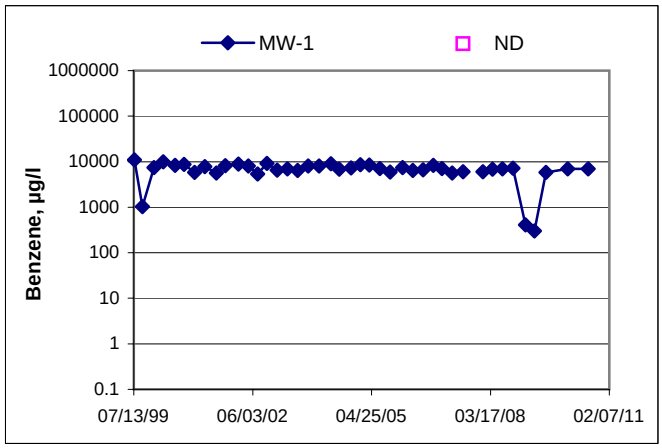
Groundwater Elevations vs. Time
76 Station 1156

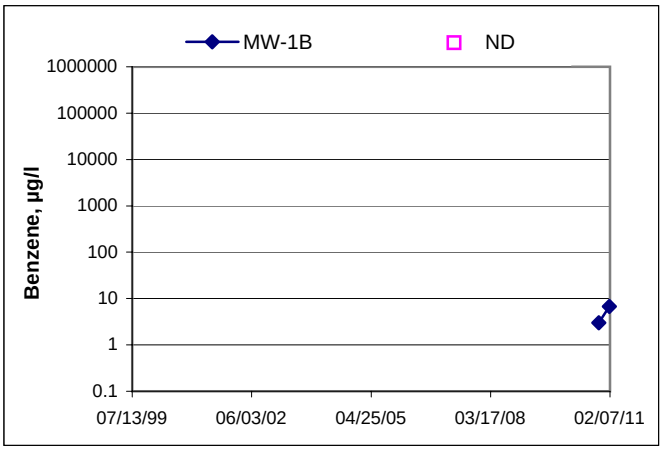


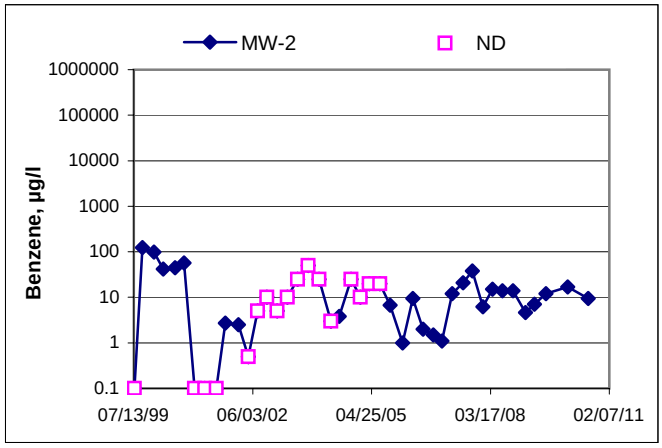
Elevations may have been corrected for apparent changes due to resurvey

