ConocoPhillips

76 Broadway
Sacramento, California 95818

January 31, 2006

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

Re: **Report Transmittal**
Quarterly Report
Fourth Quarter – 2005
76 Service Station# 4625
3070 Fruitvale
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 contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas K. Kosel

Thomas Kosel
Risk Management & Remediation

Attachment

TRC

Customer-Focused Solutions

January 31, 2006 TRC Project No. 42014504

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

RE: Quarterly Status Report - Fourth 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 Fourth Quarter 2005 Status Report for the subject site. The site is currently an active service station located on the southeast corner of Fruitvale Avenue and School Street in Oakland, California.

PREVIOUS ASSESSMENTS

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.

1590 Solano Way, Suite A • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

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 flow is toward the west at a calculated hydraulic gradient of 0.02 feet per foot.

CHARACTERIZATION STATUS

The plume is not currently defined to the southwest and west. Total purgeable petroleum hydrocarbons (TPPH) were detected in two of the six wells sampled at a maximum concentration of 3,800 micrograms per liter (µg/l) in MW-5. Benzene was detected in two of the six wells sampled at a maximum concentration of 220 µg/l in MW-5. MTBE was detected in two of the six wells sampled at a maximum concentration of 300 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

November 3, 2005: TRC submitted a Revised Work Plan for Additional Groundwater Investigation to the Alameda County Health Care Services (ACHCS) incorporating comments and discussions during the October 19, 2005 meeting.

December 16, 2005: The ACHCS approved the November 3, 2005 Revised Additional Groundwater Investigation Work Plan with a Technical Report Request date of February 16, 2006.

December 21, 2005: TRC requested an extension, via email, from the ACHCS for submittal of Additional Groundwater Investigation Report. The original submittal deadline of February 16, 2005 requested in the December 16, 2005 approval letter did not allow sufficient time to implement the approved scope of work. The ACHCS approved our request for extension, via email, and concurred with our recommendation for an April 16, 2006 submittal deadline.

CURRENT QUARTER ACTIVITIES

December 20, 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.

CONCLUSIONS AND RECOMMENDATIONS

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

TRC will implement the approved scope of work outlined in the Work Plan for Additional Groundwater Investigation.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,
TRC

Keith Woodburne, P.G.
Senior Project Geologist

Attachments:
Quarterly Monitoring Report, October through December 2005 (TRC, January 12, 2006)

cc: Shelby Lathrop, ConocoPhillips (electronic upload)

TRC

January 12, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 4625
3070 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 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. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/4625R10.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 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
January 12, 2006

21 Technology Drive • Irvine, California 92618
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www.trcsolutions.com

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
October 2005 through December 2005
76 Station 4625
3070 Fruitvale Avenue
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **12/20/05**

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: **5.35 feet** Maximum: **8.23 feet**
Average groundwater elevation (relative to available local datum): **131.42 feet**
Average change in groundwater elevation since previous event: **1.99 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, west**
Previous event: **0.02 ft/ft, west (09/26/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **2** Wells above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **220 µg/l (MW-5)**

Wells with **TPPH 8260B** **2** Maximum: **3,800 µg/l (MW-5)**
Wells with **MTBE** **2** Maximum: **300 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 ABBREVIATIONS

--	=	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

December 20, 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)**												
12/20/05	137.57	6.73	0.00	130.84	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	139.85	6.59	0.00	133.26	3.39	--	63	2.6	ND<0.50	2.4	3.7	--	ND<0.50	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	138.89	8.03	0.00	130.86	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	137.81	5.65	0.00	132.16	2.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	137.66	8.23	0.00	129.43	1.47	--	3800	220	42	240	620	--	300	
MW-6		**(Screen Interval in feet: 5.0-25.0)**												
12/20/05	138.88	6.91	0.00	131.97	2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
USTW		**(Screen Interval in feet: DNA)**												
12/20/05	--	5.35	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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	
09/26/05	137.57	7.97	0.00	129.60	-1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/20/05	137.57	6.73	0.00	130.84	1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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														
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	
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	
09/26/05	139.85	9.98	0.00	129.87	-1.77	--	83	0.56	ND<0.50	0.86	ND<1.0	--	ND<0.50	
12/20/05	139.85	6.59	0.00	133.26	3.39	--	63	2.6	ND<0.50	2.4	3.7	--	ND<0.50	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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															
	05/03/00	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	--	
	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	
	09/26/05	138.89	8.99	0.00	129.90	-1.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
D	09/26/05	138.89	8.99	0.00	129.90	-1.68	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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														
12/20/05	138.89	8.03	0.00	130.86	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	--	
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	
09/26/05	137.81	7.93	0.00	129.88	0.51	--	ND<50	0.51	ND<0.50	0.53	2.3	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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														
12/20/05	137.81	5.65	0.00	132.16	2.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	
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	
09/26/05	137.66	9.70	0.00	127.96	-1.08	--	2500	81	ND<0.50	85	200	--	180	
12/20/05	137.66	8.23	0.00	129.43	1.47	--	3800	220	42	240	620	--	300	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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-6 continued														
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	
09/26/05	138.88	9.50	0.00	129.38	-1.67	--	440	72	0.65	12	52	--	160	
12/20/05	138.88	6.91	0.00	131.97	2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	--	--	--	--	--	--	--	--	--	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through December 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														
03/25/05	--	5.01	0.00	--	--	--	--	--	--	--	--	--	--	Monitor only
06/22/05	--	7.63	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
09/26/05	--	9.45	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
12/20/05	--	5.35	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	--	--	--	--	--	--	--	--	--
12/20/05	--	--	--	--	--	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	--	--

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-3 continued															
08/09/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
09/26/05	ND<200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50	--	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50
12/20/05	ND<200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50	--	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50
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	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	1,4-Dichloro-benzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chloro-benzene (µg/l)	2-Chloroethy l vinyl (µg/l)	Dibromo-chloro-methane (µg/l)	PCE (µg/l)	cis-1,2-Dichloro-ethene (µg/l)	trans-1,2-Dichloro-ethene (µg/l)	1,3-Dichloro-benzene (µg/l)
MW-5 continued															
03/25/05	--	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--
06/22/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
09/26/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
12/20/05	--	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
09/26/05	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
12/20/05	--	--	--	--	--	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
09/26/05	ND<0.50	--	--	ND<0.50	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
12/20/05	ND<0.50	--	--	ND<0.50	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	--	--
12/20/05	--	--	--	--	--	--	--	--	--	--	--	--	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

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-3 continued															
06/22/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	0.25J	ND<0.50	ND<2.0	--	--	--	--	--	--	--
09/26/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
12/20/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
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	--	--
09/26/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
12/20/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<25	--	--
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	--	--

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-6 continued															
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	--	--
09/26/05	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
12/20/05	--	--	--	--	--	--	--	--	--	--	--	--	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	--	--	--	--	--
12/20/05	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)	Phenan-threne (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)	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	--	--	--	--	--	--	--	--
12/20/05	--	--	--	ND<0.50	ND<10	ND<0.50	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<4.0	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
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	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/05	--	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)	Phenan-threne (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)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-4															
02/14/03	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
09/26/05	--	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
12/20/05	--	--	--	ND<25	ND<500	ND<25	ND<25	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naph-thalene (µg/l)	Phenan-threne (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)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-6 continued															
06/22/05	--	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
09/26/05	--	--	--	ND<0.50	ND<10	ND<0.50	ND<0.50	--	--	--	--	--	--	--	--
12/20/05	--	--	--	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 (µg/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	--	--	--	--	--	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
12/20/05	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
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	--	--	--	--	--	--

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 (µg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-2 continued													
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
03/25/05	--	--	--	--	--	--	ND<50	--	--	--	--	--	--
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
12/20/05	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
MW-3													
05/03/00	--	--	--	--	--	--	--	--	--	--	ND	ND	--
07/28/00	--	--	--	--	--	--	--	--	--	--	1800	ND	--
10/29/00	--	--	--	--	--	--	--	--	--	--	ND	7.0	--
02/09/01	--	--	--	--	--	--	--	--	--	--	38	ND	--
05/11/01	--	--	--	--	--	--	--	--	--	--	ND	ND	--
08/10/01	--	--	--	--	--	--	--	--	--	--	ND<10	ND<5.0	--
11/07/01	--	--	--	--	--	--	--	--	--	--	ND<10	ND<5.0	--
02/06/02	--	--	--	--	--	--	--	--	--	--	110	ND<5.0	--
05/08/02	--	--	--	--	--	--	--	--	--	--	37	ND<5.2	--
08/09/02	--	--	--	--	--	--	--	--	--	--	700	ND<1.0	--
11/26/02	--	--	--	--	--	--	--	--	--	--	340	ND<1.0	--
02/14/03	--	--	--	--	--	--	--	--	--	--	74	ND<1.0	--
05/03/03	--	--	--	--	--	--	--	--	--	--	480	ND<1.0	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	280	ND<4.0	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	130	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	27	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	6.1	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	1000	1.2	ND<2.0
11/18/04	--	--	--	--	--	--	ND<50	--	--	--	ND<5.0	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<5.0	ND<2.0	ND<2.0

