ConocoPhillips
76 Broadway
Sacramento, California 95818

RECEIVED

9:42 am, Jan 13, 2011
Alameda County
Environmental Health

December 16, 2010

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

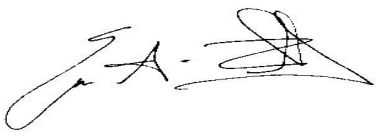
Re: **Report Transmittal**
Quarterly Summary Report
Fourth Quarter 2010
76 Service Station #1156
4276 MacArthur Boulevard
Oakland, California
Fuel leak Case No. RO0000409

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

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

December 16, 2011

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

RE: **Quarterly Summary Report**
Fourth Quarter 2010
Fuel Leak Case No. RO0000409

Dear Mr. Wickham:

On behalf of ConocoPhillips Company (COP), Antea Group (Antea) is submitting this *Quarterly Summary Report – Fourth Quarter 2010* and forwarding a copy of TRC Solutions, Inc. (TRC's) *Groundwater Monitoring Report – October through December 2010*, dated December 6, 2010, for the following location:

Service Station	**Location**
76 Service Station No. 1156	4276 MacArthur Blvd Oakland, California

Sincerely,
ANTEA GROUP

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

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

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

Inogen®

QUARTERLY SUMMARY REPORT
Fourth Quarter 2010
76 Service Station No. 1156
4276 MacArthur Boulevard
Oakland, California

SITE DESCRIPTION

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

PREVIOUS ASSESSMENT

In 1997, Pacific Environmental Group Inc. (PEG) advanced 5 soil/gas probes in the vicinity of the USTs, dispenser islands, and product lines to depths ranging from 3 to 15 feet below the ground surface (bgs). Elevated soil vapor concentrations of total petroleum hydrocarbons as gasoline (TPHg), benzene, and methyl tertiary butyl 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.

SENSITIVE RECEPTORS

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

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

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

MONITORING AND SAMPLING

The current sampling event was performed by TRC on November 1, 2010. 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 will be gauged quarterly, wells MW-

1B, MW-2B, MW-3B, and MW-4B will be 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).

During the most recent groundwater monitoring event, conducted on November 1, 2010, the depth to groundwater ranged from 3.92 feet (MW-5) to 11.27 feet (MW-2B) below top of casing (TOC). Average groundwater elevation decreased 0.57 feet from the previous sampling event (8/2/10), to 167.07 feet above mean sea level (MSL). The groundwater gradient and flow direction was interpreted to be 0.05 feet per foot to the west during the current sampling event. This is consistent with a gradient and flow direction of 0.07 ft/ft to the west during the previous sampling event. 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.

Contaminants of Concern:

TPHg: TPHg was above laboratory indicated reporting limits in groundwater samples collected from all of the four wells sampled with a maximum concentration of 990 µg/L, in monitoring well MW-3B. This is a significant decrease from a maximum concentration of 71,000 µg/L in MW-1 during the previous sampling event (8/2/10). 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 99 µg/L, 550 µg/L, and 230 µg/L, respectively, during the current sampling event.

TPHd: TPHd was above laboratory indicated reporting limits in groundwater samples collected from two of the four wells sampled with a maximum concentration of 58 µg/L, in monitoring well MW-3B. This is a significant decrease from a maximum concentration of 3,900 µg/L in MW-1 during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Well MW-2B was reported with a concentration of 57 µg/L during the current sampling event.

Benzene: Benzene was above laboratory indicated reporting limits in groundwater samples collected from three of the four wells sampled with a maximum concentration of 31 µg/L in monitoring well MW-3B. This is a significant decrease from a maximum concentration of 7,000 µg/L in MW-1 during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-1B and MW-3B were reported with concentrations of 3.0 µg/L and 7.8 µg/L, respectively, during the current sampling event.

Toluene: Toluene was above laboratory indicated reporting limits in groundwater samples collected from all of the four samples collected with a maximum concentration of 32 µg/L in MW-3B during the current sampling event. This is a significant decrease from a maximum concentration of 11,000 µg/L in MW-1 during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-2, MW-3, and MW-4 were reported with concentrations of 32 µg/L, 110 µg/L, and 3.4 µg/L, respectively, during the current sampling event.

Ethylbenzene: Ethylbenzene was above laboratory indicated reporting limits in groundwater samples collected from three of the four wells sampled with a maximum concentration of 47 µg/L in MW-3B during the current sampling event. This is a significant decrease from a maximum concentration of 3,300 µg/L in MW-1 during the previous sampling event.

The change in screened intervals in the onsite wells should be noted. Wells MW-2B and MW-4B were reported with concentrations of 2.1 µg/L and 1.3 µg/L, respectively, during the current sampling event.

Total Xylenes: Total Xylenes were above laboratory indicated reporting limits in groundwater samples collected from three of the four wells sampled with a maximum concentration of 50 µg/L in MW-3B during the current sampling event. This is a significant decrease from a maximum concentration of 10,000 µg/L in MW-1 during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-2B and MW-4B were reported with concentrations of 0.99 µg/L and 43 µg/L, respectively, during the current sampling event.

MTBE: MTBE was above laboratory indicated reporting limits in groundwater samples collected from all of the four wells sampled with a maximum concentration of 250 µg/L in MW-2B during the current sampling event. This is a decrease from a maximum concentration of 770 µg/L in MW-7 during the previous sampling event. The change in screened intervals in the onsite wells should be noted. Wells MW-1B, MW-3B, and MW-4B, were reported with concentrations of 30 µg/L, 46 µg/L, and 20 µg/L, respectively, during the current sampling event.

TBA: TBA was above laboratory indicated reporting limits in groundwater samples collected from one of the fours wells sampled with a maximum concentration of 2,000 µg/L in MW-2B during the current sampling event. TBA has not been previously analyzed.

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. Previously, only EDB and 1,2-DCA have been analyzed, with maximum concentrations of non-detection for EDB and 1.9 µg/L in MW-7 during the previous sampling event.

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.

REMEDIATION STATUS

No active remediation is presently ongoing at this site.

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

CHARACTERIZATION STATUS

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

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 99 µg/L and 58 µg/L, respectively, in MW-1B during fourth quarter 2010, 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.

RECENT CORRESPONDENCE

November 24, 2010: Letter from ACEH to COP providing comment on Delta's report Additional Assessment Report, dated October 21, 2010.

FOURTH QUARTER 2010 ACTIVITIES

1. TRC conducted the quarterly monitoring and sampling event at the site on November 1, 2010, and prepared and submitted their results in Groundwater Monitoring Report – October through December, dated December 6, 2010.

2. Antea Group prepared Quarterly Summary Report – Fourth Quarter 2010.

FIRST QUARTER 2011 ACTIVITIES

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

2. Due to global rebranding, Delta Consultants has become Antea Group.

REMARKS

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

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

CONSULTANT: **Antea Group**

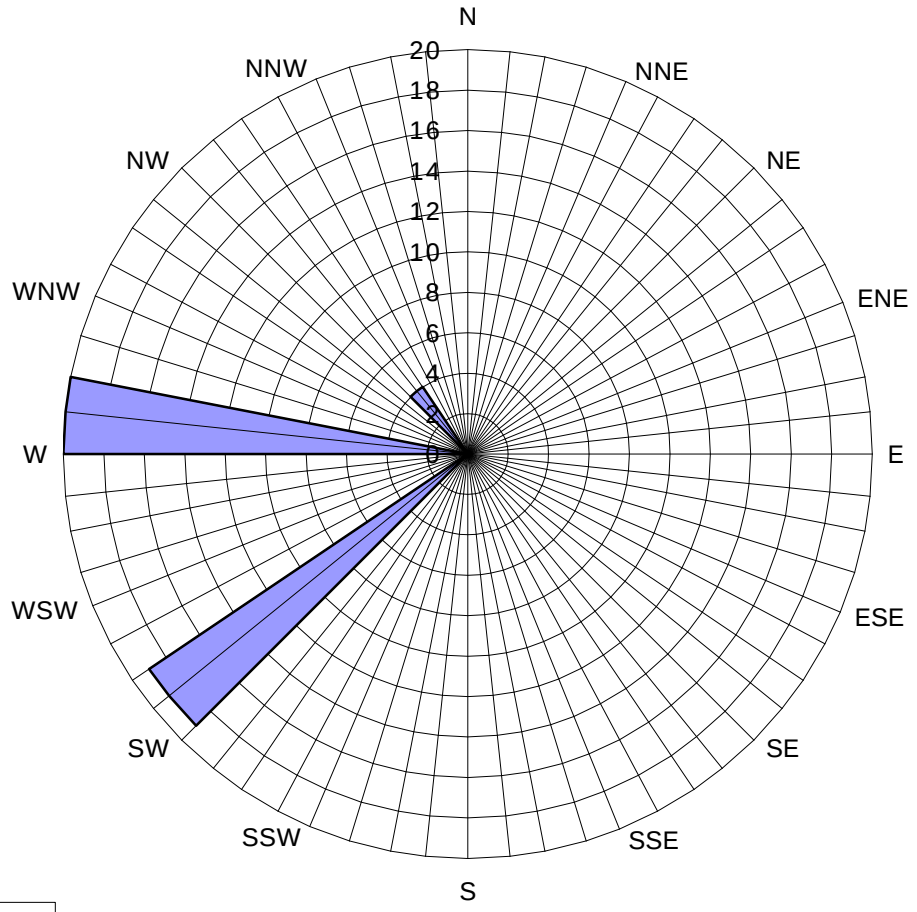
******

Attachment A – Historic Groundwater Flow Directions Rose Diagram
Attachment B – Groundwater Monitoring Report – October through December 2010

ATTACHMENT A

Historic Groundwater Flow Directions Rose Diagram

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



Legend
Concentric circles represent quarterly montoring events.
Third Quarter 1999 through Fourth Quarter 2010.
43 data points shown.