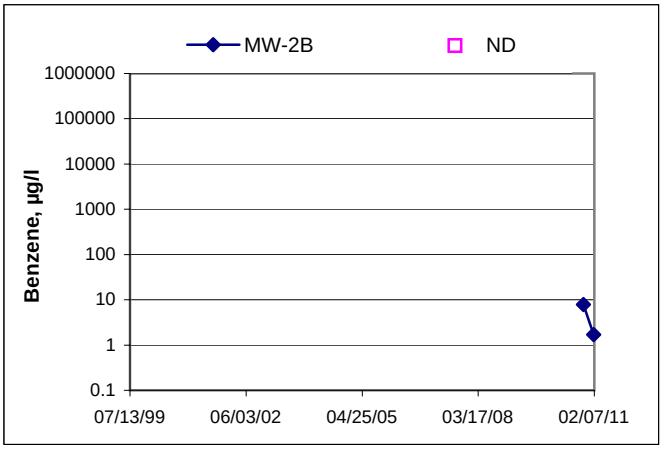
Benzene Concentrations vs Time

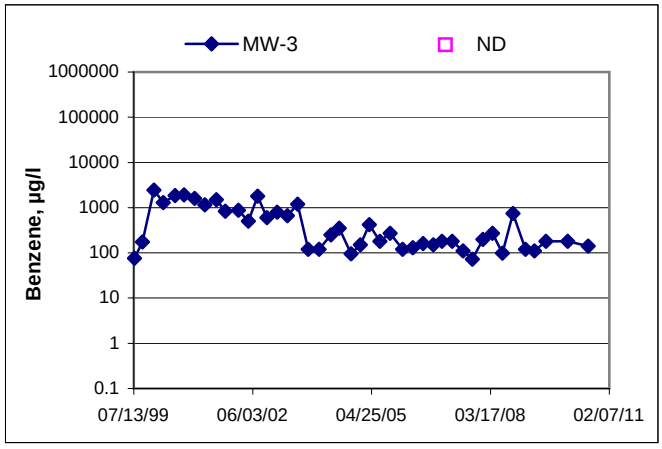
76 Station 1156

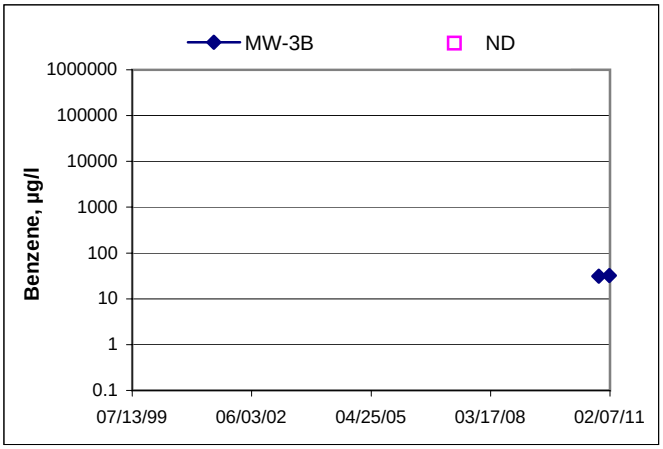


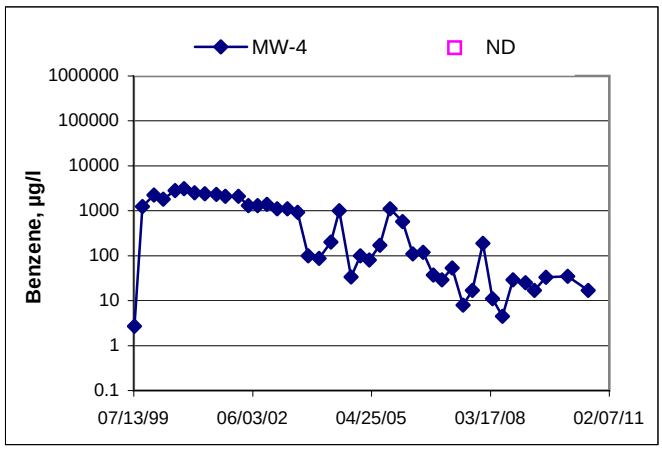


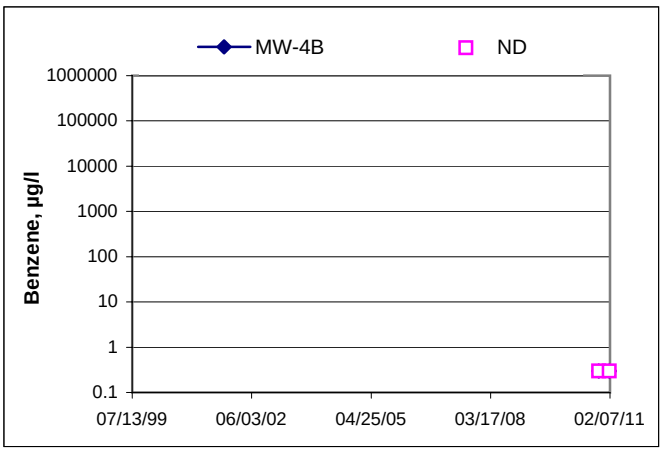






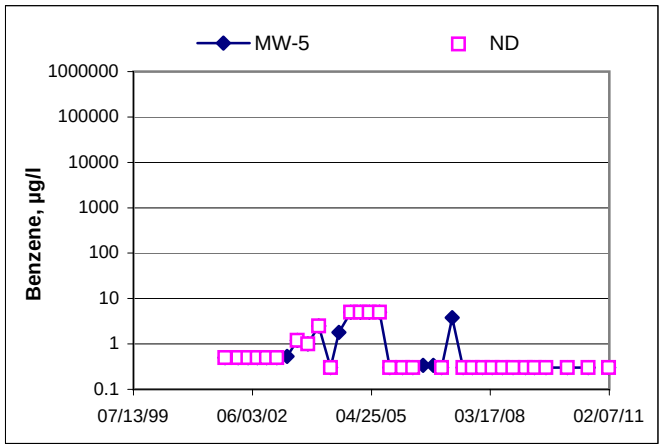


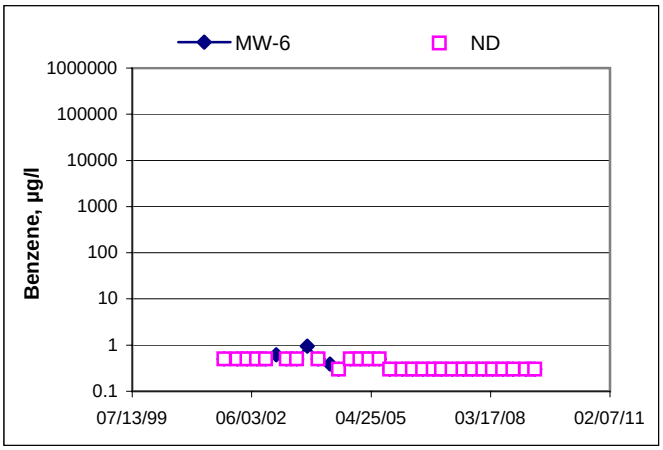