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 (µg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-3 continued													
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	24	ND<5.0	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	170	ND<5.0	--
12/20/05	--	--	--	--	--	--	ND<250	--	--	--	ND<10	ND<5.0	--
MW-4													
02/14/03	--	--	--	--	--	--	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	--	--	--	--	--	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
12/20/05	--	--	--	--	--	--	ND<250	--	--	--	--	--	--
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	--	--	--	--	--	--

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 (µg/l)	TOG (mg/l)	2-Methyl-naph-thalene (µg/l)
MW-5 continued													
06/22/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
12/20/05	--	--	--	--	--	--	ND<12000	--	--	--	--	--	--
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	--	--	--	--	--	--
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	--	--	--	--	--	--
09/26/05	--	--	--	--	--	--	ND<1000	--	--	--	--	--	--
12/20/05	--	--	--	--	--	--	ND<250	--	--	--	--	--	--

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
09/26/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/20/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

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
09/26/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
12/20/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<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
09/26/05	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
12/20/05	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
09/26/05	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<10	ND<2.0
12/20/05	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<10	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
09/26/05	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
12/20/05	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
09/26/05	ND<5.0	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
12/20/05	ND<5.0	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
09/26/05	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
12/20/05	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

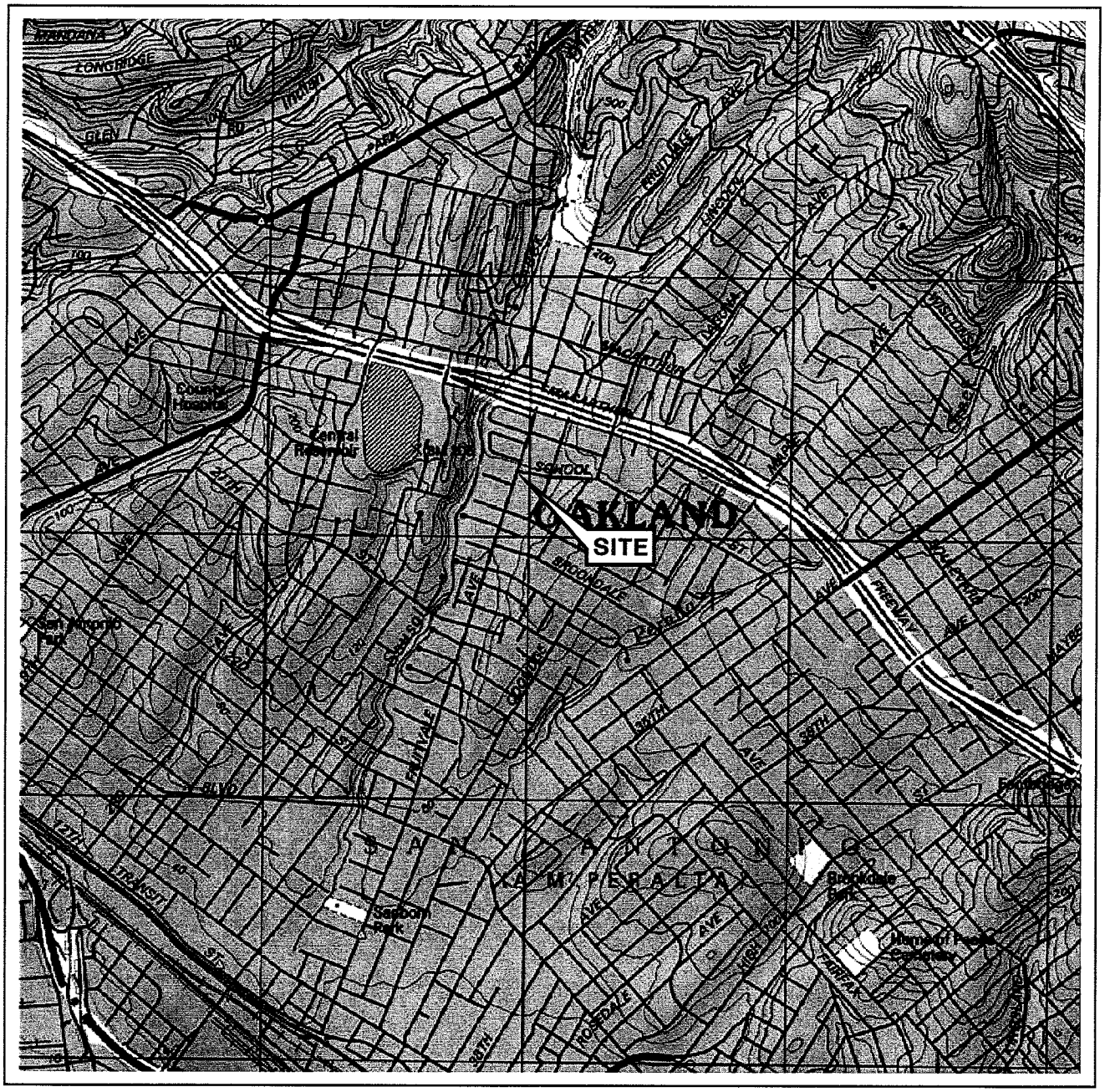
Table 4h
ADDITIONAL ANALYTICAL RESULTS
SVOCs by EPA Method 8270C
76 Station 4625

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
09/26/05	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
12/20/05	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
09/26/05	ND<2.0	ND<20	ND<2.0	ND<5.0
12/20/05	ND<2.0	ND<20	ND<2.0	ND<5.0

FIGURES



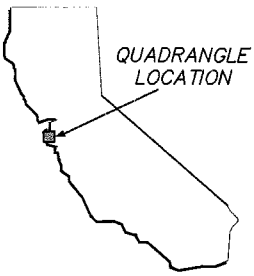
0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000

N

SOURCE:

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



VICINITY MAP

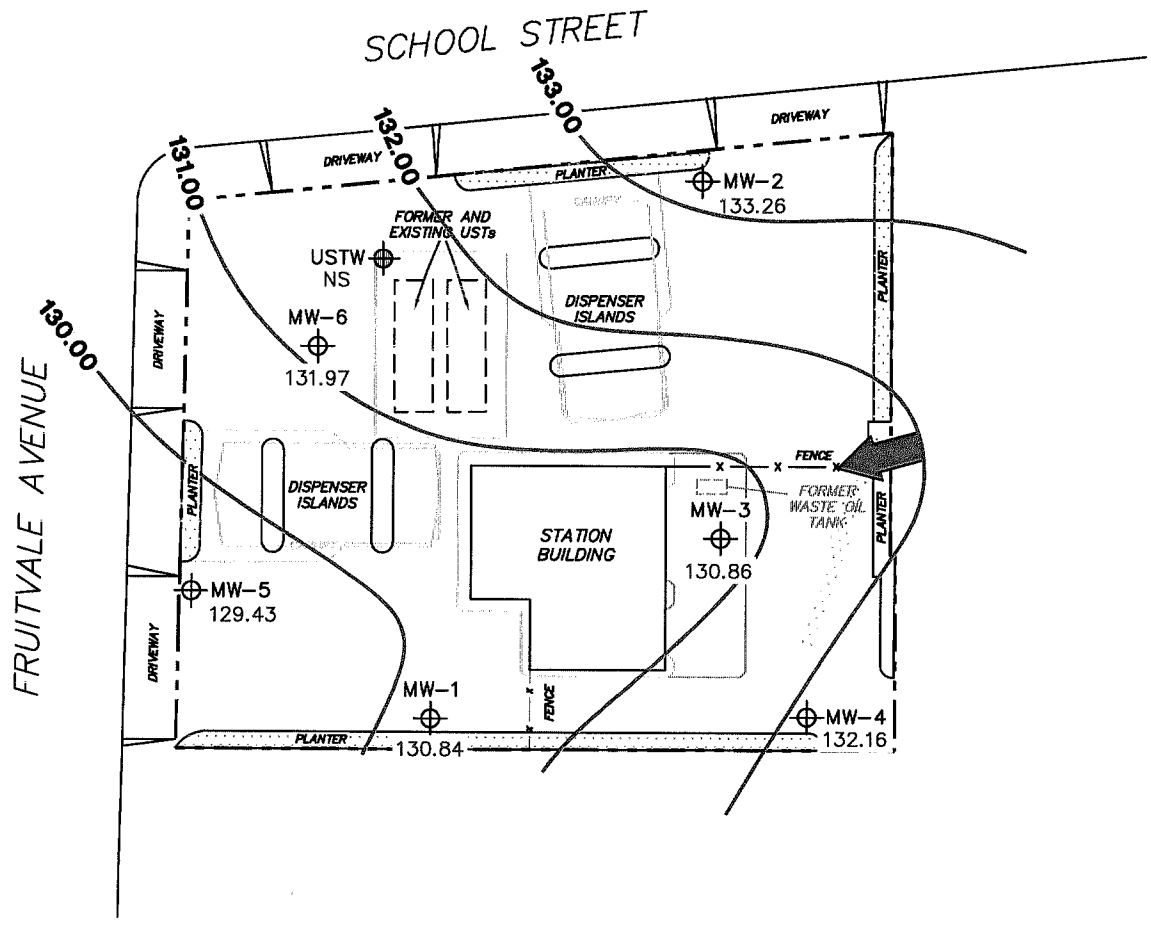
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 1

