



76 Broadway  
Sacramento, California 95818

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1:53 pm, Apr 03, 2008

Alameda County  
Environmental Health

March 28, 2008

Ms. Donna Drogos  
Alameda County Health Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502

Re: Quarterly Summary Report – 4<sup>th</sup> Quarter 2007  
76 SERVICE STATION #4625  
3070 FRUITVALE AVENUE  
OAKLAND, CALIFORNIA

Dear Ms. Drogos:

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

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

Sincerely,

A handwritten signature in black ink that reads "Bill Borgh".

Bill Borgh  
Site Manager – Risk Management and Remediation

Attachment

March 3, 2008

Ms. Donna Drogos  
Supervising Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**Re: Quarterly Summary Report – Fourth Quarter 2007**  
76 Service Station No. 4625  
3070 Fruitvale Avenue  
Oakland, California



Dear Ms. Drogos,

On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC's *Quarterly Monitoring Report October through December 2007* dated January 18, 2008 for the above site. TRC has uploaded a copy of their report to the GeoTracker database.

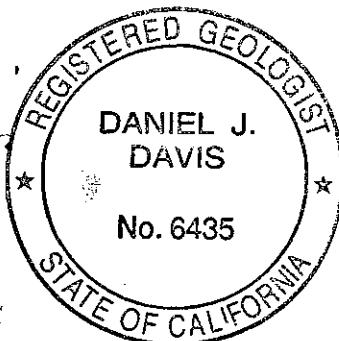
Please contact me at (916) 503-1260 if you have questions.

Sincerely,  
**Delta Consultants**



Daniel J. Davis, R.G.  
Senior Project Manager

Enclosure



cc: Mr. Bill Borgh- ConocoPhillips (electronic copy only)

**QUARTERLY SUMMARY REPORT**  
**Fourth Quarter 2007**

76 Service Station No. 4625  
3070 Fruitvale Avenue  
Oakland, California

County: Alameda

**SITE DESCRIPTION**

The site is an operating 76 service station located on the southeast corner of Fruitvale Avenue and School Street in Oakland, California. The current site facilities include a station building with two automotive service bays equipped with hydraulic lifts, four dispenser islands with two canopies, two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs), and one above ground waste-oil tank.

**SITE BACKGROUND AND ACTIVITY**

April/May 1998: The gasoline USTs, product piping and dispensers were removed and replaced. Concentrations of total petroleum hydrocarbons as gasoline (TPH-G), benzene, and methyl tertiary butyl ether (MTBE) ranged from non-detect to moderate levels.

May 1998: A waste oil UST and associated piping was also removed. Concentrations of TPH-G, benzene, total petroleum hydrocarbons as diesel (TPH-D), total oil and grease (TOG), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals ranged from non-detect to moderate levels. A total of approximately 1,166 tons of soil were over excavated and transported from the site to Allied Waste's Forward Landfill in Manteca, California. Additionally, 40,000 gallons of groundwater were pumped from the UST pit and transported to the Tosco Refinery in Rodeo, California for disposal. A conductor casing was installed in the backfill during installation of the replacement gasoline USTs. The waste oil tank was replaced with an aboveground tank.

April 2000: Four monitoring wells were installed at the site.

May 2003: Two monitoring wells were installed to 25 feet below ground surface (bgs) and two exploratory borings were advanced to approximately 15 feet bgs. Soil samples contained low maximum levels of benzene, MTBE, and tertiary butyl alcohol (TBA), and moderate levels of TPH-G. Grab groundwater samples collected from the two soil borings were reported to contain elevated concentrations of petroleum hydrocarbons in both samples.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

February/March 2006: TRC conducted a hydropunch groundwater investigation at the site which involved the advancement of two onsite and five offsite hydropunch borings using a cone penetrometer testing (CPT) rig.

July 2007: TRC installed one onsite groundwater monitoring well (MW-7) to a total depth of 55 feet below grade (fbg) and two offsite groundwater monitoring wells (MW-8 and MW-9) to a total depth of 20 fbg.

October 2007: Site environmental consulting responsibilities were transferred to Delta Consultants.

## **SENSITIVE RECEPTORS**

August 2000: A well survey was conducted by Gettler Ryan as part of a Limited Subsurface Investigation. The well survey identified an irrigation well located approximately 1,700 feet south-southeast of the site. The only surface water body identified was Sausal Creek, located approximately 500 feet west of the site.

## **GROUNDWATER MONITORING AND SAMPLING**

The groundwater monitoring well network, consisting of eight onsite and two offsite monitoring wells, has been monitored and sampled on a quarterly basis since May 2000. During the most recent groundwater sampling event conducted on December 26, 2007, reported depth to groundwater ranged from 5.98 feet (MW-4) to 9.72 feet (USTW) below top of casing (TOC).

The groundwater flow direction was reported southwest at a gradient of 0.03. This is relatively consistent with a gradient of 0.03 west and 0.02 south, during the previous sampling event (September 27, 2007). Reported historical groundwater flow direction has been primarily to the west.

Dissolved groundwater concentrations are reported as follows.

**TPH-G** Detected in four of the nine sampled wells with a maximum concentration of 5,700 µg/L in well MW-5. This is an increase from a maximum concentration of 1,300 µg/L in well MW-5 during the previous sampling event.

**Benzene** Detected in two of the nine sampled wells with a maximum concentration of 410 µg/L in well MW-5. This is an increase from a maximum concentration of 31 µg/L in well MW-5 during the previous sampling event.

**MTBE** Detected in four of the nine sampled wells with a maximum concentration of 650 µg/l in well MW-5. This is an increase from a maximum concentration of 190 µg/l in well MW-6 during the previous sampling event.

## **REMEDIATION STATUS**

May 1998: A total of approximately 1,166 tons of soil generated during replacement of Fuel and waste oil USTs were over excavated and transported from the site to Allied Waste's Forward Landfill in Manteca, California. Additionally, 40,000 gallons of groundwater were pumped from the UST pit and transported to the Tosco Refinery in Rodeo, California for disposal.

Remediation is not currently being conducted at the site.

## **CHARACTERIZATION STATUS**

Maximum TPH-G, benzene and MTBE soil concentrations were reported at 1,700 ppm, 17 ppm, and 150 ppm, respectively.

TPH-G, benzene, and MTBE were detected in MW-5 during the most recent groundwater sampling event at 5,700 µg/L, 410 µg/L, and 650 µg/L , respectively.

## **RECENT CORRESPONDENCE**

No regulatory correspondence were received or sent during the fourth quarter 2007.

## **THIS QUARTER ACTIVITIES (Fourth Quarter 2007)**

- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on December 26, 2007.
- TRC prepared the *Quarterly Monitoring Report, October through December 2007* dated January 18, 2008.

## **NEXT QUARTER ACTIVITIES (First Quarter 2008)**

- TRC will perform the first quarter 2008 groundwater monitoring and sampling event and will prepare a quarterly monitoring report.

**CONSULTANT:** Delta Consultants



21 Technology Drive  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

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

DATE: January 18, 2008

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 4625  
3070 FRUITVALE AVENUE  
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2007

Dear Mr. Borgh:

Please find enclosed our Quarterly Monitoring Report for 76 Station 4625, located at 3070 Fruitvale Avenue, 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. Daniel Davis, Delta Consultants (2 copies)

Enclosures  
20-0400/4625R18.QMS

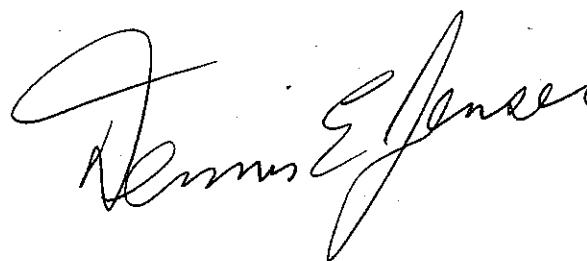
**QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2007**

76 STATION 4625  
3070 Fruitvale Avenue  
Oakland, California

Prepared For:

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

By:



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Senior Project Geologist, Irvine Operations

Date: 1/17/08

<b>LIST OF ATTACHMENTS</b>	
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 1c: Additional Current Analytical Results Table 1d: Additional Current Analytical Results Table 1e: Additional Current Analytical Results Table 1f: Additional Current Analytical Results Table 1g: Additional Current Analytical Results Table 1h: Additional Current Analytical Results Table 1i: 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
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 12/26/07 Groundwater Sampling Field Notes – 12/26/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**October 2007 through December 2007**  
**76 Station 4625**  
**3070 Fruitvale Avenue**  
**Oakland, CA**

Project Coordinator: **Bill Borgh**  
Telephone: **916-558-7612**

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

Date(s) of Gauging/Sampling Event: **12/26/07**

**Sample Points**

Groundwater wells: **8** onsite, **2** offsite      Wells gauged: **10**      Wells sampled: **9**

Purging method: **Diaphragm/submersible pump**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **0**      Type: **n/a**

**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**

LPH removal frequency: **n/a**      Method: **n/a**

Treatment or disposal of water/LPH: **n/a**

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **5.98 feet**      Maximum: **9.72 feet**

Average groundwater elevation (relative to available local datum): **130.10 feet**

Average change in groundwater elevation since previous event: **1.78 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.03 ft/ft, southwest**

Previous event: \*see notes below (9/27/07)

**Selected Laboratory Results**

Wells with detected **Benzene**: **2**      Wells above MCL (1.0 µg/l): **2**

Maximum reported benzene concentration: **410 µg/l (MW-5)**

Wells with **TPH-G by GC/MS**      **4**      Maximum: **5,700 µg/l (MW-5)**

Wells with **MTBE 8260B**      **4**      Maximum: **650 µg/l (MW-5)**

**Notes:**

\*Previous groundwater gradient is 0.03 ft/ft, west to 0.02 ft/ft, south.

USTW=Monitored only,

## TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
$\square\text{g/l}$	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
$\text{mg/l}$	=	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)

### ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethylene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)
DNA	=	data not available

### 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. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 4625 in October 2004. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

## Contents of Tables 1 and 2

### Site: 76 Station 4625

#### Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments		
Table 1a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Bromo-benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane n-Butyl-benzene	
Table 1b	Well/ Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Tertrachloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	2-Chloro-toluene	4-Chloro-toluene	1,2Dibrom-3-chloro-propane	Dibromo-chloro-methane	Dibromo-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene 1,4-Dichloro-benzene	
Table 1c	Well/ Date	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	1,3-Dichloro-propane	2,2-Dichloro-propane	1,1-Dichloro-propene	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Hexa-chloro-butadiene	Isopropyl-benzene p-Isopropyl-toluene	Methylene chloride	
Table 1d	Well/ Date	Naphthalene	n-Propyl-benzene	Styrene	1,1,1,2-Tetrachloro -ethane	1,1,2,2-Tetrachloro -ethane	Tetrachloro -ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,2,3-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane (TCE)	Trichloro-fluoromethane	1,2,3-Trichloro-propane	1,2,4-Trimethyl-benzene	
Table 1e	Well/ Date	1,3,5-Trimethyl-benzene	Vinyl chloride	Acenaphthene	Acenaphthylene (svoc)	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-	
Table 1f	Well/ Date	Bis(2-ethyl-hexyl) phthalate	4-Bromo-phenyl phenyl	Butyl benzyl phthalate	4-Chloro-3-phenol	4-Chloro-aniline	2-Chloro-naphthalene	2-Chloro-phenol	4-Chloro-phenyl phenyl	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene 3,3-Dichlorobenzidine	
Table 1g	Well/ Date	2,4-Dichlorophenol	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	Fluoranthene	Hexachlorobenzene	HCBD (svoc)	Hexachlorocyclopentadiene	Hexachloro-ethane	
Table 1h	Well/ Date	Indeno[1,2,3-c,d]pyrene	Isophorone	2-Methyl-naphthalene	2-Methyl-phenol	Naphthalene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi-n-propyl-	N-Nitro-sodiphenyl-amine	Pentachloro-phenol	Phenanthrene
Table 1i	Well/ Date	Phenol	Pyrene	1,2,4-Trichloro-benzene	2,4,6-Trichloro-phenol	2,4,5-Trichloro-phenol	Chromium (total)									

#### Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
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## **Contents of Tables 1 and 2**

Sjte: 76 Station 4625

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

December 26, 2007

76 Station 4625

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	137.57	6.96	0.00	130.61	1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-2</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	139.85	7.84	0.00	132.01	2.66	--	64	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
<b>MW-3</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	138.89	7.00	0.00	131.89	2.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-4</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	137.81	5.98	0.00	131.83	3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-5</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	137.35	8.99	0.00	128.36	0.86	--	5700	410	44	470	760	--	650	
<b>MW-6</b>	<b>(Screen Interval in feet: 5.0-25.0)</b>													
12/26/07	138.69	7.44	0.00	131.25	2.38	--	64	4.8	1.2	1.6	2.8	--	51	
<b>MW-7</b>	<b>(Screen Interval in feet: 40.0-55.0)</b>													
12/26/07	138.74	8.60	0.00	130.14	1.02	--	73	ND<0.50	ND<0.50	9.5	ND<1.0	--	12	
<b>MW-8</b>	<b>(Screen Interval in feet: 5.0-20.0)</b>													
12/26/07	136.22	9.02	0.00	127.20	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-9</b>	<b>(Screen Interval in feet: 5.0-20.0)</b>													
12/26/07	137.11	9.46	0.00	127.65	1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>USTW</b>	<b>(Screen Interval in feet: DNA)</b>													
12/26/07	--	9.72	0.00	--	--	--	--	--	--	--	--	--	--	Monitored only

**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Total Oil and Grease (mg/l)	Bromo-benzene ( $\mu\text{g/l}$ )	Bromo-chloro-methane ( $\mu\text{g/l}$ )	Bromo-dichloro-methane ( $\mu\text{g/l}$ )	Bromo-form ( $\mu\text{g/l}$ )	Bromo-methane ( $\mu\text{g/l}$ )	n-Butyl-benzene ( $\mu\text{g/l}$ )
<b>MW-1</b> 12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-2</b> 12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-3</b> 12/26/07	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
<b>MW-4</b> 12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-5</b> 12/26/07	--	230	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-6</b> 12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-7</b> 12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-8</b> 12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-9</b> 12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--

**Table 1 b**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	sec-Butyl-benzene ( $\mu\text{g/l}$ )	tert-Butyl-benzene ( $\mu\text{g/l}$ )	Carbon-Tetra-chloride ( $\mu\text{g/l}$ )	Chloro-benzene ( $\mu\text{g/l}$ )	Chloro-ethane ( $\mu\text{g/l}$ )	Chloroform ( $\mu\text{g/l}$ )	Chloro-methane ( $\mu\text{g/l}$ )	2-Chloro-toluene ( $\mu\text{g/l}$ )	4-Chloro-toluene ( $\mu\text{g/l}$ )	1,2Dibrom-3-chloro-propane ( $\mu\text{g/l}$ )	Dibromo-chloro-methane ( $\mu\text{g/l}$ )	Dibromo-methane ( $\mu\text{g/l}$ )	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
12/26/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 1 c**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Dichloro-difluoro-methane	1,1-DCA ( $\mu\text{g/l}$ )	1,1-DCE ( $\mu\text{g/l}$ )	cis- 1,2-DCE ( $\mu\text{g/l}$ )	trans- 1,2-DCE ( $\mu\text{g/l}$ )	1,2-Dichloro-propane ( $\mu\text{g/l}$ )	1,3-Dichloro-propane ( $\mu\text{g/l}$ )	2,2-Dichloro-propene ( $\mu\text{g/l}$ )	1,1-Dichloro-propene ( $\mu\text{g/l}$ )	cis-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	trans-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	Hexachlorobutadiene ( $\mu\text{g/l}$ )	Isopropyl-benzene ( $\mu\text{g/l}$ )	p-Isopropyl-toluene ( $\mu\text{g/l}$ )	Methylene chloride ( $\mu\text{g/l}$ )
<b>MW-3</b>															
12/26/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0

**Table 1 d**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Naphthalene ( $\mu\text{g/l}$ )	n-Propylbenzene ( $\mu\text{g/l}$ )	Styrene ( $\mu\text{g/l}$ )	1,1,1,2-Tetrachloroethane ( $\mu\text{g/l}$ )	1,1,2,2-Tetrachloroethane ( $\mu\text{g/l}$ )	Tetrachloroethene (PCE) ( $\mu\text{g/l}$ )	Trichlorotrifluoroethane ( $\mu\text{g/l}$ )	1,2,4-Trichlorobenzene ( $\mu\text{g/l}$ )	1,2,3-Trichlorobenzene ( $\mu\text{g/l}$ )	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1,2-Trichloroethane ( $\mu\text{g/l}$ )	Trichloroethene (TCE) ( $\mu\text{g/l}$ )	Trichlorofluoromethane ( $\mu\text{g/l}$ )	1,2,3-Trichloropropane ( $\mu\text{g/l}$ )	1,2,4-Trimethylbenzene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
12/26/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50

**Table 1 e**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	1,3,5-Trimethylbenzene ( $\mu\text{g/l}$ )	Vinyl chloride ( $\mu\text{g/l}$ )	Acenaphthene ( $\mu\text{g/l}$ )	Acenaphthylene (svoc) ( $\mu\text{g/l}$ )	Anthracene ( $\mu\text{g/l}$ )	Benzo[a]-anthracene ( $\mu\text{g/l}$ )	Benzo[a]pyrene ( $\mu\text{g/l}$ )	Benzo[b]fluoranthene ( $\mu\text{g/l}$ )	Benzo[g,h,i]perylene ( $\mu\text{g/l}$ )	Benzo[k]fluoranthene ( $\mu\text{g/l}$ )	Benzoic Acid ( $\mu\text{g/l}$ )	Benzyl Alcohol ( $\mu\text{g/l}$ )	Bis(2-chloroethoxy)methane ( $\mu\text{g/l}$ )	Bis(2-chloroethyl) ether ( $\mu\text{g/l}$ )	Bis(2-chloroisopropyl)ether ( $\mu\text{g/l}$ )
MW-3 12/26/07	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0

