R0298

Shaw™ Shaw Environmental, Inc.
4005 Port Chicago Hwy
Concord, California 94520

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Report
Second Quarter – 2005
76 Service Station #4625
3070 Fruitvale Avenue
Oakland, CA

Dear Mr. Hwang:

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

If you have any questions or need additional information, please call me at (916) 558-7609.

Sincerely,

Shelby Suzanne Lathrop
Project Manager
Shaw Environmental, Inc.
Approved service provider of ConocoPhillips -Risk Management & Remediation
Cell: 707-592-1146

Client Contact Information:
ConocoPhillips
76 Broadway
Sacramento, California 95818
Client office: 916-558-7609
Client fax: 916-558-7639

Attachment
cc: Liz Sewell, ConocoPhillips

TRC

Customer-Focused Solutions

July 29, 2005 TRC Project No. 42014504

Mr. Don Hwang
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Second Quarter 2005
76 Service Station #4625, 3070 Fruitvale Avenue, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Second Quarter 2005 Quarterly Status Report for the subject site, shown on the attached Figures 3 through 5.

PREVIOUS ASSESSMENTS

The site is currently an active service station located on the southeast corner of Fruitvale Avenue and School Street in Oakland, California.

April/May 1998: The gasoline underground storage tanks (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.

SENSITIVE RECEPTORS

An irrigation well is located 1,700 feet south-southeast of the site.

MONITORING AND SAMPLING

Currently, seven wells are monitored and six wells are sampled quarterly. The groundwater gradient and flow direction were 0.02 foot/foot to the west.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of six wells, with a maximum concentration of 5,100 micrograms per liter (µg/l) in MW-5.

Benzene was detected in three of six wells, with a maximum concentration of 240 µg/l in MW-5.

MTBE was detected in three of six wells, with a maximum concentration of 420 µg/l in MW-5.

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.

RECENT CORRESPONDENCE

May 20, 2005: TRC submitted the Additional Soil and Groundwater Investigation Work Plan to Alameda County Environmental Health Services (ACEHS).

As of July 20, 2005, ACEHS supplied a communication detailing required modifications which would be needed prior to authorization. These modifications will be implemented and a new work plan submitted within 45 days.

CURRENT QUARTER ACTIVITIES

June 22, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

NEXT QUARTER ACTIVITIES

Continue quarterly monitoring and sampling to assess plume stability and concentration trends at key wells. Prepare and submit a revised work plan to ACEHS, and as appropriate schedule and conduct additional site assessment.

If you have any questions regarding this report, please call me at (925) 688-2466.

Sincerely,

TRC

Roger Batra
Senior Project Manager

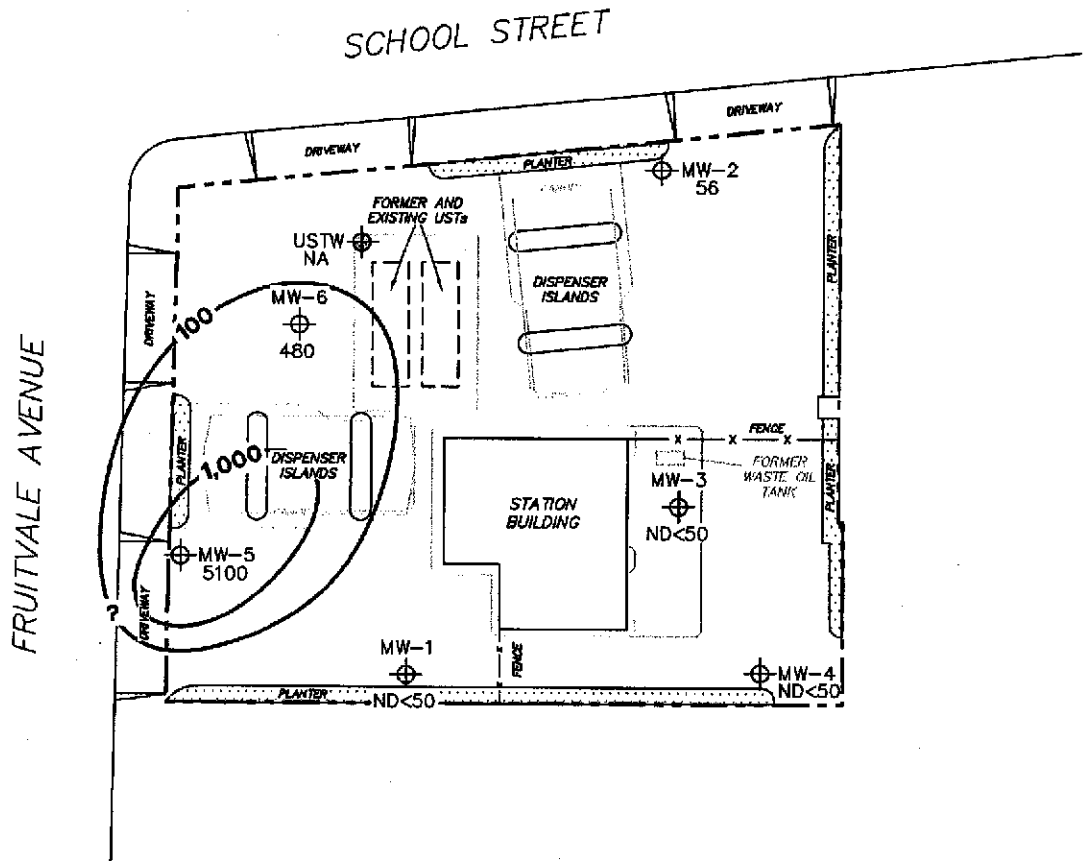
Attachments:

Figure 3 – Dissolved-Phase TPPH Concentration Map, June 22, 2005, from Quarterly Monitoring Report, April through June 2005, dated July 21, 2005 by TRC.

Figure 4 – Dissolved-Phase Benzene Concentration Map, June 22, 2005, from Quarterly Monitoring Report, April through June 2005, dated July 21, 2005 by TRC.

Figure 5 – Dissolved-Phase MTBE Concentration Map, June 22, 2005, from Quarterly Monitoring Report, April through June 2005, dated July 21, 2005 by TRC.

cc: Shelby Lathrop, ConocoPhillips (electronic upload)



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NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPPH = total purgeable petroleum hydrocarbons.
µg/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.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

USTW ⊕ UST Observation Well

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

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

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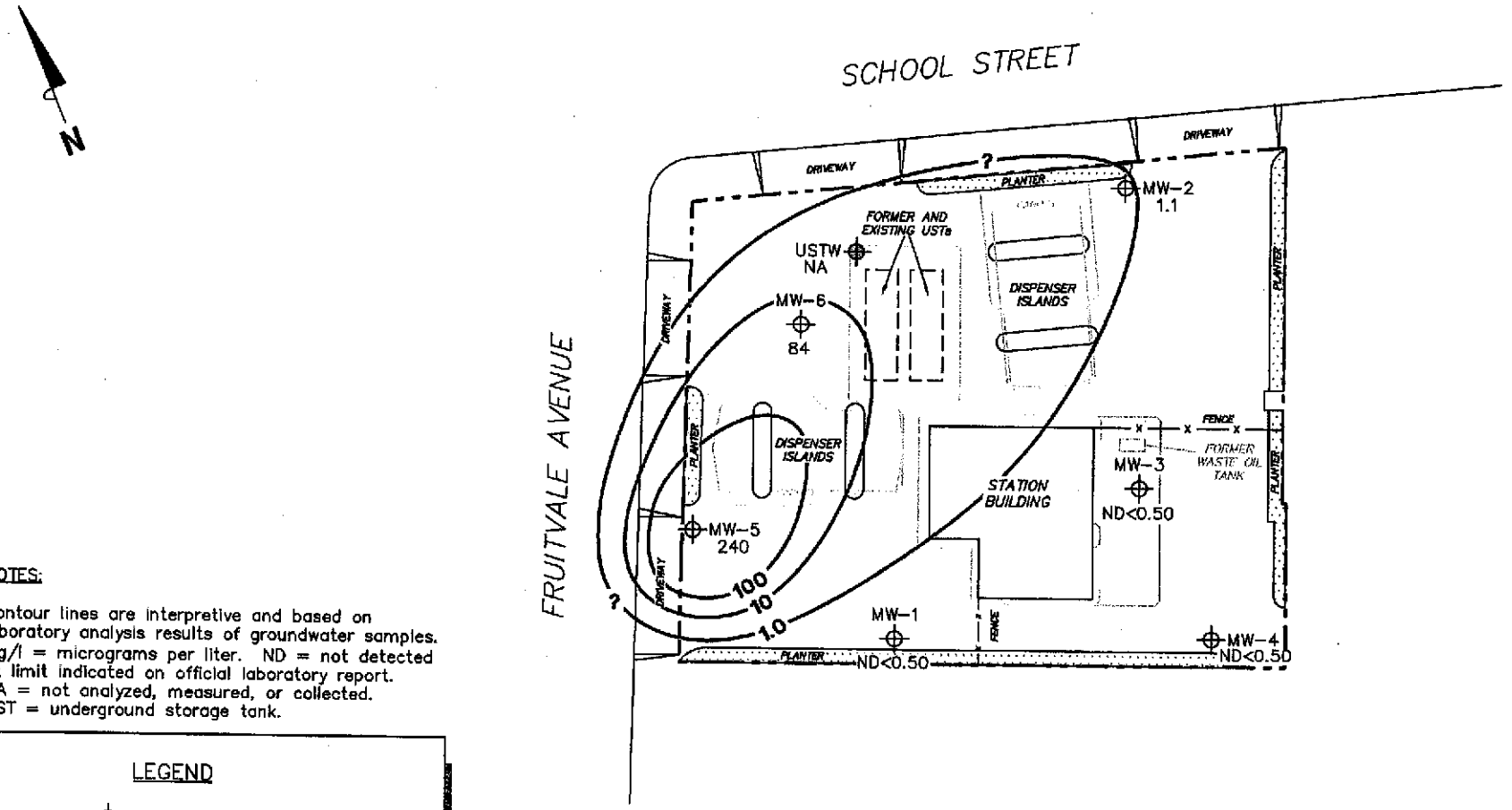

NOTES:

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

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

USTW ⊕ UST Observation Well

100 Dissolved-Phase Benzene Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

TRC

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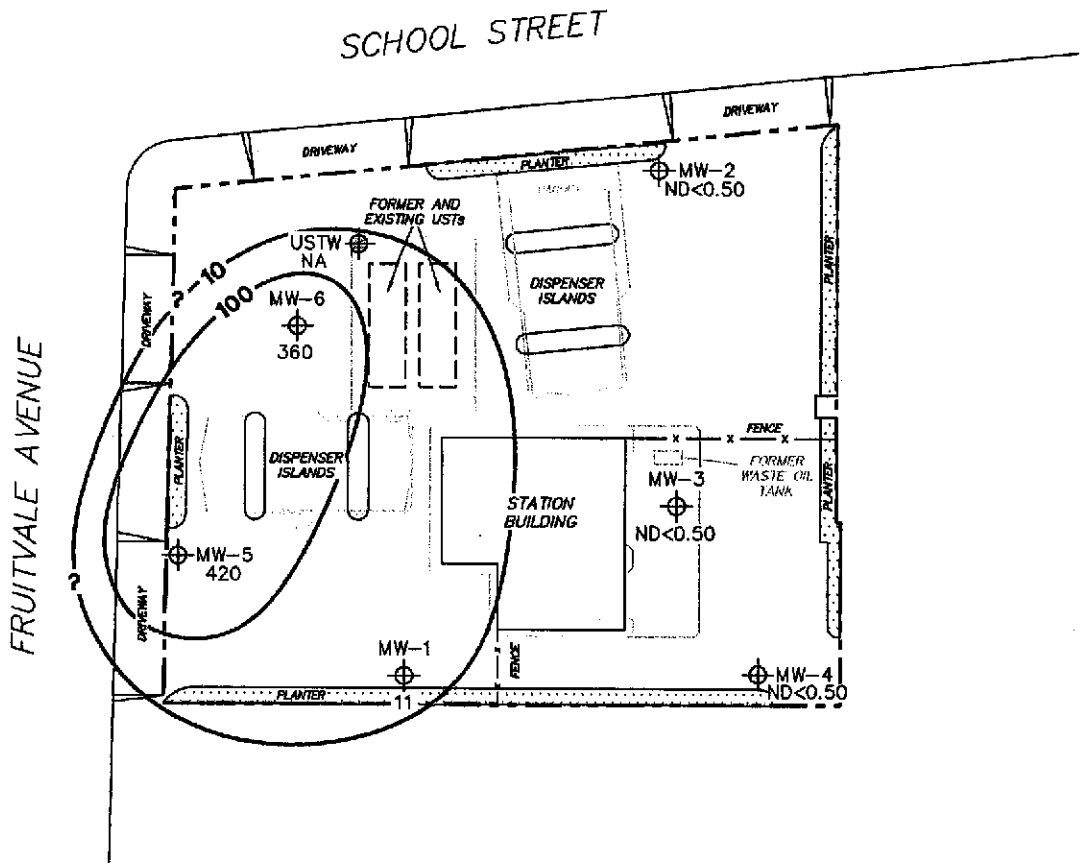