TRC

PS = 1:1

L:\ V I C I N I T Y M A P S\4625vm.dwg Aug 09, 2005 – 9:41am pgunderson



N

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
- **133.00** — Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

SCALE (FEET)

0 40

GROUNDWATER ELEVATION CONTOUR MAP
December 20, 2005

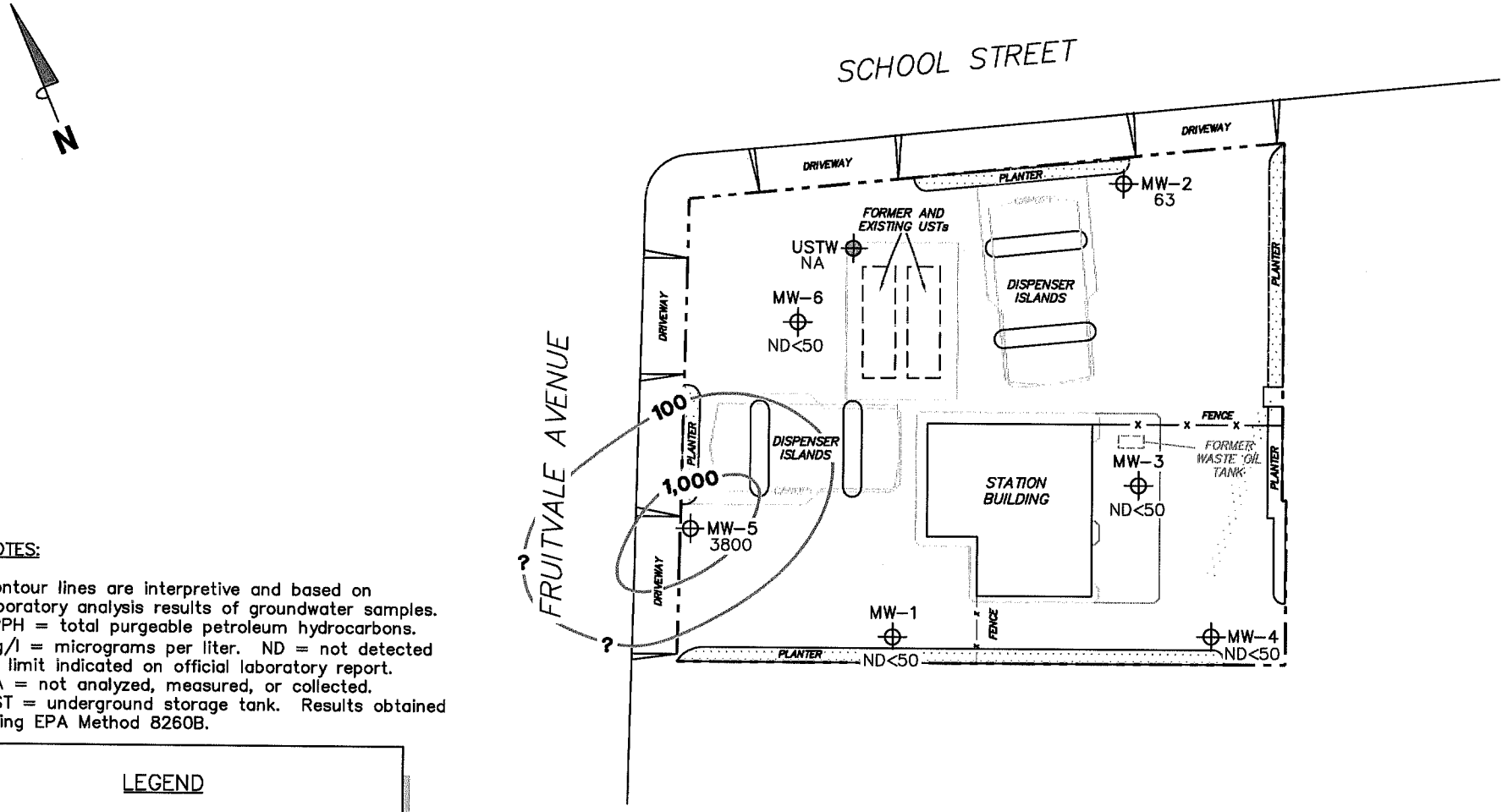
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 2

TRC

PS=1:1 4625-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Jan 12, 2006 - 8:57am bschmidt



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)

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
December 20, 2005

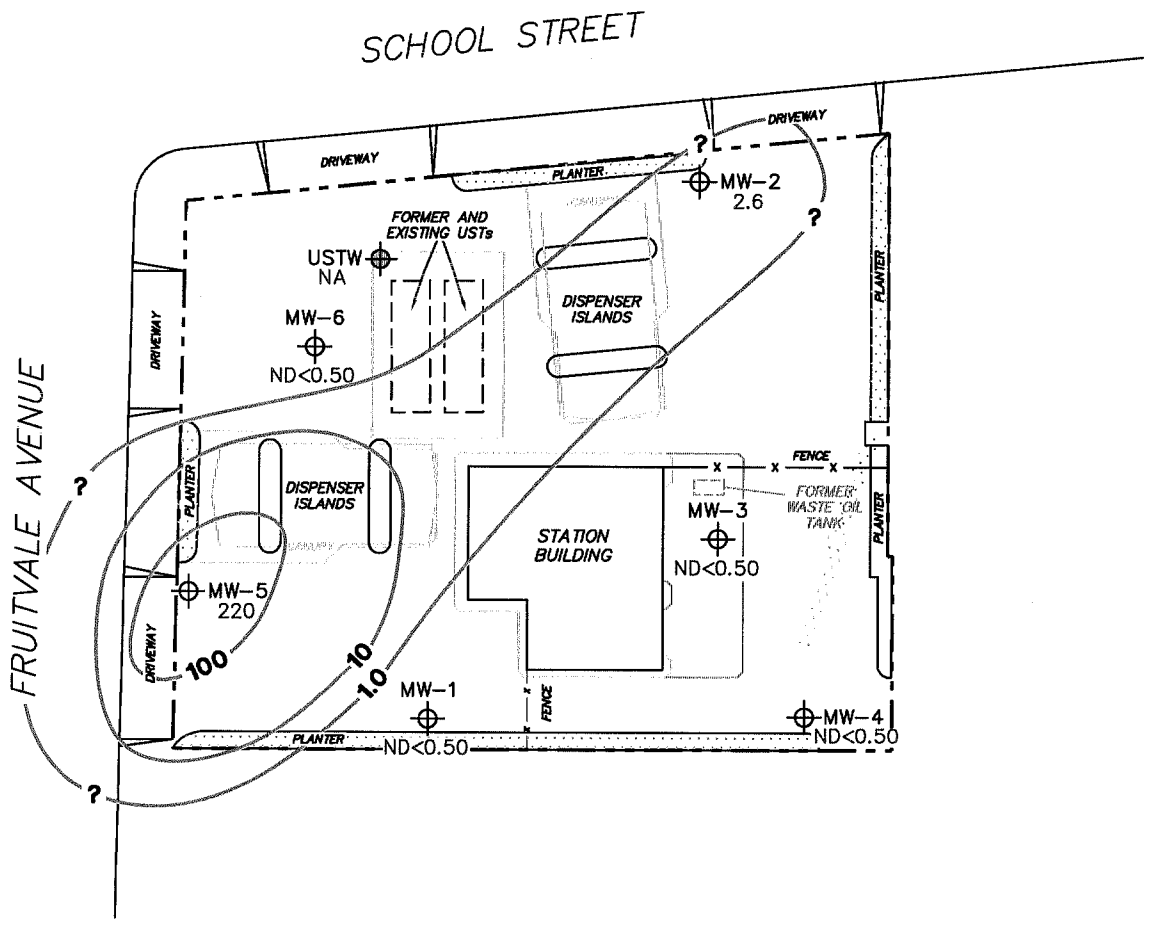
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