**Table 1 f**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Bis(2-ethyl-hexyl) phthalate ( $\mu\text{g/l}$ )	4-Bromo-phenyl phenyl ether ( $\mu\text{g/l}$ )	Butyl-benzyl phthalate ( $\mu\text{g/l}$ )	4-Chloro-3-methyl-phenol ( $\mu\text{g/l}$ )	4-Chloro-aniline ( $\mu\text{g/l}$ )	2-Chloro-naphthalene ( $\mu\text{g/l}$ )	2-Chloro-phenol ( $\mu\text{g/l}$ )	4-Chloro-phenyl phenyl ethe ( $\mu\text{g/l}$ )	Chrysene ( $\mu\text{g/l}$ )	Dibenzo-[a,h]-anthracene ( $\mu\text{g/l}$ )	Dibenzo-furan ( $\mu\text{g/l}$ )	1,2-Dichloro-benzene ( <i>syn</i> ) ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( <i>syn</i> ) ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( <i>syn</i> ) ( $\mu\text{g/l}$ )	3,3-Dichloro-benzidine ( $\mu\text{g/l}$ )
MW-3 12/26/07	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10

**Table 1 g**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	2,4-Dichloro-phenol ( $\mu\text{g/l}$ )	Diethyl phthalate ( $\mu\text{g/l}$ )	2,4-Dimethyl-phenol ( $\mu\text{g/l}$ )	Dimethyl phthalate ( $\mu\text{g/l}$ )	Di-n-butyl phthalate ( $\mu\text{g/l}$ )	2,4-Dinitro-phenol ( $\mu\text{g/l}$ )	2,4-Dinitro-toluene ( $\mu\text{g/l}$ )	2,6-Dinitro-toluene ( $\mu\text{g/l}$ )	Di-n-octyl phthalate ( $\mu\text{g/l}$ )	Fluoranthene ( $\mu\text{g/l}$ )	Fluorene ( $\mu\text{g/l}$ )	Hexachlorobenzene ( $\mu\text{g/l}$ )	HCBD (svoc) ( $\mu\text{g/l}$ )	Hexachlorocyclopenta-diene ( $\mu\text{g/l}$ )	Hexachloroethane ( $\mu\text{g/l}$ )
<b>MW-3</b>															
12/26/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0

**Table 1 h**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Indeno-[1,2,3-c,d] pyrene ( $\mu\text{g/l}$ )	Isophorone ( $\mu\text{g/l}$ )	2-Methyl-naphthalene ( $\mu\text{g/l}$ )	2-Methyl-phenol ( $\mu\text{g/l}$ )	Naphtha-lene (svoc) ( $\mu\text{g/l}$ )	2-Nitro-aniline ( $\mu\text{g/l}$ )	3-Nitro-aniline ( $\mu\text{g/l}$ )	4-Nitro-aniline ( $\mu\text{g/l}$ )	Nitro-benzene ( $\mu\text{g/l}$ )	2-Nitro-phenol ( $\mu\text{g/l}$ )	4-Nitro-phenol ( $\mu\text{g/l}$ )	N-nitrosodi-n-propyl-amine ( $\mu\text{g/l}$ )	N-Nitro-sodiphenyl-amine ( $\mu\text{g/l}$ )	Penta-chloro-phenol ( $\mu\text{g/l}$ )	Phen-anthrene ( $\mu\text{g/l}$ )
<b>MW-3</b> 12/26/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

**Table 1 i**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Phenol ( $\mu\text{g/l}$ )	Pyrene ( $\mu\text{g/l}$ )	1,2,4- Trichloro- benzene ( $\mu\text{g/l}$ )	2,4,6- Trichloro- phenol ( $\mu\text{g/l}$ )	2,4,5- Trichloro- phenol ( $\mu\text{g/l}$ )	Chromium (total) ( $\mu\text{g/l}$ )
<b>MW-3</b>						
12/26/07	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0	96

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1</b> (Screen Interval in feet: 5.0-25.0)														
5/3/00	136.36	11.81	0.00	124.55	--	ND	--	ND	ND	ND	ND	11	14	
7/28/00	136.36	7.79	0.00	128.57	4.02	ND	--	ND	ND	ND	ND	21	19	
10/29/00	136.36	7.90	0.00	128.46	-0.11	62	--	ND	ND	ND	ND	6.5	3.9	
2/9/01	136.36	7.95	0.00	128.41	-0.05	ND	--	ND	ND	ND	ND	9.0	9.0	
5/11/01	136.36	7.22	0.00	129.14	0.73	ND	--	ND	ND	ND	ND	12.7	16.3	
8/10/01	136.36	8.47	0.00	127.89	-1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	19	
11/7/01	136.36	8.10	0.00	128.26	0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	22	26	
2/6/02	136.36	6.84	0.00	129.52	1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	18	
5/8/02	136.36	7.29	0.00	129.07	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	20	19	
8/9/02	136.36	8.20	0.00	128.16	-0.91	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
11/26/02	136.36	7.78	0.00	128.58	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
2/14/03	137.57	6.90	0.00	130.67	2.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.8	
5/3/03	137.57	7.36	0.00	130.21	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
8/1/03	137.57	7.48	0.00	130.09	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.7	
10/30/03	137.57	8.74	0.00	128.83	-1.26	--	300	35	41	21	71	--	8.5	
1/29/04	137.57	6.72	0.00	130.85	2.02	--	74	ND<0.50	4.3	ND<0.50	ND<1.0	--	12	
5/27/04	137.57	7.98	0.00	129.59	-1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	16	
8/31/04	137.57	8.42	0.00	129.15	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
11/18/04	137.57	6.91	0.00	130.66	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.4	--	7.2	
3/25/05	137.57	6.23	0.00	131.34	0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.2	
6/22/05	137.57	6.83	0.00	130.74	-0.60	--	ND<50	ND<0.50	0.23J	ND<0.50	ND<1.0	--	11	
9/26/05	137.57	7.97	0.00	129.60	-1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/20/05	137.57	6.73	0.00	130.84	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1 continued</b>														
3/29/06	137.57	6.41	0.00	131.16	0.32	--	79	1.3	ND<0.50	1.4	4.2	--	3.4	
6/12/06	137.57	7.10	0.00	130.47	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
9/27/06	137.57	7.85	0.00	129.72	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/06	137.57	6.90	0.00	130.67	0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/16/07	137.57	7.07	0.00	130.50	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/27/07	137.57	7.53	0.00	130.04	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/27/07	137.57	8.42	0.00	129.15	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/26/07	137.57	6.96	0.00	130.61	1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-2 (Screen Interval in feet: 5.0-25.0)</b>														
5/3/00	138.64	8.59	0.00	130.05	--	2400	--	53	ND	ND	240	ND	ND	
7/28/00	138.64	9.95	0.00	128.69	-1.36	2200	--	680	4.1	57	270	24	ND	
10/29/00	138.64	8.38	0.00	130.26	1.57	490	--	67	ND	23	22	ND	--	
2/9/01	138.64	8.41	0.00	130.23	-0.03	ND	--	3.1	ND	0.52	1.1	ND	--	
5/11/01	138.64	8.93	0.00	129.71	-0.52	ND	--	1.99	ND	ND	ND	ND	--	
8/10/01	138.64	10.68	0.00	127.96	-1.75	96	--	20	ND<0.50	2.1	9.4	ND<5.0	--	
11/7/01	138.64	10.01	0.00	128.63	0.67	480	--	110	ND<1.0	26	42	ND<10	--	
2/6/02	138.64	8.10	0.00	130.54	1.91	69	--	13	ND<0.50	0.84	4.4	ND<5.0	--	
5/8/02	138.64	9.16	0.00	129.48	-1.06	53	--	13	ND<0.50	1.2	1.5	ND<5.0	--	
8/9/02	138.64	10.39	0.00	128.25	-1.23	--	140	20	ND<0.50	10	11	--	ND<2.0	
11/26/02	138.64	9.81	0.00	128.83	0.58	--	340	87	ND<0.50	33	23	--	ND<2.0	
2/14/03	139.85	8.19	0.00	131.66	2.83	--	130	12	ND<0.50	7.4	5.4	--	ND<2.0	
5/3/03	139.85	6.77	0.00	133.08	1.42	--	ND<50	2.5	ND<0.50	1.7	ND<1.0	--	ND<2.0	
8/1/03	139.85	9.63	0.00	130.22	-2.86	--	270	55	ND<0.50	23	6.0	--	ND<2.0	
10/30/03	139.85	11.06	0.00	128.79	-1.43	--	180	17	4.8	6.1	13	--	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-2 continued</b>														
1/29/04	139.85	8.35	0.00	131.50	2.71	--	98	4.3	ND<0.50	1.5	3.6	--	ND<2.0	
5/27/04	139.85	9.66	0.00	130.19	-1.31	--	58	1.2	ND<0.50	0.87	1.1	--	ND<0.50	
8/31/04	139.85	10.45	0.00	129.40	-0.79	--	99	2.7	ND<0.50	1.8	2.8	--	ND<0.50	
11/18/04	139.85	8.21	0.00	131.64	2.24	--	220	2.4	ND<0.50	2.1	1.7	--	ND<0.50	
3/25/05	139.85	5.85	0.00	134.00	2.36	--	240	3.5	ND<0.50	4.4	6.5	--	ND<0.50	
6/22/05	139.85	8.21	0.00	131.64	-2.36	--	56	1.1	ND<0.50	1.3	1.5	--	ND<0.50	
9/26/05	139.85	9.98	0.00	129.87	-1.77	--	83	0.56	ND<0.50	0.86	ND<1.0	--	ND<0.50	
12/20/05	139.85	6.59	0.00	133.26	3.39	--	63	2.6	ND<0.50	2.4	3.7	--	ND<0.50	
3/29/06	139.85	5.79	0.00	134.06	0.80	--	94	2.0	ND<0.50	1.7	2.0	--	ND<0.50	
6/12/06	139.85	8.72	0.00	131.13	-2.93	--	140	1.1	ND<0.50	0.94	2.8	--	ND<0.50	
9/27/06	139.85	9.86	0.00	129.99	-1.14	--	55	0.55	ND<0.50	0.80	ND<0.50	--	ND<0.50	
12/27/06	139.85	6.98	0.00	132.87	2.88	--	72	0.61	ND<0.50	0.52	ND<0.50	--	ND<0.50	
3/16/07	139.85	8.10	0.00	131.75	-1.12	--	62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/27/07	139.85	9.48	0.00	130.37	-1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/27/07	139.85	10.50	0.00	129.35	-1.02	--	280	0.65	ND<0.50	1.8	ND<0.50	--	0.70	
12/26/07	139.85	7.84	0.00	132.01	2.66	--	64	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
<b>MW-3 (Screen Interval in feet: 5.0-25.0)</b>														
5/3/00	137.68	7.60	0.00	130.08	--	ND	--	ND	ND	ND	ND	ND	ND	
7/28/00	137.68	8.82	0.00	128.86	-1.22	ND	--	ND	ND	ND	ND	ND	ND	
10/29/00	137.68	7.33	0.00	130.35	1.49	ND	--	ND	ND	ND	ND	ND	ND	
2/9/01	137.68	7.40	0.00	130.28	-0.07	ND	--	ND	ND	ND	ND	ND	ND	
5/11/01	137.68	7.90	0.00	129.78	-0.50	ND	--	ND	ND	ND	ND	ND	ND	
8/10/01	137.68	9.09	0.00	128.59	-1.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/7/01	137.68	9.03	0.00	128.65	0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	

**Table 2.**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	( $\mu\text{g/l}$ )								
<b>MW-3 continued</b>														
2/6/02	137.68	7.16	0.00	130.52	1.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
5/8/02	137.68	8.04	0.00	129.64	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
8/9/02	137.68	9.27	0.00	128.41	-1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/26/02	137.68	8.79	0.00	128.89	0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
2/14/03	138.89	7.18	0.00	131.71	2.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/3/03	138.89	5.88	0.00	133.01	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
8/1/03	138.89	8.52	0.00	130.37	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/30/03	138.89	10.05	0.00	128.84	-1.53	--	ND<50	0.62	0.83	ND<0.50	ND<1.0	--	ND<5.0	
1/29/04	138.89	6.58	0.00	132.31	3.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/27/04	138.89	8.51	0.00	130.38	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/31/04	138.89	9.72	0.00	129.17	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<5.0	
11/18/04	138.89	7.20	0.00	131.69	2.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 11/18/04	138.89	7.20	0.00	131.69	2.52	--	--	--	--	--	--	--	ND<5.0	
3/25/05	138.89	5.39	0.00	133.50	1.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.97	
6/22/05	138.89	7.31	0.00	131.58	-1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 9/26/05	138.89	8.99	0.00	129.90	-1.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 9/26/05	138.89	8.99	0.00	129.90	-1.68	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
12/20/05	138.89	8.03	0.00	130.86	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/29/06	138.89	8.55	0.00	130.34	-0.52	--	61	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
D 3/29/06	138.89	8.55	0.00	130.34	-0.52	--	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
6/12/06	138.89	7.70	0.00	131.19	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 6/12/06	138.89	7.70	0.00	131.19	0.85	--	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-3 continued</b>														
D 9/27/06	138.89	8.87	0.00	130.02	-1.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
D 9/27/06	138.89	8.87	0.00	130.02	-1.17	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
D 12/27/06	138.89	6.10	0.00	132.79	2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 12/27/06	138.89	6.10	0.00	132.79	2.77	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
D 3/16/07	138.89	7.14	0.00	131.75	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D 3/16/07	138.89	7.14	0.00	131.75	-1.04	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
D 6/27/07	138.89	8.58	0.00	130.31	-1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
D 9/27/07	138.89	9.47	0.00	129.42	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
D 12/26/07	138.89	7.00	0.00	131.89	2.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-4 (Screen Interval in feet: 5.0-25.0)</b>														
5/3/00	136.60	6.48	0.00	130.12	--	ND	--	ND	ND	ND	ND	ND	ND	ND
7/28/00	136.60	7.55	0.00	129.05	-1.07	ND	--	ND	ND	ND	ND	ND	ND	--
10/29/00	136.60	6.12	0.00	130.48	1.43	ND	--	ND	ND	ND	ND	ND	ND	--
2/9/01	136.60	6.14	0.00	130.46	-0.02	ND	--	ND	ND	ND	ND	ND	ND	--
5/11/01	136.60	7.51	0.00	129.09	-1.37	ND	--	ND	ND	ND	ND	ND	ND	--
8/10/01	136.60	8.66	0.00	127.94	-1.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	--
11/7/01	136.60	7.92	0.00	128.68	0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	--
2/6/02	136.60	7.18	0.00	129.42	0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	--
5/8/02	136.60	6.86	0.00	129.74	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<5.0	--
8/9/02	136.60	7.67	0.00	128.93	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/26/02	136.60	8.08	0.00	128.52	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
2/14/03	137.81	7.43	0.00	130.38	1.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/3/03	137.81	6.05	0.00	131.76	1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
8/1/03	137.81	8.21	0.00	129.60	-2.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-4 continued</b>														
10/30/03	137.81	9.04	0.00	128.77	-0.83	--	ND<50	1.1	2.3	2.2	7.0	--	ND<2.0	
1/29/04	137.81	8.22	0.00	129.59	0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/27/04	137.81	7.43	0.00	130.38	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/31/04	137.81	8.35	0.00	129.46	-0.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/18/04	137.81	8.26	0.00	129.55	0.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/25/05	137.81	4.40	0.00	133.41	3.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/22/05	137.81	8.44	0.00	129.37	-4.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/26/05	137.81	7.93	0.00	129.88	0.51	--	ND<50	0.51	ND<0.50	0.53	2.3	--	ND<0.50	
12/20/05	137.81	5.65	0.00	132.16	2.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/29/06	137.81	5.15	0.00	132.66	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/12/06	137.81	5.68	0.00	132.13	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/06	137.81	7.52	0.00	130.29	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/06	137.81	6.95	0.00	130.86	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/16/07	137.81	7.20	0.00	130.61	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/27/07	137.81	7.68	0.00	130.13	-0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/27/07	137.81	9.01	0.00	128.80	-1.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/26/07	137.81	5.98	0.00	131.83	3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-5 (Screen Interval in feet: 5.0-25.0)</b>														
11/26/02	--	9.89	0.00	--	--	--	2500	350	39	32	640	--	470	
2/14/03	137.66	8.65	0.00	129.01	--	--	6600	920	210	430	1300	--	960	
5/3/03	137.66	8.23	0.00	129.43	0.42	--	33000	2400	2200	2000	7600	--	1500	
8/1/03	137.66	9.63	0.00	128.03	-1.40	--	14000	880	130	630	2000	--	630	
10/30/03	137.66	10.58	0.00	127.08	-0.95	--	1400	75	43	39	140	--	330	
1/29/04	137.66	8.70	0.00	128.96	1.88	--	6300	750	56	400	1000	--	1100	