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

USTW ⊕ UST Observation Well

100 Dissolved-Phase MTBE Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

TRC

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TRC

Customer-Focused Solutions

July 21, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 4625
3070 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2005

Dear Mrs. Lathrop:

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) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Roger Batra, TRC (2 copies)

Enclosures
20-0400/4625R07.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

TRC

Customer-Focused Solutions

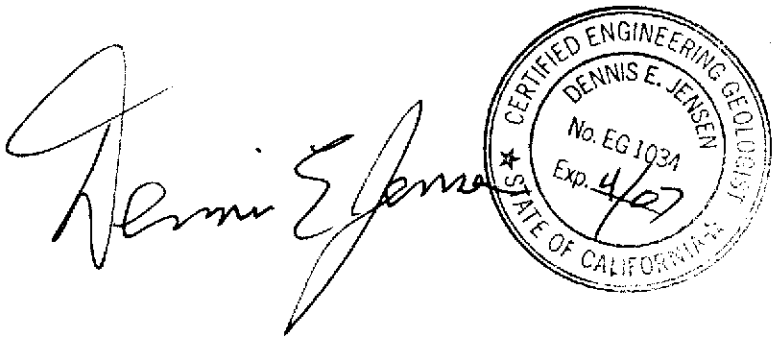
QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

Prepared For:

Ms. Shelby Lathrop
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
July 20, 2005

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results Table 3b: Additional Analytical Results Table 3c: Additional Analytical Results Table 3d: Additional Analytical Results Table 3e: Additional Analytical Results Table 3f: Additional Analytical Results Table 4a: Additional Analytical Results Table 4b: Additional Analytical Results Table 4c: Additional Analytical Results Table 4d: Additional Analytical Results Table 4e: Additional Analytical Results Table 4f: Additional Analytical Results Table 4g: Additional Analytical Results Table 4h: Additional Analytical Results Table 4i: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH 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 Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2005 through June 2005
76 Station 4625
3070 Fruitvale Avenue
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Tim Simpkins**
Date(s) of Gauging/Sampling Event: **06/22/05**

Sample Points

Groundwater wells: **7** onsite, **0** offsite Wells gauged: **7** Wells sampled: **6**
Purging method: **Diaphragm 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: **6.83 feet** Maximum: **8.62 feet**
Average groundwater elevation (relative to available local datum): **130.57 feet**
Average change in groundwater elevation since previous event: **-2.07 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, west**
Previous event: **0.03 ft/ft, southwest (03/25/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **240 µg/l (MW-5)**

Wells with **TPPH 8260B**	**3**	Maximum: **5,100 µg/l (MW-5)**
Wells with **MTBE**	**3**	Maximum: **420 µg/l (MW-5)**

Notes:

USTW=Monitored Only,

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

TABLES

TABLE KEY

STANDARD ABREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

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

NOTES

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 22, 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	137.57	6.83	0.00	130.74	-0.60	--	ND<50	ND<0.50	0.23J	ND<0.50	ND<1.0	--	11	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	139.85	8.21	0.00	131.64	-2.36	--	56	1.1	ND<0.50	1.3	1.5	--	ND<0.50	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	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	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	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	
MW-5		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	137.66	8.62	0.00	129.04	-1.50	--	5100	240	110	320	1100	--	420	
MW-6		**(Screen Interval in feet: 5.0-25.0)**												
06/22/05	138.88	7.83	0.00	131.05	-2.00	--	480	84	2.4	23	72	--	360	
USTW		**(Screen Interval in feet: DNA)**												
06/22/05	--	7.63	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through June 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	136.36	11.81	0.00	124.55	--	ND	--	ND	ND	ND	ND	11	14	
07/28/00	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	
02/09/01	136.36	7.95	0.00	128.41	-0.05	ND	--	ND	ND	ND	ND	9.0	9.0	
05/11/01	136.36	7.22	0.00	129.14	0.73	ND	--	ND	ND	ND	ND	12.7	16.3	
08/10/01	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	
11/07/01	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	
02/06/02	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	
05/08/02	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	
08/09/02	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	
02/14/03	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	
05/03/03	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	
08/01/03	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	
01/29/04	137.57	6.72	0.00	130.85	2.02	--	74	ND<0.50	4.3	ND<0.50	ND<1.0	--	12	
05/27/04	137.57	7.98	0.00	129.59	-1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	16	
08/31/04	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	
03/25/05	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	
06/22/05	137.57	6.83	0.00	130.74	-0.60	--	ND<50	ND<0.50	0.23J	ND<0.50	ND<1.0	--	11	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	138.64	8.59	0.00	130.05	--	2400	--	53	ND	ND	240	ND	ND	
07/28/00	138.64	9.95	0.00	128.69	-1.36	2200	--	680	4.1	57	270	24	ND	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through June 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
10/29/00	138.64	8.38	0.00	130.26	1.57	490	--	67	ND	23	22	ND	--	
02/09/01	138.64	8.41	0.00	130.23	-0.03	ND	--	3.1	ND	0.52	1.1	ND	--	
05/11/01	138.64	8.93	0.00	129.71	-0.52	ND	--	1.99	ND	ND	ND	ND	--	
08/10/01	138.64	10.68	0.00	127.96	-1.75	96	--	20	ND<0.50	2.1	9.4	ND<5.0	--	
11/07/01	138.64	10.01	0.00	128.63	0.67	480	--	110	ND<1.0	26	42	ND<10	--	
02/06/02	138.64	8.10	0.00	130.54	1.91	69	--	13	ND<0.50	0.84	4.4	ND<5.0	--	
05/08/02	138.64	9.16	0.00	129.48	-1.06	53	--	13	ND<0.50	1.2	1.5	ND<5.0	--	
08/09/02	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	
02/14/03	139.85	8.19	0.00	131.66	2.83	--	130	12	ND<0.50	7.4	5.4	--	ND<2.0	
05/03/03	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	
08/01/03	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	
01/29/04	139.85	8.35	0.00	131.50	2.71	--	98	4.3	ND<0.50	1.5	3.6	--	ND<2.0	
05/27/04	139.85	9.66	0.00	130.19	-1.31	--	58	1.2	ND<0.50	0.87	1.1	--	ND<0.50	
08/31/04	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	
03/25/05	139.85	5.85	0.00	134.00	2.36	--	240	3.5	ND<0.50	4.4	6.5	--	ND<0.50	
06/22/05	139.85	8.21	0.00	131.64	-2.36	--	56	1.1	ND<0.50	1.3	1.5	--	ND<0.50	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	137.68	7.60	0.00	130.08	--	ND	--	ND	ND	ND	ND	ND	ND	
07/28/00	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	--	
02/09/01	137.68	7.40	0.00	130.28	-0.07	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through June 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
05/11/01	137.68	7.90	0.00	129.78	-0.50	ND	--	ND	ND	ND	ND	ND	--	
08/10/01	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	--	
11/07/01	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	--	
02/06/02	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	--	
05/08/02	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	--	
08/09/02	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	
02/14/03	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	
05/03/03	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	
08/01/03	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	
01/29/04	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	
05/27/04	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	
08/31/04	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	
03/25/05	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	
06/22/05	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	
MW-4 (Screen Interval in feet: 5.0-25.0)														
05/03/00	136.60	6.48	0.00	130.12	--	ND	--	ND	ND	ND	ND	ND	ND	
07/28/00	136.60	7.55	0.00	129.05	-1.07	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	--	
02/09/01	136.60	6.14	0.00	130.46	-0.02	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	136.60	7.51	0.00	129.09	-1.37	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through June 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
08/10/01	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	--	
11/07/01	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	--	
02/06/02	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	--	
05/08/02	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	--	
08/09/02	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	
02/14/03	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	
05/03/03	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	
08/01/03	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	
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	
01/29/04	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	
05/27/04	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	
08/31/04	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	
03/25/05	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	
06/22/05	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	
MW-5	**(Screen Interval in feet: 5.0-25.0)**													
11/26/02	--	9.89	0.00	--	--	--	2500	350	39	32	640	--	470	
02/14/03	137.66	8.65	0.00	129.01	--	--	6600	920	210	430	1300	--	960	
05/03/03	137.66	8.23	0.00	129.43	0.42	--	33000	2400	2200	2000	7600	--	1500	
08/01/03	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	
01/29/04	137.66	8.70	0.00	128.96	1.88	--	6300	750	56	400	1000	--	1100	
05/27/04	137.66	9.59	0.00	128.07	-0.89	--	4600	260	15	300	840	--	400	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through June 2005
76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
08/31/04	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	
03/25/05	137.66	7.12	0.00	130.54	1.42	--	53000	1400	660	1600	6400	--	1000	
06/22/05	137.66	8.62	0.00	129.04	-1.50	--	5100	240	110	320	1100	--	420	
MW-6 (Screen Interval in feet: 5.0-25.0)														
11/26/02	--	9.19	0.00	--	--	--	11000	1200	2000	400	2300	--	490	
02/14/03	138.88	7.76	0.00	131.12	--	--	13000	2300	1900	560	2300	--	360	
05/03/03	138.88	6.62	0.00	132.26	1.14	--	4300	1000	640	260	990	--	300	
08/01/03	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	
01/29/04	138.88	7.81	0.00	131.07	2.62	--	400	58	21	14	65	--	62	
05/27/04	138.88	9.11	0.00	129.77	-1.30	--	580	58	14	20	69	--	410	
08/31/04	138.88	9.76	0.00	129.12	-0.65	--	660	77	7.0	19	65	--	360	
11/18/04	138.88	7.68	0.00	131.20	2.08	--	660	92	19	20	80	--	130	
03/25/05	138.88	5.83	0.00	133.05	1.85	--	870	82	13	15	73	--	90	
06/22/05	138.88	7.83	0.00	131.05	-2.00	--	480	84	2.4	23	72	--	360	
USTW (Screen Interval in feet: DNA)														
05/03/00	--	8.00	0.00	--	--	--	--	--	--	--	--	--	--	
07/28/00	--	9.28	0.00	--	--	--	--	--	--	--	--	--	--	
10/29/00	--	7.75	0.00	--	--	--	--	--	--	--	--	--	--	
02/09/01	--	6.14	0.00	--	--	--	--	--	--	--	--	--	--	
05/11/01	--	7.96	0.00	--	--	--	--	--	--	--	--	--	--	
08/10/01	--	9.54	0.00	--	--	--	--	--	--	--	--	--	--	
11/07/01	--	9.33	0.00	--	--	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through June 2005