ATTACHMENT B
Groundwater Monitoring Report – October through

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: December 6, 2010

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
OCTOBER THROUGH DECEMBER 2010

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
20-0400/1156R27.QMS

GROUNDWATER MONITORING REPORT
OCTOBER THROUGH DECEMBER 2010

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: 12/3/10

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

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results 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 Station* Data Not Provided This Quarter
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 11/1/10 Groundwater Sampling Field Notes – 11/1/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2010 through December 2010
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: **11/1/2010**

Sample Points

Groundwater wells: **4** onsite, **2** offsite Points gauged: **6** Points sampled: **4**
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: **3.92 feet** Maximum: **11.27 feet**
Average groundwater elevation (relative to available local datum): **167.07 feet**
Average change in groundwater elevation since previous event: **-0.57 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.05 ft/ft, west**
Previous event: **0.07 ft/ft, west (8/2/2010)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **3** Sample Points above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **31 µg/l (MW-3B)**

Sample Points with **TPH-G** **4** Maximum: **990 µg/l (MW-3B)**
Sample Points with **MTBE 8260B** **4** Maximum: **250 µg/l (MW-2B)**

Notes:

MW-1=Abandoned, MW-2=Abandoned, MW-3=Abandoned, MW-4=Abandoned, MW-5=Sampled Q1 and Q3 only, MW-6=Abandoned, MW-7=Sampled Q1 and Q3 only, MW-8=Abandoned

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 2h	Well/ Date	Fluoran-thene	Fluorene	Hexa-chloro-benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro -ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dinitro-phenol	2-Methyl-naphtha-lene	2-Methyl-phenol	4-Methyl-phenol
Table 2i	Well/ Date	Naphtha-lene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi-n-propyl-amine	N-Nitro-sodiphenyl-amine	Penta-chloro-phenol	Phen-anthrene	Phenol
Table 2j	Well/ Date	Pyrene	1,2,4-Trichloro-benzene	2,4,6-Trichloro-phenol	2,4,5-Trichloro-phenol	Carbon (organic, total)	Chromium VI	Chromium (total)	Iron Ferrous	Manganese (dissolved)	Manganese (total)	Molyb-denum (total)	Molyb-denum (dissolved)
Table 2k	Well/ Date	Selenium (total)	Selenium (dissolved)	Vanadium (total)	Vanadium (dissolved)	Bromate	Bromide	Chloride	Nitrogen as Nitrate	Sulfate	Alkalinity (total)	Specific Con-ductance	Post-purge Dissolved Oxygen
Table 2l	Well/ Date	Pre-purge Dissolved Oxygen	Pre-purge ORP	Post-purge ORP									

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 1, 2010

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 5.0-25.0)**											
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
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	
MW-2			**(Screen Interval in feet: 5.0-25.0)**											
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	
MW-3			**(Screen Interval in feet: 5.0-25.0)**											
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	
MW-4			**(Screen Interval in feet: 5.0-25.0)**											
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	
MW-5			**(Screen Interval in feet: 5.0-25.0)**											
11/1/2010	169.18	3.92	0.00	165.26	-1.72	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-6			**(Screen Interval in feet: 5.0-25.0)**											
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-7			**(Screen Interval in feet: 5.0-25.0)**											
11/1/2010	172.11	6.97	0.00	165.14	0.58	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-8			**(Screen Interval in feet: 15.0-25.0)**											
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned

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												
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	0.93	2.80	121
MW-2B												
11/1/2010	57	2000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.06	1.30	113
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	--	0.60	1.89	125
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	--	0.63	1.31	77

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Post-purge ORP (mV)
MW-1B	
11/1/2010	111
MW-2B	
11/1/2010	115
MW-3B	
11/1/2010	117
MW-4B	
11/1/2010	83

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through November 2010

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
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 November 2010
76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
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 November 2010
76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
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	
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	
4/28/2004	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	

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

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
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	
8/2/2010	173.50	5.16	0.00	168.34	-0.83	1200	--	9.5	32	1.4	2.4	--	140	

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

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
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	
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	
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

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through November 2010
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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														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
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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														
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	
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through November 2010
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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														
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	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through November 2010
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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														
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	
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	
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	

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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														
4/6/2005	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	
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
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	

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-6 continued														
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	
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	

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

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
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	
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

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

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
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	
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	

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

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
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
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
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 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	--
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	--	--
10/7/2002	--	ND<20000	--	ND<100000000	ND<400	--	ND<400	ND<400	ND<400	ND<400	--	--

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												
1/6/2003	--	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	--	--
1/22/2009	ND<50	7400	--	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8015B) (mg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	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												
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	--	--
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	--	--
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	--	--

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												
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	--	--
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	--	--
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	--	--

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												
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	--	--
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	--	--

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												
7/23/2009	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	--	--
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	--	--
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	--	--

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												
4/13/2007	--	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	--	--	--	--	--
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	--	--
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	--	--

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-6 continued												
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	--	--
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	--	--

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												
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	--	--
2/1/2010	53	--	--	--	--	--	--	--	--	--	--	--
8/2/2010	ND<50	--	--	--	ND<0.50	--	1.9	--	--	--	--	--
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	--	--

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-8 continued												
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
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
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
MW-4												
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

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												
8/2/2010	--	--	--	--	--	--	--	--	--	--	--	0.57
MW-4B												
11/1/2010	--	--	--	--	--	--	--	--	--	--	--	0.63
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
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
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
2/1/2010	--	--	--	--	--	--	--	--	--	--	--	2.94

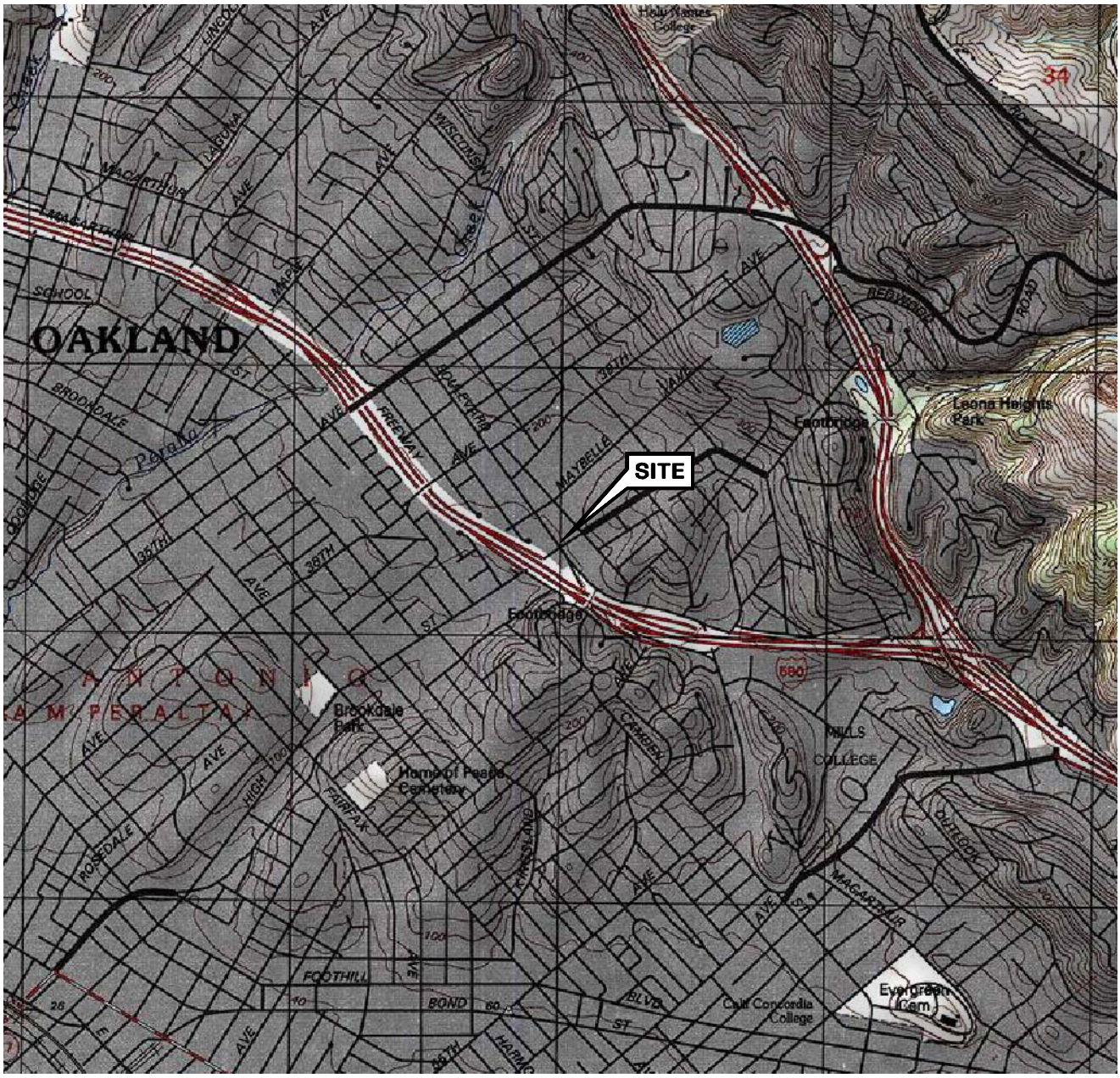
Table 2 l
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 1156

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
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
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
MW-4			
4/13/2009	0.51	-67	-46
7/23/2009	2.10	-28	-48

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 continued			
2/1/2010	1.67	-76	-70
8/2/2010	0.74	-94	-64
MW-4B			
11/1/2010	1.31	77	83
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
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
MW-8			
4/13/2009	2.56	-70	-48
7/23/2009	4.57	196	185
2/1/2010	3.17	-17	-16

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

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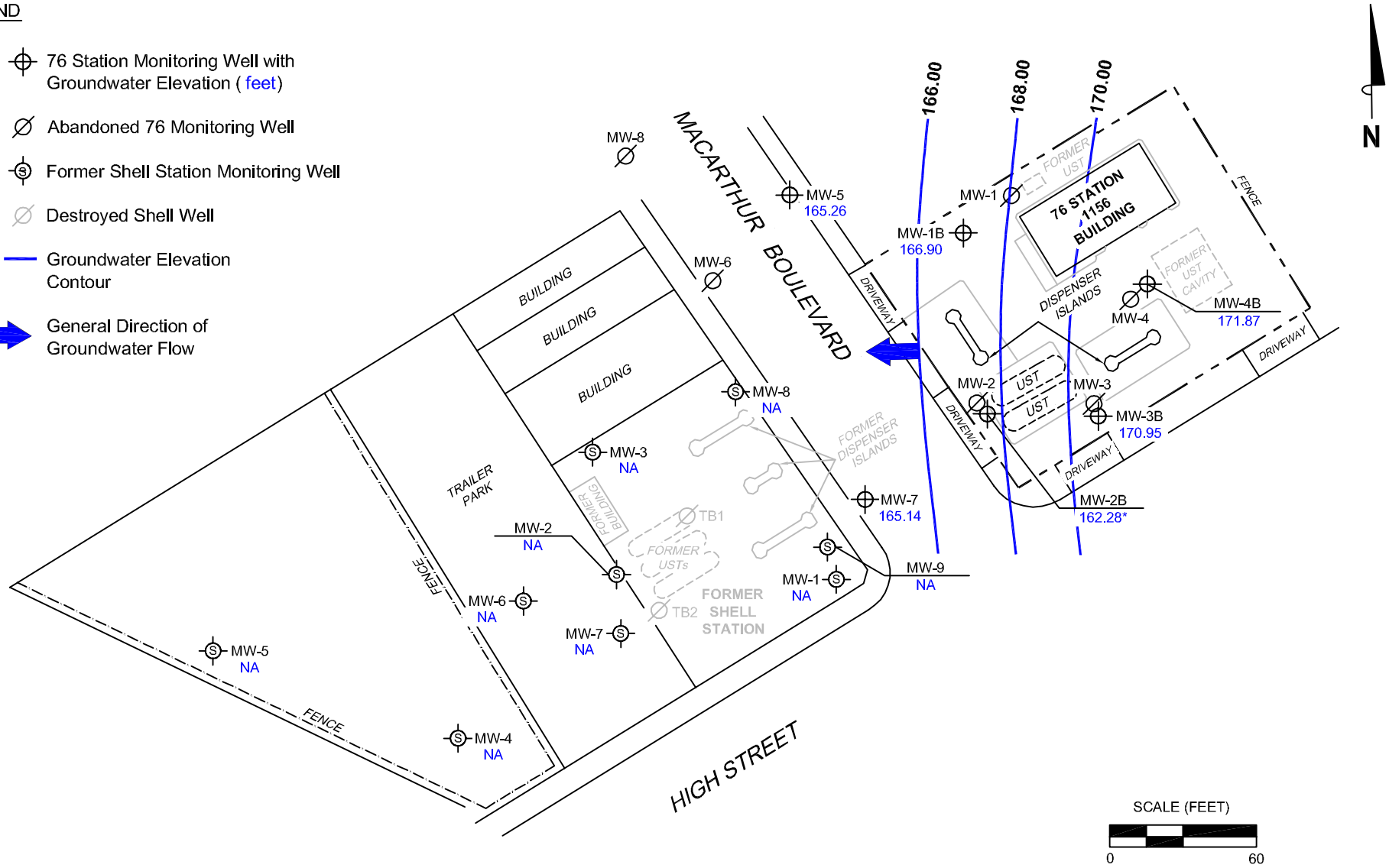