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**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-5 continued</b>														
5/27/04	137.66	9.59	0.00	128.07	-0.89	--	4600	260	15	300	840	--	400	
8/31/04	137.66	10.05	0.00	127.61	-0.46	--	1500	53	ND<2.5	48	49	--	250	
11/18/04	137.66	8.54	0.00	129.12	1.51	--	22000	1300	900	1100	4600	--	1100	
3/25/05	137.66	7.12	0.00	130.54	1.42	--	53000	1400	660	1600	6400	--	1000	
6/22/05	137.66	8.62	0.00	129.04	-1.50	--	5100	240	110	320	1100	--	420	
9/26/05	137.66	9.70	0.00	127.96	-1.08	--	2500	81	ND<0.50	85	200	--	180	
12/20/05	137.66	8.23	0.00	129.43	1.47	--	3800	220	42	240	620	--	300	
3/29/06	137.66	6.70	0.00	130.96	1.53	--	7100	520	150	470	1500	--	680	
6/12/06	137.66	8.68	0.00	128.98	-1.98	--	7500	290	97	500	1600	--	500	
9/27/06	137.66	9.45	0.00	128.21	-0.77	--	2200	55	ND<0.50	85	170	--	220	
12/27/06	137.66	7.57	0.00	130.09	1.88	--	13000	560	160	750	1900	--	580	
3/16/07	137.66	8.10	0.00	129.56	-0.53	--	8000	340	62	400	700	--	480	
6/27/07	137.66	9.56	0.00	128.10	-1.46	--	8900	330	14	690	1400	--	370	
9/27/07	137.35	9.85	0.00	127.50	-0.60	--	1300	31	ND<0.50	47	23	--	140	
12/26/07	137.35	8.99	0.00	128.36	0.86	--	5700	410	44	470	760	--	650	
<b>MW-6 (Screen Interval in feet: 5.0-25.0)</b>														
11/26/02	--	9.19	0.00	--	--	--	11000	1200	2000	400	2300	--	490	
2/14/03	138.88	7.76	0.00	131.12	--	--	13000	2300	1900	560	2300	--	360	
5/3/03	138.88	6.62	0.00	132.26	1.14	--	4300	1000	640	260	990	--	300	
8/1/03	138.88	9.05	0.00	129.83	-2.43	--	16000	2600	2300	740	2900	--	660	
10/30/03	138.88	10.43	0.00	128.45	-1.38	--	2900	420	260	120	480	--	450	
1/29/04	138.88	7.81	0.00	131.07	2.62	--	400	58	21	14	65	--	62	
5/27/04	138.88	9.11	0.00	129.77	-1.30	--	580	58	14	20	69	--	410	
8/31/04	138.88	9.76	0.00	129.12	-0.65	--	660	77	7.0	19	65	--	360	

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**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-6 continued</b>														
11/18/04	138.88	7.68	0.00	131.20	2.08	--	660	92	19	20	80	--	130	
3/25/05	138.88	5.83	0.00	133.05	1.85	--	870	82	13	15	73	--	90	
6/22/05	138.88	7.83	0.00	131.05	-2.00	--	480	84	2.4	23	72	--	360	
9/26/05	138.88	9.50	0.00	129.38	-1.67	--	440	72	0.65	12	52	--	160	
12/20/05	138.88	6.91	0.00	131.97	2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/29/06	138.88	6.48	0.00	132.40	0.43	--	430	61	13	11	41	--	130	
6/12/06	138.88	8.10	0.00	130.78	-1.62	--	1000	190	8.0	28	130	--	310	
9/27/06	138.88	9.25	0.00	129.63	-1.15	--	330	19	0.87	5.4	29	--	220	
12/27/06	138.88	6.88	0.00	132.00	2.37	--	220	13	2.4	3.8	9.6	--	75	
3/16/07	138.88	7.73	0.00	131.15	-0.85	--	160	22	8.7	3.5	12	--	82	
6/27/07	138.88	8.98	0.00	129.90	-1.25	--	310	2.9	ND<0.50	1.4	2.0	--	370	
9/27/07	138.69	9.82	0.00	128.87	-1.03	--	500	14	ND<0.50	7.3	3.5	--	190	
12/26/07	138.69	7.44	0.00	131.25	2.38	--	64	4.8	1.2	1.6	2.8	--	51	
<b>MW-7</b> <b>(Screen Interval in feet: 40.0-55.0)</b>														
9/27/07	138.74	9.62	0.00	129.12	--	--	240	6.7	ND<0.50	24	5.0	--	16	
12/26/07	138.74	8.60	0.00	130.14	1.02	--	73	ND<0.50	ND<0.50	9.5	ND<1.0	--	12	
<b>MW-8</b> <b>(Screen Interval in feet: 5.0-20.0)</b>														
9/27/07	136.22	10.02	0.00	126.20	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/26/07	136.22	9.02	0.00	127.20	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>MW-9</b> <b>(Screen Interval in feet: 5.0-20.0)</b>														
9/27/07	137.11	10.60	0.00	126.51	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/26/07	137.11	9.46	0.00	127.65	1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>USTW</b> <b>(Screen Interval in feet: DNA)</b>														

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**76 Station 4625**

Date Sampled	TOC	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
		(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>USTW continued</b>														
5/3/00	--	8.00	0.00	--	--	--	--	--	--	--	--	--	--	
7/28/00	--	9.28	0.00	--	--	--	--	--	--	--	--	--	--	
10/29/00	--	7.75	0.00	--	--	--	--	--	--	--	--	--	--	
2/9/01	--	6.14	0.00	--	--	--	--	--	--	--	--	--	--	
5/11/01	--	7.96	0.00	--	--	--	--	--	--	--	--	--	--	
8/10/01	--	9.54	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/01	--	9.33	0.00	--	--	--	--	--	--	--	--	--	--	
2/6/02	--	8.08	0.00	--	--	--	--	--	--	--	--	--	--	
5/8/02	--	8.51	0.00	--	--	--	--	--	--	--	--	--	--	
8/9/02	--	9.56	0.00	--	--	--	--	--	--	--	--	--	--	
11/26/02	--	9.16	0.00	--	--	--	--	--	--	--	--	--	--	
5/3/03	--	6.25	0.00	--	--	--	--	--	--	--	--	--	--	
8/1/03	--	8.99	--	--	--	--	--	--	--	--	--	--	--	
10/30/03	--	10.44	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
1/29/04	--	6.52	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
5/27/04	--	8.98	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
8/31/04	--	9.75	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
11/18/04	--	7.39	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only-UST well
3/25/05	--	5.01	0.00	--	--	--	--	--	--	--	--	--	--	Monitor only
6/22/05	--	7.63	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
9/26/05	--	9.45	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
12/20/05	--	5.35	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
3/29/06	--	4.83	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
6/12/06	--	8.05	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 2000 Through December 2007**  
**76 Station 4625**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>USTW continued</b>														
9/27/06	--	9.21	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
12/27/06	--	6.37	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
3/16/07	--	7.43	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
6/27/07	--	8.92	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
9/27/07	--	9.80	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
12/26/07	--	9.72	0.00	--	--	--	--	--	--	--	--	--	--	Monitored only

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Total Oil and Grease (mg/l)	Acenaphthylene ( $\mu\text{g/l}$ )	Acetone ( $\mu\text{g/l}$ )	Bromobenzene ( $\mu\text{g/l}$ )	Bromo-chloromethane ( $\mu\text{g/l}$ )	Bromo-dichloromethane ( $\mu\text{g/l}$ )	Bromoform ( $\mu\text{g/l}$ )
<b>MW-1</b>															
2/9/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
5/11/01	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
8/10/01	--	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
11/7/01	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
2/6/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
5/8/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
8/9/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
11/26/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
2/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
5/3/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
8/1/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
10/30/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
1/29/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
5/27/04	--	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--	--	--
8/31/04	--	ND<5.0	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--	--	--
11/18/04	--	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/25/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
6/22/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
9/26/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
12/20/05	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/29/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/12/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/16/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaphthylene	Acetone	Bromo-benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form
		( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	(mg/l)	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
<b>MW-1 continued</b>															
9/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-2</b>															
8/1/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
1/29/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
5/27/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
8/31/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
3/25/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
6/22/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
9/26/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
12/20/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/29/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/12/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/16/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-3</b>															
5/3/00	93	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
7/28/00	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
10/29/00	ND	--	--	--	--	--	--	--	7.0	--	--	--	--	--	--
2/9/01	72	--	--	--	--	--	--	--	ND	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Total Oil and Grease (mg/l)	Acenaphthyrene ( $\mu\text{g/l}$ )	Acetone ( $\mu\text{g/l}$ )	Bromobenzene ( $\mu\text{g/l}$ )	Bromo-chloromethane ( $\mu\text{g/l}$ )	Bromo-dichloromethane ( $\mu\text{g/l}$ )	Bromoform ( $\mu\text{g/l}$ )
<b>MW-3 continued</b>															
5/11/01	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
8/10/01	63	--	--	--	--	--	--	--	ND<5.0	--	--	--	--	--	--
11/7/01	88	--	--	--	--	--	--	--	ND<5.0	--	--	--	--	--	--
2/6/02	ND<310	--	--	--	--	--	--	--	ND<5.0	--	--	--	--	--	--
5/8/02	ND<53	--	--	--	--	--	--	--	ND<5.2	--	--	--	--	--	--
8/9/02	ND<50	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--
11/26/02	ND<50	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--
2/14/03	ND<50	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--
5/3/03	ND<50	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--
8/1/03	ND<50	--	ND<500	--	--	--	--	--	ND<4.0	--	--	--	--	--	--
10/30/03	ND<50	--	ND<500	ND<0.50	ND<0.50	--	--	--	ND<1.0	--	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<0.50
1/29/04	ND<50	--	ND<500	ND<0.50	ND<0.50	--	--	--	ND<1.0	ND<2.7	ND<50	ND<1.0	ND<1.0	ND<0.50	ND<0.50
5/27/04	--	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<4.0	ND<50	ND<1.0	ND<1.0	ND<0.50	ND<0.50
8/31/04	ND<50	--	ND<50	ND<0.50	ND<0.50	--	--	--	1.2	ND<2.0	ND<50	ND<1.0	ND<1.0	ND<0.50	ND<0.50
11/18/04	ND<50	--	ND<50	ND<0.50	ND<0.50	--	--	--	ND<5.0	--	ND<50	ND<1.0	ND<1.0	ND<0.50	ND<0.50
3/25/05	ND<50	--	ND<50	ND<0.50	ND<0.50	--	--	--	ND<2.0	ND<2.0	ND<50	ND<1.0	ND<1.0	ND<0.50	ND<0.50
6/22/05	--	--	ND<1000	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
9/26/05	ND<200	--	ND<1000	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
12/20/05	ND<200	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
3/29/06	ND<200	--	ND<250	--	ND<0.50	--	--	--	--	--	--	--	--	ND<0.50	ND<0.50
6/12/06	ND<200	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
D 6/12/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/06	ND<50	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
12/27/06	55	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
3/16/07	ND<50	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50
6/27/07	63	--	ND<250	--	ND<0.50	--	--	--	ND<5.0	--	--	--	--	ND<0.50	ND<0.50

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaphthylene	Acetone	Bromo-benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	(mg/l)	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
<b>MW-3 continued</b>															
9/27/07	87	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50
12/26/07	ND<50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-4</b>															
2/14/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
8/1/03	--	--	ND<500	ND<2.0	--	--	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
1/29/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
5/27/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
8/31/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
3/25/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
6/22/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
9/26/05	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
12/20/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/29/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/12/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/16/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
6/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
12/26/07	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-5</b>															
11/26/02	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--	--	--
2/14/03	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--	--	--
5/3/03	--	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	TBA ( $\mu\text{g/l}$ )	Ethanol (8260B) ( $\mu\text{g/l}$ )	Ethylene-dibromide (EDB) ( $\mu\text{g/l}$ )	1,2-DCA (EDC) ( $\mu\text{g/l}$ )	DIPE ( $\mu\text{g/l}$ )	ETBE ( $\mu\text{g/l}$ )	TAME ( $\mu\text{g/l}$ )	Total Oil and Grease (mg/l)	Acenaphthylene ( $\mu\text{g/l}$ )	Acetone ( $\mu\text{g/l}$ )	Bromobenzene ( $\mu\text{g/l}$ )	Bromo-chloro-methane ( $\mu\text{g/l}$ )	Bromo-dichloro-methane ( $\mu\text{g/l}$ )	Bromo-form ( $\mu\text{g/l}$ )
<b>MW-5 continued</b>															
8/1/03	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--	--	--
10/30/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--	--	--
1/29/04	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--	--	--
5/27/04	--	ND<50	ND<500	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--	--	--	--
8/31/04	--	ND<25	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--	--	--	--
11/18/04	--	140	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	--	--	--	--	--	--
3/25/05	--	ND<250	ND<2500	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--	--	--
6/22/05	--	16	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/26/05	--	ND<10	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/20/05	--	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--	--	--
3/29/06	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	--	--
6/12/06	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	--	--
9/27/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/27/06	--	93	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/16/07	--	45	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
6/27/07	--	51	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/27/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/26/07	--	230	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-6</b>															
11/26/02	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
2/14/03	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
5/3/03	--	ND<5000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	--	--
8/1/03	--	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--	--	--	--	--
10/30/03	--	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	--	--	--	--	--	--
1/29/04	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
5/27/04	--	ND<25	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaphthyrene	Acetone	Bromo-benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	(mg/l)	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
<b>MW-6 continued</b>															
8/31/04	--	ND<25	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	--	--	--	--	--	--
11/18/04	--	8.1	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/25/05	--	45	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
6/22/05	--	ND<10	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/26/05	--	ND<10	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/20/05	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/29/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
6/12/06	--	ND<50	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	--	--	--	--	--	--
9/27/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/27/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
3/16/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
6/27/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/27/07	--	110	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-7</b>															
9/27/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-8</b>															
9/27/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
<b>MW-9</b>															
9/27/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/26/07	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Bromo-methane	n-Butyl-benzene	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Carbon Tertrachloride	Chloro-benzene	Chloro-ethane	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	2-Chloro-toluene	4-Chloro-toluene	1,2Dibrom-3-chloro-propane	Dibromo-chloro-methane
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )						
<b>MW-3</b>															
10/30/03	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
1/29/04	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
5/27/04	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
8/31/04	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
11/18/04	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	--	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
3/25/05	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<1.0	--	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50
6/22/05	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	0.17J	ND<0.50	--	--	--	ND<0.50
9/26/05	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
12/20/05	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
3/29/06	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
6/12/06	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
9/27/06	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
12/27/06	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
3/16/07	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
6/27/07	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50
9/27/07	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
12/26/07	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50

**Table 2 c**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Dibromo-methane ( $\mu\text{g/l}$ )	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoromethane ( $\mu\text{g/l}$ )	1,1-DCA ( $\mu\text{g/l}$ )	1,1-DCE ( $\mu\text{g/l}$ )	cis- 1,2-DCE ( $\mu\text{g/l}$ )	trans- 1,2-DCE ( $\mu\text{g/l}$ )	1,2-Dichloropropane ( $\mu\text{g/l}$ )	1,3-Dichloropropane ( $\mu\text{g/l}$ )	2,2-Dichloropropene ( $\mu\text{g/l}$ )	1,1-Dichloropropene ( $\mu\text{g/l}$ )	cis-1,3-Dichloropropene ( $\mu\text{g/l}$ )	trans-1,3-Dichloropropene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
5/8/02	--	--	--	--	--	--	--	0.69	--	--	--	--	--	--	--
10/30/03	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1/29/04	ND<0.50	ND<0.50	ND<0.50	ND<2.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
5/27/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
8/31/04	ND<0.50	ND<2.0	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<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
11/18/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
3/25/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
6/22/05	--	ND<2.0	ND<2.0	ND<2.0	--	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	ND<0.50	ND<0.50
9/26/05	--	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
12/20/05	--	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
3/29/06	--	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
6/12/06	--	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
9/27/06	--	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
12/27/06	--	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
3/16/07	--	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
6/27/07	--	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
9/27/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
12/26/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 d**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Hexa-chloro-butadiene ( $\mu\text{g/l}$ )	2-Hexanone ( $\mu\text{g/l}$ )	Isopropyl-benzene ( $\mu\text{g/l}$ )	p-Isopropyl-toluene ( $\mu\text{g/l}$ )	Methyl-ethyl Ketone ( $\mu\text{g/l}$ )	Methyl-isobutyl ketone ( $\mu\text{g/l}$ )	Methylene chloride ( $\mu\text{g/l}$ )	Naphthalene ( $\mu\text{g/l}$ )	n-Propyl-benzene ( $\mu\text{g/l}$ )	Styrene ( $\mu\text{g/l}$ )	1,1,1,2-Tetrachloro-ethane ( $\mu\text{g/l}$ )	1,1,2,2-Tetrachloro-ethane ( $\mu\text{g/l}$ )	Tetrachloro-ethene (PCE) ( $\mu\text{g/l}$ )	Trichloro-trifluoro-ethane ( $\mu\text{g/l}$ )	1,2,4-Trichloro-benzene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
7/28/00	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--	--
5/8/02	--	--	--	--	--	--	--	--	--	--	--	--	0.56	--	--
10/30/03	ND<1.0	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
1/29/04	ND<2.7	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
5/27/04	ND<1.0	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
8/31/04	ND<1.0	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
11/18/04	ND<1.0	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
3/25/05	ND<1.0	ND<50	ND<0.50	ND<1.0	ND<50	ND<50	ND<5.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
6/22/05	ND<2.0	--	--	--	--	--	ND<1.0	ND<2.0	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0
9/26/05	ND<2.0	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/20/05	ND<2.0	--	--	--	--	--	ND<1.0	ND<2.0	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0
3/29/06	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
6/12/06	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
9/27/06	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
12/27/06	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
3/16/07	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
6/27/07	--	--	--	--	--	--	ND<1.0	--	--	--	--	ND<0.50	ND<0.50	ND<0.50	--
9/27/07	ND<0.50	--	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
12/26/07	ND<0.50	--	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