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
USTW continued														
02/06/02	--	8.08	0.00	--	--	--	--	--	--	--	--	--	--	
05/08/02	--	8.51	0.00	--	--	--	--	--	--	--	--	--	--	
08/09/02	--	9.56	0.00	--	--	--	--	--	--	--	--	--	--	
11/26/02	--	9.16	0.00	--	--	--	--	--	--	--	--	--	--	
05/03/03	--	6.25	0.00	--	--	--	--	--	--	--	--	--	--	
08/01/03	--	8.99	--	--	--	--	--	--	--	--	--	--	--	
10/30/03	--	10.44	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
01/29/04	--	6.52	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
05/27/04	--	8.98	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
08/31/04	--	9.75	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
11/18/04	--	7.39	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only-UST well
03/25/05	--	5.01	0.00	--	--	--	--	--	--	--	--	--	--	Monitor only
06/22/05	--	7.63	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chlorobenzene (µg/l)	2-Chloroethyl vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)
MW-1															
02/09/01	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--
05/11/01	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--
08/10/01	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
11/07/01	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	--	--	--
02/06/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/08/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
08/09/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
11/26/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/03/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
08/01/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
MW-3															
05/03/00	93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/28/00	ND	--	--	--	--	ND	--	--	--	--	--	2.7	--	--	--
10/29/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/09/01	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/11/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/10/01	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/01	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/06/02	ND<310	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/08/02	ND<53	--	--	--	--	--	--	--	--	--	--	0.56	0.69	--	--
08/09/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chlorobenzene (µg/l)	2-Chloroethy l vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)
MW-3 continued															
11/26/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/14/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/03/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/30/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/29/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<2.7	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/27/04	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/31/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
11/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
06/22/05	--	--	ND<0.50	ND<0.50	ND<2.0	ND<0.50	--	--	ND<0.50	--	ND<0.50	ND<0.50	--	ND<0.50	ND<2.0
MW-4															
02/14/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
MW-5															
11/26/02	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
05/03/03	--	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--
08/01/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--
03/25/05	--	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--
06/22/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
MW-6															

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chlorobenzene (µg/l)	2-Chloroethyl vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)
MW-6 continued															
11/26/02	--	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--
05/03/03	--	--	--	--	--	ND<100	--	--	--	--	--	--	--	--	--
08/01/03	--	--	--	--	--	ND<80	--	--	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
03/25/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
06/22/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Carbon tetra-chloride (µg/l)	2-Hexanone (µg/l)	Acetone (µg/l)	Chloro-form (µg/l)	1,1,1-Trichloro-ethane (µg/l)	Bromo-methane (µg/l)	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Carbon disulfide (µg/l)	Bromoform (µg/l)	Bromo-dichloro-methane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)
MW-3															
10/30/03	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/29/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/27/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/31/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
11/18/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/05	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
06/22/05	ND<0.50	--	--	0.17J	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-Dichloro-propane (µg/l)	MEK (µg/l)	1,1,2-Trichloro-ethane (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-1															
02/09/01	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
05/11/01	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
08/10/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/07/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<1.0	--	--
02/06/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/08/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/09/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.5	--	--
11/18/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
MW-3															
07/28/00	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
11/07/01	--	--	--	--	--	0.55	--	--	--	--	--	--	--	--	--
05/08/02	--	--	--	--	--	0.86	--	--	--	--	--	--	--	--	--
10/30/03	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
01/29/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
05/27/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
08/31/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
11/18/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
03/25/05	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
06/22/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	0.25J	ND<0.50	ND<2.0	--	--	--	--	--	--	--

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-Dichloro-propane (µg/l)	MEK (µg/l)	1,1,2-Trichloro-ethane (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-4															
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
MW-5															
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<200	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<10	--	--
01/29/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--
11/18/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<10	--	--
03/25/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<25	--	--
06/22/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
MW-6															
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<40	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<40	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<80	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
01/29/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--
11/18/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
03/25/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
06/22/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	1,2,4-Trichloro-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,3-Dichloro-propane (µg/l)	1,1-Dichloro-propene (µg/l)	2,2-Dichloro-propane (µg/l)	1,1,1,2-Tetrachloro ethane (µg/l)	Dibromo-methane (µg/l)	Bromo-chloro-methane (µg/l)	1,2,3-Trichloro-benzene (µg/l)	HCBD (µg/l)	2-Chloro-toluene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	DBCP (µg/l)	tert-Butyl-benzene (µg/l)	Isopropyl-benzene (µg/l)
MW-3															
10/30/03	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	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<1.0	ND<0.50
01/29/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.7	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50
05/27/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	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<1.0	ND<0.50
08/31/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	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<1.0	ND<0.50
11/18/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	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<1.0	ND<0.50
03/25/05	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	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<1.0	ND<0.50
06/22/05	ND<2.0	--	--	--	--	--	--	--	--	ND<2.0	--	--	--	--	--

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-1															
02/09/01	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
05/11/01	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
08/10/01	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
11/07/01	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--	--
02/06/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/08/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
08/09/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
11/26/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<0.5	ND<5.0	ND<1.0	ND<0.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--	--	--	--	--	--	--
MW-3															
07/28/00	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
10/30/03	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--
01/29/04	ND<1.0	ND<1.0	--	--	--	--	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
05/27/04	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
08/31/04	ND<1.0	ND<1.0	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
11/18/04	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/05	ND<1.0	ND<1.0	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
06/22/05	--	ND<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4															
02/14/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-5															
11/26/02	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--	--	--	--	--	--	--
01/29/04	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<5.0	ND<50	ND<10	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<10	140	ND<20	ND<10	--	--	--	--	--	--	--	--	--
03/25/05	--	--	ND<25	ND<250	ND<25	ND<25	--	--	--	--	--	--	--	--	--
06/22/05	--	--	ND<0.50	16	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--	--
MW-6															
11/26/02	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<100	ND<5000	ND<100	ND<100	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
01/29/04	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<0.50	8.1	ND<1.0	ND<0.50	--	--	--	--	--	--	--	--	--
03/25/05	--	--	ND<0.50	45	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--	--
06/22/05	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--	--

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-1													
02/09/01	--	--	--	--	--	--	ND	--	--	--	--	--	--
05/11/01	--	--	--	--	--	--	ND	--	--	--	--	--	--
08/10/01	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
11/07/01	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
02/06/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
05/08/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
08/09/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
11/26/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
02/14/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
05/03/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
MW-2													
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<50	--	--	--	--	--	--

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-2 continued													
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
MW-3													
05/03/00	--	--	--	--	--	--	--	--	--	--	ND	ND	--
07/28/00	--	--	--	--	--	--	--	--	--	--	1.8	ND	--
10/29/00	--	--	--	--	--	--	--	--	--	--	ND	7.0	--
02/09/01	--	--	--	--	--	--	--	--	--	--	0.038	ND	--
05/11/01	--	--	--	--	--	--	--	--	--	--	ND	ND	--
08/10/01	--	--	--	--	--	--	--	--	--	--	ND<0.010	ND<5.0	--
11/07/01	--	--	--	--	--	--	--	--	--	--	ND<0.010	ND<5.0	--
02/06/02	--	--	--	--	--	--	--	--	--	--	0.11	ND<5.0	--
05/08/02	--	--	--	--	--	--	--	--	--	--	0.037	ND<5.2	--
08/09/02	--	--	--	--	--	--	--	--	--	--	0.70	ND<1.0	--
11/26/02	--	--	--	--	--	--	--	--	--	--	0.34	ND<1.0	--
02/14/03	--	--	--	--	--	--	--	--	--	--	0.074	ND<1.0	--
05/03/03	--	--	--	--	--	--	--	--	--	--	0.48	ND<1.0	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	0.28	ND<4.0	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	0.13	ND<1.0	--
01/29/04	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<500	ND<14	ND<2.7	ND<2.7	0.027	ND<1.0	--
05/27/04	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<50	ND<20	ND<4.0	ND<4.0	0.0061	ND<1.0	ND<4.0
08/31/04	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<10	ND<2.0	ND<2.0	1.0	1.2	ND<2.0
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	ND<0.0050	ND<5.0	--
03/25/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<10	ND<2.0	ND<2.0	ND<0.0050	ND<2.0	ND<2.0
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	0.024	ND<5.0	--
MW-4													
02/14/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-4 continued													
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
MW-5													
11/26/02	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--
02/14/03	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--
05/03/03	--	--	--	--	--	--	ND<50000	--	--	--	--	--	--
08/01/03	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<2500	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
11/18/04	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<2500	--	--	--	--	--	--
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
MW-6													
11/26/02	--	--	--	--	--	--	ND<10000	--	--	--	--	--	--
02/14/03	--	--	--	--	--	--	ND<10000	--	--	--	--	--	--
05/03/03	--	--	--	--	--	--	ND<25000	--	--	--	--	--	--
08/01/03	--	--	--	--	--	--	ND<20000	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-6 continued													
05/27/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--

Table 4a
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	2-Chlorophenol (µg/l)	1,3-Dichloro benzene (µg/l)	1,4-Dichloro benzene (µg/l)	Benzyl alcohol (µg/l)	1,2-Dichloro benzene (µg/l)	2-Methyl phenol (µg/l)	Bis(2-chloro-isopropyl)ether (µg/l)	4-Methyl phenol (µg/l)	N-Nitroso-di-n-propylamine (µg/l)
MW-3									
03/25/05	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
06/22/05	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

Table 4b
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	Hexachloro-ethane (µg/l)	Nitrobenzene (µg/l)	Isophorone (µg/l)	2-Nitrophenol (µg/l)	2,4-Dimethyl-phenol (µg/l)	Bis(2-chloro-ethoxy) methane (µg/l)	2,4-Dichloro-phenol (µg/l)	1,2,4-Trichloro-benzene (µg/l)	Naphthalene (µg/l)	4-Chloroaniline (µg/l)	Hexachloro-butadiene (µg/l)
MW-3											
03/25/05	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
06/22/05	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

Table 4c
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	4-Chloro-3-methylphenol (µg/l)	2-Methyl-naphthalene (µg/l)	Hexachloro-cyclopentadiene (µg/l)	2,4,6-Trichloro-phenol (µg/l)	2,4,5-Trichloro-phenol (µg/l)	2-Chloro-naphthalene (µg/l)	2-Nitroaniline (µg/l)	Dimethyl phthalate (µg/l)	Acenaph-thylene (µg/l)	3-Nitroaniline (µg/l)	Acenaphthene (µg/l)
MW-3											
03/25/05	ND<5.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<5.0	ND<2.0	ND<2.0	ND<2.0
06/22/05	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 4d
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	2,4-Dinitro-phenol (µg/l)	4-Nitrophenol (µg/l)	Dibenzofuran (µg/l)	2,4-Dinitro-toluene (µg/l)	2,6-Dinitro-toluene (µg/l)	Diethyl phthalate (µg/l)	4-Chlorophenyl phenyl ether (µg/l)	Fluorene (µg/l)	4-Nitroaniline (µg/l)	2-Methyl-4,6-dinitrophenol (µg/l)	N-Nitrosodi-phenylamine (µg/l)
MW-3											
03/25/05	ND < 10	ND < 10	ND < 2.0	ND < 2.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 2.0	ND < 10	ND < 10	ND < 2.0
06/22/05	ND < 10	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