TRC

PS=1:1 4625-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Jan 12, 2006 - 8:08am bschmidt



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
December 20, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

TRC

PS=1:1 4625-003

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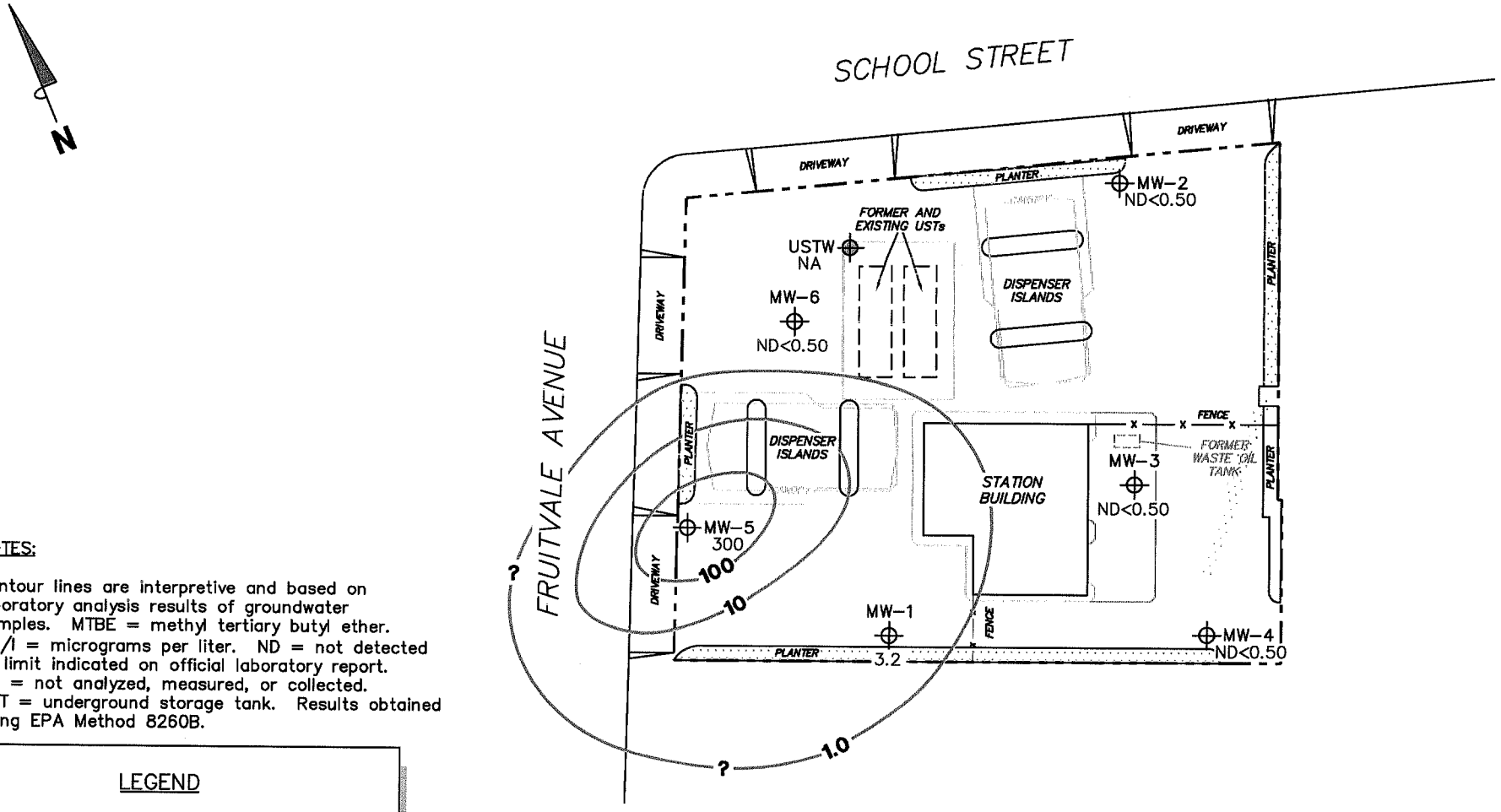


NOTES:

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)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 20, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