**Table 2 e**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	1,2,3-Trichlorobenzene ( $\mu\text{g/l}$ )	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1,2-Trichloroethane ( $\mu\text{g/l}$ )	Trichloroethene (TCE) ( $\mu\text{g/l}$ )	Trichlorofluoromethane ( $\mu\text{g/l}$ )	1,2,3-Trichloropropane ( $\mu\text{g/l}$ )	1,2,4-Trimethylbenzene ( $\mu\text{g/l}$ )	1,3,5-Trimethylbenzene ( $\mu\text{g/l}$ )	Vinyl-acetate ( $\mu\text{g/l}$ )	Vinyl-chloride ( $\mu\text{g/l}$ )	Acenaphthene ( $\mu\text{g/l}$ )	Acenaphthylene (svoc) ( $\mu\text{g/l}$ )	Anthracene ( $\mu\text{g/l}$ )	Benz[a]anthracene ( $\mu\text{g/l}$ )	Benz[a]pyrene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
11/7/01	--	--	--	0.55	--	--	--	--	--	--	--	--	--	--	--
5/8/02	--	--	--	0.86	--	--	--	--	--	--	--	--	--	--	--
10/30/03	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	--	--	--	--	--
1/29/04	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	ND<2.7	--	ND<2.7	ND<2.7	ND<2.7
5/27/04	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0
8/31/04	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0
11/18/04	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	--	--	--	--	--
3/25/05	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<25	ND<0.50	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0
6/22/05	--	ND<0.50	ND<0.50	0.25J	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/26/05	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/20/05	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/29/06	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/12/06	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/27/06	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/27/06	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/16/07	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/27/07	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/27/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/26/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

**Table 2 f**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Benzo[b]-fluoranthene ( $\mu\text{g/l}$ )	Benzo[g,h,I]-perylene ( $\mu\text{g/l}$ )	Benzo[k]-fluoranthene ( $\mu\text{g/l}$ )	Benzoic Acid ( $\mu\text{g/l}$ )	Benzyl Alcohol ( $\mu\text{g/l}$ )	Bis(2-chloroethoxy) methane ( $\mu\text{g/l}$ )	Bis(2-chloroethyl) ether ( $\mu\text{g/l}$ )	Bis(2-chloroisopropyl) ether ( $\mu\text{g/l}$ )	Bis(2-ethylhexyl) phthalate ( $\mu\text{g/l}$ )	4-Bromophenyl phenyl ether ( $\mu\text{g/l}$ )	Butylbenzyl phthalate ( $\mu\text{g/l}$ )	4-Chloromethylphenol ( $\mu\text{g/l}$ )	4-Chloroaniline ( $\mu\text{g/l}$ )	2-Chloronaphthalene ( $\mu\text{g/l}$ )	2-Chlorophenol ( $\mu\text{g/l}$ )
<b>MW-3</b>															
1/29/04	ND<2.7	ND<2.7	ND<2.7	--	--	--	--	--	ND<14	--	--	--	--	--	--
5/27/04	ND<4.0	ND<4.0	ND<4.0	--	--	--	--	--	ND<20	--	--	--	--	--	--
8/31/04	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--	--	--
3/25/05	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
6/22/05	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<5.0	ND<2.0	ND<2.0	3.1	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
9/26/05	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
12/20/05	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/29/06	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
6/12/06	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
9/27/06	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
12/27/06	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
3/16/07	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
6/27/07	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
9/27/07	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0
12/26/07	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0

**Table 2 g**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	4-Chloro-phenyl phenyl ether ( $\mu\text{g/l}$ )	Chrysene ( $\mu\text{g/l}$ )	Dibenzo-[a,h]-anthracene ( $\mu\text{g/l}$ )	Dibenzo-furan ( $\mu\text{g/l}$ )	1,2-Dichlorobenzene ( $\text{ng/l}$ )	1,3-Dichlorobenzene ( $\text{ng/l}$ )	1,4-Dichlorobenzene ( $\text{ng/l}$ )	3,3-Dichlorobenzidine ( $\mu\text{g/l}$ )	2,4-Dichlorophenol ( $\mu\text{g/l}$ )	Diethyl phthalate ( $\mu\text{g/l}$ )	2,4-Dimethylphenol ( $\mu\text{g/l}$ )	Dimethyl phthalate ( $\mu\text{g/l}$ )	Di-n-butyl phthalate ( $\mu\text{g/l}$ )	2,4-Dinitrophenol ( $\mu\text{g/l}$ )	2,4-Dinitrotoluene ( $\mu\text{g/l}$ )
<b>MW-3</b>															
1/29/04	--	ND<2.7	ND<2.7	--	--	--	--	--	--	--	--	--	--	--	--
5/27/04	--	ND<4.0	ND<4.0	--	--	--	--	--	--	--	--	--	--	--	--
8/31/04	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--	--	--	--
3/25/05	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<10	ND<2.0
6/22/05	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
9/26/05	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
12/20/05	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
3/29/06	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
6/12/06	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
9/27/06	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
12/27/06	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
3/16/07	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
6/27/07	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
9/27/07	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
12/26/07	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

**Table 2 h**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	2,6-Dinitro-toluene ( $\mu\text{g/l}$ )	Di-n-octyl phthalate ( $\mu\text{g/l}$ )	Fluoran-thene ( $\mu\text{g/l}$ )	Fluorene ( $\mu\text{g/l}$ )	Hexa-chloro-benzene ( $\mu\text{g/l}$ )	HCBD (svoc) ( $\mu\text{g/l}$ )	Hexachloro-cyclopenta-diene ( $\mu\text{g/l}$ )	Hexachloro-ethane ( $\mu\text{g/l}$ )	Indeno-[1,2,3-c,d] pyrene ( $\mu\text{g/l}$ )	Isophorone ( $\mu\text{g/l}$ )	2-Methyl-4,6-dinitro-phenol ( $\mu\text{g/l}$ )	2-Methyl-naphthalene ( $\mu\text{g/l}$ )	2-Methyl-phenol ( $\mu\text{g/l}$ )	4-Methyl-phenol ( $\mu\text{g/l}$ )	Naphthalene (svoc) ( $\mu\text{g/l}$ )
<b>MW-3</b>															
1/29/04	--	--	ND<2.7	ND<2.7	--	--	--	--	ND<2.7	--	--	--	ND<2.7	ND<2.7	--
5/27/04	--	--	ND<4.0	ND<4.0	--	--	--	--	ND<4.0	--	--	ND<4.0	ND<4.0	ND<4.0	--
8/31/04	--	--	ND<2.0	ND<2.0	--	--	--	--	ND<2.0	--	--	ND<2.0	ND<2.0	ND<2.0	--
3/25/05	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/22/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/26/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/20/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/29/06	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	--	ND<2.0
6/12/06	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	--	ND<2.0
9/27/06	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	--	ND<2.0
12/27/06	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	--	ND<2.0
3/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	--	ND<2.0
6/27/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	--	ND<2.0
9/27/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	--	ND<2.0
12/26/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<2.0	ND<2.0	--	ND<2.0

**Table 2 i**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	2-Nitro-aniline ( $\mu\text{g/l}$ )	3-Nitro-aniline ( $\mu\text{g/l}$ )	4-Nitro-aniline ( $\mu\text{g/l}$ )	Nitrobenzene ( $\mu\text{g/l}$ )	2-Nitrophenol ( $\mu\text{g/l}$ )	4-Nitrophenol ( $\mu\text{g/l}$ )	J-nitrosodiphenylamine ( $\mu\text{g/l}$ )	N-Nitrosodiphenylamine ( $\mu\text{g/l}$ )	Penta-chlorophenol ( $\mu\text{g/l}$ )	Phenanthrene ( $\mu\text{g/l}$ )	Phenol ( $\mu\text{g/l}$ )	Pyrene ( $\mu\text{g/l}$ )	1,2,4-Trichlorobenzene ( $\mu\text{g/l}$ )	2,4,6-Trichlorophenol ( $\mu\text{g/l}$ )	2,4,5-Trichlorophenol ( $\mu\text{g/l}$ )
<b>MW-3</b>															
1/29/04	--	--	--	--	--	--	--	--	ND<2.7	--	ND<2.7	--	--	--	
5/27/04	--	--	--	--	--	--	--	--	ND<4.0	--	ND<4.0	--	--	--	
8/31/04	--	--	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--	--	--	
3/25/05	ND<10	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	
6/22/05	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
9/26/05	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
12/20/05	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
3/29/06	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
6/12/06	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
9/27/06	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
12/27/06	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
3/16/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
6/27/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
9/27/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	
12/26/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	

**Table 2 j**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

Date Sampled	Chromium (total)
--------------	------------------

( $\mu\text{g/l}$ )

MW-3	
5/3/00	ND
7/28/00	1800
10/29/00	ND
2/9/01	38
5/11/01	ND
8/10/01	ND<10
11/7/01	ND<10
2/6/02	110
5/8/02	37
8/9/02	700
11/26/02	340
2/14/03	74
5/3/03	480
8/1/03	280
10/30/03	130
1/29/04	27
5/27/04	6.1
8/31/04	1000
11/18/04	ND<5.0
3/25/05	ND<5.0
6/22/05	24
9/26/05	170
12/20/05	ND<10
3/29/06	49
6/12/06	59
9/27/06	15

**Table 2 j**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 4625**

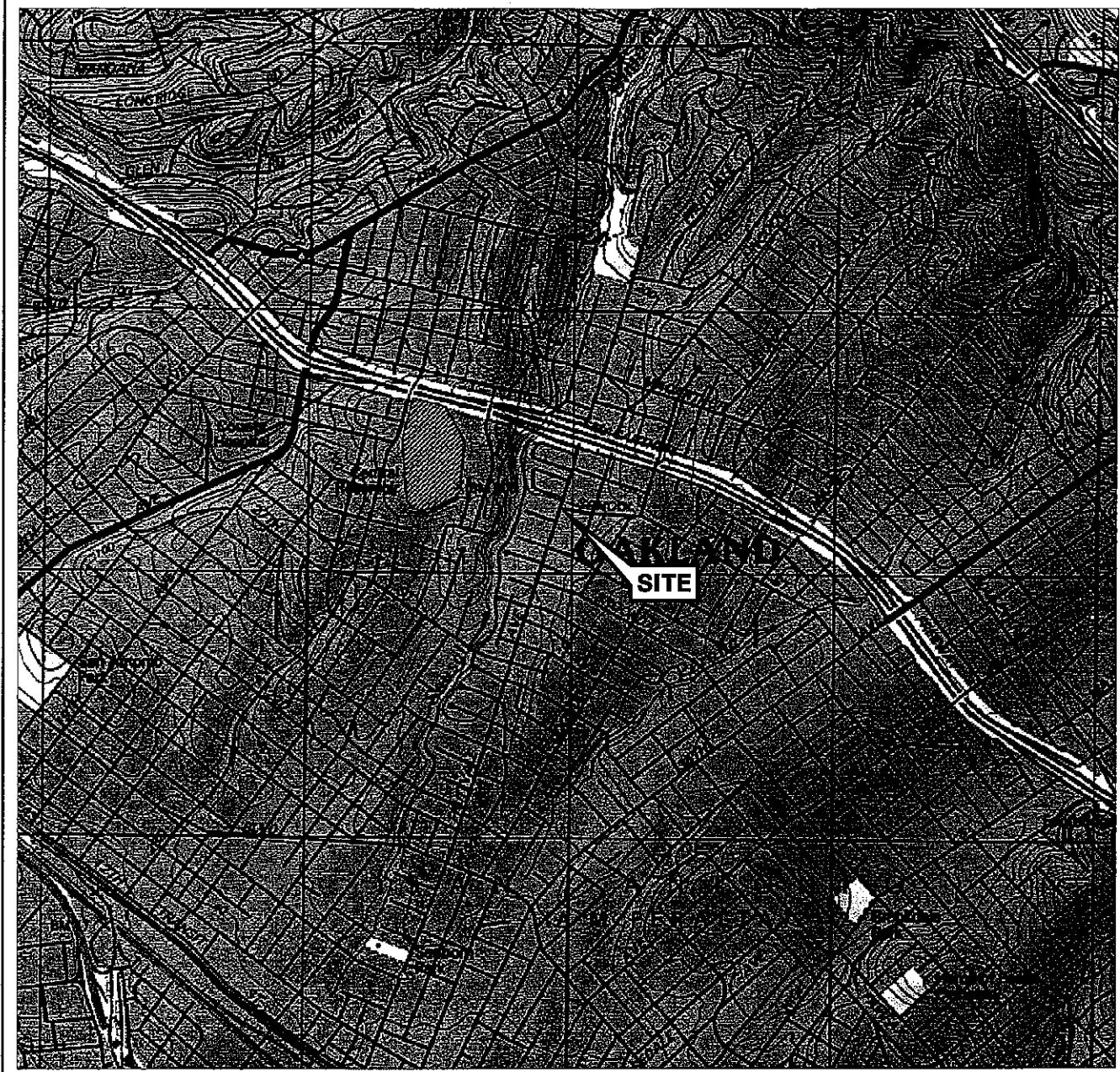
Date      Chromium  
Sampled    (total)

( $\mu\text{g/l}$ )

**MW-3 continued**

12/27/06	37
3/16/07	50
6/27/07	120
9/27/07	170
12/26/07	96

## **FIGURES**



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

SCALE 1:24,000

N

SOURCE:

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



PROJECT: 154771

FACILITY:

76 STATION 4625  
3070 FRUITVALE AVENUE  
OAKLAND, CALIFORNIA

VICINITY MAP



FIGURE 1

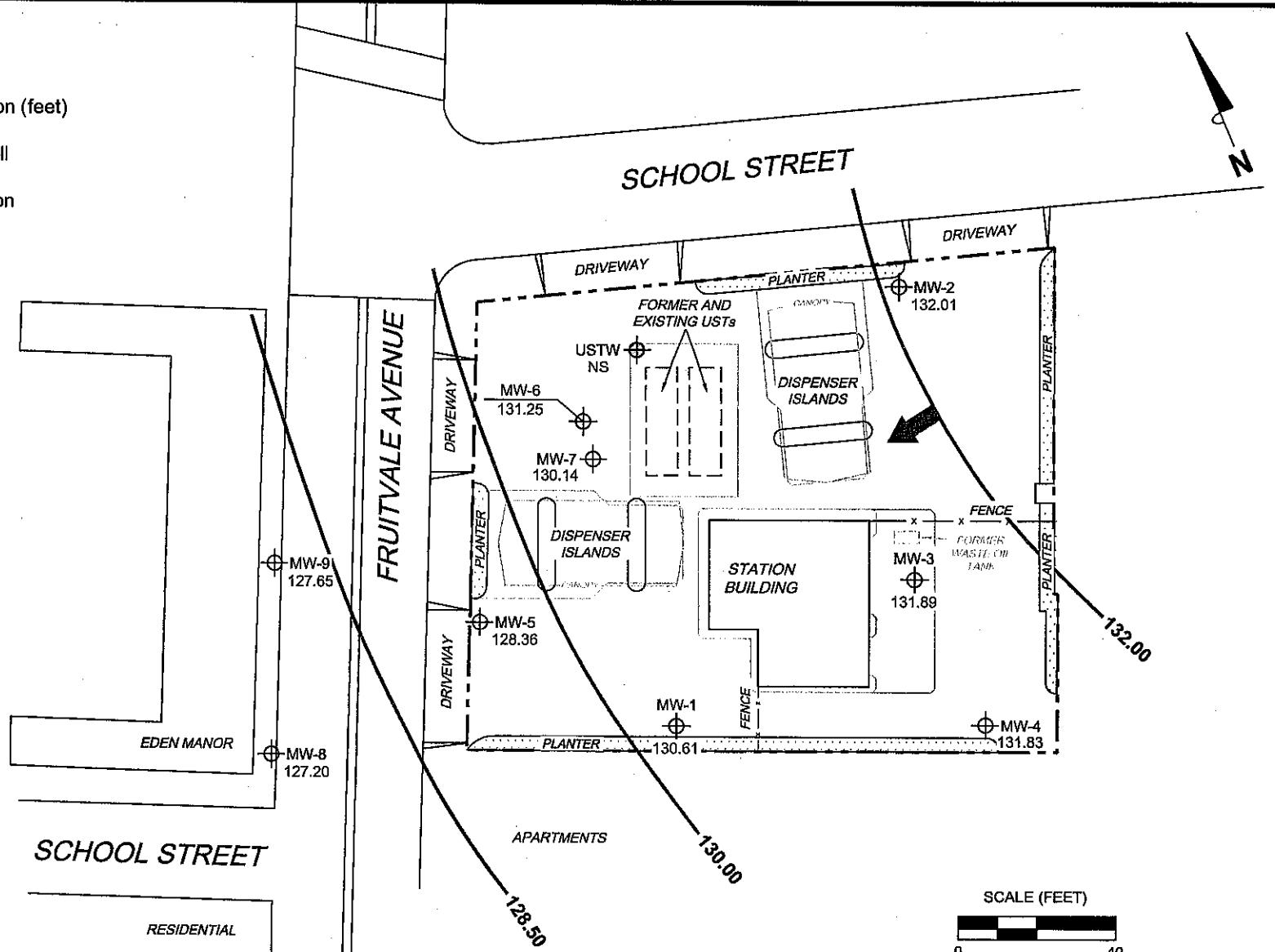
**LEGEND**

MW-9 Monitoring Well with  
Groundwater Elevation (feet)

USTW UST Observation Well

**132.00**— Groundwater Elevation  
Contour

General Direction of  
Groundwater Flow

**NOTES:**

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. NS = not surveyed.