Table 4e
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	4-Bromophenyl phenyl ether (µg/l)	Hexachloro-benzene (µg/l)	Pentachloro-phenol (µg/l)	Phenanthrene (µg/l)	Anthracene (µg/l)	Di-n-butyl phthalate (µg/l)	Fluoranthene (µg/l)	Pyrene (µg/l)	Butyl benzyl phthalate (µg/l)	3,3-Dichloro-benzidine (µg/l)	Benzo(a)-anthracene (µg/l)
MW-3											
03/25/05	ND < 5.0	ND < 2.0	ND < 10	ND < 2.0	ND < 2.0	ND < 5.0	ND < 2.0	ND < 2.0	ND < 5.0	ND < 5.0	ND < 2.0
06/22/05	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 < 10	ND < 2.0

Table 4f
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	bis(2-Ethylhexyl) phthalate (µg/l)	Chrysene (µg/l)	Di-n-octyl phthalate (µg/l)	Benzo(b)-fluoranthene (µg/l)	Benzo(k)-fluoranthene (µg/l)	Benzo(a)pyrene (µg/l)	Indeno(1,2,3-c,d)-pyrene (µg/l)	Dibenzo(a,h)-anthracene (µg/l)	Benzo(g,h,i)-perylene (µg/l)	Benzoic acid (µg/l)
MW-3										
03/25/05	ND < 10	ND < 2.0	ND < 5.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 10
06/22/05	3.1	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 3.0	ND < 2.0	ND < 10

Table 4g
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	Phenol (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)	Aldrin (µg/l)	Aniline (µg/l)	Benzidine (µg/l)	alpha-BHC (µg/l)	beta-BHC (µg/l)	delta-BHC (µg/l)	gamma-BHC (µg/l)	4,4'-DDD (µg/l)
MW-3										
03/25/05	ND < 2.0	ND < 2.0	--	--	--	--	--	--	--	--
06/22/05	ND < 2.0	ND < 2.0	ND < 2.0	ND < 5.0	ND < 20	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0

Table 4h
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	4,4'-DDE (µg/l)	4,4'-DDT (µg/l)	Dieldrin (µg/l)	1,2-Diphenyl hydrazine (µg/l)	Endosilfan I (µg/l)	Endosulfan II (µg/l)	Endosulfan sulfate (µg/l)	Endrin (µg/l)	Endrin aldehyde (µg/l)	Heptachlor (µg/l)
MW-3										
03/25/05	--	--	--	--	--	--	--	--	--	--
06/22/05	ND<3.0	ND<2.0	ND<3.0	ND<2.0	ND<10	ND<10	ND<3.0	ND<2.0	ND<10	ND<2.0

Table 4i
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

Date Sampled	Heptachlor epoxide (µg/l)	2-Naphthylamine (µg/l)	N-Nitroso dimethylamine (µg/l)	2,4,5-Trichloro phenol (µg/l)
MW-3				
03/25/05	--	--	--	--
06/22/05	ND < 2.0	ND < 20	ND < 2.0	ND < 5.0

FIGURES

SOURCE:

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

VICINITY MAP

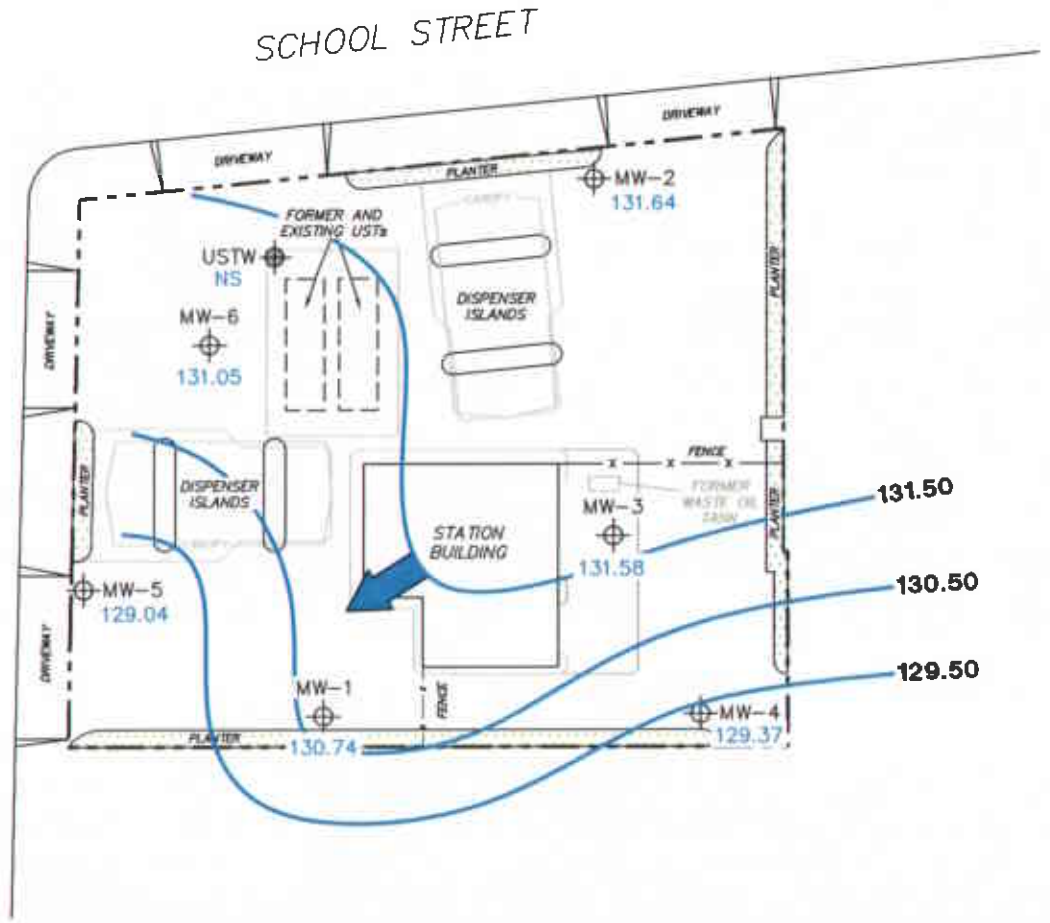
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

TRC

FIGURE 1

PS = 1:1

Graphics on Irl(k:)\VICINITY MAPS\4625vm.dwg 11/20/03 jw



NOTES:

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

LEGEND

- MW-6 ⊕ Monitoring Well with Groundwater Elevation (feet)
- USTW ⊕ UST Observation Well
- 131.50 — Groundwater Elevation Contour
- General Direction of Groundwater Flow

TRC

SCALE (FEET)

0 40

GROUNDWATER ELEVATION CONTOUR MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 2

PS=1:1 4625-003

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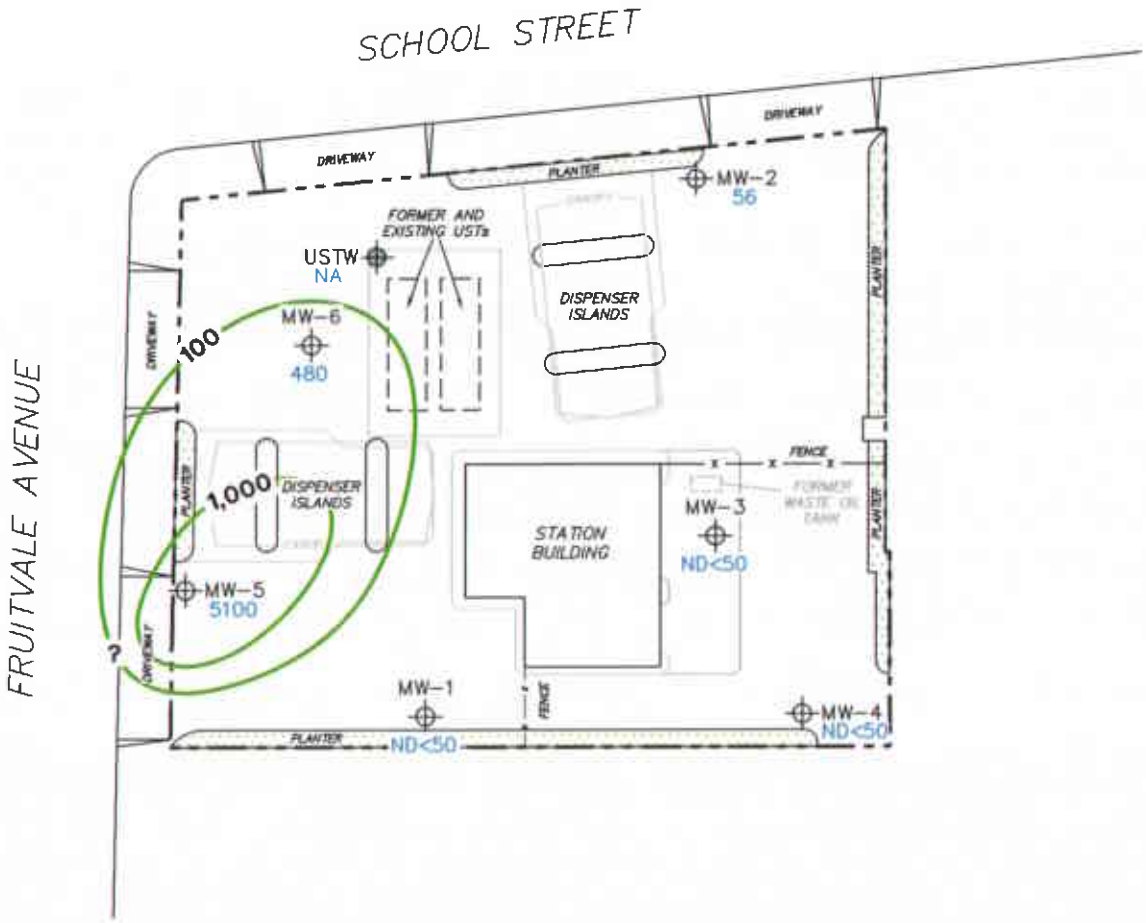

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPPH = total purgeable petroleum hydrocarbons.
µg/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.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

USTW ⊕ UST Observation Well

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

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

PS=1:1 4625-003

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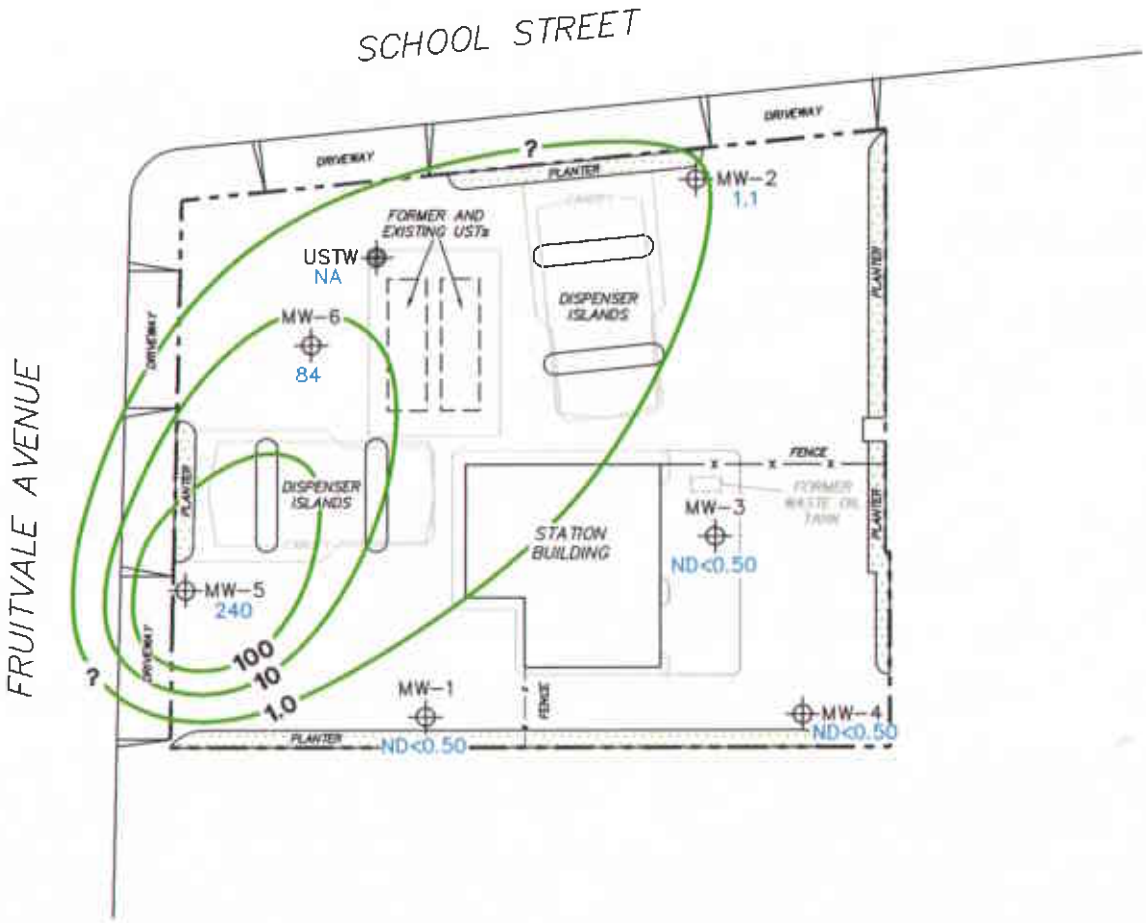