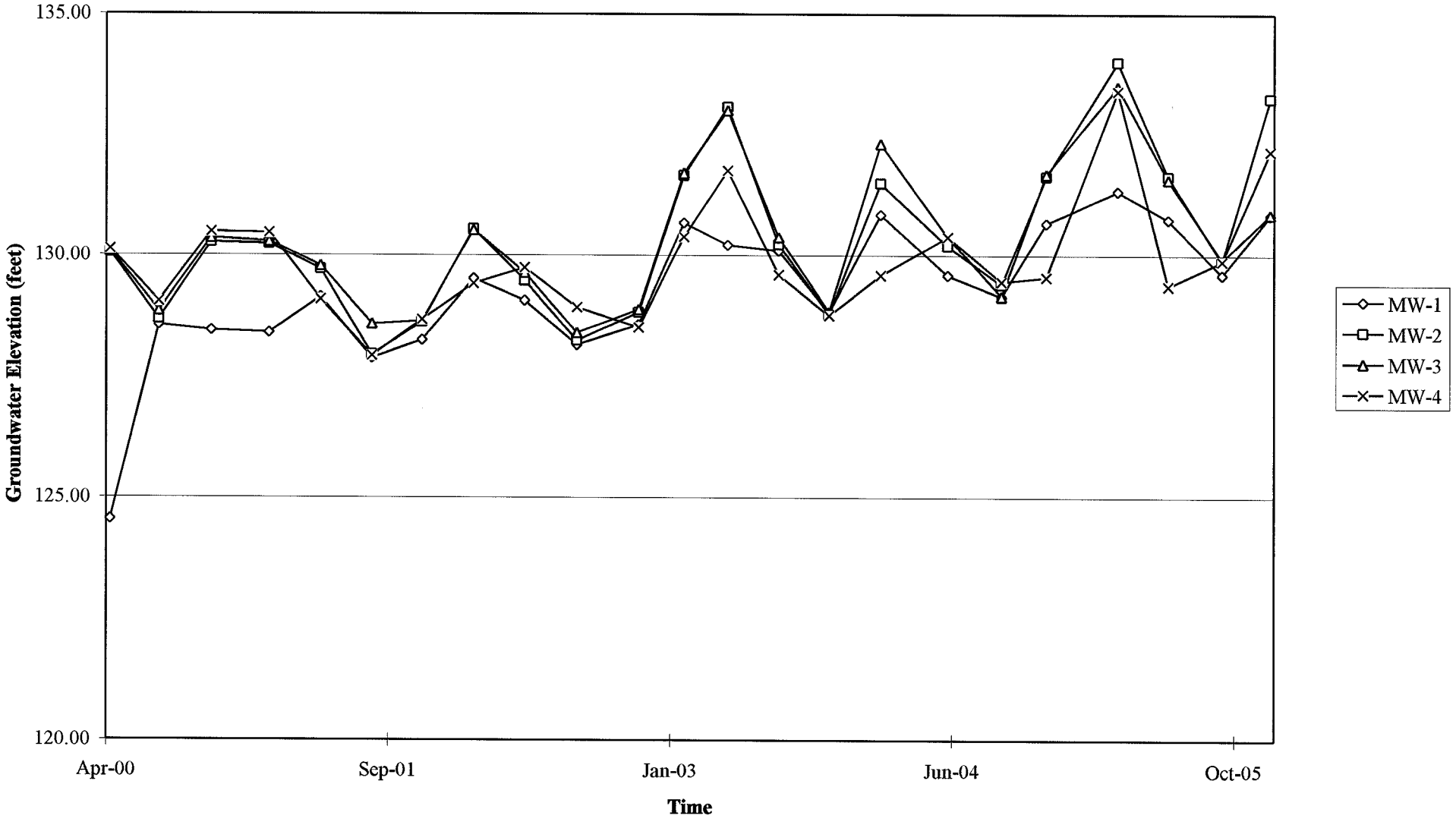
FIGURE 5

PS=1:1 4625-003

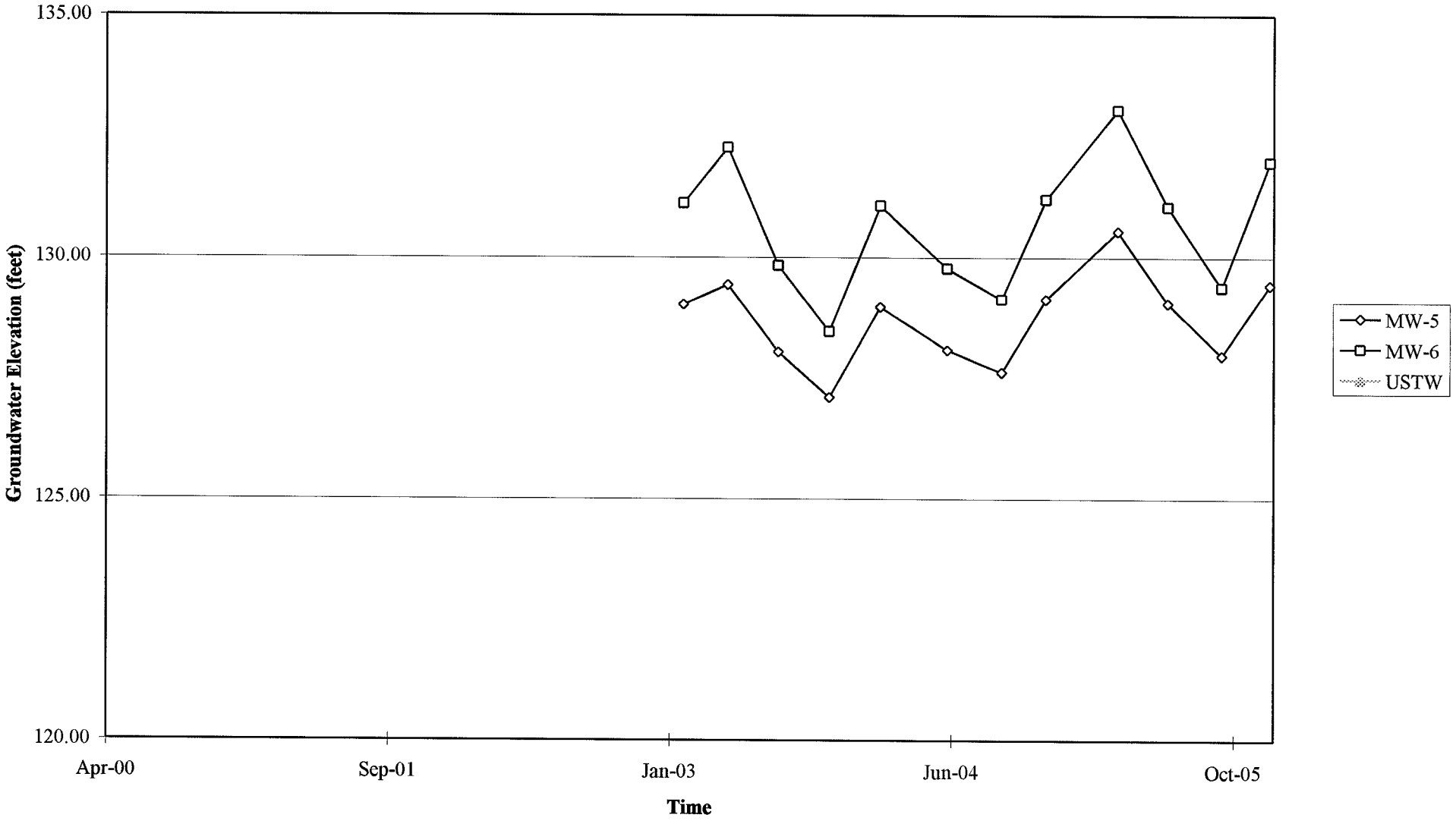
\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Jan 12, 2006 - 8:57am bschmidt

GRAPHS

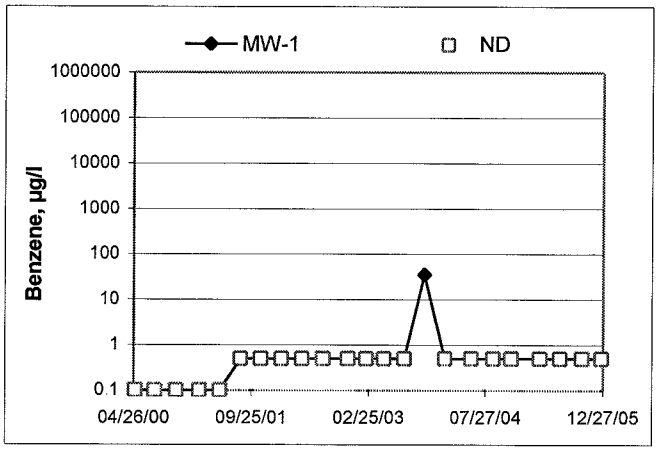
Groundwater Elevations vs. Time
76 Station 4625

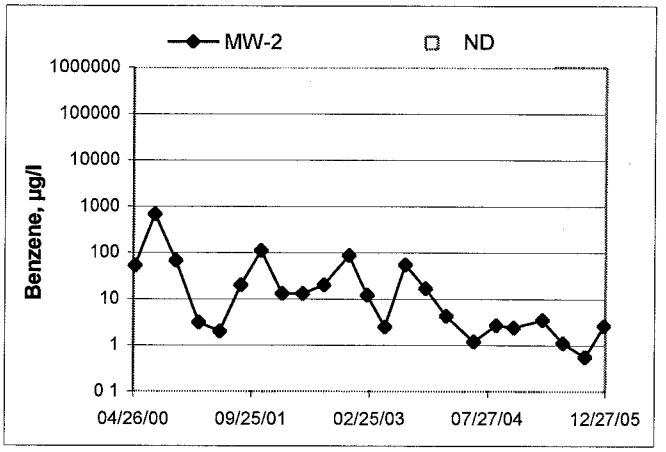


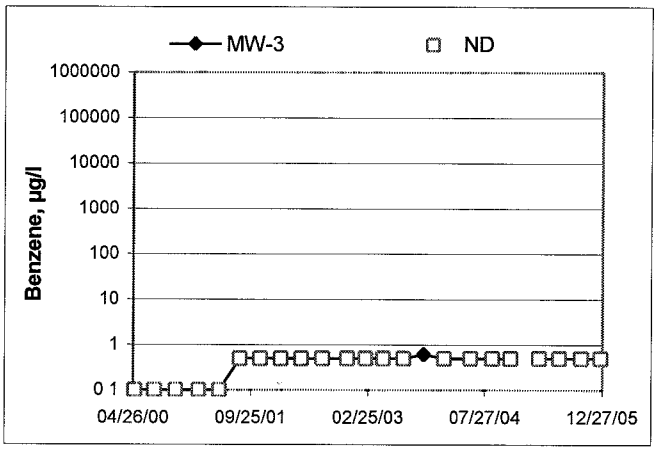
Groundwater Elevations vs. Time
76 Station 4625

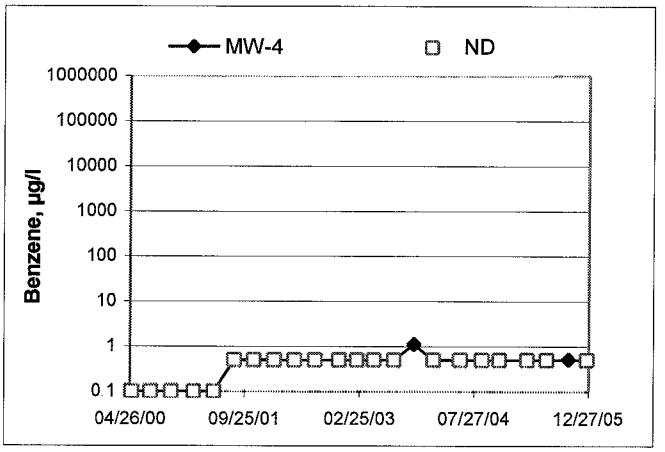


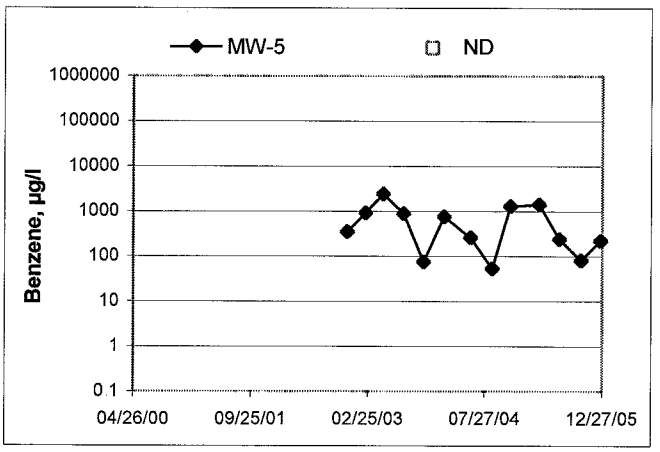
Benzene Concentrations vs Time
76 Station 4625