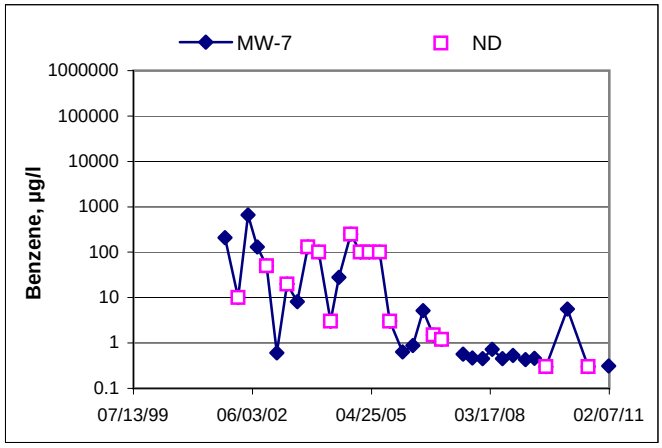


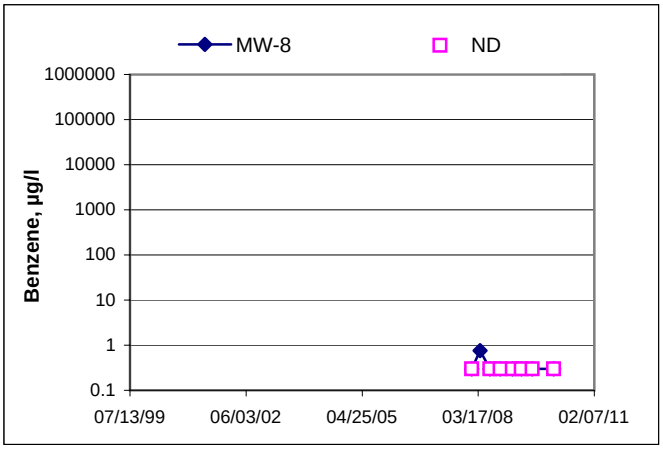
Benzene Concentrations vs Time

76 Station 1156

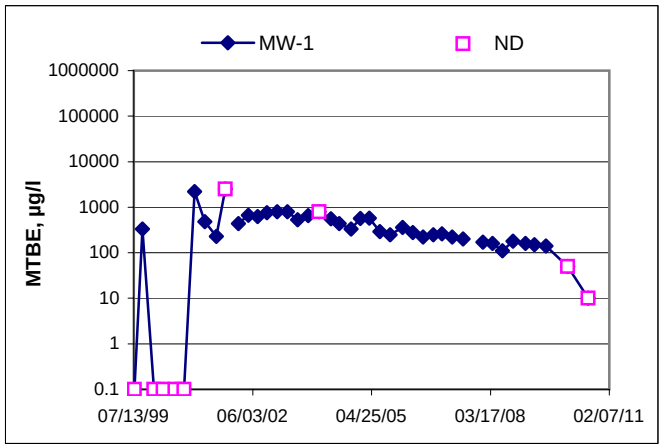


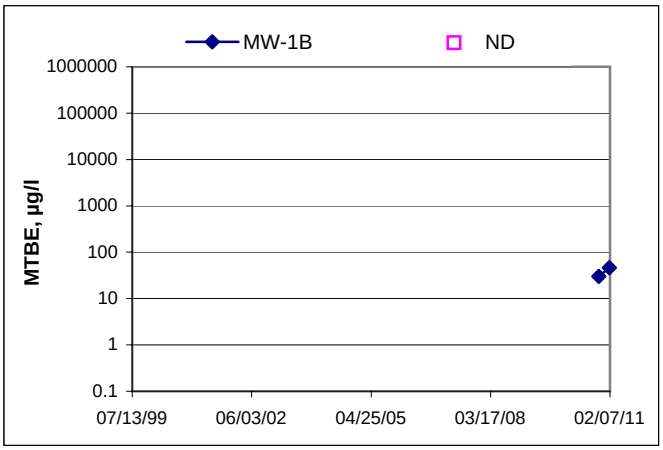


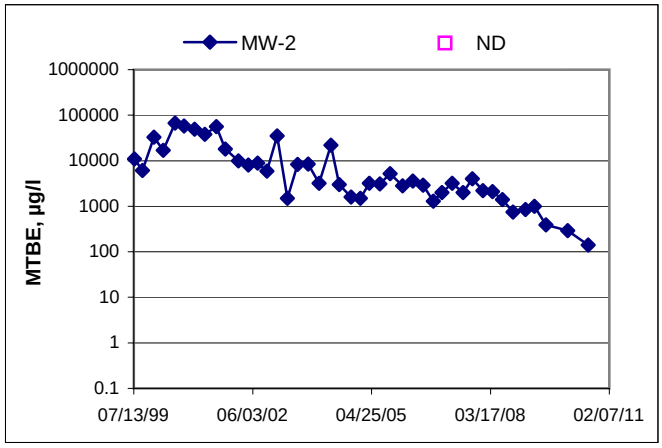


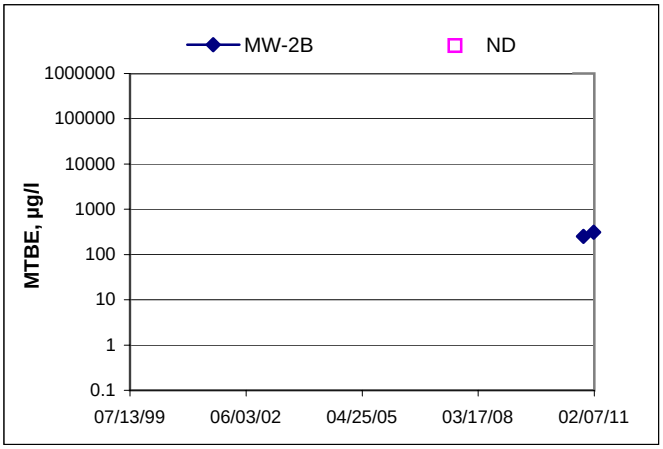


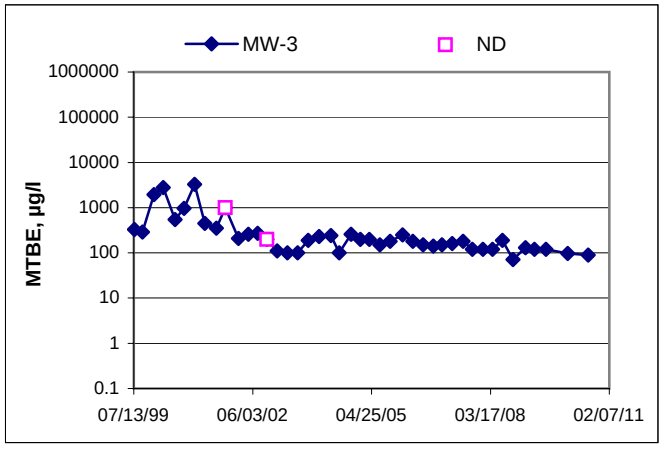
MTBE Concentrations vs Time
76 Station 1156