NOTES:

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

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

USTW ⊕ UST Observation Well

100 Dissolved-Phase Benzene Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

TRC

PS=1:1 4625-003

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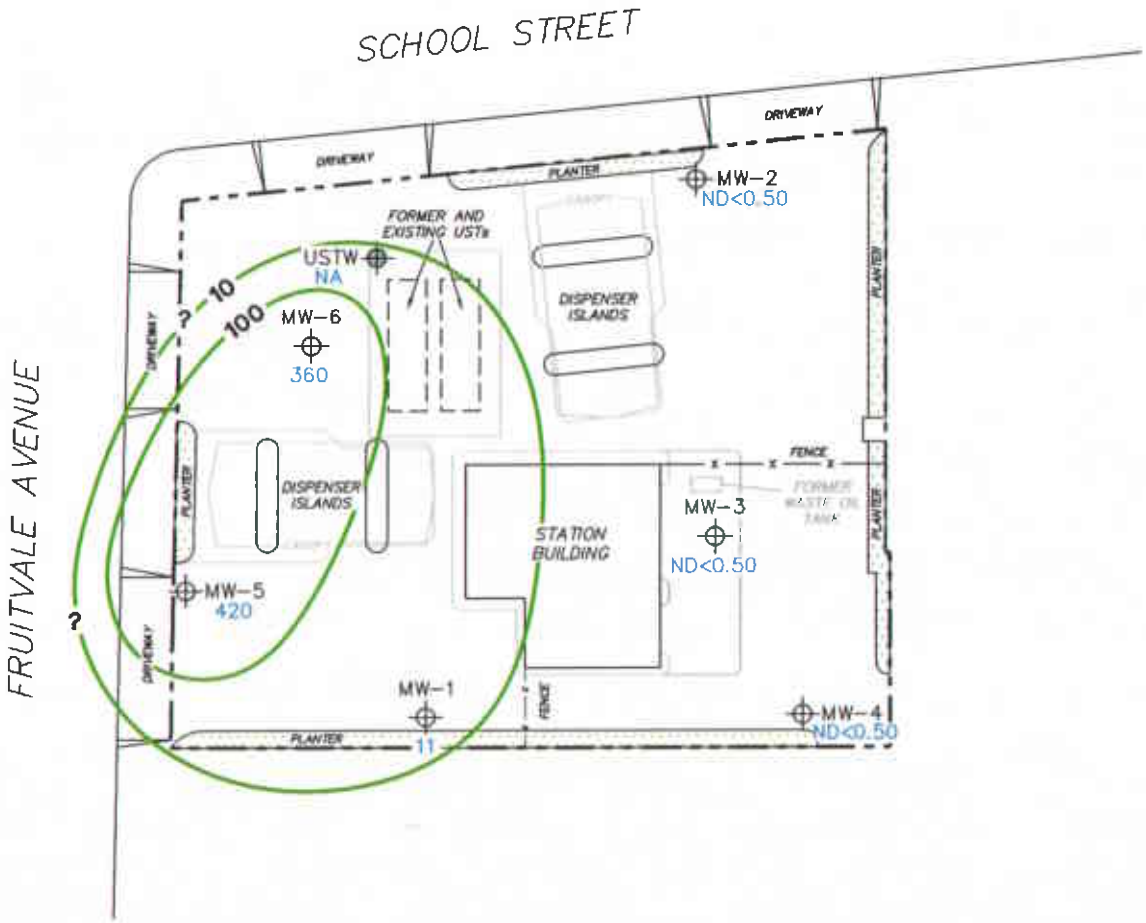

N

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

USTW ⊕ UST Observation Well

100 Dissolved-Phase MTBE Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 22, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

PS=1:1 4625-003

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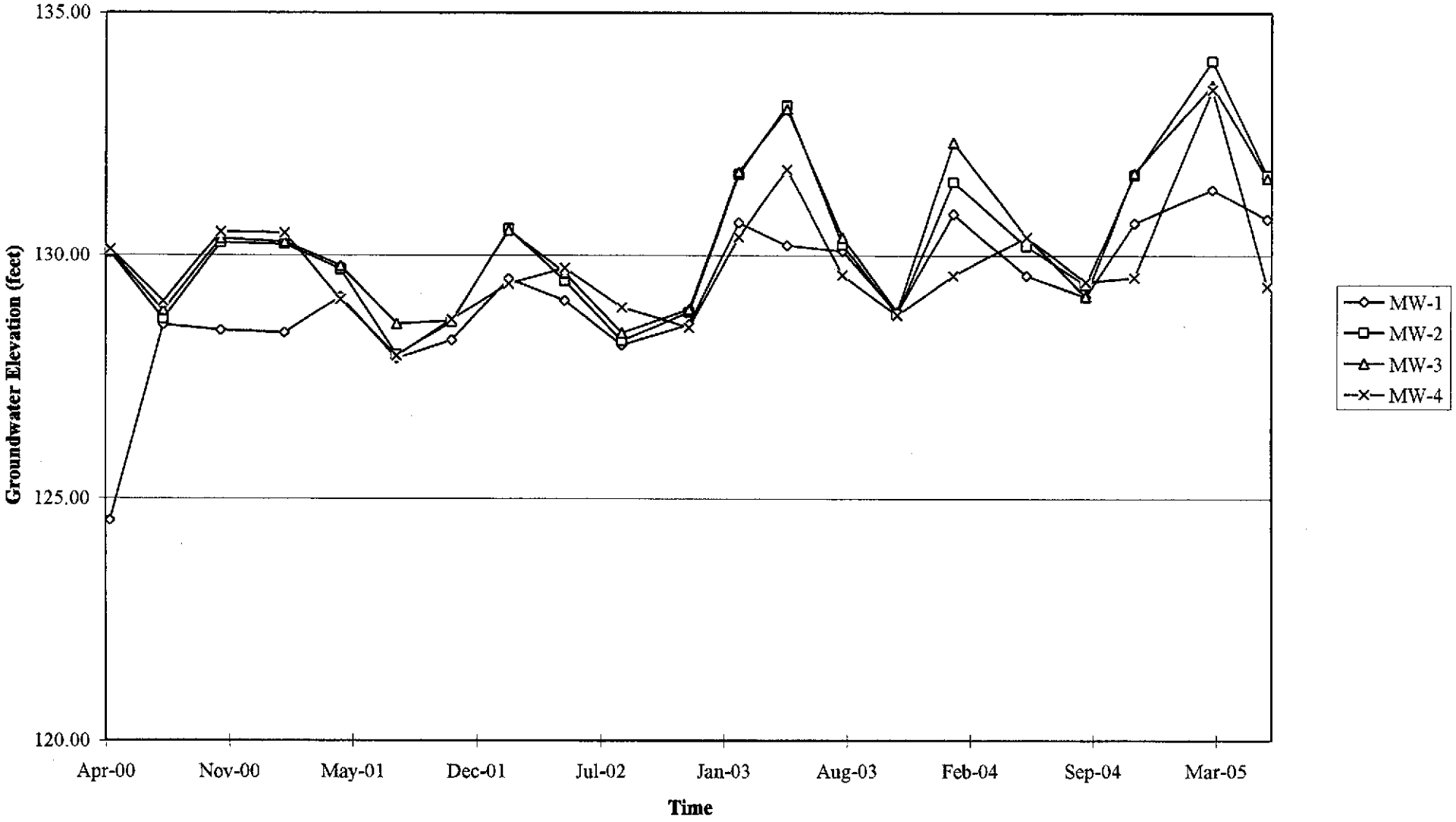
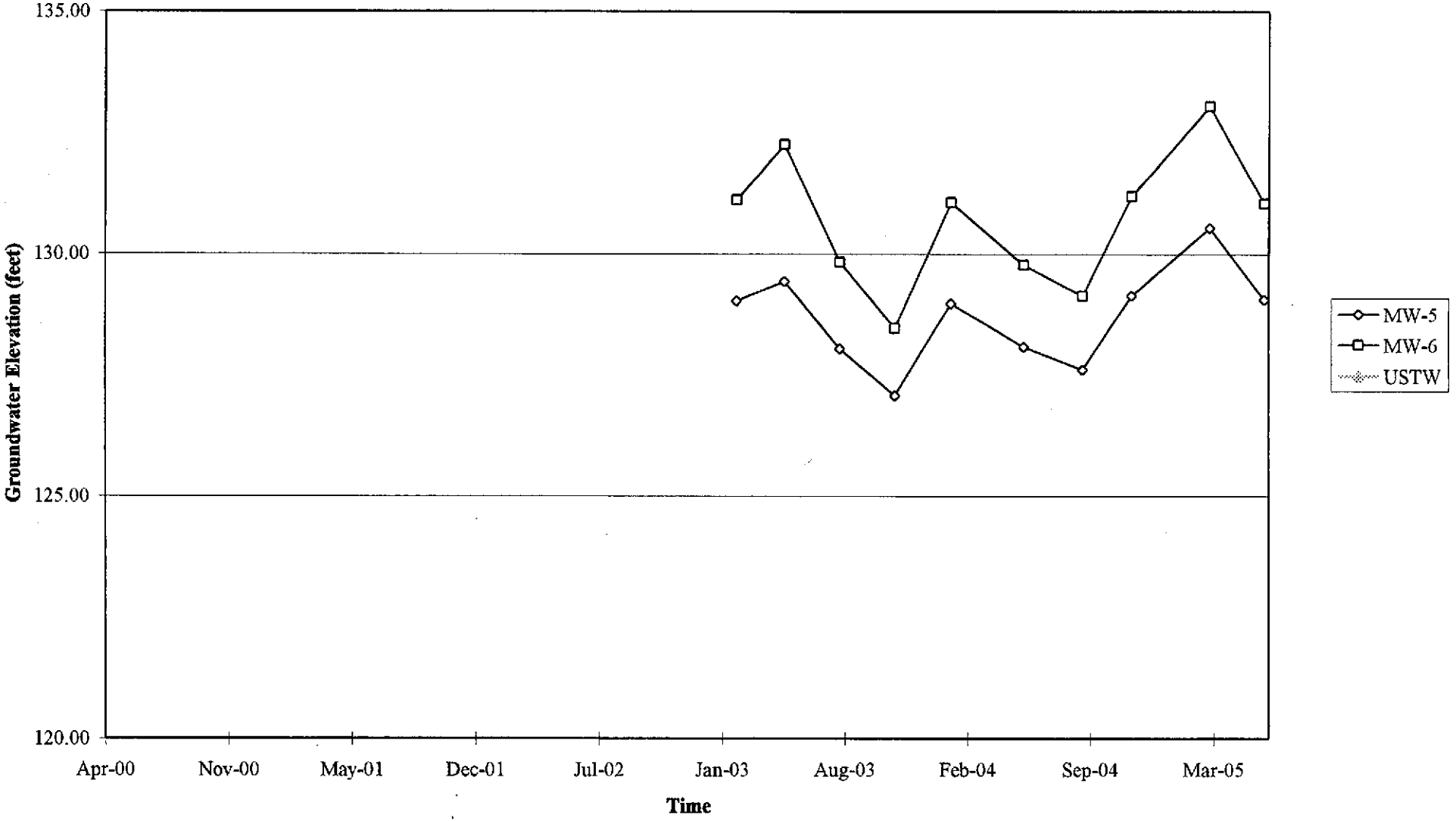
GRAPHS