NOTES:

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

TRC

PROJECT: 173845

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
November 1, 2010

FIGURE 2

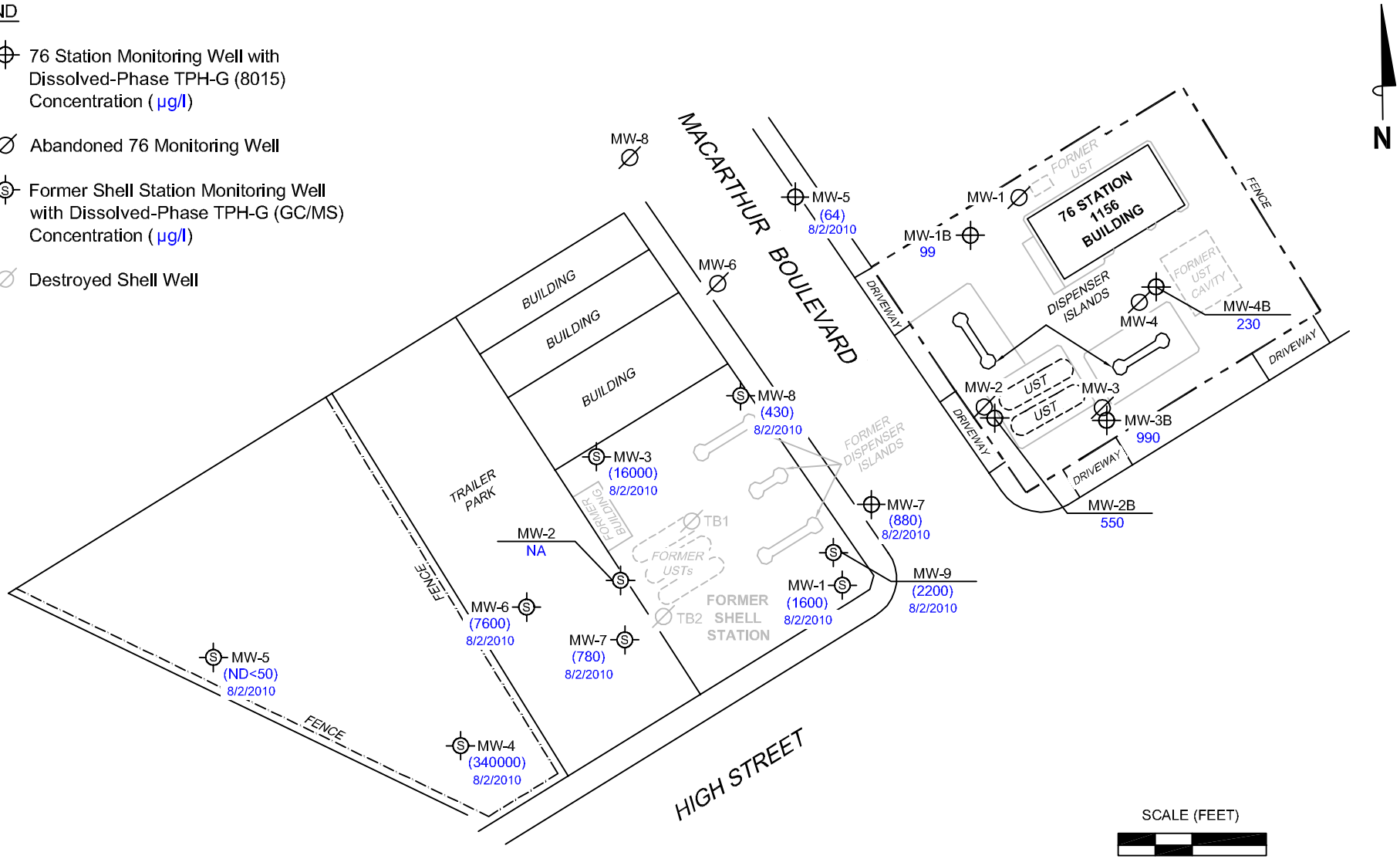
LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Dissolved-Phase TPH-G (8015) Concentration (µg/l)

MW-8 ∅ Abandoned 76 Monitoring Well

MW-9 ⊕(S) Former Shell Station Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

TB2 ∅ Destroyed Shell Well



NOTES:

TPH-G (8015) = total petroleum hydrocarbons as gasoline; results obtained using EPA Method 8015. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. ( ) = representative historical value. 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.

TRC

PROJECT: 173845

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
November 1, 2010

FIGURE 3

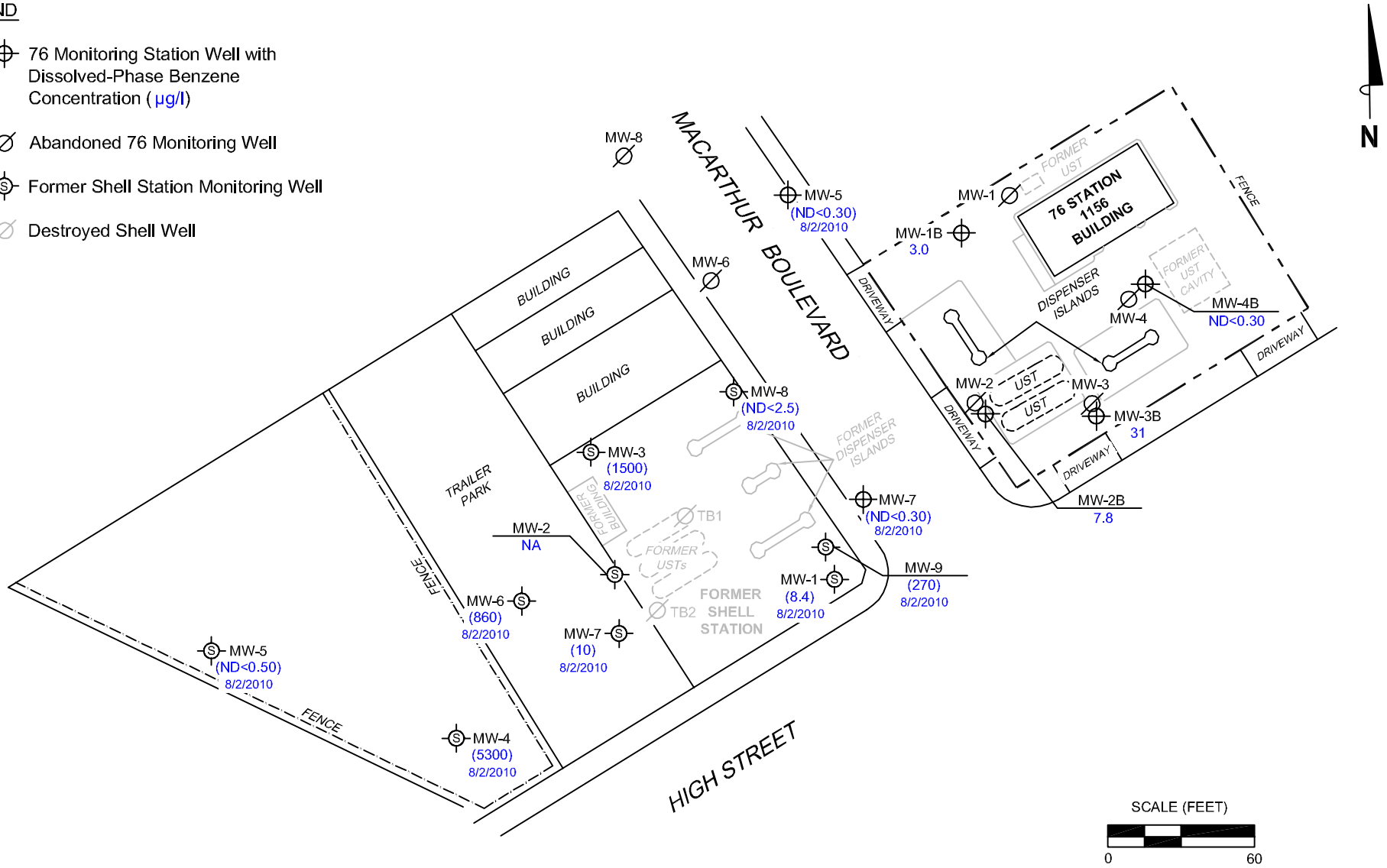
LEGEND

MW-7 ⊕ 76 Monitoring Station Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-8 ∅ Abandoned 76 Monitoring Well

MW-9 ⊕Ⓢ Former Shell Station Monitoring Well

TB2 ∅ Destroyed Shell Well



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. ( ) = representative historical data. UST = underground storage tank. Former Shell Station data provided by CRA.