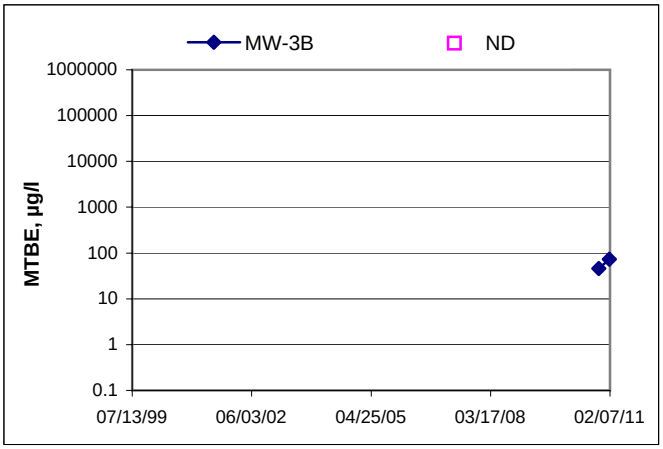


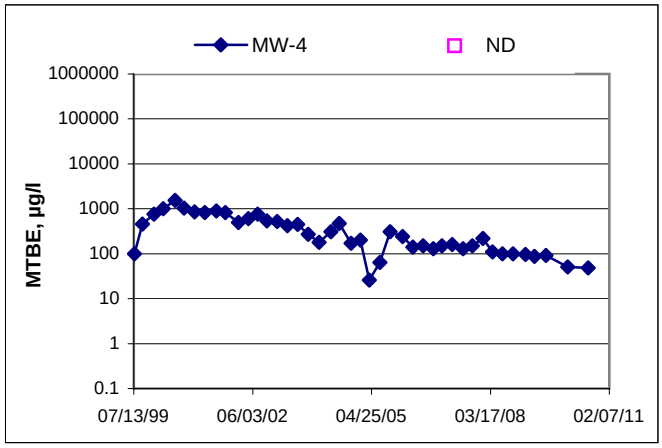


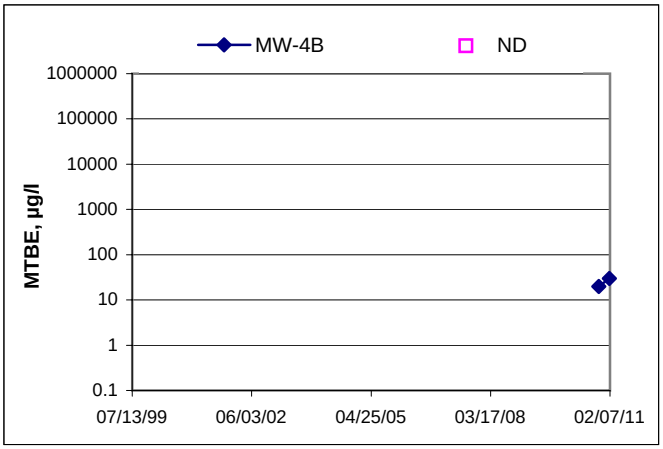






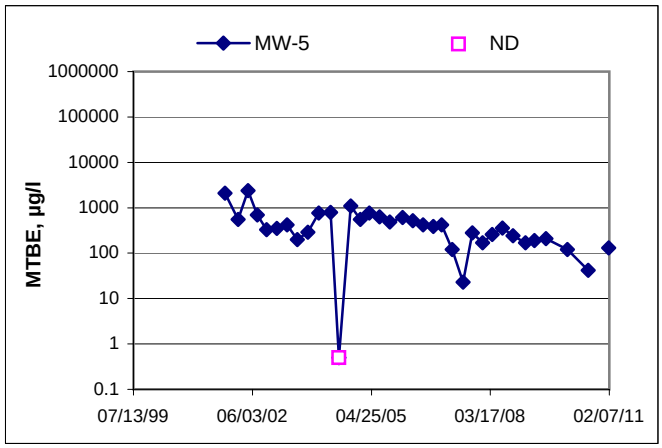


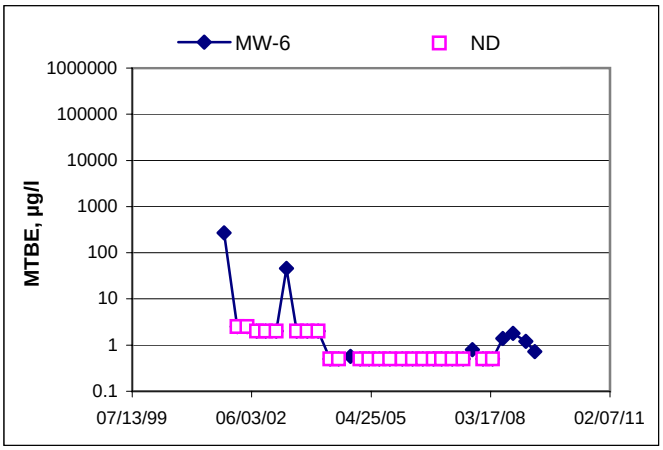


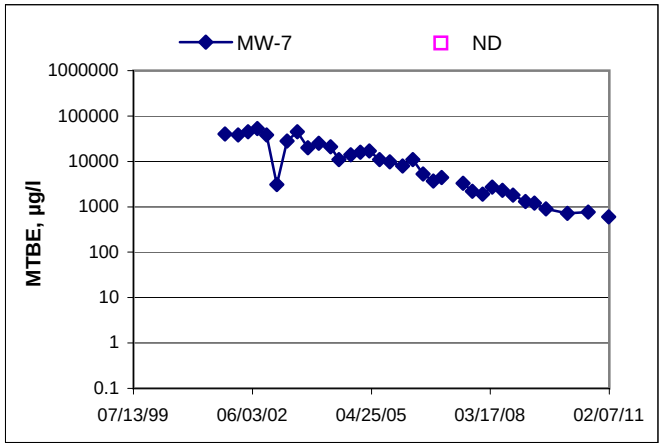


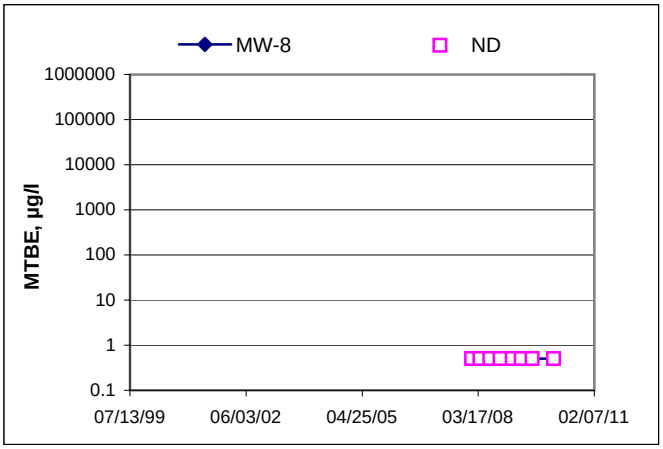
MTBE Concentrations vs Time

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 Vickers Job #/Task #: 181816 Date: 1/31/11

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-4B	✓	0532	24.89	4.49	—	—	0820	2"
MW-5	✓	0542	25.37	1.63	—	—	0840	2"
MW-7	✓	0551	23.91	6.58	—	—	0903	2"
MW-1B	✓	0558	24.99	6.62	—	—	0930	2"
MW-2B	✓	0607	24.95	7.79	—	—	0943	2"
MW-3B	✓	0611	24.97	5.30	—	—	0956	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Walters