PROJECT: 154771

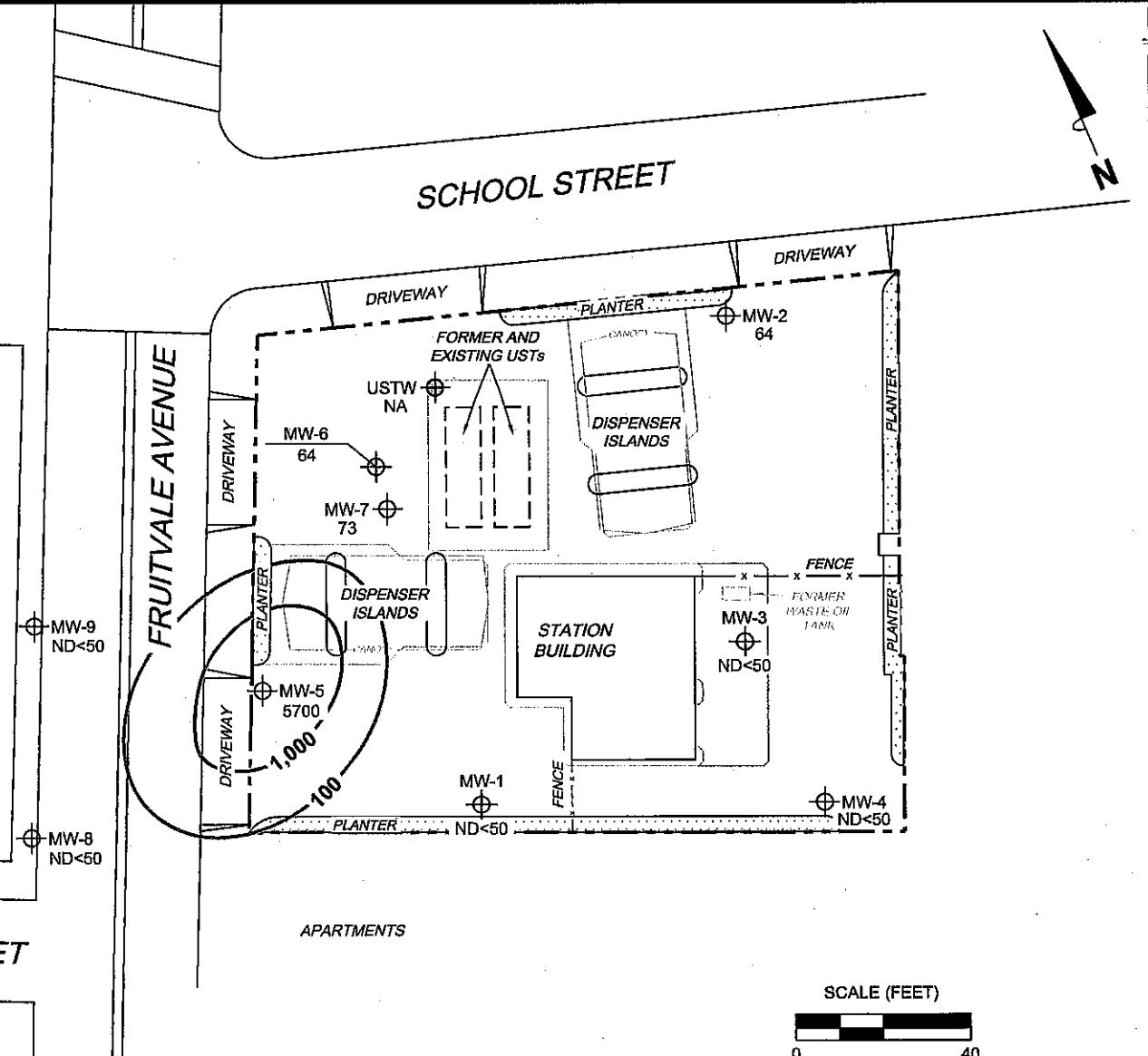
FACILITY:  
76 STATION 4625  
3070 FRUITVALE AVENUE  
OAKLAND, CALIFORNIA

**GROUNDWATER ELEVATION  
CONTOUR MAP**  
December 26, 2007

**FIGURE 2**

## LEGEND

- MW-9 Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )  
 USTW UST Observation Well  
 —————— 1,000 Dissolved-Phase TPH-G (GC/MS) Contour ( $\mu\text{g/l}$ )



**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank.



	<p>PROJECT: 154771</p> <hr/> <p>FACILITY:</p> <p>76 STATION 4625 3070 FRUITVALE AVENUE OAKLAND, CALIFORNIA</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

**DISSOLVED-PHASE TPH-G (GC/MS)  
CONCENTRATION MAP  
December 26, 2007**

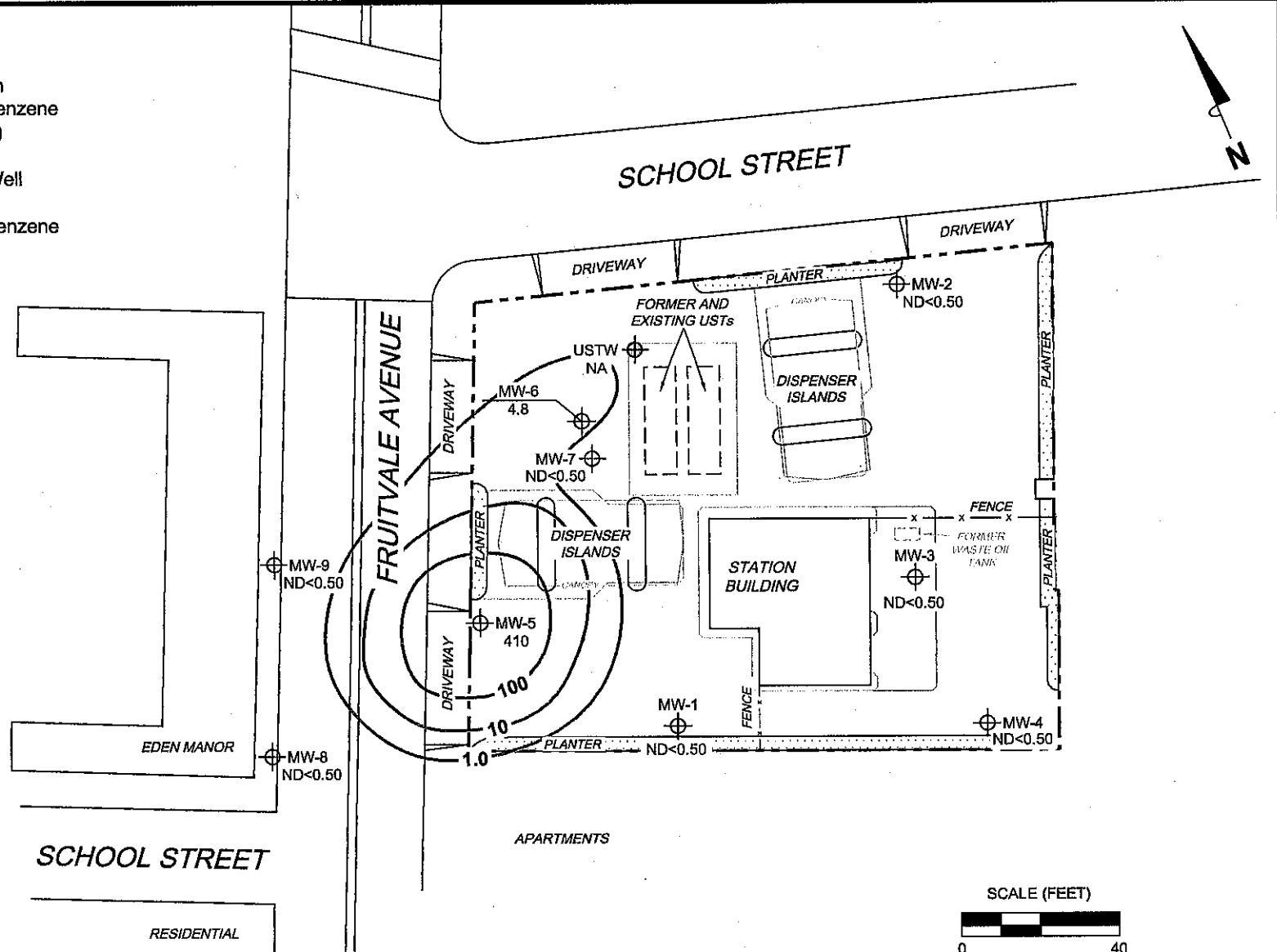
### **FIGURE 3**

### LEGEND

MW-9 Monitoring Well with  
Dissolved-Phase Benzene  
Concentration ( $\mu\text{g/l}$ )

USTW UST Observation Well

— 100 — Dissolved-Phase Benzene  
Contour ( $\mu\text{g/l}$ )



### NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank.



PROJECT: 154771

FACILITY:

76 STATION 4625  
3070 FRUITVALE AVENUE  
OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE  
CONCENTRATION MAP  
December 26, 2007

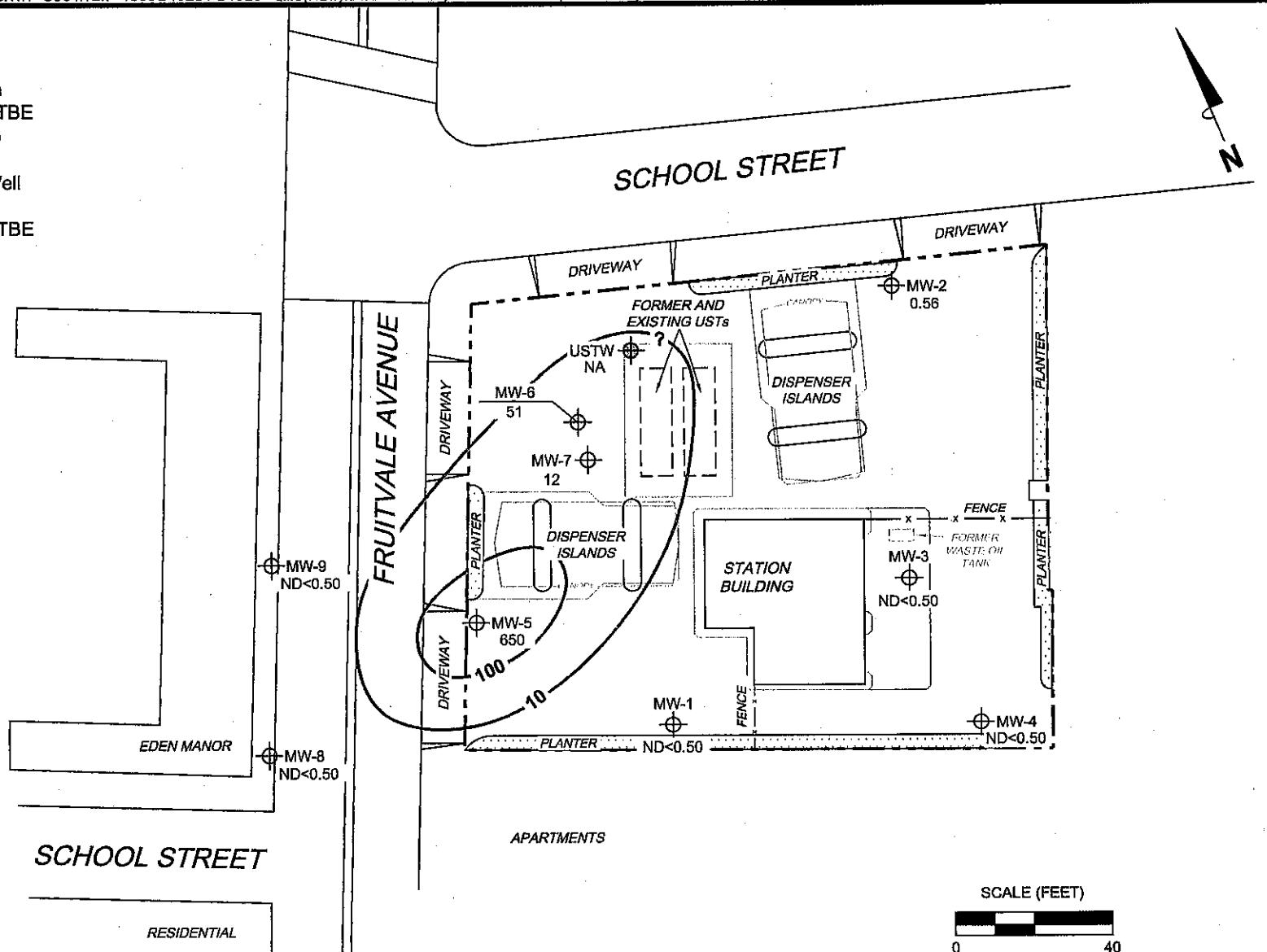
FIGURE 4

LEGEND

MW-9 Monitoring Well with  
Dissolved-Phase MTBE  
Concentration ( $\mu\text{g/l}$ )

USTW UST Observation Well

100 Dissolved-Phase MTBE  
Contour ( $\mu\text{g/l}$ )

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.

MTBE = methyl tertiary butyl ether.

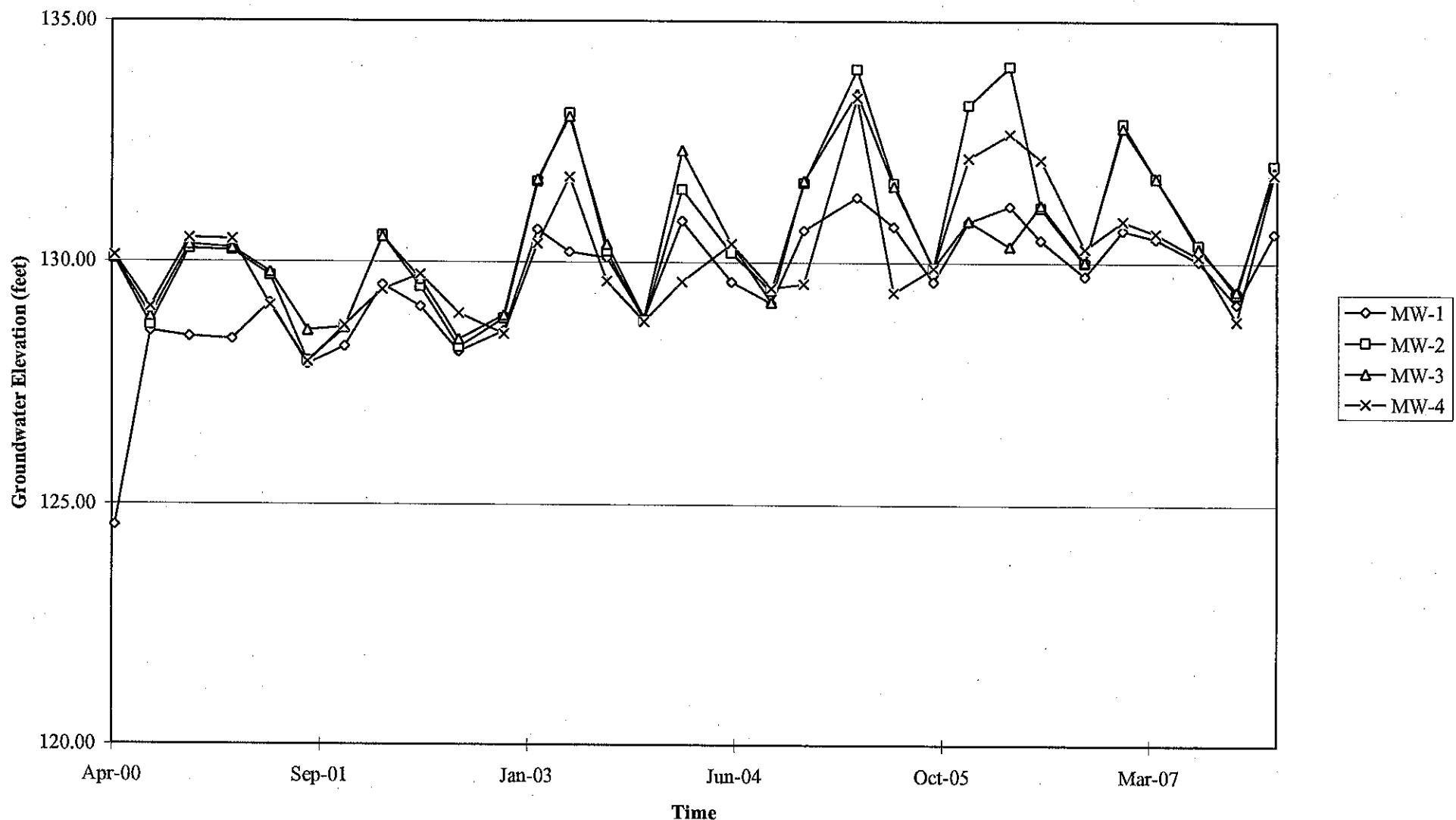
$\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

	PROJECT: 154771	DISSOLVED-PHASE MTBE CONCENTRATION MAP December 26, 2007
	FACILITY: 76 STATION 4625 3070 FRUITVALE AVENUE OAKLAND, CALIFORNIA	