Groundwater Elevations vs. Time
76 Station 4625

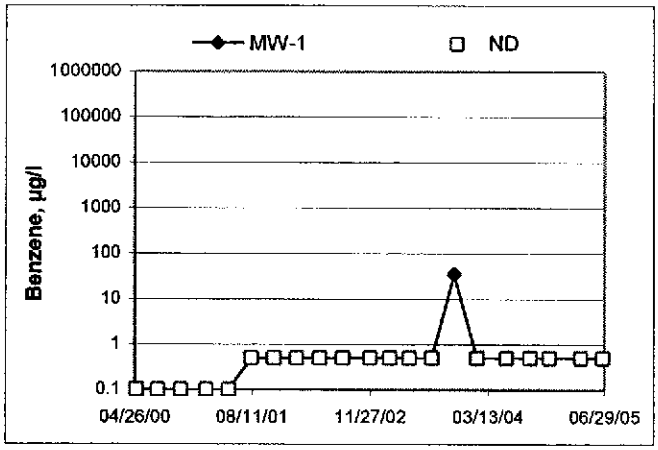


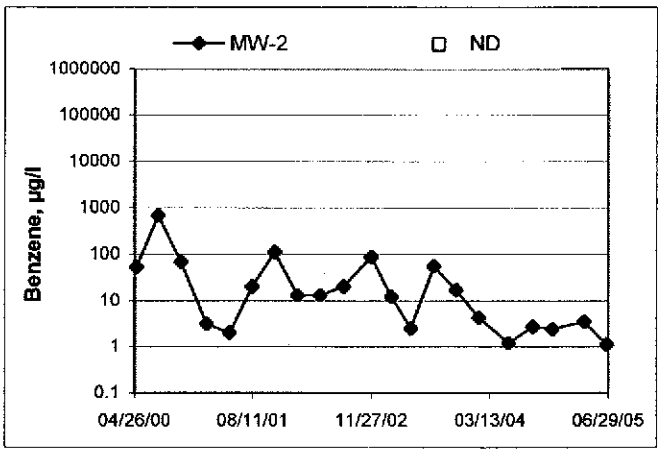
Groundwater Elevations vs. Time
76 Station 4625

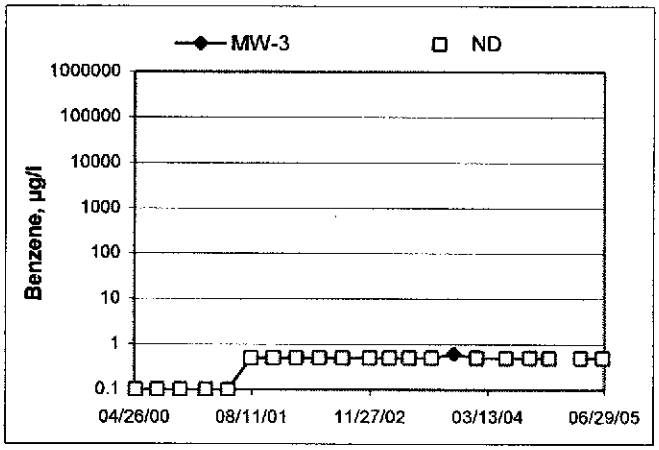


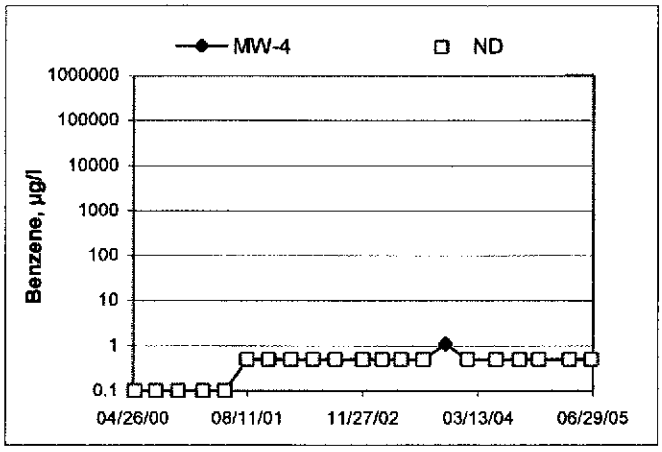
Benzene Concentrations vs Time

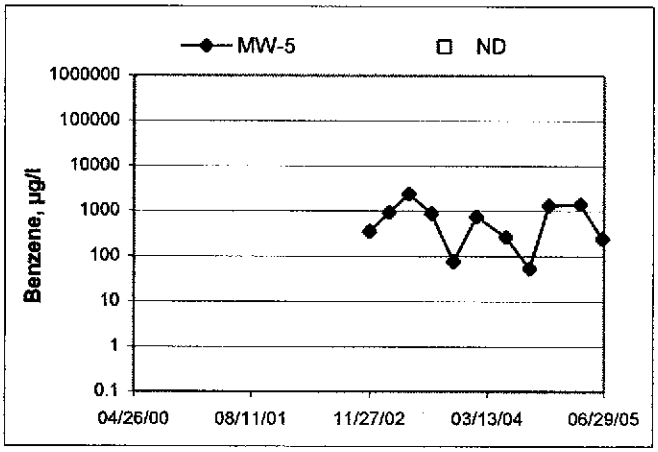
76 Station 4625

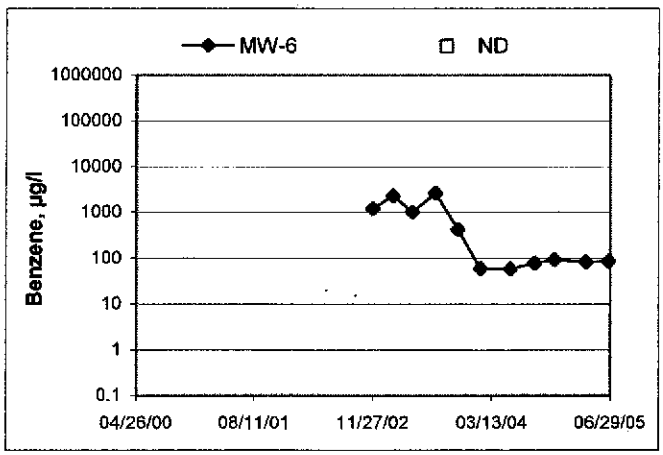












GENERAL FIELD PROCEDURES

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 of pneumatic diaphragm pumps.

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted 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: Melissa Job #/Task #: 41050001 / FA20 Date: 06-22-05

Site # 4625 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
USTW	✓	0533	15.22	7.63	—	—	N/S	6" Monitor only
MW-4	✓	0611	24.21	8.44	—	—	0752	2"
MW-3	✓	0615	24.89	7.31	—	—	0810	2"
MW-1	✓	0540	24.87	6.83	—	—	0827	2"
MW-2	✓	0546	24.95	8.21	—	—	0835	2"
MW-6	✓	0551	23.39	7.83	—	—	0842	2"
MW-5	✓	0557	24.37	8.62	—	—	0850	2"

FIELD DATA COMPLETE ✓ QA/QC ✓ COC ✓ WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST ✓ DRUM INVENTORY ✓ TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 4625 Project No.: 41050001 Date: 06-22-05

Well No.: MW-4 Purge Method: Dis

Depth to Water (feet): 8.44 Depth to Product (feet): 0

Total Depth (feet): 24.21 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.77 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 11.59 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0635			3	538	17.6	7.28		
			6	529	17.4	7.19		
	0637		9	542	17.4	7.22		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.02	9	0752

Comments:

Well No.: MW-3 Purge Method: Dis

Depth to Water (feet): 7.31 Depth to Product (feet): 0

Total Depth (feet): 24.89 LPH & Water Recovered (gallons): 0

Water Column (feet): 17.58 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 10.82 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0644			3	268	19.0	6.47		
			6	286	18.9	6.30		
	0646		9	377	19.1	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.45	9	0810

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 4625 Project No.: 41050001 Date: 06-22-05

Well No.: MW-1 Purge Method:

Depth to Water (feet): 6.83 Depth to Product (feet): 0

Total Depth (feet): 24.87 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.04 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.43 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0657			3	617	18.9	6.67		
			6	613	19.1	6.95		
	0659		9	605	19.3	7.21		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.35	9	0827

Comments:

Well No.: MW-2 Purge Method: Dis

Depth to Water (feet): 8.21 Depth to Product (feet): 0

Total Depth (feet): 24.95 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.74 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.55 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0711			3	317	19.8	6.64		
			6	299	19.9	6.19		
	0713		9	302	19.9	6.21		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.45	9	0835

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 4625 Project No.: 41050001 Date: 06-22-95

Well No.: MW-6 Purge Method: D.a

Depth to Water (feet): 7.83 Depth to Product (feet): 0

Total Depth (feet): 23.39 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.56 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.94 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0720			3	420	19.2	6.48		
			6	405	19.2	6.53		
	0722		9	326	19.3	6.66		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.94	9	0842

Comments:

Well No.: MW-5 Purge Method: D.a

Depth to Water (feet): 8.62 Depth to Product (feet): 0

Total Depth (feet): 24.37 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.75 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.77 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0729			3	546	19.5	6.31		
			6	599	19.9	6.40		
	0732		9	492	19.8	6.84		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.31	9	0850

Comments:

BC Laboratories, Inc

Date of Report: 07/13/2005

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 4625

BC Lab Number: 0506211

Enclosed are the results of analyses for samples received by the laboratory on 06/22/05 23:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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

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

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

Reported: 07/13/05 09:24

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0506211-01	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 08:10	Global ID: T0600102156
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0506211-02	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 07:52	Global ID: T0600102156
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0506211-03	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 08:27	Global ID: T0600102156
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0506211-04	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 08:35	Global ID: T0600102156
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0506211-05	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 08:42	Global ID: T0600102156
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:

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

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

Reported: 07/13/05 09:24

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0506211-06	**COC Number:**	---	**Receive Date:**	06/22/05 23:05	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	06/22/05 08:50	Global ID: T0600102156
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:

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

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

Reported: 07/13/05 09:24

Volatile Organic Analysis (EPA Method 8240)

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

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	0.11	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Bromodichloromethane	ND	ug/L	0.50	0.067	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Bromoform	ND	ug/L	0.50	0.051	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Bromomethane	ND	ug/L	1.0	0.45	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Carbon tetrachloride	ND	ug/L	0.50	0.099	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Chlorobenzene	ND	ug/L	0.50	0.050	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Chloroethane	ND	ug/L	0.50	0.12	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Chloroform	0.17	ug/L	0.50	0.050	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	J
Chloromethane	ND	ug/L	0.50	0.21	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Dibromochloromethane	ND	ug/L	0.50	0.056	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.085	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.081	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,1-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,1-Dichloroethene	ND	ug/L	0.50	0.088	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.11	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.13	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	ND	ug/L	0.50	0.13	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Methylene chloride	ND	ug/L	1.0	0.16	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.052	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	0.14	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.057	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Tetrachloroethene	ND	ug/L	0.50	0.12	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	