Site: 1156 Project No.: 181816 Date: 1/31/11

Well No. MW-4B Purge Method: Sub

Depth to Water (feet): 4.49 Depth to Product (feet): —

Total Depth (feet) 24.89 LPH & Water Recovered (gallons): —

Water Column (feet): 20.40 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.57 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							3.13	151	
0639			4	683.2	14.9	6.84	1.76	138	
			8	664.7	17.5	6.87	1.30	141	
	0647		12	644.5	18.6	6.89	1.72	145	

Static at Time Sampled	Total Gallons Purged	Sample Time
5.59	12	0820

Comments:

Well No. MW-5 Purge Method: Sub

Depth to Water (feet): 1.63 Depth to Product (feet): —

Total Depth (feet) 25.37 LPH & Water Recovered (gallons): —

Water Column (feet): 23.74 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 6.38 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.17	154	
0654			5	878.6	17.5	6.87	1.06	155	
			10	818.8	17.4	6.88	1.10	155	
	0659		15	885.5	18.3	6.89	1.00	155	

Static at Time Sampled	Total Gallons Purged	Sample Time
1.93	15	0840

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 1156 Project No.: 181816 Date: 1/31/11

Well No. MW-7 Purge Method: Sub

Depth to Water (feet): 6.58 Depth to Product (feet): —

Total Depth (feet) 23.91 LPH & Water Recovered (gallons): —

Water Column (feet): 17.33 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.05 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.22	156	
0709			3	772.8	16.2	6.79	1.11	158	
			6	880.9	17.4	6.74	1.00	163	
	0714		9	905.2	17.5	6.78	0.92	163	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.66	9	0903

Comments:

Well No. MW-1B Purge Method: Sub

Depth to Water (feet): 6.62 Depth to Product (feet): —

Total Depth (feet) 24.99 LPH & Water Recovered (gallons): —

Water Column (feet): 18.37 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.29 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							2.57	152	
0729			4	744.0	18.5	7.04	1.43	156	
			8	796.4	19.9	6.88	0.92	161	
	0735		12	806.2	19.7	6.98	1.32	159	

Static at Time Sampled	Total Gallons Purged	Sample Time
6.67	12	0730

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidwans

Site: 1156 Project No.: 181816 Date: 1/31/11

Well No. MW-2B Purge Method: Sub

Depth to Water (feet): 7.79 Depth to Product (feet): —

Total Depth (feet) 24.95 LPH & Water Recovered (gallons): —

Water Column (feet): 17.16 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.22 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.25	159	
0744			3	694.3	17.0	6.83	0.93	162	
	0749		6	716.2	17.0	6.89	0.89	159	
			9						

Static at Time Sampled	Total Gallons Purged	Sample Time
11.00	6	0943

Comments: Dry at 6 gallons. Did not recover in 45 minutes.

Well No. MW-3B Purge Method: Sub

Depth to Water (feet): 5.30 Depth to Product (feet): —

Total Depth (feet) 24.97 LPH & Water Recovered (gallons): —

Water Column (feet): 19.67 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.23 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							0.88	161	
0759			4	798.8	17.7	6.76	0.80	160	
	0804		8	819.1	17.6	6.86	0.72	108	
0808	0812		12	839.4	17.7	6.90	0.66	100	

Static at Time Sampled	Total Gallons Purged	Sample Time
5.60	12	0956

Comments: Dry at 8 gallons, recharged quickly.

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 02/16/2011

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 1156
BC Work Order: 1101784
Invoice ID: B095298

Enclosed are the results of analyses for samples received by the laboratory on 1/31/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

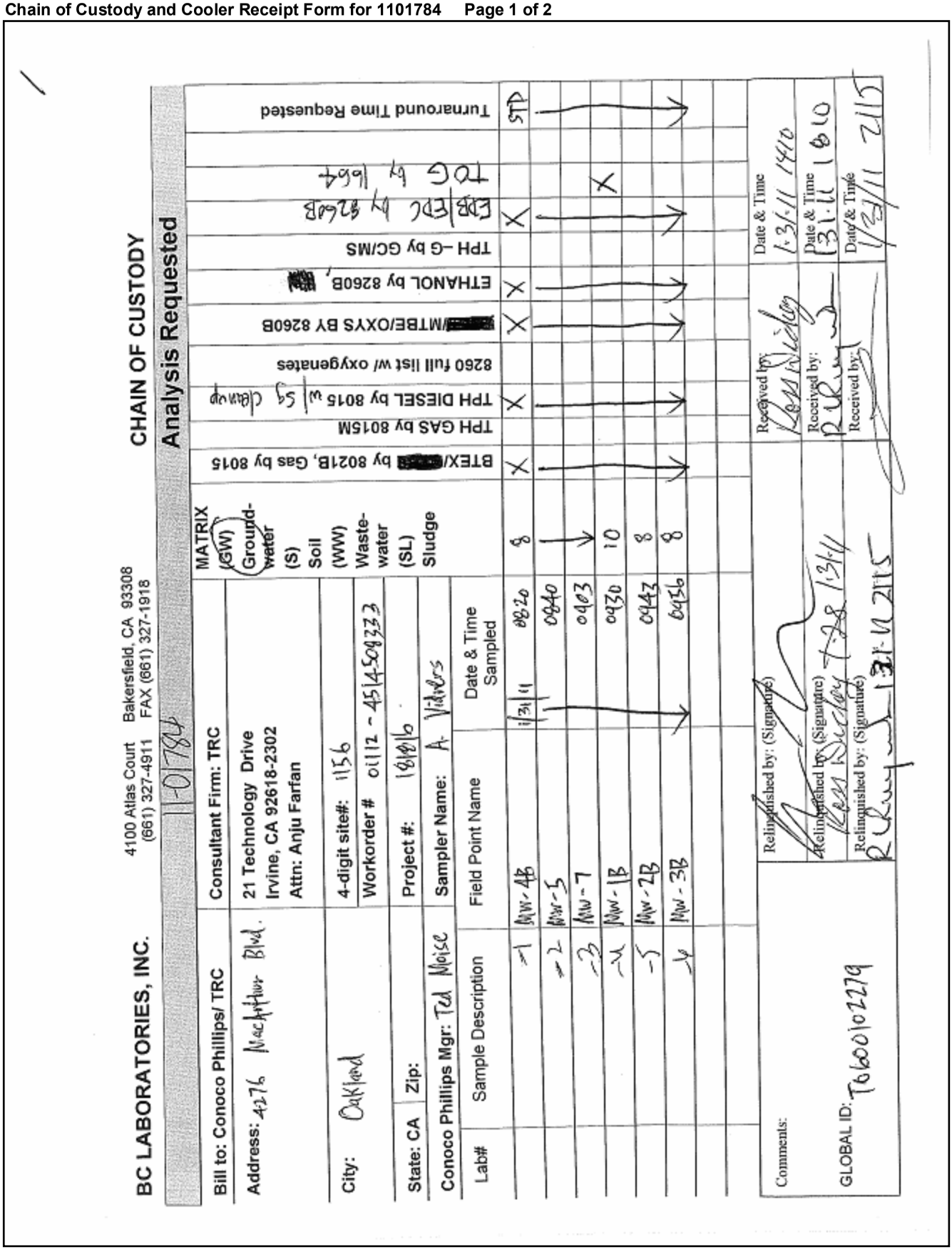
Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Table of Contents