TRC

PROJECT: 173845

FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
November 1, 2010

FIGURE 4

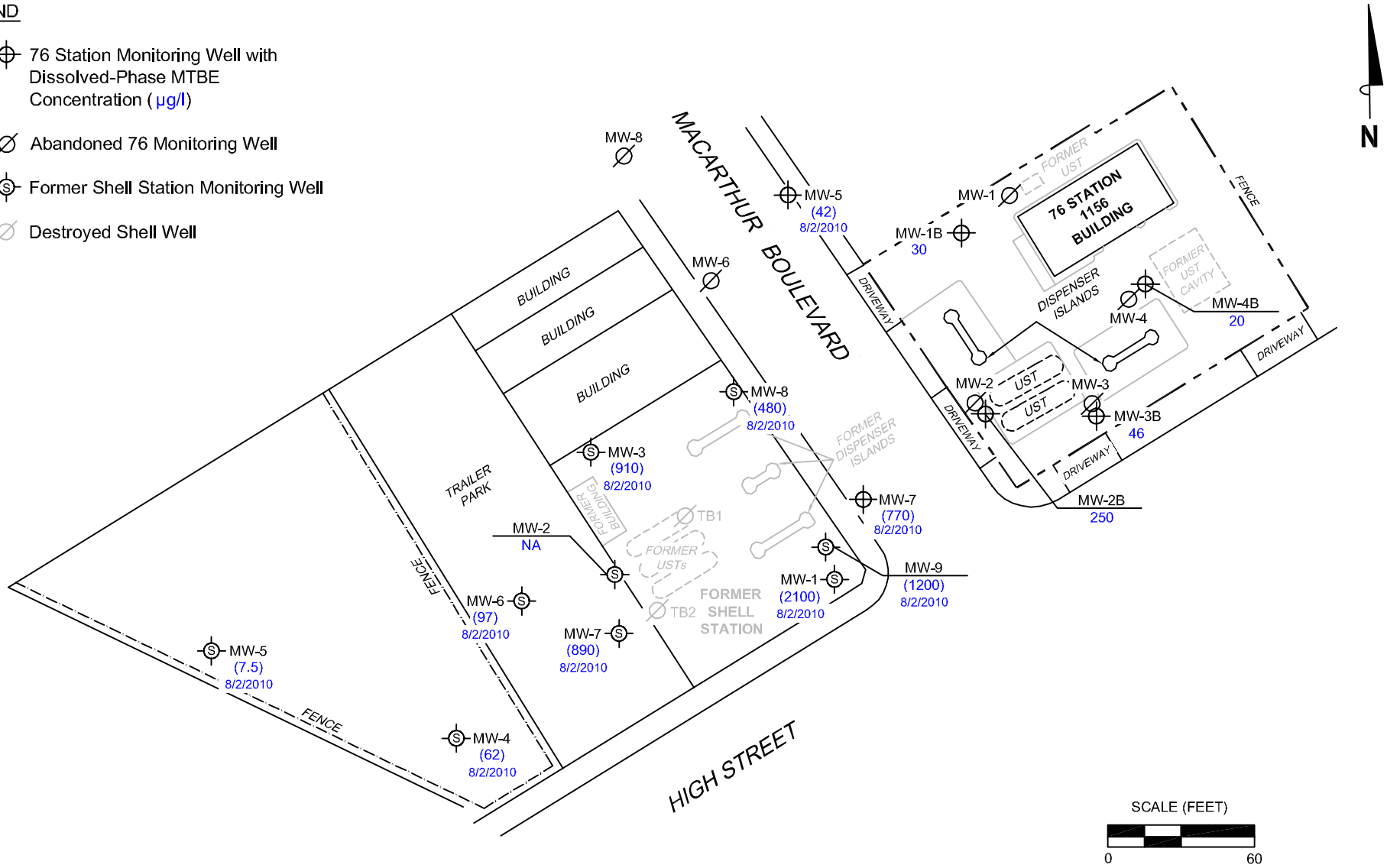
LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-8 ∅ Abandoned 76 Monitoring Well

MW-9 ⊕(S) Former Shell Station Monitoring Well

TB2 ∅ Destroyed Shell Well



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. NA = not analyzed, measured, or collected. ( ) = representative historical value. UST = underground storage tank. Former Shell Station data provided by CRA. Results obtained using EPA Method 8260B.

TRC

PROJECT: 173845

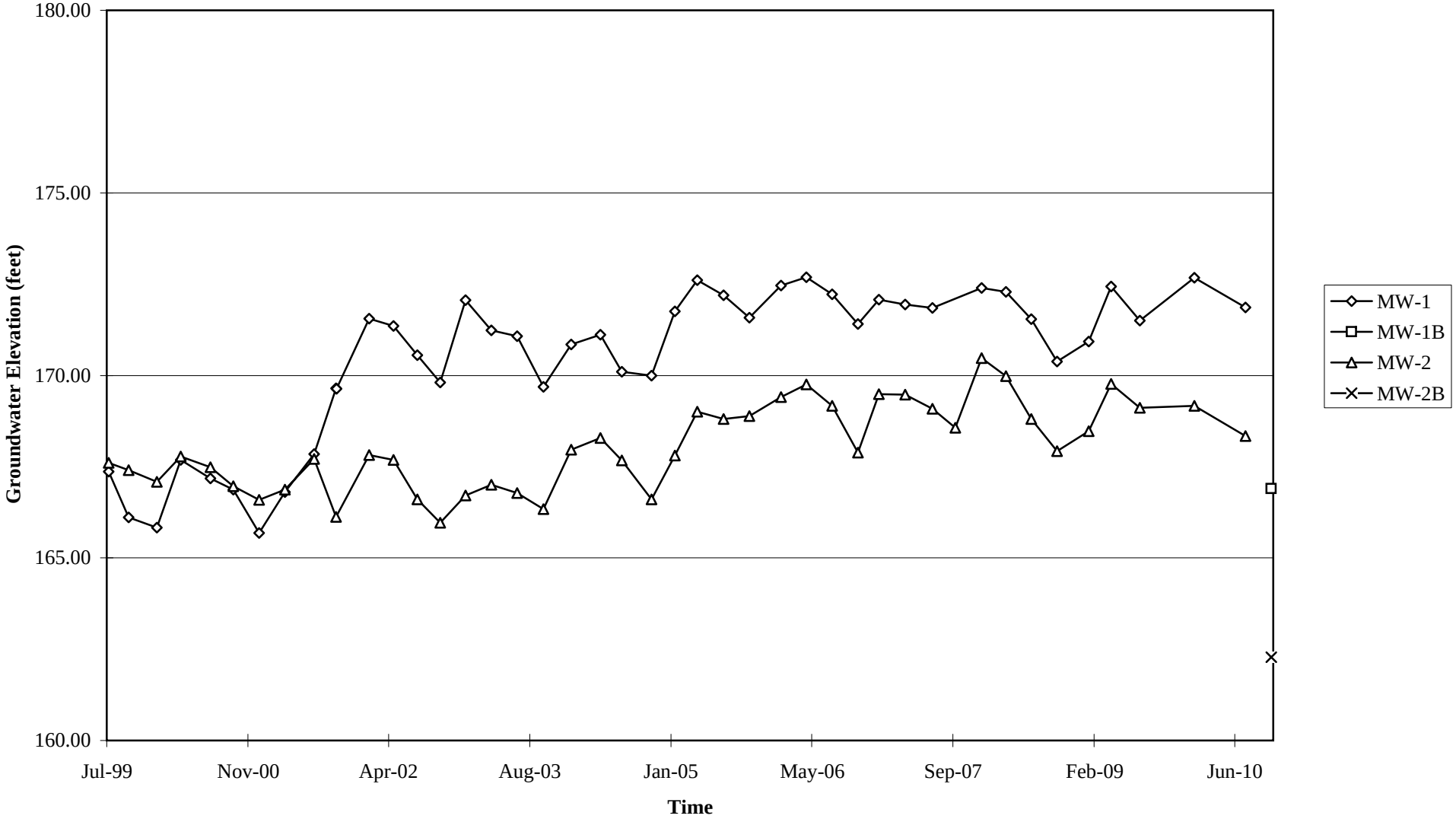
FACILITY:
76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
November 1, 2010