FIGURE 5

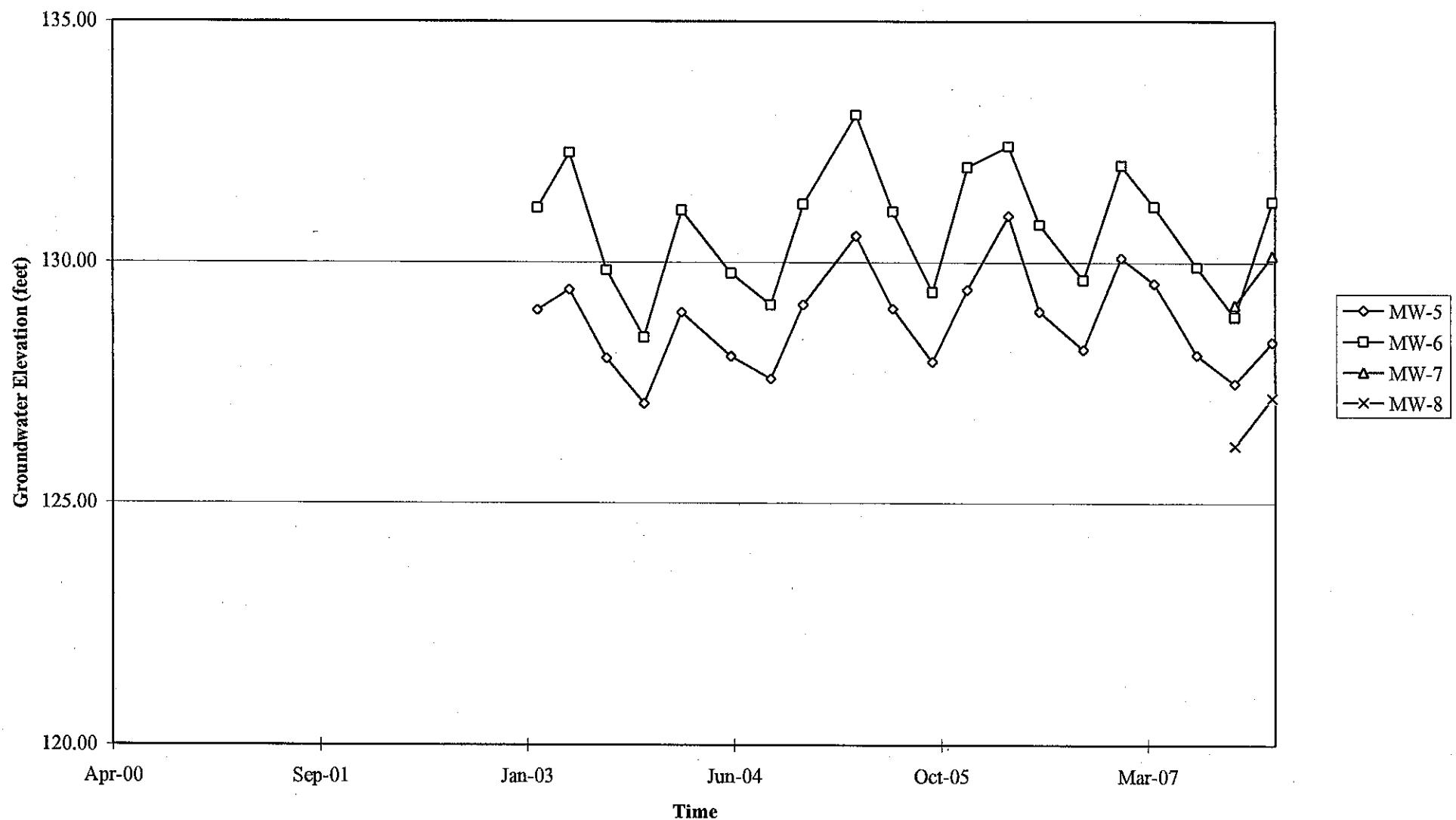
# **GRAPHS**

Groundwater Elevations vs. Time  
76 Station 4625



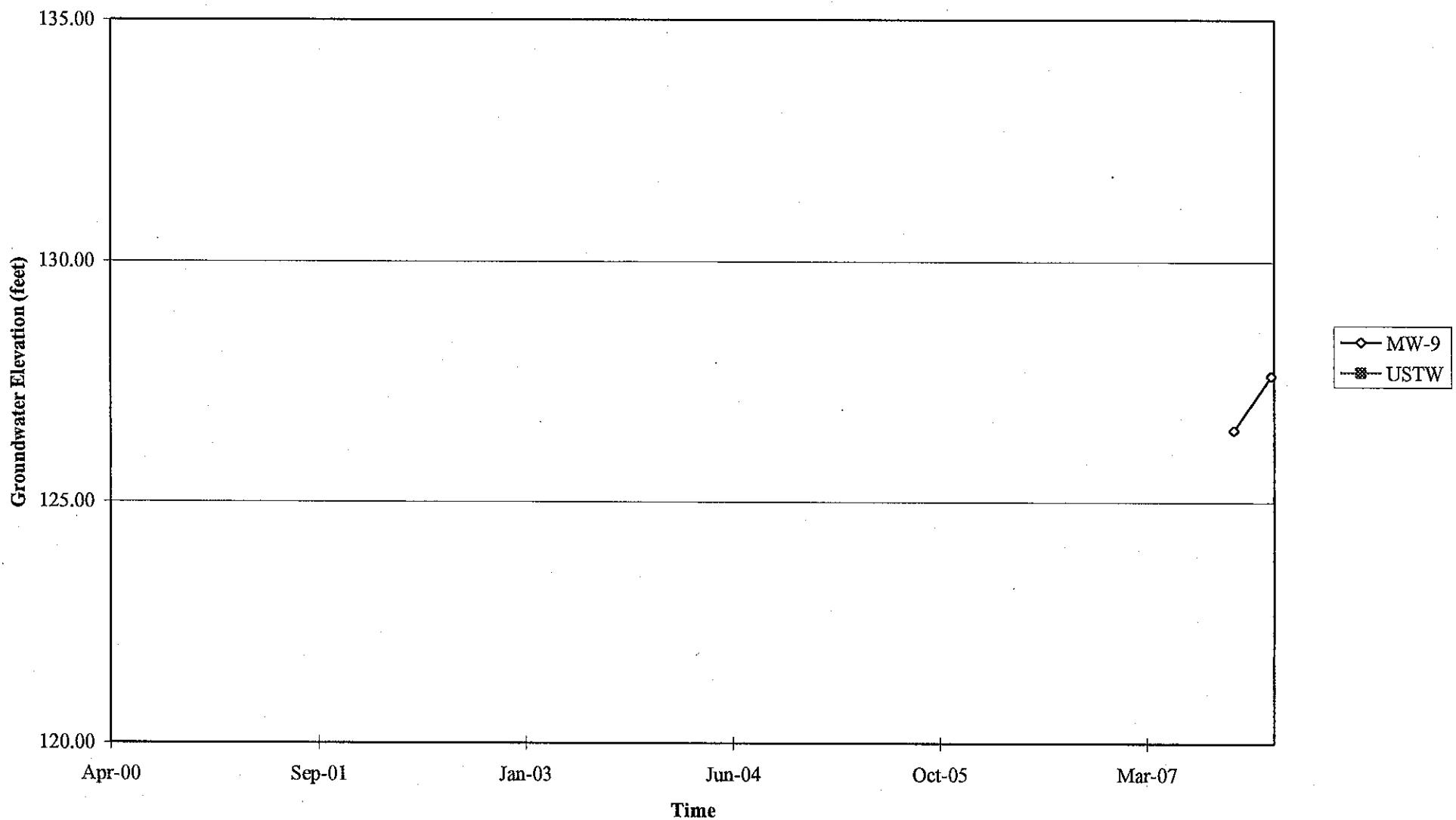
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 4625



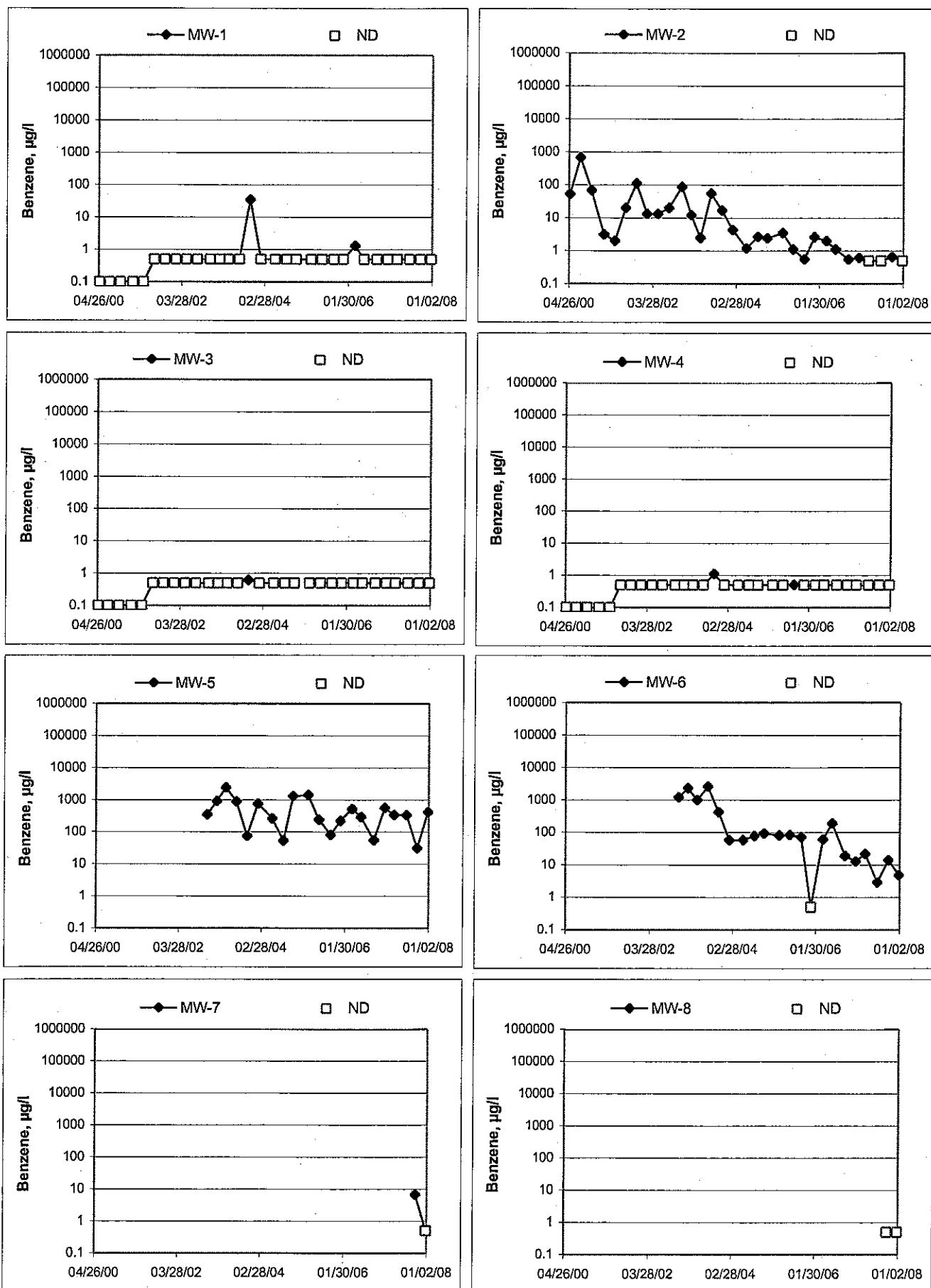
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 4625

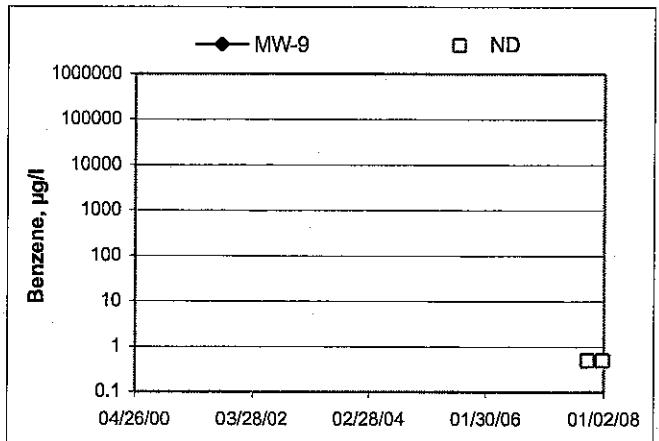


Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time  
76 Station 4625



Benzene Concentrations vs Time  
76 Station 4625



## 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,  $\frac{1}{2}$ -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 are 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 to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

## **Exceptions**

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

## FIELD MONITORING DATA SHEET

Technician: Andrew Vidars

Job #/Task #: 15A77 | FA20

Date: 12/26/07

**Site #** 4625

Project Manager A. Collins

Page 1 of 1

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew V.

Site: 4625

Project No.: 154771

Date: 12/26/07

Well No. MW-9

Depth to Water (feet): 9.46

Total Depth (feet) 19.64

Water Column (feet): 10.18

80% Recharge Depth(feet): 11.50

Purge Method: DIA

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0726			2	647.3	13.7	7.53			
			4	625.2	13.4	7.57			
0728			6	616.7	16.0	7.50			
Static at Time Sampled			Total Gallons Purged			Sample Time			
10.02			6			0735			
Comments:									

Well No. MW-8

Purge Method: DIA

Depth to Water (feet): 9.02

Depth to Product (feet): —

Total Depth (feet) 19.64

LPH & Water Recovered (gallons): —

Water Column (feet): 10.62

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.14

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0747			2	599.1	14.9	7.33			
			4	670.8	16.8	7.10			
0749			6	667.3	17.1	6.97			
Static at Time Sampled			Total Gallons Purged			Sample Time			
9.36			6			0757			
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew V

Site: A625

Project No.: 154771

Date: 12/26/07

Well No. MW-1

Depth to Water (feet): 6.96

Total Depth (feet) 25.05

Water Column (feet) 18.09

80% Recharge Depth(feet): 14.47 <sup>AV</sup> 10.58

Purge Method: DIA <sup>AV</sup> Sub

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0809			3	755.3	14.5	7.60			
			6	724.4	16.6	7.43			
0812			9	759.9	17.3	7.32			
Static at Time Sampled			Total Gallons Purged			Sample Time			
10.58			9			0824			
Comments:									

Well No. MW-2

Depth to Water (feet): 7.84

Total Depth (feet) 24.97

Water Column (feet): 17.13

80% Recharge Depth(feet): 11.21

Purge Method: DIA <sup>AV</sup> Sub

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0835			3	689.1	8.5	6.94			
			6	466.7	15.4	6.66			
0842			9	394.5	18.1	6.41			
Static at Time Sampled			Total Gallons Purged			Sample Time			
8.08			9			0845			
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew V.

Site: 4625

Project No.: 154771

Date: 12/26/07

Well No. MW-7

Depth to Water (feet): 8.60

Total Depth (feet) 54.73

Water Column (feet) 46.13

80% Recharge Depth(feet): 9.23

Purge Method: Sub

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2

1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0901			7	801.2	16.5	6.72			
			14	1015	17.8	6.77			
0916			21	961.7	16.1	6.72			
Static at Time Sampled			Total Gallons Purged			Sample Time			
18.30			21			1118			
Comments: Did not recover in 2 hrs.									

Well No. MW-6

Purge Method: Sub

Depth to Water (feet): 7.44

Depth to Product (feet): —

Total Depth (feet) 23.33

LPH & Water Recovered (gallons): —

Water Column (feet): 15.89

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.62

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0923			3	1018	14.1	6.67			
			6	788.9	17.6	6.58			
0928			9	619.9	19.1	6.50			
Static at Time Sampled			Total Gallons Purged			Sample Time			
18.11			9			0932			
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew V.

Site: 4625

Project No.: 154771

Date: 12/26/07

Well No. MW-5

Purge Method: Sub

Depth to Water (feet): 8.99

Depth to Product (feet): —

Total Depth (feet) 24.40

LPH & Water Recovered (gallons): —

Water Column (feet) 15.41

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 12.07

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1000			2	975.8	15.2	6.46			
			4	857.7	17.9	6.31			
1004			6	857.8	18.9	6.21			
Static at Time Sampled			Total Gallons Purged			Sample Time			
12.07			6			1016			
Comments:									

Well No. MW-4

Purge Method: DIA

Depth to Water (feet): 5.98

Depth to Product (feet): —

Total Depth (feet) 24.41

LPH & Water Recovered (gallons): —

Water Column (feet): 18.43

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.67

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1054			3	572.8	15.1	6.28			
			6	658.9	16.3	6.16			
1056			9	740.4	17.1	6.10			
Static at Time Sampled			Total Gallons Purged			Sample Time			
6.49			9			1100			
Comments:									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Andrew Vanders

Site: 4625

Project No.: 154711

Date: 12/26/07

Well No. MW-3

Purge Method: DIA

Depth to Water (feet): 7.00

Depth to Product (feet): —

Total Depth (feet) 25.11

LPH & Water Recovered (gallons): —

Water Column (feet) 18.11

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.62

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity							
1029			3	410.1	17.1	6.50										
			6	374.0	18.2	6.30										
1031			9	360.5	18.9	6.19										
Static at Time Sampled			Total Gallons Purged			Sample Time										
7.81			9			1637										
Comments:																

Well No. \_\_\_\_\_

Purge Method: \_\_\_\_\_

Depth to Water (feet): \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet) \_\_\_\_\_

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth(feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity							
Static at Time Sampled			Total Gallons Purged			Sample Time										
Comments:																



LABORATORIES, INC.

Date of Report: 01/11/2008

Anju Farfan

TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

RE: 4625

BC Work Order: 0715411

Enclosed are the results of analyses for samples received by the laboratory on 12/28/2007 11:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers  
Client Service Rep

A handwritten signature of "Molly Meyers" is written over a horizontal line.