Chain of Custody and Cooler Receipt Form for 1101784 Page 1 of 2



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

CHAIN OF CUSTODY

1101784

Bill to: Conoco Phillips/ TRC

Consultant Firm: TRC

Address: 4276 MacArthur Blvd.

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

City: Oakland

4-digit site#: 1156

Workorder # 01112 - 4514509333

State: CA Zip:

Project #: 180116

Conoco Phillips Mgr: Ted Meise

Sampler Name: A. Vickers

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge	BTEX/[redacted] by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015 w/ SG cleanup	8260 full list w/ oxygenates	[redacted]/MTBE/OXYS BY 8260B	ETHANOL by 8260B[redacted]	TPH -G by GC/MS	EDB/EDC by 8260B	TBG by 8664	Turnaround Time Requested
-1	MW-4B	MW-4B	1/31/11 0820	S	X		X		X	X		X		STD
-2	MW-5	MW-5	0940											
-3	MW-7	MW-7	0903										X	
-4	MW-1B	MW-1B	0930	10										
-5	MW-2B	MW-2B	0943	S										
-6	MW-3B	MW-3B	0956	S										

Comments:

GLOBAL ID: T0600102279

Relinquished by: (Signature) Date & Time 1/31/11 1440

Received by: [redacted] Date & Time 1/31/11 1610

Relinquished by: (Signature) Date & Time 1/31/11 1610

Received by: [redacted] Date & Time 1/31/11 2115

Relinquished by: (Signature) Date & Time 1/31/11 2115

Chain of Custody and Cooler Receipt Form for 1101784 Page 2 of 2

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

Submission #: 11-01784

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

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

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

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

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

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: QIA Thermometer ID: 163 Date/Time 1/31/11 2120
Temperature: A 1.2 °C / C 1.2 °C Analyst Init S

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

CHK BY ___ DISTRIBUTION ___

Comments: ________
Sample Numbering Completed By: S Date/Time: 2/1/11 1802
A = Actual / C = Corrected
[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1101784-01	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 08:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-4B	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-4B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1101784-02	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 08:40
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-5	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-5
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1101784-03	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 09:03
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-7	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-7
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1101784-04	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 09:30
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1B	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-1B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1101784-05	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 09:43
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-2B	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-2B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1101784-06	**COC Number:**	---	**Receive Date:** 01/31/2011 21:15
	Project Number:	1156	**Sampling Date:** 01/31/2011 09:56
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-3B	**Lab Matrix:** Water
	Sampled By:	TRCI	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-3B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-01 | **Client Sample Name:** 1156, MW-4B, 1/31/2011 8:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**30**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/09/11 00:29	JSK	HPCHEM	1	BUB0490

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-01 | **Client Sample Name:** 1156, MW-4B, 1/31/2011 8:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Total Xylenes	**2.0**	**ug/L**	**0.60**	**EPA-8021**	**ND**		1
Gasoline Range Organics (C4 - C12)	**68**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	94.5	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	97.2	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/07/11	02/08/11 09:08	jjh	GC-V4	1	BUB0710
2	Luft	02/07/11	02/08/11 09:08	jjh	GC-V4	1	BUB0710

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-01 | **Client Sample Name:** 1156, MW-4B, 1/31/2011 8:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	108	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 13:49	EJB	GC-5	0.960	BUB1043

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-02 | **Client Sample Name:** 1156, MW-5, 1/31/2011 8:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	**1.6**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Methyl t-butyl ether	**130**	**ug/L**	**5.0**	**EPA-8260**	**ND**	**A01**	2
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/09/11 05:27	JSK	HPCHEM	1	BUB0490
2	EPA-8260	02/09/11	02/09/11 21:18	JSK	HPCHEM	10	BUB0490

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-02 | **Client Sample Name:** 1156, MW-5, 1/31/2011 8:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**160**	**ug/L**	**50**	**Luft**	**ND**	**A91**	2
a,a,a-Trifluorotoluene (PID Surrogate)	99.8	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	98.1	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/07/11	02/08/11 09:30	jjh	GC-V4	1	BUB0710
2	Luft	02/07/11	02/08/11 09:30	jjh	GC-V4	1	BUB0710

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-02 | **Client Sample Name:** 1156, MW-5, 1/31/2011 8:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	84.8	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 14:03	EJB	GC-5	0.980	BUB1043

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-03 | **Client Sample Name:** 1156, MW-7, 1/31/2011 9:03:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	**1.3**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Methyl t-butyl ether	**600**	**ug/L**	**5.0**	**EPA-8260**	**ND**	**A01**	2
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	**160**	**ug/L**	**10**	**EPA-8260**	**ND**		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	89.6	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	98.8	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/10/11 17:18	JSK	HPCHEM	1	BUB0490
2	EPA-8260	02/08/11	02/09/11 05:48	JSK	HPCHEM	10	BUB0490

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-03 | **Client Sample Name:** 1156, MW-7, 1/31/2011 9:03:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.31**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**0.59**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**730**	**ug/L**	**50**	**Luft**	**ND**	**A91**	2
a,a,a-Trifluorotoluene (PID Surrogate)	101	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	95.8	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/07/11	02/08/11 09:53	jjh	GC-V4	1	BUB0710
2	Luft	02/07/11	02/08/11 09:53	jjh	GC-V4	1	BUB0710