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

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

Reported: 07/13/05 13:09

Volatile Organic Analysis (EPA Method 8240)

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Toluene	ND	ug/L	0.50	0.057	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.093	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.063	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Trichloroethene	0.25	ug/L	0.50	0.055	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	J
Trichlorofluoromethane	ND	ug/L	0.50	0.094	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.18	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Vinyl chloride	ND	ug/L	0.50	0.098	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Total Xylenes	ND	ug/L	1.0	0.23	EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.4	%	76 - 114 (LCL - UCL)		EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8240	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		

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

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

Reported: 07/13/05 09:24

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

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	0.12	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	ND	ug/L	0.50	0.13	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	0.14	
Toluene	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Total Xylenes	ND	ug/L	1.0	0.40	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.4	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 22:33	MGC	MS-V5	1	BOF1393		

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21 Technology Drive
Irvine CA, 92618-2302

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

Reported: 07/13/05 09:24

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

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	ND	ug/L	2.0	0.26	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Acenaphthylene	ND	ug/L	2.0	0.25	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Aldrin	ND	ug/L	2.0	0.45	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Aniline	ND	ug/L	5.0	0.72	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Anthracene	ND	ug/L	2.0	0.27	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzidine	ND	ug/L	20	5.3	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		C02
Benzo[a]anthracene	ND	ug/L	2.0	0.35	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzo[b]fluoranthene	ND	ug/L	2.0	0.41	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzo[k]fluoranthene	ND	ug/L	2.0	0.21	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzo[a]pyrene	ND	ug/L	2.0	0.31	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzo[g,h,i]perylene	ND	ug/L	2.0	0.66	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzoic acid	ND	ug/L	10	1.3	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzyl alcohol	ND	ug/L	2.0	0.30	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Benzyl butyl phthalate	ND	ug/L	2.0	0.74	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
alpha-BHC	ND	ug/L	2.0	0.42	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
beta-BHC	ND	ug/L	2.0	0.44	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
delta-BHC	ND	ug/L	2.0	0.33	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
gamma-BHC (Lindane)	ND	ug/L	2.0	0.41	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
bis(2-Chloroethoxy)methane	ND	ug/L	2.0	0.37	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
bis(2-Chloroethyl) ether	ND	ug/L	2.0	0.37	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0	0.28	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
bis(2-Ethylhexyl)phthalate	3.1	ug/L	5.0	1.3	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		J
4-Bromophenyl phenyl ether	ND	ug/L	2.0	0.41	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4-Chloroaniline	ND	ug/L	2.0	0.66	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Chloronaphthalene	ND	ug/L	2.0	0.31	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		

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

Reported: 07/13/05 09:24

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

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chlorophenyl phenyl ether	ND	ug/L	2.0	0.27	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Chrysene	ND	ug/L	2.0	0.43	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4,4'-DDD	ND	ug/L	2.0	1.3	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4,4'-DDE	ND	ug/L	3.0	1.2	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4,4'-DDT	ND	ug/L	2.0	1.6	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Dibenzo[a,h]anthracene	ND	ug/L	3.0	0.68	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Dibenzofuran	ND	ug/L	2.0	0.29	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
1,2-Dichlorobenzene	ND	ug/L	2.0	0.32	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
1,3-Dichlorobenzene	ND	ug/L	2.0	0.34	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
1,4-Dichlorobenzene	ND	ug/L	2.0	0.39	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
3,3-Dichlorobenzidine	ND	ug/L	10	2.5	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Dieldrin	ND	ug/L	3.0	1.5	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Diethyl phthalate	ND	ug/L	2.0	0.39	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Dimethyl phthalate	ND	ug/L	2.0	0.24	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Di-n-butyl phthalate	ND	ug/L	2.0	0.31	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4-Dinitrotoluene	ND	ug/L	2.0	0.23	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,6-Dinitrotoluene	ND	ug/L	2.0	0.29	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Di-n-octyl phthalate	ND	ug/L	2.0	0.67	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
1,2-Diphenylhydrazine	ND	ug/L	2.0	0.22	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Endosulfan I	ND	ug/L	10	1.7	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Endosulfan II	ND	ug/L	10	0.85	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Endosulfan sulfate	ND	ug/L	3.0	1.3	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Endrin	ND	ug/L	2.0	1.8	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		V11
Endrin aldehyde	ND	ug/L	10	4.0	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Fluoranthene	ND	ug/L	2.0	0.28	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		

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

Reported: 07/13/05 09:24

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

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Fluorene	ND	ug/L	2.0	0.32	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Heptachlor	ND	ug/L	2.0	0.35	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Heptachlor epoxide	ND	ug/L	2.0	0.54	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Hexachlorobenzene	ND	ug/L	2.0	0.44	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Hexachlorobutadiene	ND	ug/L	2.0	0.37	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Hexachlorocyclopentadiene	ND	ug/L	2.0	0.70	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Hexachloroethane	ND	ug/L	2.0	0.45	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0	0.61	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Isophorone	ND	ug/L	2.0	0.35	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Methylnaphthalene	ND	ug/L	2.0	0.39	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Naphthalene	ND	ug/L	2.0	0.33	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Naphthylamine	ND	ug/L	20	4.1	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		C02
2-Nitroaniline	ND	ug/L	2.0	0.29	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
3-Nitroaniline	ND	ug/L	2.0	0.49	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4-Nitroaniline	ND	ug/L	5.0	0.28	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Nitrobenzene	ND	ug/L	2.0	0.26	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
N-Nitrosodimethylamine	ND	ug/L	2.0	0.17	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		V11
N-Nitrosodi-N-propylamine	ND	ug/L	2.0	0.41	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
N-Nitrosodiphenylamine	ND	ug/L	2.0	0.30	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Phenanthrene	ND	ug/L	2.0	0.30	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Pyrene	ND	ug/L	2.0	0.81	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.35	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4-Chloro-3-methylphenol	ND	ug/L	5.0	0.32	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Chlorophenol	ND	ug/L	2.0	0.27	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4-Dichlorophenol	ND	ug/L	2.0	0.30	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		

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

Reported: 07/13/05 09:24

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

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2,4-Dimethylphenol	ND	ug/L	2.0	0.58	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4-Dinitrophenol	ND	ug/L	10	0.21	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		V11
2-Methylphenol	ND	ug/L	2.0	0.36	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
3- & 4-Methylphenol	ND	ug/L	2.0	0.60	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Nitrophenol	ND	ug/L	2.0	0.35	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
4-Nitrophenol	ND	ug/L	2.0	0.16	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		V11
Pentachlorophenol	ND	ug/L	10	0.42	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
Phenol	ND	ug/L	2.0	0.18	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4,5-Trichlorophenol	ND	ug/L	5.0	0.36	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4,6-Trichlorophenol	ND	ug/L	5.0	0.39	EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Fluorophenol (Surrogate)	27.0	%	46 - 93 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		S09
Phenol-d5 (Surrogate)	23.2	%	31 - 69 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		S09
Nitrobenzene-d5 (Surrogate)	84.2	%	67 - 117 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2-Fluorobiphenyl (Surrogate)	73.2	%	53 - 111 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
2,4,6-Tribromophenol (Surrogate)	65.5	%	62 - 119 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		
p-Terphenyl-d14 (Surrogate)	95.2	%	66 - 137 (LCL - UCL)		EPA-8270C	06/28/05	07/07/05 20:20	SKC	MS-B2	1	BOG0333		

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

Reported: 07/13/05 09:24

EPA Method 1664

BCL Sample ID: 0506211-01 | **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/L	5.0	1.9	EPA-1664H	07/05/05	07/05/05 09:30	JAK	MAN-SV	1	BOG0214	ND	

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

Reported: 07/13/05 09:24

Water Analysis (Metals)

BCL Sample ID: 0506211-01 **Client Sample Name:** 4625, MW-3, MW-3, 6/22/2005 8:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Chromium	24	ug/L	10	0.24	EPA-6010B	07/01/05	07/06/05 23:47	JEE	PE-OP1	1	BOG0034	0.41	

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

Reported: 07/13/05 09:24

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-02 | **Client Sample Name:** 4625, MW-4, MW-4, 6/22/2005 7:52:00AM, Melissa

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	0.12	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	ND	ug/L	0.50	0.13	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	0.14	
Toluene	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
Total Xylenes	ND	ug/L	1.0	0.40	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	89.3	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	98.0	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	99.8	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:07	MGC	MS-V5	1	BOF1393		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-03 | **Client Sample Name:** 4625, MW-1, MW-1, 6/22/2005 8:27:00AM, Melissa

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	0.12	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	ND	ug/L	0.50	0.13	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	11	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	0.14	
Toluene	0.23	ug/L	0.50	0.15	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	J
Total Xylenes	ND	ug/L	1.0	0.40	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	23	EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.3	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/28/05 23:40	MGC	MS-V5	1	BOF1393		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-04 | **Client Sample Name:** 4625, MW-2, MW-2, 6/22/2005 8:35:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.1	ug/L	0.50	0.12	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	1.3	ug/L	0.50	0.13	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	0.14	
Toluene	ND	ug/L	0.50	0.15	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
Total Xylenes	1.5	ug/L	1.0	0.40	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	56	ug/L	50	23	EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.9	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	93.6	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:13	MGC	MS-V5	1	BOF1393		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-05 | **Client Sample Name:** 4625, MW-6, MW-6, 6/22/2005 8:42:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	84	ug/L	50	12	EPA-8260	06/28/05	07/01/05 14:56	MGC	MS-V5	100	BOF1393	ND	A01
1,2-Dibromoethane	ND	ug/L	0.50	0.11	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	23	ug/L	0.50	0.13	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Methyl t-butyl ether	360	ug/L	50	15	EPA-8260	06/28/05	07/01/05 14:56	MGC	MS-V5	100	BOF1393	14	A01
Toluene	2.4	ug/L	0.50	0.15	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Total Xylenes	72	ug/L	1.0	0.40	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
t-Amyl Methyl ether	ND	ug/L	0.50	0.31	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
t-Butyl alcohol	ND	ug/L	10	10	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.27	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	480	ug/L	50	23	EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393		
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 14:56	MGC	MS-V5	100	BOF1393		A01
Toluene-d8 (Surrogate)	91.7	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 14:56	MGC	MS-V5	100	BOF1393		A01
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 14:56	MGC	MS-V5	100	BOF1393		A01
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 00:46	MGC	MS-V5	1	BOF1393		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0506211-06 | **Client Sample Name:** 4625, MW-5, MW-5, 6/22/2005 8:50:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	240	ug/L	5.0	1.2	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	ND	A01
1,2-Dibromoethane	ND	ug/L	0.50	0.11	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
1,2-Dichloroethane	ND	ug/L	0.50	0.25	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
Ethylbenzene	320	ug/L	5.0	1.3	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	ND	A01
Methyl t-butyl ether	420	ug/L	5.0	1.5	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	1.4	A01
Toluene	110	ug/L	5.0	1.5	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	ND	A01
Total Xylenes	1100	ug/L	10	4.0	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	ND	A01
t-Amyl Methyl ether	ND	ug/L	0.50	0.31	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
t-Butyl alcohol	16	ug/L	10	10	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
Diisopropyl ether	ND	ug/L	0.50	0.25	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
Ethanol	ND	ug/L	1000	110	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
Ethyl t-butyl ether	ND	ug/L	0.50	0.27	EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393	ND	
Total Purgeable Petroleum Hydrocarbons	5100	ug/L	500	230	EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393		A01
1,2-Dichloroethane-d4 (Surrogate)	93.3	%	76 - 114 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	95.5	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393		A01
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	06/29/05 01:20	MGC	MS-V5	1	BOF1393		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115 (LCL - UCL)		EPA-8260	06/28/05	07/01/05 15:30	MGC	MS-V5	10	BOF1393		A01