Authorized Signature



TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order: Global ID:
0715411-01	COC Number: --- Project Number: 4625 Sampling Location: MW-9 Sampling Point: MW-9 Sampled By: TRCI	12/28/2007 11:35	12/26/2007 07:35	---	Water	W Samle QC Type (SACode): CS Cooler ID:
0715411-02	COC Number: --- Project Number: 4625 Sampling Location: MW-8 Sampling Point: MW-8 Sampled By: TRCI	12/28/2007 11:35	12/26/2007 07:57	---	Water	W Samle QC Type (SACode): CS Cooler ID:
0715411-03	COC Number: --- Project Number: 4625 Sampling Location: MW-1 Sampling Point: MW-1 Sampled By: TRCI	12/28/2007 11:35	12/26/2007 08:24	---	Water	W Samle QC Type (SACode): CS Cooler ID:
0715411-04	COC Number: --- Project Number: 4625 Sampling Location: MW-2 Sampling Point: MW-2 Sampled By: TRCI	12/28/2007 11:35	12/26/2007 08:45	---	Water	W Samle QC Type (SACode): CS Cooler ID:
0715411-05	COC Number: --- Project Number: 4625 Sampling Location: MW-7 Sampling Point: MW-7 Sampled By: TRCI	12/28/2007 11:35	12/26/2007 11:18	---	Water	W Samle QC Type (SACode): CS Cooler ID:



LABORATORIES, INC.

TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0715411-06	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	--- 4625 MW-6 MW-6 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/28/2007 11:35 12/26/2007 09:37 --- Water	Delivery Work Order: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0715411-07	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	--- 4625 MW-5 MW-5 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/28/2007 11:35 12/26/2007 10:16 --- Water	Delivery Work Order: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0715411-08	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	--- 4625 MW-4 MW-4 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/28/2007 11:35 12/26/2007 11:00 --- Water	Delivery Work Order: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0715411-09	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	--- 4625 MW-3 MW-3 TRCI	Receive Date: Sampling Date: Sample Depth: Sample Matrix:	12/28/2007 11:35 12/26/2007 10:37 --- Water	Delivery Work Order: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:



TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-01	Client Sample Name: 4625, MW-9, MW-9, 12/26/2007 7:35:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane-d4 (Surrogate)	97.4	%	76 - 114 (LCL - UCL)	EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044		
Toluene-d8 (Surrogate)	93.3	%	88 - 110 (LCL - UCL)	EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)	EPA-8260	01/02/08	01/02/08 23:54	MWB	MS-V13	1	BRA0044		



LABORATORIES, INC.

TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-02	Client Sample Name: 4625, MW-8, MW-8, 12/26/2007 7:57:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane-d4 (Surrogate)	96.2	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	
4-Bromofluorobenzene (Surrogate)	114	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:13	MWB	MS-V13	1	BRA0044	



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 4625, MW-1, MW-1, 12/26/2007 8:24:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.1	%	76 - 114 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044			
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044			
4-Bromofluorobenzene (Surrogate)	112	%	86 - 115 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 00:31	MWB	MS-V13	1	BRA0044			



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-04	Client Sample Name: 4625, MW-2, MW-2, 12/26/2007 8:45:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Methyl t-butyl ether	0.56	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
Total Purgeable Petroleum Hydrocarbons	64	ug/L	50		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	
Toluene-d8 (Surrogate)	98.0	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 00:49	MWB	MS-V13	1	BRA0044	



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	Client Sample Name: 4625, MW-7, MW-7, 12/26/2007 11:18:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Ethylbenzene	9.5	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Methyl t-butyl ether	12	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
Total Purgeable Petroleum Hydrocarbons	73	ug/L	50		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044		
Toluene-d8 (Surrogate)	98.0	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 01:07	MWB	MS-V13	1	BRA0044		



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-06	Client Sample Name: 4625, MW-6, MW-6, 12/26/2007 9:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Benzene	4.8	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Ethylbenzene	1.6	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Methyl t-butyl ether	51	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Toluene	1.2	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Total Xylenes	2.8	ug/L	1.0		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
Total Purgeable Petroleum Hydrocarbons	64	ug/L	50		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	ND
1,2-Dichloroethane-d4 (Surrogate)	94.2	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	
Toluene-d8 (Surrogate)	96.2	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	
4-Bromofluorobenzene (Surrogate)	113	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:14	MWB	MS-V13	1	BRA0044	



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-07	Client Sample Name: 4625, MW-5, MW-5, 12/26/2007 10:16:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	410	ug/L	5.0		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044	ND	A01
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Ethylbenzene	470	ug/L	5.0		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044	ND	A01
Methyl t-butyl ether	650	ug/L	5.0		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044	ND	A01
Toluene	44	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Total Xylenes	760	ug/L	10		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044	ND	A01
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
t-Butyl alcohol	230	ug/L	10		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044	ND	
Total Purgeable Petroleum Hydrocarbons	5700	ug/L	500		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044		
4-Bromofluorobenzene (Surrogate)	96.5	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 03:33	MWB	MS-V13	1	BRA0044		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115 (LCL - UCL)		EPA-8260	01/02/08	01/03/08 02:20	MWB	MS-V13	10	BRA0044		



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-08	Client Sample Name: 4625, MW-4, MW-4, 12/26/2007 11:00:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Benzene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044		
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044		
4-Bromofluorobenzene (Surrogate)	112	%	86 - 115 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:25	MWB	MS-V13	1	BRA0044		



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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Bromobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Bromochloromethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
n-Butylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
sec-Butylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
tert-Butylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
2-Chlorotoluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
4-Chlorotoluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Dibromomethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	



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TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Dichlorodifluoromethane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1-Dichloroethene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,3-Dichloropropane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
2,2-Dichloropropane	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1-Dichloropropene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Total 1,3-Dichloropropene	ND	ug/L	1.0	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Hexachlorobutadiene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Isopropylbenzene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
p-Isopropyltoluene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Methylene chloride	ND	ug/L	1.0	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Naphthalene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
n-Propylbenzene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Styrene	ND	ug/L	0.50	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	

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TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2,3-Trichlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2,4-Trichlorobenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2,3-Trichloropropane	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,2,4-Trimethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
1,3,5-Trimethylbenzene	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044	ND	



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21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
1,2-Dichloroethane-d4 (Surrogate)	91.9	%	76 - 114 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044		
Toluene-d8 (Surrogate)	96.6	%	88 - 110 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044		
4-Bromofluorobenzene (Surrogate)	113	%	86 - 115 (LCL - UCL)	EPA-8260	01/02/08	01/03/08 01:44	MWB	MS-V13	1	BRA0044		



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Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	QC	MB	Lab Quals
Acenaphthene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Acenaphthylene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Anthracene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzo[a]anthracene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzo[b]fluoranthene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzo[k]fluoranthene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzo[a]pyrene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzo[g,h,i]perylene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzoic acid	ND	ug/L	10	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzyl alcohol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Benzyl butyl phthalate	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
bis(2-Chloroethoxy)methane	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
bis(2-Chloroethyl) ether	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
bis(2-Ethylhexyl)phthalate	ND	ug/L	4.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
4-Bromophenyl phenyl ether	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
4-Chloroaniline	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
2-Chloronaphthalene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
4-Chlorophenyl phenyl ether	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Chrysene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Dibenzo[a,h]anthracene	ND	ug/L	3.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
Dibenzofuran	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	
1,2-Dichlorobenzene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND	



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Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Quals
1,3-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Fluoranthene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Fluorene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Hexachlorobutadiene	ND	ug/L	1.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Isophorone	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
2-Methylnaphthalene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Naphthalene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482 ND

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TRC Alton Geoscience  
21 Technology Drive  
Irvine, CA 92618-2302

Project: 4625  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 01/11/2008 11:16

## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
N-Nitrosodi-N-propylamine	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
N-Nitrosodiphenylamine	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
Phenanthrene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
Pyrene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
4-Chloro-3-methylphenol	ND	ug/L	5.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2-Chlorophenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2,4-Dichlorophenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2,4-Dimethylphenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
4,6-Dinitro-2-methylphenol	ND	ug/L	10	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2,4-Dinitrophenol	ND	ug/L	10	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2-Methylphenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
3- & 4-Methylphenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2-Nitrophenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
4-Nitrophenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
Pentachlorophenol	ND	ug/L	10	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
Phenol	ND	ug/L	2.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2,4,5-Trichlorophenol	ND	ug/L	5.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2,4,6-Trichlorophenol	ND	ug/L	5.0	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482	ND		
2-Fluorophenol (Surrogate)	44.3	%	39 - 96 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			
Phenol-d5 (Surrogate)	32.9	%	16 - 79 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			
Nitrobenzene-d5 (Surrogate)	81.5	%	64 - 131 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			
2-Fluorobiphenyl (Surrogate)	76.0	%	53 - 123 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	QC Dilution	MB Batch ID	Lab Bias	Quals
2,4,6-Tribromophenol (Surrogate)	79.6	%	56 - 141 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			
p-Terphenyl-d14 (Surrogate)	92.2	%	47 - 145 (LCL - UCL)	EPA-8270C	12/31/07	01/08/08 23:57	SKC	MS-B1	1	BRA0482			



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## Total Petroleum Hydrocarbons

BCL Sample ID:	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	QC	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	50		Luft/TPHd	01/08/08	01/10/08 00:40	JST	GC-13	1	BRA0500	ND
Tetracosane (Surrogate)	60.7	%	28 - 139 (LCL - UCL)		Luft/TPHd	01/08/08	01/10/08 00:40	JST	GC-13	1	BRA0500	



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## EPA Method 1664

BCL Sample ID: 0715411-09		Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC Dilution	MB Batch ID	Lab Bias	Quals
Oil and Grease	ND	mg/L	5.0		EPA-1664H	01/04/08	01/04/08 11:00	JAK Inst	1	BRA0224	ND	

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## Water Analysis (Metals)

BCL Sample ID:	0715411-09	Client Sample Name: 4625, MW-3, MW-3, 12/26/2007 10:37:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Instrument ID	QC	MB	Lab Quals
Total Chromium	96	ug/L	10		EPA-6010B	01/03/08	01/04/08 22:03	ARD PE-OP1	1	BRA0091	ND



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Benzene	BRA0044	Matrix Spike	0714775-34	0	24.700	25.000	ug/L	98.8	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	24.300	25.000	ug/L	1.6	97.2	20	70 - 130
Bromodichloromethane	BRA0044	Matrix Spike	0714775-34	0	26.650	25.000	ug/L	107	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	27.140	25.000	ug/L	1.9	109	20	70 - 130
Chlorobenzene	BRA0044	Matrix Spike	0714775-34	0	27.080	25.000	ug/L	108	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	26.300	25.000	ug/L	2.8	105	20	70 - 130
Chloroethane	BRA0044	Matrix Spike	0714775-34	0	24.960	25.000	ug/L	99.8	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	27.260	25.000	ug/L	8.8	109	20	70 - 130
1,4-Dichlorobenzene	BRA0044	Matrix Spike	0714775-34	0	25.490	25.000	ug/L	102	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	25.920	25.000	ug/L	1.9	104	20	70 - 130
1,1-Dichloroethane	BRA0044	Matrix Spike	0714775-34	0	23.610	25.000	ug/L	94.4	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	24.100	25.000	ug/L	2.1	96.4	20	70 - 130
1,1-Dichloroethene	BRA0044	Matrix Spike	0714775-34	0	24.980	25.000	ug/L	99.9	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	25.410	25.000	ug/L	2.1	102	20	70 - 130
Toluene	BRA0044	Matrix Spike	0714775-34	0	26.460	25.000	ug/L	106	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	26.380	25.000	ug/L	0	106	20	70 - 130
Trichloroethene	BRA0044	Matrix Spike	0714775-34	0	26.500	25.000	ug/L	106	70 - 130	20	70 - 130
		Matrix Spike Duplicate	0714775-34	0	26.960	25.000	ug/L	1.9	108	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRA0044	Matrix Spike	0714775-34	ND	10.440	10.000	ug/L	104	76 - 114	20	76 - 114
		Matrix Spike Duplicate	0714775-34	ND	10.060	10.000	ug/L	101	76 - 114	20	76 - 114
Toluene-d8 (Surrogate)	BRA0044	Matrix Spike	0714775-34	ND	10.080	10.000	ug/L	101	88 - 110	20	88 - 110
		Matrix Spike Duplicate	0714775-34	ND	10.000	10.000	ug/L	100	88 - 110	20	88 - 110
4-Bromofluorobenzene (Surrogate)	BRA0044	Matrix Spike	0714775-34	ND	10.250	10.000	ug/L	102	86 - 115	20	86 - 115
		Matrix Spike Duplicate	0714775-34	ND	10.110	10.000	ug/L	101	86 - 115	20	86 - 115



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Acenaphthene	BRA0482	Matrix Spike	0712930-06	0	71.090	80.000	ug/L	88.9	85.3	16	46 - 138
		Matrix Spike Duplicate	0712930-06	0	68.247	80.000	ug/L	4.1	77.8	23	46 - 138
1,4-Dichlorobenzene	BRA0482	Matrix Spike	0712930-06	0	64.534	80.000	ug/L	80.7	90.3	18	49 - 114
		Matrix Spike Duplicate	0712930-06	0	62.229	80.000	ug/L	3.7	77.8	23	49 - 114
2,4-Dinitrotoluene	BRA0482	Matrix Spike	0712930-06	0	61.949	80.000	ug/L	77.4	83.0	16	50 - 125
		Matrix Spike Duplicate	0712930-06	0	66.394	80.000	ug/L	7.0	69.4	27	50 - 125
Hexachlorobenzene	BRA0482	Matrix Spike	0712930-06	0	69.989	80.000	ug/L	87.5	90.3	18	55 - 135
		Matrix Spike Duplicate	0712930-06	0	72.249	80.000	ug/L	3.1	77.8	23	55 - 135
Hexachlorobutadiene	BRA0482	Matrix Spike	0712930-06	0	54.836	80.000	ug/L	68.5	77.0	27	36 - 120
		Matrix Spike Duplicate	0712930-06	0	55.547	80.000	ug/L	1.3	69.4	27	36 - 120
Hexachloroethane	BRA0482	Matrix Spike	0712930-06	0	60.500	80.000	ug/L	75.6	77.0	27	43 - 112
		Matrix Spike Duplicate	0712930-06	0	61.624	80.000	ug/L	1.8	77.0	27	43 - 112
Nitrobenzene	BRA0482	Matrix Spike	0712930-06	0	57.385	80.000	ug/L	71.7	72.5	19	55 - 124
		Matrix Spike Duplicate	0712930-06	0	57.990	80.000	ug/L	1.1	77.8	23	55 - 124
N-Nitrosodi-N-propylamine	BRA0482	Matrix Spike	0712930-06	0	56.305	80.000	ug/L	70.4	73.3	19	45 - 109
		Matrix Spike Duplicate	0712930-06	0	58.645	80.000	ug/L	4.0	77.8	23	45 - 109
Pyrene	BRA0482	Matrix Spike	0712930-06	0	81.934	80.000	ug/L	102	81.6	18	27 - 163
		Matrix Spike Duplicate	0712930-06	0	65.252	80.000	ug/L	22.2	80.3	20	27 - 163
1,2,4-Trichlorobenzene	BRA0482	Matrix Spike	0712930-06	0	59.854	80.000	ug/L	74.8	77.0	23	52 - 112
		Matrix Spike Duplicate	0712930-06	0	61.634	80.000	ug/L	2.9	77.8	23	52 - 112
4-Chloro-3-methylphenol	BRA0482	Matrix Spike	0712930-06	0	68.641	80.000	ug/L	85.8	87.9	16	43 - 141
		Matrix Spike Duplicate	0712930-06	0	70.301	80.000	ug/L	2.4	80.3	20	43 - 141
2-Chlorophenol	BRA0482	Matrix Spike	0712930-06	0	63.328	80.000	ug/L	79.2	81.0	17	47 - 111
		Matrix Spike Duplicate	0712930-06	0	64.216	80.000	ug/L	1.4	81.0	17	47 - 111
2-Methylphenol	BRA0482	Matrix Spike	0712930-06	0	63.976	80.000	ug/L	80.0	81.0	17	48 - 112
		Matrix Spike Duplicate	0712930-06	0	64.831	80.000	ug/L	1.2	81.0	17	48 - 112



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	Control Limits		
								Percent Recovery	RPD	Percent Recovery Lab Quals
3- & 4-Methylphenol	BRA0482	Matrix Spike	0712930-06	0	104.15	80.000	ug/L	130	17	78 - 199
		Matrix Spike Duplicate	0712930-06	0	107.43	80.000	ug/L			
4-Nitrophenol	BRA0482	Matrix Spike	0712930-06	0	20.100	80.000	ug/L	25.1	15	13 - 86 Q02
		Matrix Spike Duplicate	0712930-06	0	37.744	80.000	ug/L			
Pentachlorophenol	BRA0482	Matrix Spike	0712930-06	0	79.501	80.000	ug/L	99.4	38	32 - 148
		Matrix Spike Duplicate	0712930-06	0	83.935	80.000	ug/L			
Phenol	BRA0482	Matrix Spike	0712930-06	0	34.777	80.000	ug/L	43.5	18	14 - 75
		Matrix Spike Duplicate	0712930-06	0	35.317	80.000	ug/L			
2,4,6-Trichlorophenol	BRA0482	Matrix Spike	0712930-06	0	68.738	80.000	ug/L	85.9	18	47 - 130
		Matrix Spike Duplicate	0712930-06	0	69.449	80.000	ug/L			
2-Fluorophenol (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	53.424	80.000	ug/L	66.8	69.2	39 - 96
		Matrix Spike Duplicate	0712930-06	ND	55.390	80.000	ug/L			
Phenol-d5 (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	35.784	80.000	ug/L	44.7	16 - 79	16 - 79
		Matrix Spike Duplicate	0712930-06	ND	37.255	80.000	ug/L			
Nitrobenzene-d5 (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	73.964	80.000	ug/L	92.5	64 - 131	64 - 131
		Matrix Spike Duplicate	0712930-06	ND	77.908	80.000	ug/L			
2-Fluorobiphenyl (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	65.393	80.000	ug/L	81.7	79.4	53 - 123
		Matrix Spike Duplicate	0712930-06	ND	63.494	80.000	ug/L			
2,4,6-Tribromophenol (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	78.019	80.000	ug/L	97.5	99.4	56 - 141
		Matrix Spike Duplicate	0712930-06	ND	79.546	80.000	ug/L			
p-Terphenyl-d14 (Surrogate)	BRA0482	Matrix Spike	0712930-06	ND	42.344	40.000	ug/L	106	87.5	47 - 145
		Matrix Spike Duplicate	0712930-06	ND	35.010	40.000	ug/L			