FIGURE 5

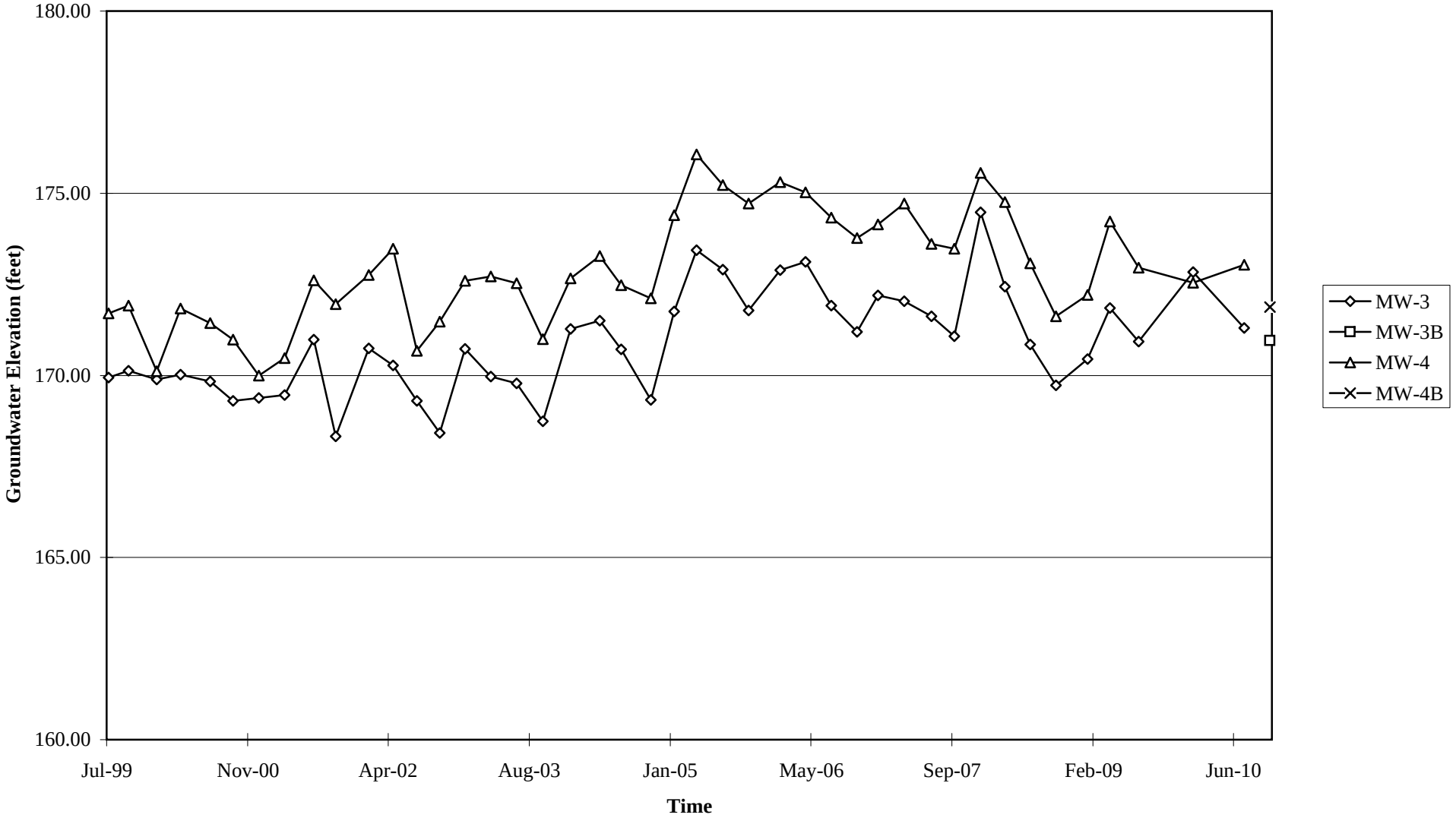
GRAPHS

Groundwater Elevations vs. Time
76 Station 1156



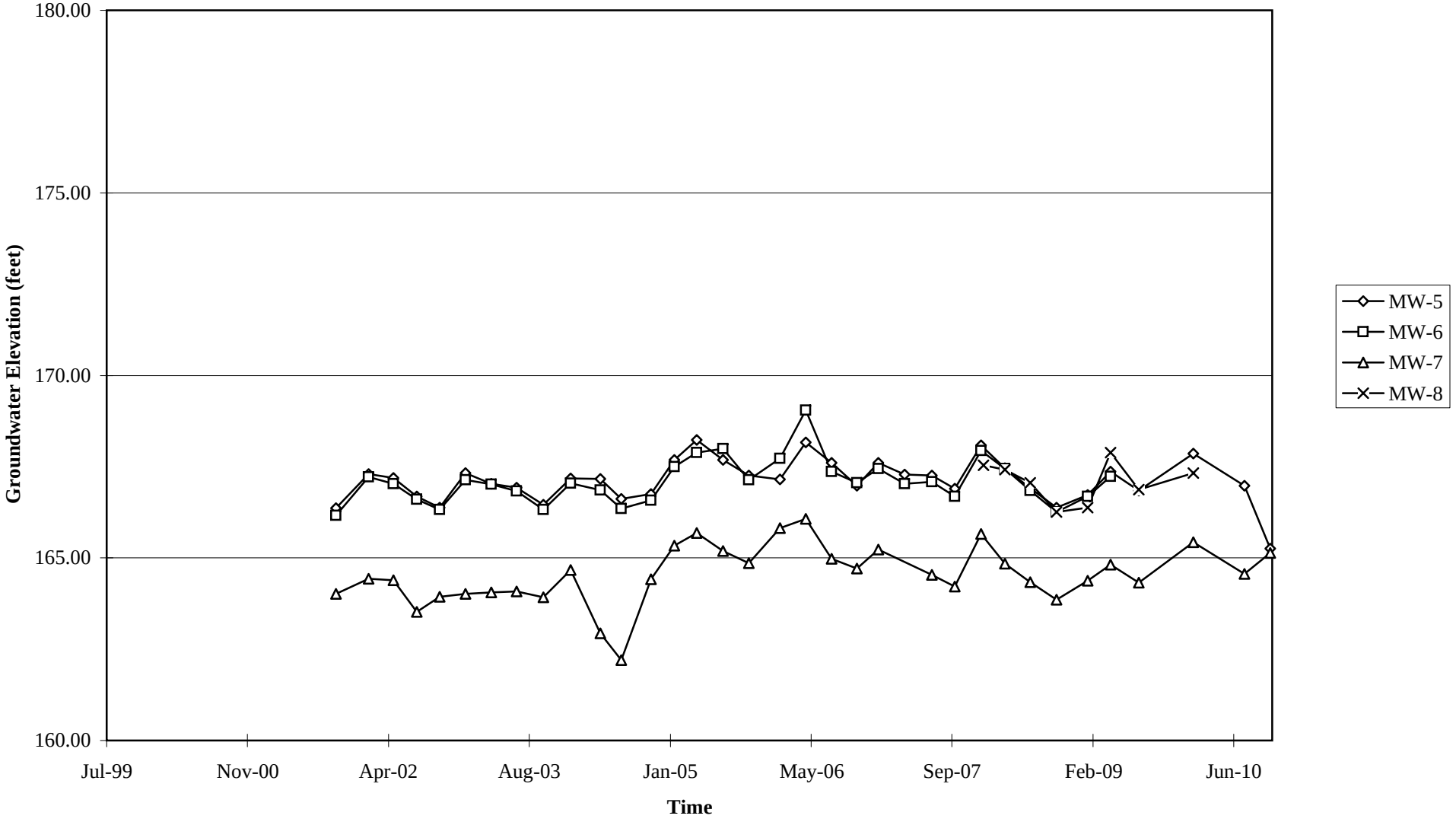
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 1156



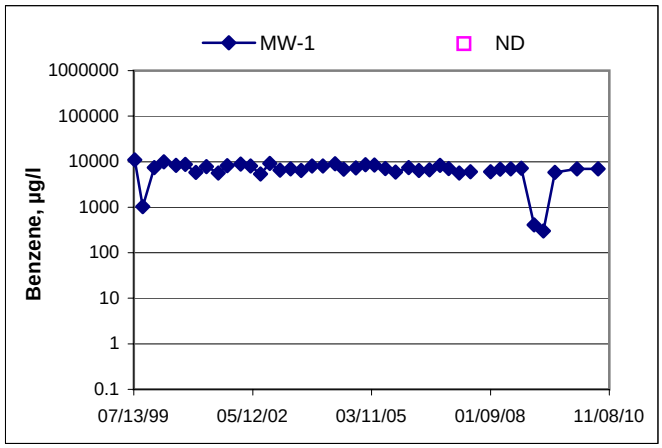
Elevations may have been corrected for apparent changes due to resurvey

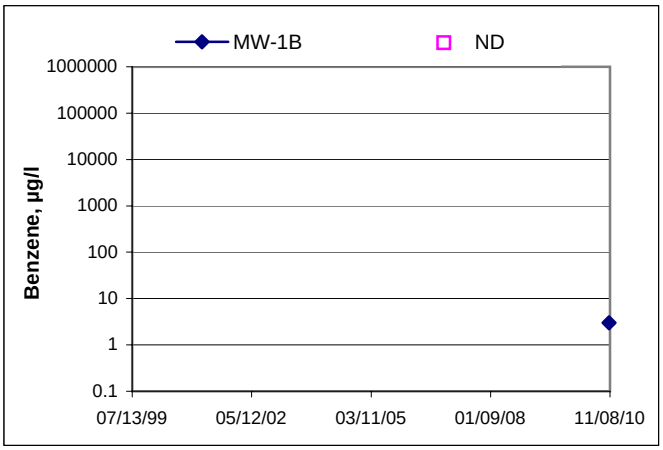
Groundwater Elevations vs. Time
76 Station 1156

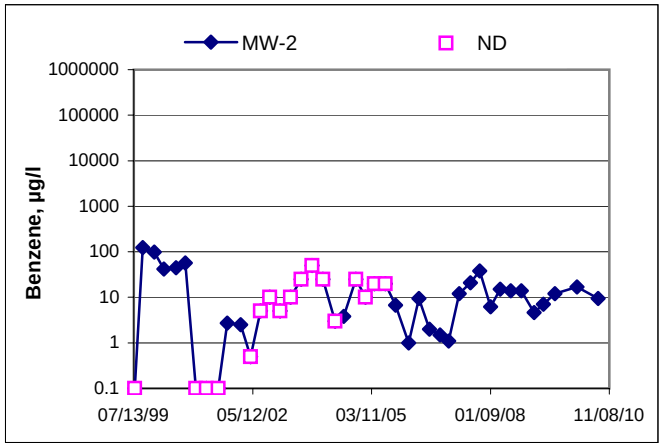


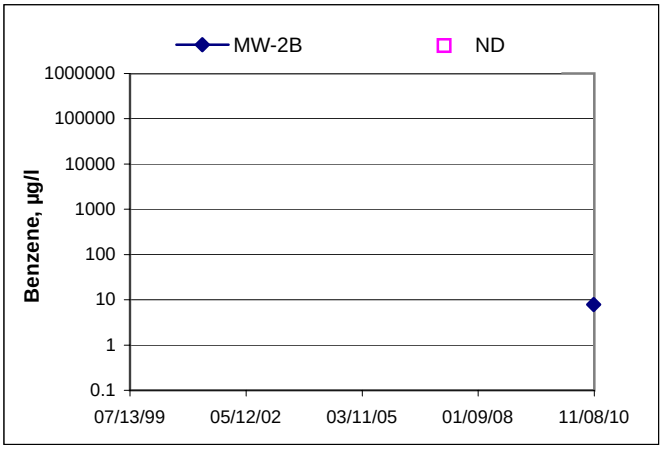
Elevations may have been corrected for apparent changes due to resurvey

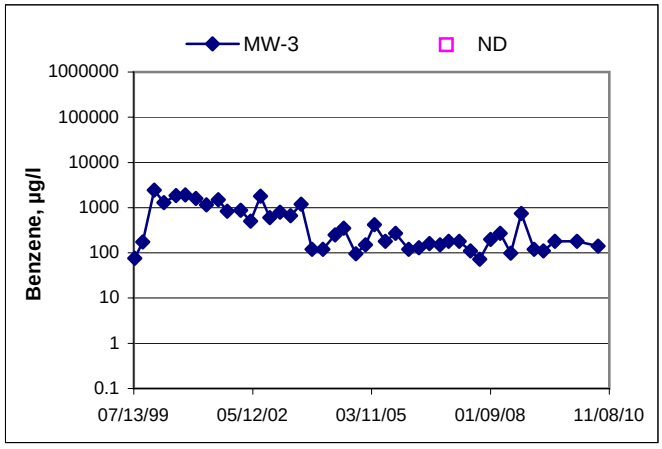
Benzene Concentrations vs Time
76 Station 1156