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 02/16/2011 8:55
Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-03 | **Client Sample Name:** 1156, MW-7, 1/31/2011 9:03:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	80.6	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 14:18	EJB	GC-5	1	BUB1043

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-04 | **Client Sample Name:** 1156, MW-1B, 1/31/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	**0.76**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
Methyl t-butyl ether	**46**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	**28**	**ug/L**	**10**	**EPA-8260**	**ND**		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/09/11 06:09	JSK	HPCHEM	1	BUB0490

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-04 | **Client Sample Name:** 1156, MW-1B, 1/31/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**6.7**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**0.64**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	**0.33**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**170**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	101	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/07/11	02/08/11 10:19	jjh	GC-V4	1	BUB0710
2	Luft	02/07/11	02/08/11 10:19	jjh	GC-V4	1	BUB0710

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-04 | **Client Sample Name:** 1156, MW-1B, 1/31/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	79.5	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 14:32	EJB	GC-5	0.950	BUB1043

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EPA Method 1664

BCL Sample ID: 1101784-04 | **Client Sample Name:** 1156, MW-1B, 1/31/2011 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Oil and Grease	ND	mg/L	5.0	EPA-1664HEM	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-1664HEM	02/09/11	02/11/11 13:40	JAK	MAN-SV	1	BUB0814

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-05 | **Client Sample Name:** 1156, MW-2B, 1/31/2011 9:43:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**310**	**ug/L**	**5.0**	**EPA-8260**	**ND**	**A01**	2
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	**1300**	**ug/L**	**10**	**EPA-8260**	**ND**		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/10/11 17:39	JSK	HPCHEM	1	BUB0490
2	EPA-8260	02/08/11	02/09/11 06:31	JSK	HPCHEM	10	BUB0490

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-05 | **Client Sample Name:** 1156, MW-2B, 1/31/2011 9:43:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**1.7**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**0.47**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	**0.59**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**420**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	97.7	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	99.7	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/07/11	02/08/11 10:42	jjh	GC-V4	1	BUB0710
2	Luft	02/07/11	02/08/11 10:42	jjh	GC-V4	1	BUB0710

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-05 | **Client Sample Name:** 1156, MW-2B, 1/31/2011 9:43:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND		1
Tetracosane (Surrogate)	105	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 14:47	EJB	GC-5	0.970	BUB1043

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1101784-06 | **Client Sample Name:** 1156, MW-3B, 1/31/2011 9:56:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	**73**	**ug/L**	**0.50**	**EPA-8260**	**ND**		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	02/08/11	02/09/11 06:52	JSK	HPCHEM	1	BUB0490

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Project Number: 4514508333
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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1101784-06 | **Client Sample Name:** 1156, MW-3B, 1/31/2011 9:56:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**32**	**ug/L**	**3.0**	**EPA-8021**	**ND**	**A01**	1
Toluene	**20**	**ug/L**	**3.0**	**EPA-8021**	**ND**	**A01**	1
Ethylbenzene	**39**	**ug/L**	**3.0**	**EPA-8021**	**ND**	**A01**	1
Total Xylenes	**47**	**ug/L**	**6.0**	**EPA-8021**	**ND**	**A01**	1
Gasoline Range Organics (C4 - C12)	**2800**	**ug/L**	**500**	**Luft**	**ND**	**A01**	2
a,a,a-Trifluorotoluene (PID Surrogate)	104	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	105	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	02/04/11	02/08/11 02:36	jjh	GC-V4	10	BUB0296
2	Luft	02/04/11	02/08/11 02:36	jjh	GC-V4	10	BUB0296

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1101784-06 | **Client Sample Name:** 1156, MW-3B, 1/31/2011 9:56:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**65**	**ug/L**	**50**	**Luft/TPHd**	**ND**	**A52**	1
Tetracosane (Surrogate)	67.6	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	02/08/11	02/12/11 15:01	EJB	GC-5	0.980	BUB1043

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUB0490						
1,2-Dibromoethane	BUB0490-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUB0490-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUB0490-BLK1	ND	ug/L	0.50		
t-Amyl Methyl ether	BUB0490-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUB0490-BLK1	ND	ug/L	10		
Diisopropyl ether	BUB0490-BLK1	ND	ug/L	0.50		
Ethanol	BUB0490-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUB0490-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BUB0490-BLK1	113	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUB0490-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUB0490-BLK1	101	%	86 - 115 (LCL - UCL)		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUB0490										
1,2-Dichloroethane-d4 (Surrogate)	BUB0490-BS1	LCS	10.260	10.000	ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BUB0490-BS1	LCS	10.190	10.000	ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUB0490-BS1	LCS	10.540	10.000	ug/L	105		86 - 115		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUB0490	Used client sample: Y - Description: MW-4B, 01/31/2011 08:20										
1,2-Dichloroethane-d4 (Surrogate)	MS	1101784-01	ND	10.960	10.000	ug/L		110		76 - 114	
	MSD	1101784-01	ND	10.740	10.000	ug/L	2.0	107		76 - 114	
Toluene-d8 (Surrogate)	MS	1101784-01	ND	10.020	10.000	ug/L		100		88 - 110	
	MSD	1101784-01	ND	10.250	10.000	ug/L	2.3	102		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1101784-01	ND	10.600	10.000	ug/L		106		86 - 115	
	MSD	1101784-01	ND	10.600	10.000	ug/L	0	106		86 - 115	