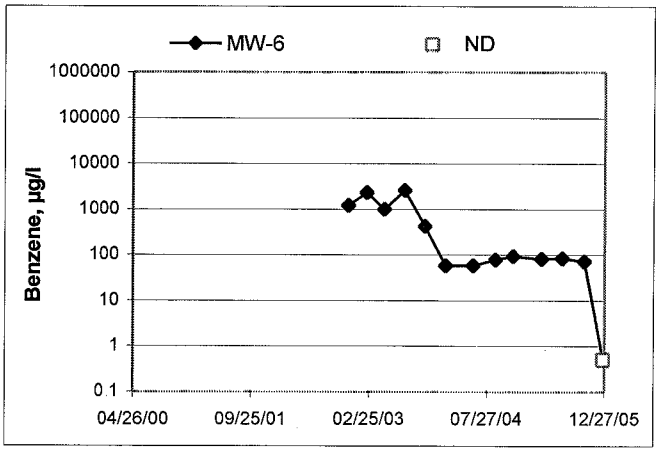












GENERAL FIELD PROCEDURES

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 or pneumatic diaphragm pumps.

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted 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: ALEX / JESUS Job #/Task #: 4105001 / FA20 Date: 12-20-05

Site # 4625 Project Manager KEITH WOODBURNE Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
DSTW	5:31	✓	15.18	5.35	~~0~~	~~0~~	N/S	6" / monitor only
MW-~~8~~ 1	5:41	✓	24.87	6.73	~~0~~	~~0~~	0910	2"
MW-3	0840	-	24.41	8.03	~~0~~	~~0~~	0932	2"
MW-4	0845	-	25.13	5.60	~~0~~	~~0~~	0927	2"
MW-2	5:48	✓	24.95	6.59	~~0~~	~~0~~	0752	2"
MW-6	5:54	✓	23.44	6.91	~~0~~	~~0~~	0800	2"
MW-5	6:00	✓	24.41	8.23	~~0~~	~~0~~	0804	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 4625 Project No.: 410500001 Date: 12-20-05

Well No.: MW-4 Purge Method: D.9

Depth to Water (feet): 5.65 Depth to Product (feet): 0

Total Depth (feet): 25.13 LPH & Water Recovered (gallons): 0

Water Column (feet): 19.48 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.54 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
0854			3	518	20.8	7.20		
			6	381	21.0	6.94		
	0859		9	359	21.6	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.71	9	9:27

Comments:

Well No.: MW-2 Purge Method: D.9

Depth to Water (feet): 6.59 Depth to Product (feet): 0

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

Water Column (feet): 18.36 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.26 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
7:15			3	440	21.6	7.30		
			6	439	22.7	6.77		
	7:19		9	386	22.8	6.72		

Static at Time Sampled	Total Gallons Purged	Time Sampled
6.59	9	0752

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Jesus

Site: 4625 Project No.: 410 50001 Date: 12-20-05

Well No.: MW-1 Purge Method: Dia

Depth to Water (feet): ~~535~~ 673 Depth to Product (feet): 0

Total Depth (feet): 2487 LPH & Water Recovered (gallons):

Water Column (feet): 1814 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 1035 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
7:03			3	901	20.2	7.05		
			6	838	20.7	7.69		
	7:09		9	827	190	8.06		

Static at Time Sampled	Total Gallons Purged	Time Sampled
19.32	9	0910

Comments: DID NOT RECOVER IN 2HRS.

Well No.: MW-3 Purge Method: Dia

Depth to Water (feet): 8.13 Depth to Product (feet): 0

Total Depth (feet): 24.41 LPH & Water Recovered (gallons): 0 2?

Water Column (feet): 16.28 Casing Diameter (Inches):

80% Recharge Depth (feet): 11.30 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
0849			3	680	18.0	7.17		
			6	627	18.5	7.21		
	0852		9	635	19.0	7.25		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.29	9	0932

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex / Tesh S

Site: 4625 Project No.: 410500001 Date: 12-20-05

Well No.: MW-6 Purge Method: D.9

Depth to Water (feet): 691 Depth to Product (feet): 0

Total Depth (feet): 2344 LPH & Water Recovered (gallons): 0

Water Column (feet): 1653 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 1021 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.
725			3	496	21.4	6.64		
			6	419	22.1	6.77		
	7:28		9	439	22.0	6.81		

Static at Time Sampled	Total Gallons Purged	Time Sampled
691	9	8:00

Comments:

Well No.: MW-5 Purge Method: D.9

Depth to Water (feet): 823 Depth to Product (feet): 0

Total Depth (feet): 2141 LPH & Water Recovered (gallons): 0

Water Column (feet) 1648 Casing Diameter (Inches) 2"

80% Recharge Depth (feet): 1146 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.
7:33			3	802	22.0	6.51		
			6	809	22.3	6.60		
	0737		9	808	22.6	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.55	9	0804

Comments:

BC Laboratories, Inc

Date of Report: 01/05/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 4625

BC Lab Number: 0512532

Enclosed are the results of analyses for samples received by the laboratory on 12/20/05 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

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

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

Reported: 01/05/06 16:03

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512532-01	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 09:10	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:	Alex/Jesus of TRCI			Cooler ID:
0512532-02	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 07:52	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:	Alex/Jesus of TRCI			Cooler ID:
0512532-03	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 09:27	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:	Alex/Jesus of TRCI			Cooler ID:
0512532-04	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 08:04	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:	Alex/Jesus of TRCI			Cooler ID:
0512532-05	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 08:00	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:	Alex/Jesus of TRCI			Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512532-06	**COC Number:**	---	**Receive Date:**	12/20/05 22:30	Delivery Work Order (LabW:
	Project Number:	4625	**Sampling Date:**	12/20/05 09:52	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:	Alex/Jesus of TRCI			Cooler ID:

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-01 | **Client Sample Name:** 4625, MW-1, MW-1, 12/20/2005 9:10:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	3.2	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 23:28	MWB	MS-V9	1	BOL1089		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-02 | **Client Sample Name:** 4625, MW-2, MW-2, 12/20/2005 7:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	2.6	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	2.4	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	3.7	ug/L	1.0		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
Total Purgeable Petroleum Hydrocarbons	63	ug/L	50		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	95.6	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	92.8	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:13	MWB	MS-V9	1	BOL1089		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-03 | **Client Sample Name:** 4625, MW-4, MW-4, 12/20/2005 9:27:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	91.5	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/30/05 16:40	MWB	MS-V9	1	BOL1089		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-04 | **Client Sample Name:** 4625, MW-5, MW-5, 12/20/2005 8:04:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	220	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
1,2-Dibromoethane	ND	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01, V11
1,2-Dichloroethane	ND	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Ethylbenzene	240	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Methyl t-butyl ether	300	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01, V11
Toluene	42	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Total Xylenes	620	ug/L	50		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
t-Amyl Methyl ether	ND	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
t-Butyl alcohol	ND	ug/L	500		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Diisopropyl ether	ND	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Ethanol	ND	ug/L	12000		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Ethyl t-butyl ether	ND	ug/L	25		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
Total Purgeable Petroleum Hydrocarbons	3800	ug/L	2500		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	98.8	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089		
4-Bromofluorobenzene (Surrogate)	91.2	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 16:28	MWB	MS-V9	50	BOL1089		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-05 | **Client Sample Name:** 4625, MW-6, MW-6, 12/20/2005 8:00:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	V11
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	V11
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	96.8	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	87.5	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	01/01/06 13:15	MWB	MS-V9	1	BOL1089		

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Volatile Organic Analysis (EPA Method 8240)

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Bromoform	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Bromomethane	ND	ug/L	1.0		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Chloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Chloroform	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	0.21	
Chloromethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	

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Volatile Organic Analysis (EPA Method 8240)

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Toluene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
p- & m-Xylenes	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
o-Xylene	ND	ug/L	0.50		EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114	(LCL - UCL)	EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	100	%	88 - 110	(LCL - UCL)	EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115	(LCL - UCL)	EPA-8240	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	12/28/05	12/28/05 17:07	MWB	MS-V9	1	BOL1089		