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## Total Petroleum Hydrocarbons

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source	Source	Spike	RPD	Percent	Control Limits	
			Sample ID	Result	Added		Recovery	RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BRA0500	Matrix Spike	0712930-69	30.305	367.33	500.00	ug/L	67.4	36 - 130
		Matrix Spike Duplicate	0712930-69	30.305	372.63	500.00	ug/L	1.6	68.5
Tetracosane (Surrogate)	BRA0500	Matrix Spike	0712930-69	ND	12.126	20.000	ug/L	60.6	28 - 139
		Matrix Spike Duplicate	0712930-69	ND	13.346	20.000	ug/L	66.7	28 - 139



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## EPA Method 1664

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	Control Limits			
								RPD	Percent Recovery	RPD	Percent Recovery Lab Quals
Oil and Grease	BRA0224	Duplicate	0715365-02	9.6500	8.8000		mg/L	9.2		18	
		Matrix Spike	0714775-44	0.25000	27.400	38.200	mg/L		71.1	78 - 114	Q03
		Matrix Spike Duplicate	0714775-44	0.25000	30.750	38.200	mg/L	11.5	79.8	18	78 - 114

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## Water Analysis (Metals)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source	Source	Spike		Control Limits			
			Sample ID	Result	Added	Units	Percent Recovery	RPD	Percent Recovery	RPD
Total Chromium	BRA0091	Duplicate	0715406-01	26.283	25.299	ug/L	3.8	20		
		Matrix Spike	0715406-01	26.283	225.62	ug/L	99.7		75 - 125	
		Matrix Spike Duplicate	0715406-01	26.283	226.85	ug/L	100	20	75 - 125	



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits				
								Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
Benzene	BRA0044	BRA0044-BS1	LCS	24.390	25.000	0.50	ug/L	97.6		70 - 130		
Bromodichloromethane	BRA0044	BRA0044-BS1	LCS	27.070	25.000	0.50	ug/L	108		70 - 130		
Chlorobenzene	BRA0044	BRA0044-BS1	LCS	26.930	25.000	0.50	ug/L	108		70 - 130		
Chloroethane	BRA0044	BRA0044-BS1	LCS	26.940	25.000	0.50	ug/L	108		70 - 130		
1,4-Dichlorobenzene	BRA0044	BRA0044-BS1	LCS	26.960	25.000	0.50	ug/L	108		70 - 130		
1,1-Dichloroethane	BRA0044	BRA0044-BS1	LCS	23.710	25.000	0.50	ug/L	94.8		70 - 130		
1,1-Dichloroethene	BRA0044	BRA0044-BS1	LCS	25.300	25.000	0.50	ug/L	101		70 - 130		
Toluene	BRA0044	BRA0044-BS1	LCS	26.950	25.000	0.50	ug/L	108		70 - 130		
Trichloroethene	BRA0044	BRA0044-BS1	LCS	27.460	25.000	0.50	ug/L	110		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRA0044	BRA0044-BS1	LCS	9.9200	10.000		ug/L	99.2		76 - 114		
Toluene-d8 (Surrogate)	BRA0044	BRA0044-BS1	LCS	10.000	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRA0044	BRA0044-BS1	LCS	9.9400	10.000		ug/L	99.4		86 - 115		



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits		
								Percent Recovery	RPD	Percent Recovery
Acenaphthene	BRA0482	BRA0482-BS1	LCS	66.680	80.000	2.0	ug/L	83.4	48 - 138	
1,4-Dichlorobenzene	BRA0482	BRA0482-BS1	LCS	59.317	80.000	2.0	ug/L	74.1	47 - 119	
2,4-Dinitrotoluene	BRA0482	BRA0482-BS1	LCS	63.036	80.000	2.0	ug/L	78.8	53 - 123	
Hexachlorobenzene	BRA0482	BRA0482-BS1	LCS	69.599	80.000	2.0	ug/L	87.0	62 - 131	
Hexachlorobutadiene	BRA0482	BRA0482-BS1	LCS	52.580	80.000	1.0	ug/L	65.7	36 - 122	
Hexachloroethane	BRA0482	BRA0482-BS1	LCS	57.209	80.000	2.0	ug/L	71.5	42 - 116	
Nitrobenzene	BRA0482	BRA0482-BS1	LCS	55.599	80.000	2.0	ug/L	69.5	58 - 122	
N-Nitrosodi-N-propylamine	BRA0482	BRA0482-BS1	LCS	55.809	80.000	2.0	ug/L	69.8	53 - 105	
Pyrene	BRA0482	BRA0482-BS1	LCS	66.145	80.000	2.0	ug/L	82.7	34 - 158	
1,2,4-Trichlorobenzene	BRA0482	BRA0482-BS1	LCS	57.776	80.000	2.0	ug/L	72.2	50 - 116	
4-Chloro-3-methylphenol	BRA0482	BRA0482-BS1	LCS	68.420	80.000	5.0	ug/L	85.5	48 - 138	
2-Chlorophenol	BRA0482	BRA0482-BS1	LCS	60.432	80.000	2.0	ug/L	75.5	49 - 110	
2-Methylphenol	BRA0482	BRA0482-BS1	LCS	61.793	80.000	2.0	ug/L	77.2	51 - 109	
3- & 4-Methylphenol	BRA0482	BRA0482-BS1	LCS	104.11	80.000	2.0	ug/L	130	92 - 181	
4-Nitrophenol	BRA0482	BRA0482-BS1	LCS	35.723	80.000	2.0	ug/L	44.7	15 - 81	
Pentachlorophenol	BRA0482	BRA0482-BS1	LCS	80.803	80.000	10	ug/L	101	41 - 137	
Phenol	BRA0482	BRA0482-BS1	LCS	34.775	80.000	2.0	ug/L	43.5	27 - 56	
2,4,6-Trichlorophenol	BRA0482	BRA0482-BS1	LCS	67.319	80.000	5.0	ug/L	84.1	50 - 128	
2-Fluorophenol (Surrogate)	BRA0482	BRA0482-BS1	LCS	53.212	80.000		ug/L	66.5	39 - 96	
Phenol-d5 (Surrogate)	BRA0482	BRA0482-BS1	LCS	36.575	80.000		ug/L	45.7	16 - 79	
Nitrobenzene-d5 (Surrogate)	BRA0482	BRA0482-BS1	LCS	72.186	80.000		ug/L	90.2	64 - 131	
2-Fluorobiphenyl (Surrogate)	BRA0482	BRA0482-BS1	LCS	61.912	80.000		ug/L	77.4	53 - 123	
2,4,6-Tribromophenol (Surrogate)	BRA0482	BRA0482-BS1	LCS	78.305	80.000		ug/L	97.9	56 - 141	



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits				
								Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
p-Terphenyl-d14 (Surrogate)	BRA0482	BRA0482-BS1	LCS	35.377	40.000		ug/L	88.4		47 - 145		

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## Total Petroleum Hydrocarbons

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits		
								Percent Recovery	RPD	Percent Recovery
Diesel Range Organics (C12 - C24)	BRA0500	BRA0500-BS1	LCS	394.65	500.00	50	ug/L	78.9		48 - 125
Tetracosane (Surrogate)	BRA0500	BRA0500-BS1	LCS	16.149	20.000		ug/L	80.7		28 - 139



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## EPA Method 1664

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits				
								Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
Oil and Grease	BRA0224	BRA0224-BS1	LCS	32.050	38.200	5.0	mg/L	83.9		78 - 114		



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## Water Analysis (Metals)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits				
								Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
Total Chromium	BRA0091	BRA0091-BS1	LCS	200.76	200.00	10	ug/L	100		85 - 115		



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Bromobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Bromochloromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Bromoform	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Bromomethane	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
n-Butylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
sec-Butylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
tert-Butylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Carbon tetrachloride	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Chlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Chloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Chloroform	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Chloromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
2-Chlorotoluene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
4-Chlorotoluene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2-Dibromo-3-chloropropane	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
1,2-Dibromoethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Dibromomethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		

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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,1-Dichloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Total 1,2-Dichloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
1,2-Dichloropropane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,3-Dichloropropane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
2,2-Dichloropropane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1-Dichloropropene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Total 1,3-Dichloropropene	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
Ethylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Hexachlorobutadiene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Isopropylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
p-Isopropyltoluene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Methylene chloride	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Naphthalene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
n-Propylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Styrene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1,1,2-Tetrachloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		



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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Tetrachloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Toluene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2,3-Trichlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2,4-Trichlorobenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Trichloroethene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2,3-Trichloropropane	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,2,4-Trimethylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
1,3,5-Trimethylbenzene	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Vinyl chloride	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Total Xylenes	BRA0044	BRA0044-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRA0044	BRA0044-BLK1	ND	ug/L	10		
Diisopropyl ether	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Ethanol	BRA0044	BRA0044-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRA0044	BRA0044-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRA0044	BRA0044-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRA0044	BRA0044-BLK1	92.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRA0044	BRA0044-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRA0044	BRA0044-BLK1	114	%	86 - 115 (LCL - UCL)		

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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Acenaphthene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Acenaphthylene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Anthracene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzo[a]anthracene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzo[b]fluoranthene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzo[k]fluoranthene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzo[a]pyrene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzo[g,h,i]perylene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzoic acid	BRA0482	BRA0482-BLK1	ND	ug/L	10		
Benzyl alcohol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Benzyl butyl phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
bis(2-Chloroethoxy)methane	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
bis(2-Chloroethyl) ether	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
bis(2-Chloroisopropyl)ether	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
bis(2-Ethylhexyl)phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	4.0		
4-Bromophenyl phenyl ether	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4-Chloroaniline	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2-Chloronaphthalene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4-Chlorophenyl phenyl ether	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Chrysene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Dibenzof[a,h]anthracene	BRA0482	BRA0482-BLK1	ND	ug/L	3.0		
Dibenzofuran	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
1,2-Dichlorobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
1,3-Dichlorobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		



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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,4-Dichlorobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
3,3-Dichlorobenzidine	BRA0482	BRA0482-BLK1	ND	ug/L	10		
Diethyl phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Dimethyl phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Di-n-butyl phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2,4-Dinitrotoluene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2,6-Dinitrotoluene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Di-n-octyl phthalate	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Fluoranthene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Fluorene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Hexachlorobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Hexachlorobutadiene	BRA0482	BRA0482-BLK1	ND	ug/L	1.0		
Hexachlorocyclopentadiene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Hexachloroethane	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Indeno[1,2,3-cd]pyrene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Isophorone	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2-Methylnaphthalene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Naphthalene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2-Nitroaniline	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
3-Nitroaniline	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4-Nitroaniline	BRA0482	BRA0482-BLK1	ND	ug/L	5.0		
Nitrobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
N-Nitrosodi-N-propylamine	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
N-Nitrosodiphenylamine	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		

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## Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Phenanthrene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Pyrene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
1,2,4-Trichlorobenzene	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4-Chloro-3-methylphenol	BRA0482	BRA0482-BLK1	ND	ug/L	5.0		
2-Chlorophenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2,4-Dichlorophenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2,4-Dimethylphenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4,6-Dinitro-2-methylphenol	BRA0482	BRA0482-BLK1	ND	ug/L	10		
2,4-Dinitrophenol	BRA0482	BRA0482-BLK1	ND	ug/L	10		
2-Methylphenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
3- & 4-Methylphenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2-Nitrophenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
4-Nitrophenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
Pentachlorophenol	BRA0482	BRA0482-BLK1	ND	ug/L	10		
Phenol	BRA0482	BRA0482-BLK1	ND	ug/L	2.0		
2,4,5-Trichlorophenol	BRA0482	BRA0482-BLK1	ND	ug/L	5.0		
2,4,6-Trichlorophenol	BRA0482	BRA0482-BLK1	ND	ug/L	5.0		
2-Fluorophenol (Surrogate)	BRA0482	BRA0482-BLK1	63.3	%	39 - 96 (LCL - UCL)		
Phenol-d5 (Surrogate)	BRA0482	BRA0482-BLK1	43.4	%	16 - 79 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BRA0482	BRA0482-BLK1	91.9	%	64 - 131 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BRA0482	BRA0482-BLK1	83.1	%	53 - 123 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BRA0482	BRA0482-BLK1	98.0	%	56 - 141 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BRA0482	BRA0482-BLK1	96.4	%	47 - 145 (LCL - UCL)		



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## Total Petroleum Hydrocarbons

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRA0500	BRA0500-BLK1	ND	ug/L	50		M02
Tetracosane (Surrogate)	BRA0500	BRA0500-BLK1	68.7	%	28 - 139 (LCL - UCL)		



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## EPA Method 1664

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BRA0224	BRA0224-BLK1	ND	mg/L	5.0		



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## Water Analysis (Metals)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Chromium	BRA0091	BRA0091-BLK1	ND	ug/L	10		



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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.  
M02 Analyte detected in the Method Blank at a level between the PQL and 1/2 the PQL.  
Q02 Matrix spike precision is not within the control limits.  
Q03 Matrix spike recovery(s) is(are) not within the control limits.

Submission #: 0715411

Project Code:

TB Batch #

## SHIPPING INFORMATION

Federal Express  UPS  Hand Delivery   
 BC Lab Field Service  Other  (Specify) \_\_\_\_\_

## SHIPPING CONTAINER

Ice Chest  Box   
 None  Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_  
 Intact? Yes  No

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

COC Received  
 YES       NO

Ice Chest ID Red  
 Temperature: 3.1 °C  
 Thermometer ID: 55-48

Emissivity -95  
 Container PEPSI

Date/Time 12/31/07  
 Analyst Init RML

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										B
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	1	1	1	1	1	1	1	1	1	1
QT EPA 413.1, 413.2, 418.1	1	1	1	1	1	1	1	1	1	1
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL -504										
QT EPA 508/608/3080										YEMI 12/31
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 53L1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_

Sample Numbering Completed By: 12AC

Date/Time: 12/31/07 9:00

BC LABORATORIES INC.

## SAMPLE RECEIPT FORM

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Submission #: 0715411

Project Code:

TB Batch #

## SHIPPING INFORMATION

Federal Express  UPS  Hand Delivery   
 BC Lab Field Service  Other  (Specify) \_\_\_\_\_

## SHIPPING CONTAINER

Ice Chest   
 Box

None   
 Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

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

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

COC Received  
 YES  NO

Ice Chest ID Blue  
 Temperature: 4.6 °C  
 Thermometer ID: H-48

Emissivity -9.7  
 Container VOAS

Date/Time 12/31/07  
 Analyst Init RML7

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

Comments: -7 1 VOA S945 (mv ~~#7~~) COC says MW-5

Sample Numbering Completed By: CIBC

Date/Time: 12/31/07 9:20



# BC LABORATORIES, INC.

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

## CHAIN OF CUSTODY

### Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		<b>MATRIX</b> (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	BTEX/MTBE by 8260B	EDB/EDC by 8260R	Turnaround Time Requested	
Address: 3070 Foothill Ave		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan													
City: Oakland		4-digit site#: 4625 Workorder # 01285.00-4509118527													
State: CA	Zip:	Project #: 15471													
Conoco Phillips Mgr: Bill Borgh		Sampler Name: Andrew Vanders													
Lab#	Sample Description	Field Point Name			Date & Time Sampled										
	MW-9	i-	12/26/01		0735	GW				X	X	X	X		STD
	MW-8	-2			0757					X			X		
	MW-1	-3		0824								X			
	MW-2	-4		0845								X			
	MW-7	-5		1118					X			X			
	MW-6	-6		0937					X			X			
	MW-5	-7		1016					X			X			
	MW-4	-8		1100					↓	↓	↓	X	↓		
Comments: Run 8 OXYS by 8260 on all 8260 MTBE lots		Relinquished by: (Signature)				Received by: (Signature)		Date & Time							
		<i>[Signature]</i>				<i>[Signature]</i>		12/26/01 1230							
GLOBAL ID: T0600102156		Relinquished by: (Signature)				Received by: (Signature)		Date & Time							
		<i>[Signature]</i>				<i>[Signature]</i>		12/26/01 11:30							
		Relinquished by: (Signature)				Received by: (Signature)		Date & Time							
		<i>[Signature]</i>				<i>[Signature]</i>									

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## CHAIN OF CUSTODY

## Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		<b>MATRIX</b> (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015						
Address: 3070 Fruitvale Ave		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan			<del>Full Scan 8260P including OXYS</del>						
City: Oakland		4-digit site#: A625									
		Workorder #									
State: CA	Zip:	Project #: 151771									
Conoco Phillips Mgr: Bill Burgh		Sampler Name: Andrew Vanders									
Lab#	Sample Description	Field Point Name	Date & Time Sampled								
	MW-3	-9	12/26/07 1037	6W	X	X					
Comments: Same as pg. 1 of 2		Relinquished by: (Signature)			Received by: <i>Stored in refrigerator</i>		Date & Time 12/26/07 1230				
GLOBAL ID: T0600102156		Relinquished by: (Signature)			Received by: <i>P.B/MS BCL</i>		Date & Time 12/26/07 1125				
		Relinquished by: (Signature)			Received by: <i>P.B/MS BCL</i>		Date & Time				
		<i>P.B/MS BCL U1A 650 12/28/07 1810</i>									

## **STATEMENTS**

### **Purge Water Disposal**

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

### **Limitations**

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