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUB0296						
Benzene	BUB0296-BLK1	ND	ug/L	0.30		
Toluene	BUB0296-BLK1	ND	ug/L	0.30		
Ethylbenzene	BUB0296-BLK1	ND	ug/L	0.30		
Total Xylenes	BUB0296-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BUB0296-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BUB0296-BLK1	101	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BUB0296-BLK1	100	%	70 - 130 (LCL - UCL)		
QC Batch ID: BUB0710						
Benzene	BUB0710-BLK1	ND	ug/L	0.30		
Toluene	BUB0710-BLK1	ND	ug/L	0.30		
Ethylbenzene	BUB0710-BLK1	ND	ug/L	0.30		
Total Xylenes	BUB0710-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BUB0710-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BUB0710-BLK1	96.5	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BUB0710-BLK1	88.0	%	70 - 130 (LCL - UCL)		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUB0296										
Benzene	BUB0296-BS1	LCS	39.854	40.000	ug/L	99.6		85 - 115		
Toluene	BUB0296-BS1	LCS	38.934	40.000	ug/L	97.3		85 - 115		
Ethylbenzene	BUB0296-BS1	LCS	39.674	40.000	ug/L	99.2		85 - 115		
Total Xylenes	BUB0296-BS1	LCS	115.42	120.00	ug/L	96.2		85 - 115		
Gasoline Range Organics (C4 - C12)	BUB0296-BS1	LCS	1036.7	1000.0	ug/L	104		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BUB0296-BS1	LCS	37.793	40.000	ug/L	94.5		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BUB0296-BS1	LCS	39.686	40.000	ug/L	99.2		70 - 130		
QC Batch ID: BUB0710										
Benzene	BUB0710-BS1	LCS	40.669	40.000	ug/L	102		85 - 115		
Toluene	BUB0710-BS1	LCS	40.258	40.000	ug/L	101		85 - 115		
Ethylbenzene	BUB0710-BS1	LCS	41.244	40.000	ug/L	103		85 - 115		
Total Xylenes	BUB0710-BS1	LCS	120.33	120.00	ug/L	100		85 - 115		
Gasoline Range Organics (C4 - C12)	BUB0710-BS1	LCS	1123.0	1000.0	ug/L	112		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BUB0710-BS1	LCS	38.240	40.000	ug/L	95.6		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BUB0710-BS1	LCS	38.069	40.000	ug/L	95.2		70 - 130		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUB0296	Used client sample: N										
Benzene	MS	1100204-61	ND	36.639	40.000	ug/L		91.6		70 - 130	
	MSD	1100204-61	ND	38.290	40.000	ug/L	4.4	95.7	20	70 - 130	
Toluene	MS	1100204-61	ND	35.796	40.000	ug/L		89.5		70 - 130	
	MSD	1100204-61	ND	37.496	40.000	ug/L	4.6	93.7	20	70 - 130	
Ethylbenzene	MS	1100204-61	ND	36.465	40.000	ug/L		91.2		70 - 130	
	MSD	1100204-61	ND	38.216	40.000	ug/L	4.7	95.5	20	70 - 130	
Total Xylenes	MS	1100204-61	ND	106.44	120.00	ug/L		88.7		70 - 130	
	MSD	1100204-61	ND	111.67	120.00	ug/L	4.8	93.1	20	70 - 130	
Gasoline Range Organics (C4 - C12)	MS	1100204-61	ND	1057.9	1000.0	ug/L		106		70 - 130	
	MSD	1100204-61	ND	1089.2	1000.0	ug/L	2.9	109	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	MS	1100204-61	ND	33.084	40.000	ug/L		82.7		70 - 130	
	MSD	1100204-61	ND	36.415	40.000	ug/L	9.6	91.0		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1100204-61	ND	35.694	40.000	ug/L		89.2		70 - 130	
	MSD	1100204-61	ND	37.958	40.000	ug/L	6.1	94.9		70 - 130	
QC Batch ID: BUB0710	Used client sample: N										
Benzene	MS	1100204-79	ND	41.757	40.000	ug/L		104		70 - 130	
	MSD	1100204-79	ND	39.847	40.000	ug/L	4.7	99.6	20	70 - 130	
Toluene	MS	1100204-79	ND	40.693	40.000	ug/L		102		70 - 130	
	MSD	1100204-79	ND	39.050	40.000	ug/L	4.1	97.6	20	70 - 130	
Ethylbenzene	MS	1100204-79	ND	41.365	40.000	ug/L		103		70 - 130	
	MSD	1100204-79	ND	40.210	40.000	ug/L	2.8	101	20	70 - 130	
Total Xylenes	MS	1100204-79	ND	120.76	120.00	ug/L		101		70 - 130	
	MSD	1100204-79	ND	117.10	120.00	ug/L	3.1	97.6	20	70 - 130	
Gasoline Range Organics (C4 - C12)	MS	1100204-79	ND	1098.8	1000.0	ug/L		110		70 - 130	
	MSD	1100204-79	ND	1126.0	1000.0	ug/L	2.4	113	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	MS	1100204-79	ND	39.326	40.000	ug/L		98.3		70 - 130	
	MSD	1100204-79	ND	40.010	40.000	ug/L	1.7	100		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1100204-79	ND	38.866	40.000	ug/L		97.2		70 - 130	
	MSD	1100204-79	ND	38.919	40.000	ug/L	0.1	97.3		70 - 130	

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Project: 1156
Project Number: 4514508333
Project Manager: Anju Farfan

Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUB1043						
Diesel Range Organics (C12 - C24)	BUB1043-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BUB1043-BLK1	69.1	%	28 - 139 (LCL - UCL)		

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Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUB1043										
Diesel Range Organics (C12 - C24)	BUB1043-BS1	LCS	430.65	500.00	ug/L	86.1		48 - 125		
Tetracosane (Surrogate)	BUB1043-BS1	LCS	17.730	20.000	ug/L	88.6		28 - 139		

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Total Petroleum Hydrocarbons (Silica Gel Treated)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUB1043	Used client sample: N										
Diesel Range Organics (C12 - C24)	MS	1016633-88	ND	400.11	500.00	ug/L		80.0		36 - 130	
	MSD	1016633-88	ND	85.204	500.00	ug/L	130	17.0	30	36 - 130	Q02,Q03
Tetracosane (Surrogate)	MS	1016633-88	ND	17.175	20.000	ug/L		85.9		28 - 139	
	MSD	1016633-88	ND	3.3566	20.000	ug/L	135	16.8		28 - 139	Q03

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EPA Method 1664

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUB0814						
Oil and Grease	BUB0814-BLK1	ND	mg/L	5.0		

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EPA Method 1664

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BUB0814										
Oil and Grease	BUB0814-BS1	LCS	34.600	39.900	mg/L	86.7		78 - 114		

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EPA Method 1664

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BUB0814	Used client sample: N										
Oil and Grease	DUP	1101810-05	2.3000	ND		mg/L			18		Q01
	MS	1101810-05	2.3000	26.700	39.900	mg/L		61.2		78 - 114	Q03
	MSD	1101810-05	2.3000	32.750	39.900	mg/L	20.4	76.3	18	78 - 114	Q02,Q03

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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.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

STATEMENTS

Purge Water Disposal

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

Limitations

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