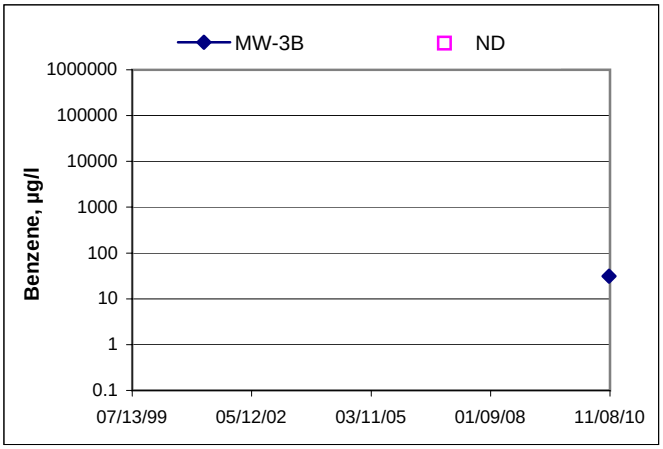


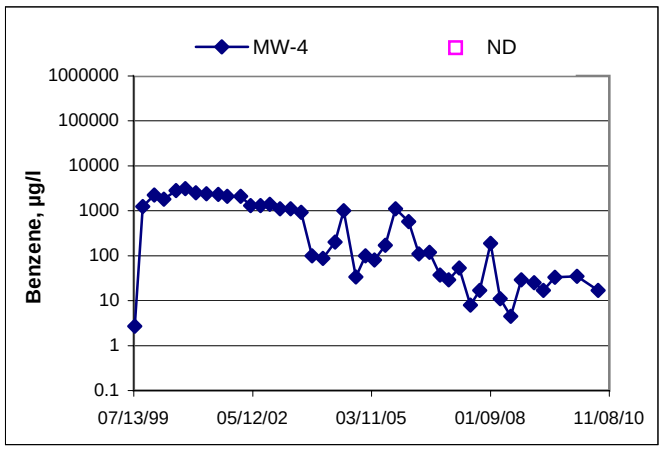


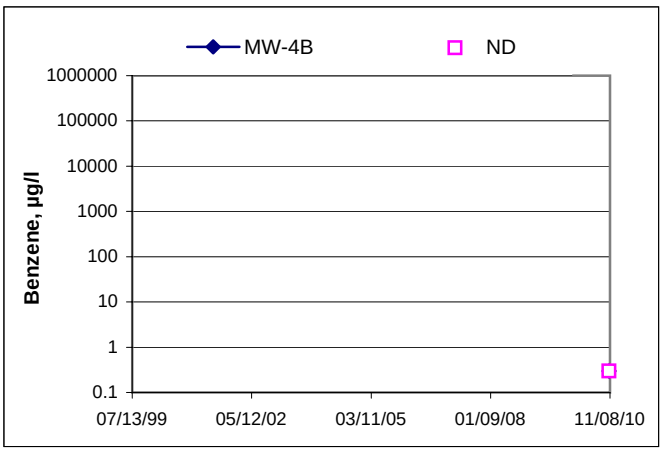






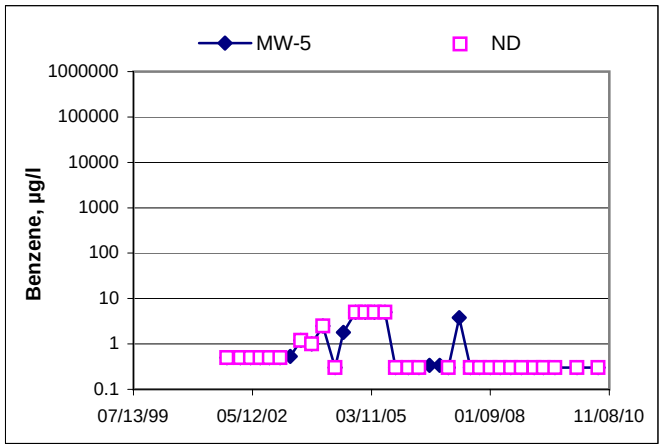


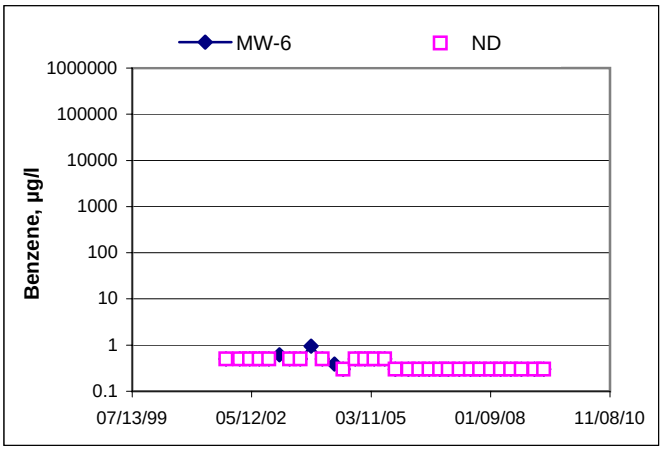


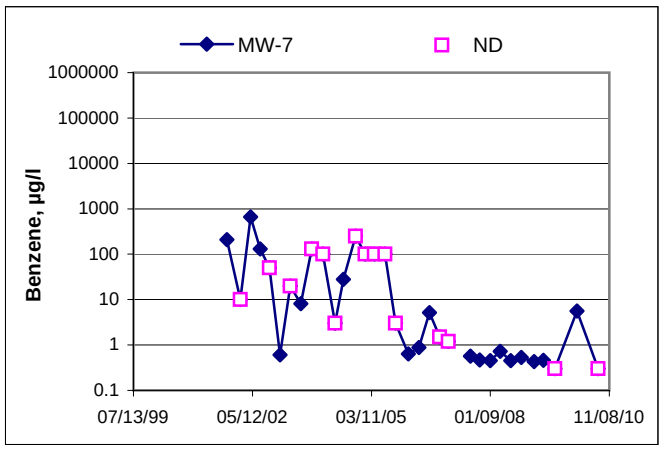


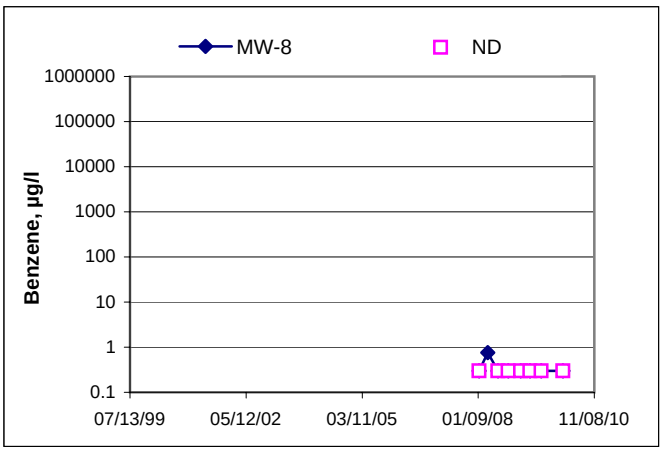
Benzene Concentrations vs Time

76 Station 1156

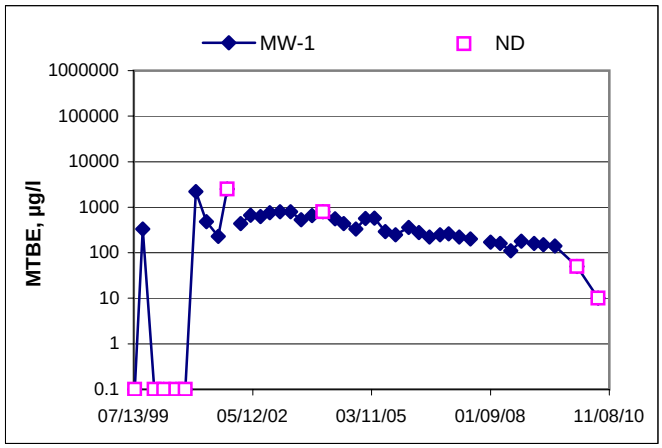


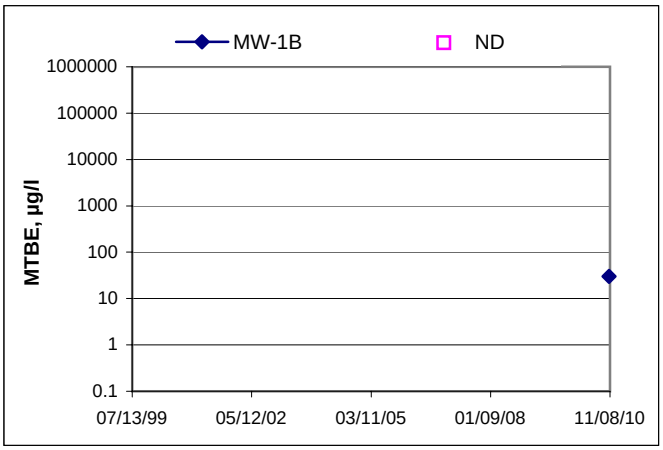


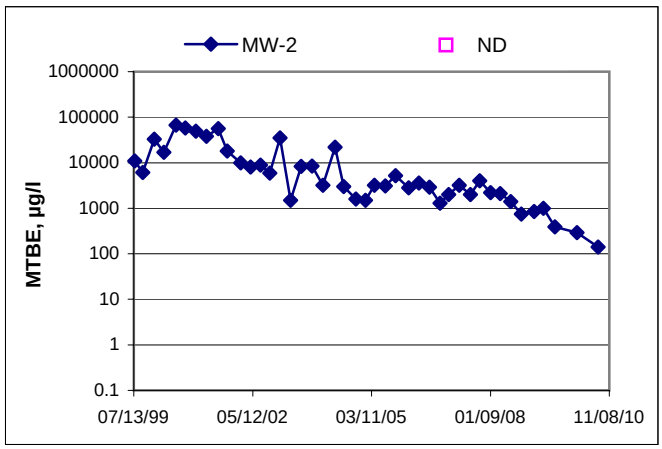


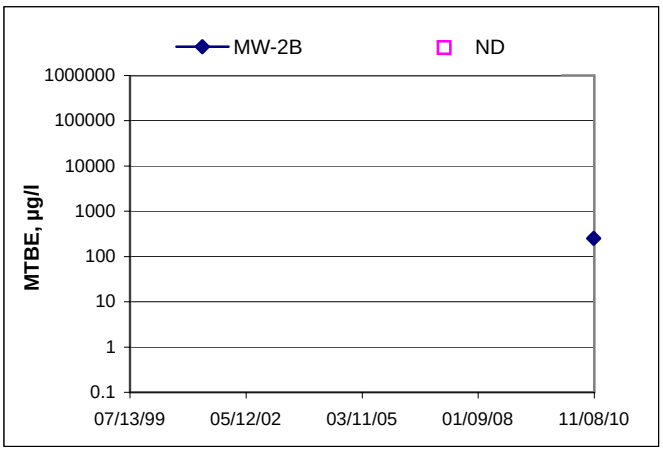


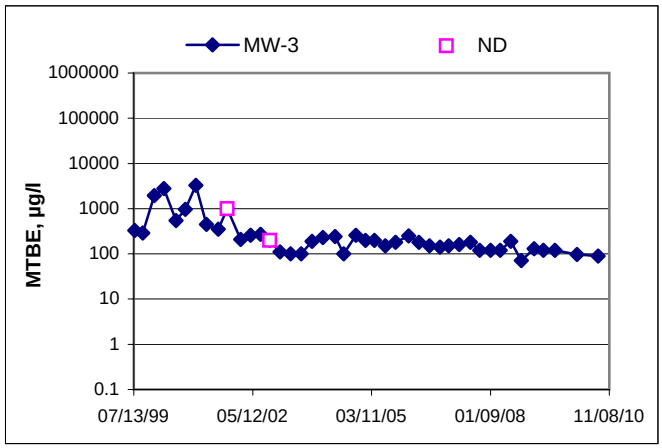
MTBE Concentrations vs Time
76 Station 1156