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Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOF1393	BOF1393-MS1	Matrix Spike	ND	25.930	25.000	ug/L		104		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	23.920	25.000	ug/L	8.31	95.7	20	70 - 130	
Bromodichloromethane	BOF1393	BOF1393-MS1	Matrix Spike	ND	23.960	25.000	ug/L		95.8		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	22.150	25.000	ug/L	7.81	88.6	20	70 - 130	
Chlorobenzene	BOF1393	BOF1393-MS1	Matrix Spike	ND	25.330	25.000	ug/L		101		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	24.190	25.000	ug/L	4.25	96.8	20	70 - 130	
Chloroethane	BOF1393	BOF1393-MS1	Matrix Spike	ND	27.210	25.000	ug/L		109		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	25.370	25.000	ug/L	7.62	101	20	70 - 130	
1,4-Dichlorobenzene	BOF1393	BOF1393-MS1	Matrix Spike	ND	25.600	25.000	ug/L		102		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	23.550	25.000	ug/L	7.95	94.2	20	70 - 130	
1,1-Dichloroethane	BOF1393	BOF1393-MS1	Matrix Spike	ND	24.290	25.000	ug/L		97.2		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	23.010	25.000	ug/L	5.50	92.0	20	70 - 130	
1,1-Dichloroethene	BOF1393	BOF1393-MS1	Matrix Spike	ND	26.210	25.000	ug/L		105		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	24.670	25.000	ug/L	6.19	98.7	20	70 - 130	
Toluene	BOF1393	BOF1393-MS1	Matrix Spike	ND	26.120	25.000	ug/L		104		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	24.440	25.000	ug/L	6.14	97.8	20	70 - 130	
Trichloroethene	BOF1393	BOF1393-MS1	Matrix Spike	ND	27.100	25.000	ug/L		108		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	24.920	25.000	ug/L	7.99	99.7	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	10.110	10.000	ug/L		101		76 - 114	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.390	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	10.190	10.000	ug/L		102		88 - 110	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.060	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	9.7800	10.000	ug/L		97.8		86 - 115	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.040	10.000	ug/L		100		86 - 115	

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOF1393	BOF1393-MS1	Matrix Spike	ND	25.930	25.000	ug/L		104		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	23.920	25.000	ug/L	8.31	95.7	20	70 - 130	
Toluene	BOF1393	BOF1393-MS1	Matrix Spike	ND	26.120	25.000	ug/L		104		70 - 130	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	24.440	25.000	ug/L	6.14	97.8	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	10.110	10.000	ug/L		101		76 - 114	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.390	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	10.190	10.000	ug/L		102		88 - 110	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.060	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-MS1	Matrix Spike	ND	9.7800	10.000	ug/L		97.8		86 - 115	
		BOF1393-MSD1	Matrix Spike Duplicate	ND	10.040	10.000	ug/L		100		86 - 115	

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Project: 4625
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EPA Method 1664

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Oil and Grease	BOG0214	BOG0214-DUP1	Duplicate	ND	ND		mg/L			18		
		BOG0214-MS1	Matrix Spike	ND	31.450	38.200	mg/L		82.3		78 - 114	
		BOG0214-MSD1	Matrix Spike Duplicate	ND	32.050	38.200	mg/L	1.93	83.9	18	78 - 114	

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Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Total Chromium	BOG0034	BOG0034-DUP1	Duplicate	ND	ND		ug/L			200		
		BOG0034-MS1	Matrix Spike	ND	183.03	200.00	ug/L		91.5		75 - 125	
		BOG0034-MSD1	Matrix Spike Duplicate	ND	181.95	200.00	ug/L	0.548	91.0	20	75 - 125	

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Project: 4625
Project Number: [none]
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Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOF1393	BOF1393-BS1	LCS	24.710	25.000	0.50	ug/L	98.8		70 - 130		
Bromodichloromethane	BOF1393	BOF1393-BS1	LCS	21.610	25.000	0.50	ug/L	86.4		70 - 130		
Chlorobenzene	BOF1393	BOF1393-BS1	LCS	23.950	25.000	0.50	ug/L	95.8		70 - 130		
Chloroethane	BOF1393	BOF1393-BS1	LCS	25.390	25.000	0.50	ug/L	102		70 - 130		
1,4-Dichlorobenzene	BOF1393	BOF1393-BS1	LCS	24.200	25.000	0.50	ug/L	96.8		70 - 130		
1,1-Dichloroethane	BOF1393	BOF1393-BS1	LCS	23.680	25.000	0.50	ug/L	94.7		70 - 130		
1,1-Dichloroethene	BOF1393	BOF1393-BS1	LCS	25.460	25.000	0.50	ug/L	102		70 - 130		
Toluene	BOF1393	BOF1393-BS1	LCS	25.150	25.000	0.50	ug/L	101		70 - 130		
Trichloroethene	BOF1393	BOF1393-BS1	LCS	26.570	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.8800	10.000		ug/L	98.8		76 - 114		
Toluene-d8 (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.8400	10.000		ug/L	98.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.5200	10.000		ug/L	95.2		86 - 115		

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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	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOF1393	BOF1393-BS1	LCS	24.710	25.000	0.50	ug/L	98.8		70 - 130		
Toluene	BOF1393	BOF1393-BS1	LCS	25.150	25.000	0.50	ug/L	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.8800	10.000		ug/L	98.8		76 - 114		
Toluene-d8 (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.8400	10.000		ug/L	98.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-BS1	LCS	9.5200	10.000		ug/L	95.2		86 - 115		

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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	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Oil and Grease	BOG0214	BOG0214-BS1	LCS	30.850	38.200	5.0	mg/L	80.8		78 - 114		

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

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

Reported: 07/13/05 09:24

Water Analysis (Metals)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Total Chromium	BOG0034	BOG0034-BS1	LCS	207.96	200.00	10	ug/L	104		85 - 115		

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

Reported: 07/13/05 09:24

Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.11	
Bromodichloromethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.067	
Bromoform	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.051	
Bromomethane	BOF1393	BOF1393-BLK1	ND	ug/L	1.0	0.45	
Carbon tetrachloride	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.099	
Chlorobenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.050	
Chloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.12	
Chloroform	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.050	
Chloromethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.21	
Dibromochloromethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.056	
1,2-Dichlorobenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.085	
1,3-Dichlorobenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.081	
1,4-Dichlorobenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.062	
1,1-Dichloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.17	
1,2-Dichloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.11	
1,1-Dichloroethene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.088	
trans-1,2-Dichloroethene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloropropane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.13	
cis-1,3-Dichloropropene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.079	
trans-1,3-Dichloropropene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.13	
Ethylbenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.13	
Methylene chloride	BOF1393	BOF1393-BLK1	ND	ug/L	1.0	0.16	
Methyl t-butyl ether	BOF1393	BOF1393-BLK1	0.14000	ug/L	0.50	0.052	J, M03
1,1,2,2-Tetrachloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.057	
Tetrachloroethene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.12	

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Project: 4625
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Reported: 07/13/05 09:24

Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Toluene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.057	
1,1,1-Trichloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.093	
1,1,2-Trichloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.063	
Trichloroethene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.055	
Trichlorofluoromethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.094	
1,1,2-Trichloro-1,2,2-trifluoroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.18	
Vinyl chloride	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.098	
Total Xylenes	BOF1393	BOF1393-BLK1	ND	ug/L	1.0	0.23	
p- & m-Xylenes	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.10	
o-Xylene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.13	
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-BLK1	96.4	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOF1393	BOF1393-BLK1	99.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-BLK1	101	%	86 - 115 (LCL - UCL)		

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

Reported: 07/13/05 09:24

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	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.13	
1,2-Dibromoethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.16	
1,2-Dichloroethane	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.25	
Ethylbenzene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.14	
Methyl t-butyl ether	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.15	M03
Toluene	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOF1393	BOF1393-BLK1	ND	ug/L	1.0	0.40	
t-Amyl Methyl ether	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BOF1393	BOF1393-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BOF1393	BOF1393-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BOF1393	BOF1393-BLK1	ND	ug/L	0.50	0.27	
Total Purgeable Petroleum Hydrocarbons	BOF1393	BOF1393-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOF1393	BOF1393-BLK1	96.4	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOF1393	BOF1393-BLK1	99.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOF1393	BOF1393-BLK1	101	%	86 - 115 (LCL - UCL)		

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

Reported: 07/13/05 09:24

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	BOG0214	BOG0214-BLK1	ND	mg/L	5.0	1.9	

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

Reported: 07/13/05 09:24

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Chromium	BOG0034	BOG0034-BLK1	0.40922	ug/L	10	0.24	J

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

Reported: 07/13/05 09:24

Notes and Definitions

V16	The internal standard on the Continuing Calibration Verification (CCV) was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits
S08	The internal standard on the sample was not within the control limits.
M03	Analyte detected in the Method Blank at a level between the PQL and the MDL.
J	Estimated value
C02	The relative standard deviation of the calibration curve response factors exceeds the control limit
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 05-6211 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID: BLW Temperature: 4.7 °C Thermometer ID: #48
Emissivity: .95 Container: VOA3

Date/Time: 6/22/05 2307
Analyst Init: OTO

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	B									
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	A,9 D	A3	A3	A3	A3	A3	( )	( )	( )	( )
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~~ 8270	C									
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:
Sample Numbering Completed By: OTO Date/Time: 6/23/05 2000

BC Laboratories, Inc.

Chain of Custody Form

47066

PLEASE COMPLETE: BCL QUOTE ID:

Page 1 of 1

Report To: Client: TRC	Project #: 41050001
Attn: Anju Farfan	Project Name: ConocoPhillips
Street Address: 21 Technology Drive	Project Code: 4625
City, State, Zip: Irvine, Ca 92618	Sampler(s): Melissa
Phone: 949-341-7440 Fax: 949-753-0111	Global ID: T0600102156
Email Address: afarfan@trcsolutions.com	
Submittal #: 05-6211	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments: "Run 8OXYS by 8260 on all 8260 MTBE hits."

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample #	Description	Date Sampled	Time Sampled	TPPH by 8260B	BTEX/MTBE by 8260B	Ethanol by 8260B	8OXYS by 8260B	TOG	VOC's by 8240	SVOC's by 8270	Total Chromium	TPH-D by 8015M	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	MW-3	06/22/05	0810	X	X	X		X	X	X	X	X				X			Std	4 voas w/HCL, 1L amber w/HCL, 1L amber unpreserved, one 250 ml poly w/HNO3
-2	MW-4	↓	0752	↓	↓	↓										↓			↓	3 voas w/HCL
-3	MW-1	↓	0827	↓	↓	↓										↓			↓	↓
-4	MW-2	↓	0835	↓	↓	↓										↓			↓	↓
-5	MW-6	↓	0842	↓	↓	[crossed out]	X									↓			↓	↓
-6	MW-5	↓	0850	↓	↓	[crossed out]	X									↓			↓	↓

CHK BY: MM — DISTRIBUTION: MAS [illegible] — SUB-OUT ☐

Billing ☒ Same as above

Client:
Address:
City: State Zip
Attn:
PO#:

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months ____

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	06-22-05	1005	1. refridgerator	06-22-05	1005
2. [signature]	06-22-05	1500	2. [signature]	06-22-05	1500
3. [signature]	6-22-05	2305	3. Temi Obafemi	6/22/05	2305

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillip s 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 Filter Recyclin g, Inc.

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 acc ordance 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.