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

Reported: 01/05/06 16:03

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

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

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		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Acenaphthylene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Aldrin	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Aniline	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Anthracene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzidine	ND	ug/L	20		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Benzo[a]anthracene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzo[b]fluoranthene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzo[k]fluoranthene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzo[a]pyrene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzo[g,h,i]perylene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Benzoic acid	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Benzyl alcohol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Benzyl butyl phthalate	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
alpha-BHC	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
beta-BHC	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
delta-BHC	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
gamma-BHC (Lindane)	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
bis(2-Chloroethoxy)methane	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
bis(2-Chloroethyl) ether	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	3.6	M03
4-Bromophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	

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

Reported: 01/05/06 16:03

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

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Chloronaphthalene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4-Chlorophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Chrysene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4,4'-DDD	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4,4'-DDE	ND	ug/L	3.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4,4'-DDT	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Dibenzo[a,h]anthracene	ND	ug/L	3.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Dibenzofuran	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
1,2-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
1,3-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Dieldrin	ND	ug/L	3.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	0.16	
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
1,2-Diphenylhydrazine	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Endosulfan I	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Endosulfan II	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	

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

Reported: 01/05/06 16:03

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

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Endosulfan sulfate	ND	ug/L	3.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Endrin	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Endrin aldehyde	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Fluoranthene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Fluorene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Heptachlor	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Heptachlor epoxide	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Hexachlorobutadiene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
Isophorone	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Methylnaphthalene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Naphthalene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Naphthylamine	ND	ug/L	20		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
N-Nitrosodimethylamine	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
N-Nitrosodi-N-propylamine	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	V11
N-Nitrosodiphenylamine	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	

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

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

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Phenanthrene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Pyrene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
1,2,4-Trichlorobenzene	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4-Chloro-3-methylphenol	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Chlorophenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,4-Dichlorophenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,4-Dimethylphenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4,6-Dinitro-2-methylphenol	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,4-Dinitrophenol	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Methylphenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
3- & 4-Methylphenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Nitrophenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
4-Nitrophenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Pentachlorophenol	ND	ug/L	10		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
Phenol	ND	ug/L	2.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,4,5-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2,4,6-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974	ND	
2-Fluorophenol (Surrogate)	40.2	%	22 - 83 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		
Phenol-d5 (Surrogate)	48.3	%	12 - 69 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		
Nitrobenzene-d5 (Surrogate)	83.4	%	52 - 115 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		
2-Fluorobiphenyl (Surrogate)	77.3	%	40 - 109 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		
2,4,6-Tribromophenol (Surrogate)	73.1	%	54 - 126 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		
p-Terphenyl-d14 (Surrogate)	183	%	54 - 112 (LCL - UCL)		EPA-8270C	12/21/05	12/23/05 18:48	SKC	MS-B2	1	BOL0974		S09

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Total Petroleum Hydrocarbons

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	12/21/05	12/23/05 11:48	VTR	GC-13A	1	BOL0972	ND	
Tetracosane (Surrogate)	68.5	%	36 - 134 (LCL - UCL)		Luft/TPHd	12/21/05	12/23/05 11:48	VTR	GC-13A	1	BOL0972		V11

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

EPA Method 1664

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/L	5.0		EPA-1664H	12/28/05	12/28/05 10:00	JAK	MAN-SV	1.04	BOL1191	ND	

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Water Analysis (Metals)

BCL Sample ID: 0512532-06 | **Client Sample Name:** 4625, MW-3, MW-3, 12/20/2005 9:52:00AM, Alex/Jesus

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Chromium	ND	ug/L	10		EPA-6010B	12/22/05	12/23/05 13:00	ARD	PE-OP1	1	BOL0898	ND	

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

Reported: 01/05/06 16:03

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	BOL1089	BOL1089-MS1	Matrix Spike	ND	22.820	25.000	ug/L		91.3		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	22.490	25.000	ug/L	1.43	90.0	20	70 - 130	
Bromodichloromethane	BOL1089	BOL1089-MS1	Matrix Spike	ND	27.260	25.000	ug/L		109		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	26.320	25.000	ug/L	3.74	105	20	70 - 130	
Chlorobenzene	BOL1089	BOL1089-MS1	Matrix Spike	ND	24.420	25.000	ug/L		97.7		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	24.820	25.000	ug/L	1.62	99.3	20	70 - 130	
Chloroethane	BOL1089	BOL1089-MS1	Matrix Spike	ND	27.550	25.000	ug/L		110		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	27.930	25.000	ug/L	1.80	112	20	70 - 130	
1,4-Dichlorobenzene	BOL1089	BOL1089-MS1	Matrix Spike	ND	26.450	25.000	ug/L		106		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	26.950	25.000	ug/L	1.87	108	20	70 - 130	
1,1-Dichloroethane	BOL1089	BOL1089-MS1	Matrix Spike	ND	24.670	25.000	ug/L		98.7		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	23.370	25.000	ug/L	5.41	93.5	20	70 - 130	
1,1-Dichloroethene	BOL1089	BOL1089-MS1	Matrix Spike	ND	23.150	25.000	ug/L		92.6		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	22.000	25.000	ug/L	5.09	88.0	20	70 - 130	
Toluene	BOL1089	BOL1089-MS1	Matrix Spike	ND	26.320	25.000	ug/L		105		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	26.270	25.000	ug/L	0.00	105	20	70 - 130	
Trichloroethene	BOL1089	BOL1089-MS1	Matrix Spike	ND	26.320	25.000	ug/L		105		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	25.730	25.000	ug/L	1.92	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.440	10.000	ug/L		104		76 - 114	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.340	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.490	10.000	ug/L		105		88 - 110	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.330	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.690	10.000	ug/L		107		86 - 115	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.470	10.000	ug/L		105		86 - 115	

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

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

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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	BOL1089	BOL1089-MS1	Matrix Spike	ND	22.820	25.000	ug/L		91.3		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	22.490	25.000	ug/L	1.43	90.0	20	70 - 130	
Toluene	BOL1089	BOL1089-MS1	Matrix Spike	ND	26.320	25.000	ug/L		105		70 - 130	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	26.270	25.000	ug/L	0.00	105	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.440	10.000	ug/L		104		76 - 114	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.340	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.490	10.000	ug/L		105		88 - 110	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.330	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-MS1	Matrix Spike	ND	10.690	10.000	ug/L		107		86 - 115	
		BOL1089-MSD1	Matrix Spike Duplicate	ND	10.470	10.000	ug/L		105		86 - 115	

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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

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
Acenaphthene	BOL0974	BOL0974-MS1	Matrix Spike	ND	50.706	80.000	ug/L		63.4		38 - 102	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	51.413	80.000	ug/L	1.41	64.3	30	38 - 102	
1,4-Dichlorobenzene	BOL0974	BOL0974-MS1	Matrix Spike	ND	49.484	80.000	ug/L		61.9		39 - 101	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	48.467	80.000	ug/L	2.12	60.6	30	39 - 101	
2,4-Dinitrotoluene	BOL0974	BOL0974-MS1	Matrix Spike	ND	61.842	80.000	ug/L		77.3		40 - 117	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	65.966	80.000	ug/L	6.51	82.5	30	40 - 117	
Hexachlorobenzene	BOL0974	BOL0974-MS1	Matrix Spike	ND	56.637	80.000	ug/L		70.8		48 - 108	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	60.020	80.000	ug/L	5.76	75.0	30	48 - 108	
Hexachlorobutadiene	BOL0974	BOL0974-MS1	Matrix Spike	ND	52.410	80.000	ug/L		65.5		33 - 95	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	53.734	80.000	ug/L	2.56	67.2	30	33 - 95	
Hexachloroethane	BOL0974	BOL0974-MS1	Matrix Spike	ND	49.990	80.000	ug/L		62.5		33 - 97	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	49.747	80.000	ug/L	0.481	62.2	30	33 - 97	
Nitrobenzene	BOL0974	BOL0974-MS1	Matrix Spike	ND	74.264	80.000	ug/L		92.8		48 - 106	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	76.744	80.000	ug/L	3.29	95.9	30	48 - 106	
N-Nitrosodi-N-propylamine	BOL0974	BOL0974-MS1	Matrix Spike	ND	72.774	80.000	ug/L		91.0		44 - 95	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	70.073	80.000	ug/L	3.81	87.6	28	44 - 95	
Pyrene	BOL0974	BOL0974-MS1	Matrix Spike	ND	70.111	80.000	ug/L		87.6		40 - 111	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	68.494	80.000	ug/L	2.31	85.6	29	40 - 111	
1,2,4-Trichlorobenzene	BOL0974	BOL0974-MS1	Matrix Spike	ND	64.602	80.000	ug/L		80.8		40 - 95	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	63.863	80.000	ug/L	1.25	79.8	30	40 - 95	
4-Chloro-3-methylphenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	73.107	80.000	ug/L		91.4		57 - 115	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	74.918	80.000	ug/L	2.38	93.6	26	57 - 115	
2-Chlorophenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	49.191	80.000	ug/L		61.5		46 - 96	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	49.571	80.000	ug/L	0.810	62.0	26	46 - 96	
2-Methylphenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	58.037	80.000	ug/L		72.5		47 - 99	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	61.129	80.000	ug/L	5.24	76.4	25	47 - 99	
3- & 4-Methylphenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	93.888	80.000	ug/L		117		72 - 160	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	100.88	80.000	ug/L	7.41	126	24	72 - 160	