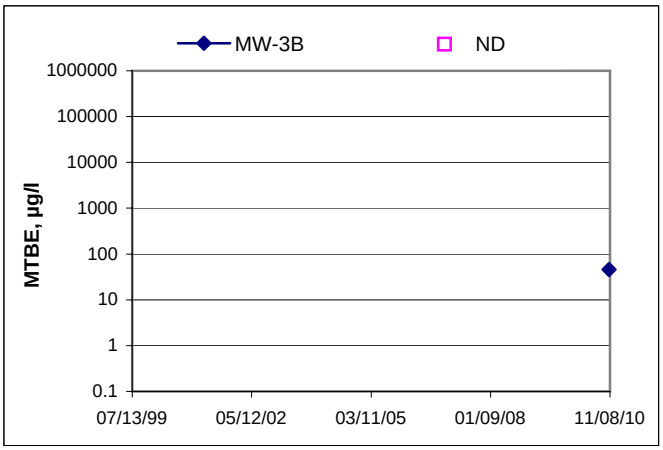


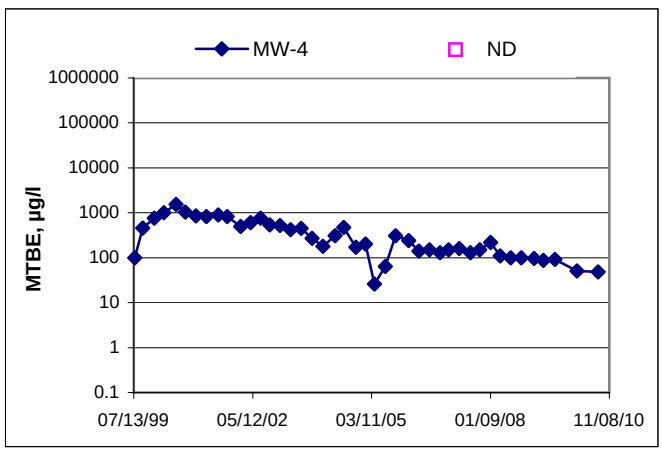


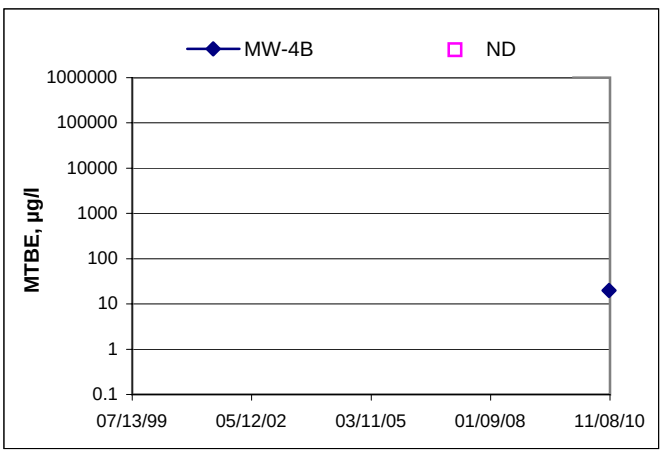




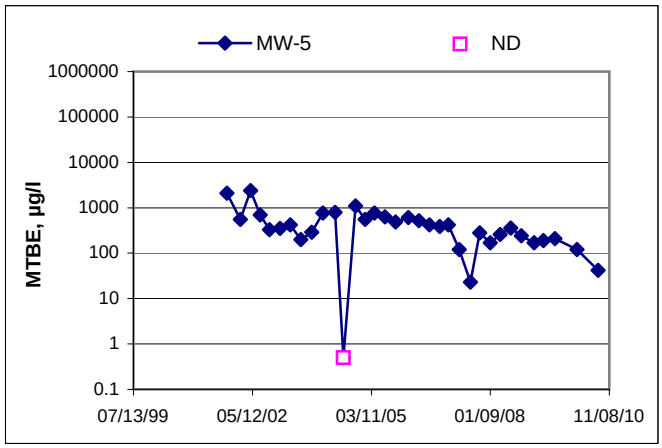


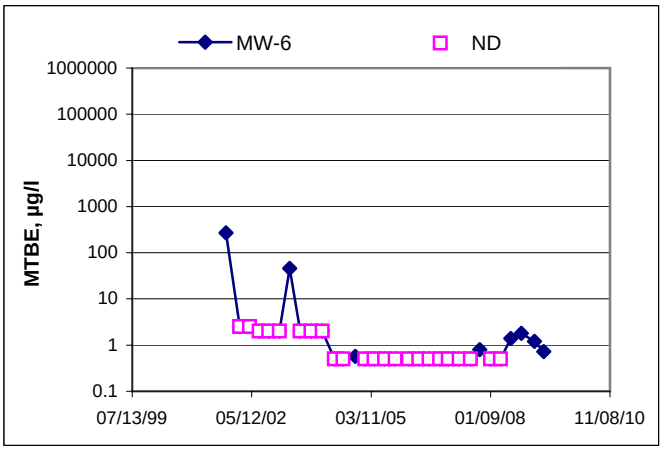


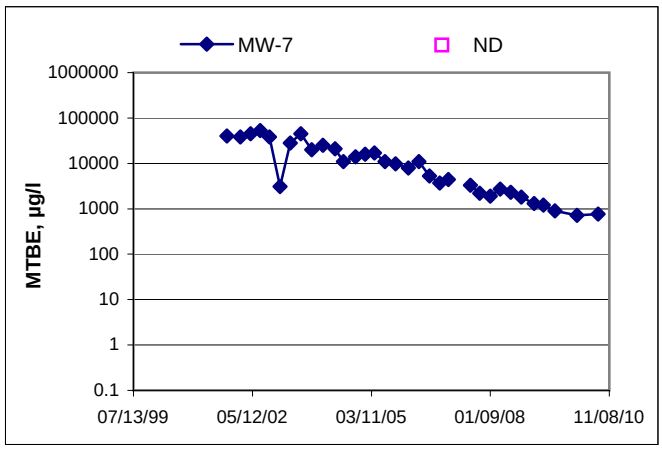


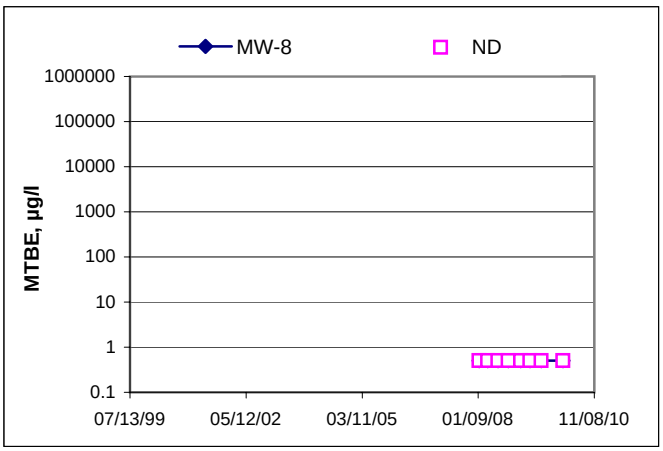


MTBE Concentrations vs Time
76 Station 1156









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: Basilio Job #/Task #: 173845 - FA20 Date: 11-1-10

Site # 1156 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4B	✓	0615	24.85	7.20	—	—	0920	2"
MW-3B	✓	0624	24.90	6.82	—	—	0935	2"
MW-2B	✓	0633	24.93	11.27	—	—	1002	2"
MW-1B	✓	0640	24.98	7.15	—	—	0847	2"
MW-5	✓	0652	25.38	3.92	—	—	N/S	2" Monitor
MW-7	✓	0709	23.97	6.97	—	—	N/S	2" "

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailin

Site: 1156 Project No.: 173845 Date: 11-1-10

Well No. MW-4B Purge Method: SUB

Depth to Water (feet): 7.20 Depth to Product (feet): —

Total Depth (feet) 24.85 LPH & Water Recovered (gallons): —

Water Column (feet): 17.65 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.73 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							1.31	77	
0742			3	626.8	16.8	9.12	0.97	48	
			6	624.1	18.5	8.64	0.78	66	
	0748		9	698.4	18.9	8.14	0.63	83	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.35	9	0920

Comments:

Well No. MW-3B Purge Method: SUB

Depth to Water (feet): 6.82 Depth to Product (feet): —

Total Depth (feet) 24.90 LPH & Water Recovered (gallons): —

Water Column (feet): 18.08 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.43 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							1.89	125	
0756			3	801.9	18.8	6.95	0.73	126	
			6	806.1	18.6	6.86	0.62	122	
	0802		9	825.4	19.2	6.73	0.60	117	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.36	9	0935

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basil

Site: 1154 Project No.: 173845 Date: 11-1-10

Well No. MW-2B Purge Method: Sub

Depth to Water (feet): 11.27 Depth to Product (feet): —

Total Depth (feet) 24.93 LPH & Water Recovered (gallons): —

Water Column (feet): 13.66 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 14.00 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							1.30	113	
0812			3	735.2	18.7	6.73	0.94	114	
	0818		6	701.1	19.2	6.62	1.06	115	
~~1120~~			9	—	—	—	—	—	

Static at Time Sampled	Total Gallons Purged	Sample Time
12.50	6	1002

Comments: Dry at 6 Gls. Did not recover 45 Min

Well No. MW-13 Purge Method: Sub

Depth to Water (feet): 7.15 Depth to Product (feet): —

Total Depth (feet) 24.98 LPH & Water Recovered (gallons): —

Water Column (feet): 17.83 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.71 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							2.80	121	
0827			3	730.8	19.4	6.99	1.55	101	
			6	735.4	20.1	~~6.96~~ 6.96	1.35	105	
	0834		9	776.2	20.3	~~6.96~~ 6.96	0.93	111	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.72	9	0847

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 11/19/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 1156
BC Work Order: 1015491
Invoice ID: B090324

Enclosed are the results of analyses for samples received by the laboratory on 11/2/2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

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

CHAIN OF CUSTODY

10-15491

Analysis Requested

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 # 01112-45130289/3
State: CA Zip:	Project #: 173845
Conoco Phillips Mgr: Bill Bourgh	Sampler Name: Banks

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M, BTEX by 8021	TPH DIESEL by 8015 w/silica gel cleanup	8260 full list w/ oxygenates	[redacted]/MTBE/OXYS BY 8260B	ETHANOL by 8260B, EDB/EDC by 8260B	TPH -G by GC/MS	TPG by 1664			Turnaround Time Requested
-1		MW-4B	11-1-10 0920	8		X	X		X	X					STD
-2		MW-3B	0935	8		↓	↓		↓	↓					↓
-3		MW-2B	1002	8		↓	↓		↓	↓		X			↓
-4		MW-1B	0847	10		↓	↓		↓	↓		↓			↓

CHK IN / LIST / DISTRIBUTION / SUB-OUT

Comments:	Relinquished by: (Signature)	Received by: Ross Dicky	Date & Time 11.2.10 1420
GLOBAL ID: T0600102279	Relinquished by: (Signature) Ross Dicky 11.2.10	Received by: R Rhyne	Date & Time 11.2.10 1815
	Relinquished by: (Signature) R Rhyne 11.2.10 2125	Received by:	Date & Time 11/2/10 2125

Chain of Custody and Cooler Receipt Form for 1015491 Page 2 of 2

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

Submission #: 10-15491

SHIPPING INFORMATION	SHIPPING CONTAINER
Federal Express ☐ UPS ☐ Hand Delivery ☐	Ice Chest ☒ None ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____	Box ☐ Other ☐ (Specify)_____

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

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

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

COC Received ☒ YES ☐ NO

Emissivity: 0.98 Container: QTA Thermometer ID: #163

Temperature: A 3.3 °C / C 3.3 °C

Date/Time 10/2/10 2130

Analyst Init: JRW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
Inc. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A-16	A-16	A-16	A-16						
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER	BC	BC	BC	BDE						
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: _____ Date/Time: 11/3/10 2030

A = Actual / C = Corrected

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

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1015491-01	**COC Number:**	---	**Receive Date:** 11/02/2010 21:25
	Project Number:	1156	**Sampling Date:** 11/01/2010 09:20
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-4B	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-4B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1015491-02	**COC Number:**	---	**Receive Date:** 11/02/2010 21:25
	Project Number:	1156	**Sampling Date:** 11/01/2010 09:35
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-3B	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-3B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1015491-03	**COC Number:**	---	**Receive Date:** 11/02/2010 21:25
	Project Number:	1156	**Sampling Date:** 11/01/2010 10:02
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-2B	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-2B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1015491-04	**COC Number:**	---	**Receive Date:** 11/02/2010 21:25
	Project Number:	1156	**Sampling Date:** 11/01/2010 08:47
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1B	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600102279
			Location ID (FieldPoint): MW-1B
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015491-01 | **Client Sample Name:** 1156, MW-4B, 11/1/2010 9:20:00AM

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	**20**	**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)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/04/10	11/05/10 03:39	KEA	MS-V12	1	BTK0376

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1015491-01 | **Client Sample Name:** 1156, MW-4B, 11/1/2010 9:20:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	**2.1**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	**1.3**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Total Xylenes	**43**	**ug/L**	**0.60**	**EPA-8021**	**ND**		1
Gasoline Range Organics (C4 - C12)	**230**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	110	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	96.4	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	11/09/10	11/09/10 14:28	jjh	GC-V4	1	BTK0733
2	Luft	11/09/10	11/09/10 14:28	jjh	GC-V4	1	BTK0733

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1015491-01 | **Client Sample Name:** 1156, MW-4B, 11/1/2010 9:20:00AM

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)	45.8	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	11/12/10	11/19/10 07:01	MWB	GC-5	0.980	BTK1525

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015491-02 | **Client Sample Name:** 1156, MW-3B, 11/1/2010 9:35:00AM

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	**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	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)	100	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/04/10	11/05/10 03:21	KEA	MS-V12	1	BTK0376

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 11/19/2010 12:47
Project: 1156
Project Number: 4513028913
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1015491-02 | **Client Sample Name:** 1156, MW-3B, 11/1/2010 9:35:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**31**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**32**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	**47**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Total Xylenes	**50**	**ug/L**	**0.60**	**EPA-8021**	**ND**		1
Gasoline Range Organics (C4 - C12)	**990**	**ug/L**	**250**	**Luft**	**ND**	**A01**	2
a,a,a-Trifluorotoluene (PID Surrogate)	122	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	91.6	%	70 - 130 (LCL - UCL)	Luft			2
a,a,a-Trifluorotoluene (FID Surrogate)	124	%	70 - 130 (LCL - UCL)	Luft			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	11/09/10	11/09/10 14:51	jjh	GC-V4	1	BTK0733
2	Luft	11/09/10	11/10/10 10:32	jjh	GC-V4	5	BTK0733
3	Luft	11/09/10	11/09/10 14:51	jjh	GC-V4	1	BTK0733

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1015491-02 | **Client Sample Name:** 1156, MW-3B, 11/1/2010 9:35:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**58**	**ug/L**	**50**	**Luft/TPHd**	**ND**		1
Tetracosane (Surrogate)	52.5	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	11/12/10	11/19/10 07:15	MWB	GC-5	0.950	BTK1525

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015491-03 | **Client Sample Name:** 1156, MW-2B, 11/1/2010 10:02:00AM

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	**250**	**ug/L**	**2.5**	**EPA-8260**	**ND**	**A01**	2
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	**2000**	**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)	99.7	%	76 - 114 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	98.1	%	86 - 115 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/04/10	11/05/10 03:02	KEA	MS-V12	1	BTK0376
2	EPA-8260	11/04/10	11/05/10 10:40	KEA	MS-V12	5	BTK0376

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1015491-03 | **Client Sample Name:** 1156, MW-2B, 11/1/2010 10:02:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**7.8**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**2.7**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Ethylbenzene	**2.1**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Total Xylenes	**0.99**	**ug/L**	**0.60**	**EPA-8021**	**ND**		1
Gasoline Range Organics (C4 - C12)	**550**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	103	%	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	11/09/10	11/09/10 15:12	jjh	GC-V4	1	BTK0733
2	Luft	11/09/10	11/09/10 15:12	jjh	GC-V4	1	BTK0733

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1015491-03 | **Client Sample Name:** 1156, MW-2B, 11/1/2010 10:02:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**57**	**ug/L**	**50**	**Luft/TPHd**	**ND**	**A52**	1
Tetracosane (Surrogate)	50.2	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	11/12/10	11/19/10 07:58	MWB	GC-5	1	BTK1525

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1015491-04 | **Client Sample Name:** 1156, MW-1B, 11/1/2010 8:47:00AM

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)	101	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.8	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	11/04/10	11/05/10 02:44	KEA	MS-V12	1	BTK0376

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1015491-04 | **Client Sample Name:** 1156, MW-1B, 11/1/2010 8:47:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**3.0**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	**0.30**	**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)	**99**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	93.9	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	93.0	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	11/09/10	11/09/10 15:34	jjh	GC-V4	1	BTK0733
2	Luft	11/09/10	11/09/10 15:34	jjh	GC-V4	1	BTK0733

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Total Petroleum Hydrocarbons (Silica Gel Treated)

BCL Sample ID: 1015491-04 | **Client Sample Name:** 1156, MW-1B, 11/1/2010 8:47:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	ug/L	50	Luft/TPHd	ND	A52	1
Tetracosane (Surrogate)	32.2	%	28 - 139 (LCL - UCL)	Luft/TPHd			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft/TPHd	11/12/10	11/19/10 08:12	MWB	GC-5	1	BTK1525

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EPA Method 1664

BCL Sample ID: 1015491-04 | **Client Sample Name:** 1156, MW-1B, 11/1/2010 8:47:00AM

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	11/12/10	11/16/10 11:03	JAK	MAN-SV	1	BTK1196

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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: BTK0376						
1,2-Dibromoethane	BTK0376-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTK0376-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTK0376-BLK1	ND	ug/L	0.50		
t-Amyl Methyl ether	BTK0376-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BTK0376-BLK1	ND	ug/L	10		
Diisopropyl ether	BTK0376-BLK1	ND	ug/L	0.50		
Ethanol	BTK0376-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BTK0376-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BTK0376-BLK1	98.4	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTK0376-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTK0376-BLK1	99.8	%	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: BTK0376										
1,2-Dichloroethane-d4 (Surrogate)	BTK0376-BS1	LCS	9.8900	10.000	ug/L	98.9		76 - 114		
Toluene-d8 (Surrogate)	BTK0376-BS1	LCS	10.180	10.000	ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTK0376-BS1	LCS	10.170	10.000	ug/L	102		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: BTK0376	Used client sample: N										
1,2-Dichloroethane-d4 (Surrogate)	MS	1015011-33	ND	10.030	10.000	ug/L		100		76 - 114	
	MSD	1015011-33	ND	10.020	10.000	ug/L	0.1	100		76 - 114	
Toluene-d8 (Surrogate)	MS	1015011-33	ND	10.250	10.000	ug/L		102		88 - 110	
	MSD	1015011-33	ND	10.170	10.000	ug/L	0.8	102		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1015011-33	ND	10.030	10.000	ug/L		100		86 - 115	
	MSD	1015011-33	ND	10.010	10.000	ug/L	0.2	100		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: BTK0733						
Benzene	BTK0733-BLK1	ND	ug/L	0.30		
Toluene	BTK0733-BLK1	ND	ug/L	0.30		
Ethylbenzene	BTK0733-BLK1	ND	ug/L	0.30		
Total Xylenes	BTK0733-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BTK0733-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BTK0733-BLK1	104	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BTK0733-BLK1	85.7	%	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: BTK0733										
Benzene	BTK0733-BS1	LCS	39.331	40.000	ug/L	98.3		85 - 115		
Toluene	BTK0733-BS1	LCS	39.560	40.000	ug/L	98.9		85 - 115		
Ethylbenzene	BTK0733-BS1	LCS	40.103	40.000	ug/L	100		85 - 115		
Total Xylenes	BTK0733-BS1	LCS	119.46	120.00	ug/L	99.5		85 - 115		
Gasoline Range Organics (C4 - C12)	BTK0733-BS1	LCS	941.06	1000.0	ug/L	94.1		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BTK0733-BS1	LCS	38.077	40.000	ug/L	95.2		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BTK0733-BS1	LCS	38.522	40.000	ug/L	96.3		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: BTK0733	Used client sample: N										
Benzene	MS	1015011-27	ND	40.446	40.000	ug/L		101		70 - 130	
	MSD	1015011-27	ND	38.635	40.000	ug/L	4.6	96.6	20	70 - 130	
Toluene	MS	1015011-27	ND	41.216	40.000	ug/L		103		70 - 130	
	MSD	1015011-27	ND	38.602	40.000	ug/L	6.6	96.5	20	70 - 130	
Ethylbenzene	MS	1015011-27	ND	42.062	40.000	ug/L		105		70 - 130	
	MSD	1015011-27	ND	38.831	40.000	ug/L	8.0	97.1	20	70 - 130	
Total Xylenes	MS	1015011-27	ND	124.99	120.00	ug/L		104		70 - 130	
	MSD	1015011-27	ND	115.45	120.00	ug/L	7.9	96.2	20	70 - 130	
Gasoline Range Organics (C4 - C12)	MS	1015011-27	ND	940.04	1000.0	ug/L		94.0		70 - 130	
	MSD	1015011-27	ND	924.02	1000.0	ug/L	1.7	92.4	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	MS	1015011-27	ND	38.871	40.000	ug/L		97.2		70 - 130	
	MSD	1015011-27	ND	37.598	40.000	ug/L	3.3	94.0		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1015011-27	ND	38.411	40.000	ug/L		96.0		70 - 130	
	MSD	1015011-27	ND	38.227	40.000	ug/L	0.5	95.6		70 - 130	

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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: BTK1525						
Diesel Range Organics (C12 - C24)	BTK1525-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BTK1525-BLK1	52.9	%	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: BTK1525										
Diesel Range Organics (C12 - C24)	BTK1525-BS1	LCS	371.10	500.00	ug/L	74.2		48 - 125		
Tetracosane (Surrogate)	BTK1525-BS1	LCS	10.091	20.000	ug/L	50.5		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: BTK1525	Used client sample: N										
Diesel Range Organics (C12 - C24)	MS	0909743-33	ND	383.64	500.00	ug/L		76.7		36 - 130	
	MSD	0909743-33	ND	423.17	500.00	ug/L	9.8	84.6	30	36 - 130	
Tetracosane (Surrogate)	MS	0909743-33	ND	10.022	20.000	ug/L		50.1		28 - 139	
	MSD	0909743-33	ND	10.489	20.000	ug/L	4.6	52.4		28 - 139	

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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: BTK1196						
Oil and Grease	BTK1196-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: BTK1196										
Oil and Grease	BTK1196-BS1	LCS	33.600	40.300	mg/L	83.4		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: BTK1196	Used client sample: N										
Oil and Grease	DUP	1015498-05	4.3000	ND		mg/L			18		
	MS	1015498-05	4.3000	28.050	40.300	mg/L		58.9		78 - 114	Q03
	MSD	1015498-05	4.3000	32.400	40.300	mg/L	14.4	69.7	18	78 - 114	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.
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.