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

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
4-Nitrophenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	27.564	80.000	ug/L		34.5		12 - 86	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	31.744	80.000	ug/L	14.0	39.7	24	12 - 86	
Pentachlorophenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	59.102	80.000	ug/L		73.9		53 - 134	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	65.935	80.000	ug/L	10.9	82.4	23	53 - 134	
Phenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	37.590	80.000	ug/L		47.0		18 - 55	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	37.859	80.000	ug/L	0.636	47.3	26	18 - 55	
2,4,6-Trichlorophenol	BOL0974	BOL0974-MS1	Matrix Spike	ND	65.553	80.000	ug/L		81.9		48 - 124	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	65.609	80.000	ug/L	0.122	82.0	30	48 - 124	
2-Fluorophenol (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	37.640	80.000	ug/L		47.0		22 - 83	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	38.140	80.000	ug/L		47.7		22 - 83	
Phenol-d5 (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	39.230	80.000	ug/L		49.0		12 - 69	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	39.980	80.000	ug/L		50.0		12 - 69	
Nitrobenzene-d5 (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	70.640	80.000	ug/L		88.3		52 - 115	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	72.410	80.000	ug/L		90.5		52 - 115	
2-Fluorobiphenyl (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	55.070	80.000	ug/L		68.8		40 - 109	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	56.030	80.000	ug/L		70.0		40 - 109	
2,4,6-Tribromophenol (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	59.520	80.000	ug/L		74.4		54 - 126	
		BOL0974-MSD1	Matrix Spike Duplicate	ND	64.530	80.000	ug/L		80.7		54 - 126	
p-Terphenyl-d14 (Surrogate)	BOL0974	BOL0974-MS1	Matrix Spike	ND	59.300	40.000	ug/L		148		54 - 112	S09
		BOL0974-MSD1	Matrix Spike Duplicate	ND	59.840	40.000	ug/L		150		54 - 112	S09

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Total Petroleum Hydrocarbons

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
Diesel Range Organics (C12 - C24)	BOL0972	BOL0972-MS1	Matrix Spike	ND	392.74	500.00	ug/L		78.5		41 - 139	
		BOL0972-MSD1	Matrix Spike Duplicate	ND	387.48	500.00	ug/L	1.28	77.5	30	41 - 139	
Tetracosane (Surrogate)	BOL0972	BOL0972-MS1	Matrix Spike	ND	17.956	20.000	ug/L		89.8		36 - 134	V11
		BOL0972-MSD1	Matrix Spike Duplicate	ND	19.652	20.000	ug/L		98.3		36 - 134	V11

TRC Alton Geoscience	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	BOL1191	BOL1191-DUP1	Duplicate	2.1000	ND		mg/L			18		
		BOL1191-MS1	Matrix Spike	2.1000	30.050	38.250	mg/L		73.1		78 - 114	Q03
		BOL1191-MSD1	Matrix Spike Duplicate	2.1000	33.950	38.250	mg/L	13.0	83.3	18	78 - 114	

TRC Alton Geoscience	Project: 4625	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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	BOL0898	BOL0898-DUP1	Duplicate	7.1745	7.0670		ug/L	1.51		20		
		BOL0898-MS1	Matrix Spike	7.1745	183.04	200.00	ug/L		87.9		75 - 125	
		BOL0898-MSD1	Matrix Spike Duplicate	7.1745	185.93	200.00	ug/L	1.69	89.4	20	75 - 125	

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

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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	BOL1089	BOL1089-BS1	LCS	22.800	25.000	0.50	ug/L	91.2		70 - 130		
Bromodichloromethane	BOL1089	BOL1089-BS1	LCS	25.850	25.000	0.50	ug/L	103		70 - 130		
Chlorobenzene	BOL1089	BOL1089-BS1	LCS	25.120	25.000	0.50	ug/L	100		70 - 130		
Chloroethane	BOL1089	BOL1089-BS1	LCS	28.200	25.000	0.50	ug/L	113		70 - 130		
1,4-Dichlorobenzene	BOL1089	BOL1089-BS1	LCS	26.460	25.000	0.50	ug/L	106		70 - 130		
1,1-Dichloroethane	BOL1089	BOL1089-BS1	LCS	23.530	25.000	0.50	ug/L	94.1		70 - 130		
1,1-Dichloroethene	BOL1089	BOL1089-BS1	LCS	21.840	25.000	0.50	ug/L	87.4		70 - 130		
Toluene	BOL1089	BOL1089-BS1	LCS	26.430	25.000	0.50	ug/L	106		70 - 130		
Trichloroethene	BOL1089	BOL1089-BS1	LCS	25.690	25.000	0.50	ug/L	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-BS1	LCS	9.9200	10.000		ug/L	99.2		76 - 114		
Toluene-d8 (Surrogate)	BOL1089	BOL1089-BS1	LCS	10.550	10.000		ug/L	106		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-BS1	LCS	10.630	10.000		ug/L	106		86 - 115		

TRC Alton Geoscience	Project: 4625	
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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	BOL1089	BOL1089-BS1	LCS	22.800	25.000	0.50	ug/L	91.2		70 - 130		
Toluene	BOL1089	BOL1089-BS1	LCS	26.430	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-BS1	LCS	9.9200	10.000		ug/L	99.2		76 - 114		
Toluene-d8 (Surrogate)	BOL1089	BOL1089-BS1	LCS	10.550	10.000		ug/L	106		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-BS1	LCS	10.630	10.000		ug/L	106		86 - 115		

TRC Alton Geoscience	Project: 4625	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Acenaphthene	BOL0974	BOL0974-BS1	LCS	49.659	80.000	2.0	ug/L	62.1		43 - 104		
1,4-Dichlorobenzene	BOL0974	BOL0974-BS1	LCS	49.451	80.000	2.0	ug/L	61.8		46 - 102		
2,4-Dinitrotoluene	BOL0974	BOL0974-BS1	LCS	62.237	80.000	2.0	ug/L	77.8		45 - 120		
Hexachlorobenzene	BOL0974	BOL0974-BS1	LCS	59.138	80.000	2.0	ug/L	73.9		54 - 111		
Hexachlorobutadiene	BOL0974	BOL0974-BS1	LCS	52.412	80.000	2.0	ug/L	65.5		39 - 97		
Hexachloroethane	BOL0974	BOL0974-BS1	LCS	50.098	80.000	2.0	ug/L	62.6		43 - 94		
Nitrobenzene	BOL0974	BOL0974-BS1	LCS	72.861	80.000	2.0	ug/L	91.1		52 - 109		
N-Nitrosodi-N-propylamine	BOL0974	BOL0974-BS1	LCS	72.783	80.000	2.0	ug/L	91.0		48 - 97		
Pyrene	BOL0974	BOL0974-BS1	LCS	69.672	80.000	2.0	ug/L	87.1		42 - 105		
1,2,4-Trichlorobenzene	BOL0974	BOL0974-BS1	LCS	63.458	80.000	2.0	ug/L	79.3		44 - 97		
4-Chloro-3-methylphenol	BOL0974	BOL0974-BS1	LCS	72.259	80.000	5.0	ug/L	90.3		58 - 121		
2-Chlorophenol	BOL0974	BOL0974-BS1	LCS	49.045	80.000	2.0	ug/L	61.3		50 - 96		
2-Methylphenol	BOL0974	BOL0974-BS1	LCS	59.002	80.000	2.0	ug/L	73.8		52 - 101		
3- & 4-Methylphenol	BOL0974	BOL0974-BS1	LCS	95.827	80.000	2.0	ug/L	120		81 - 158		
4-Nitrophenol	BOL0974	BOL0974-BS1	LCS	27.672	80.000	2.0	ug/L	34.6		13 - 87		
Pentachlorophenol	BOL0974	BOL0974-BS1	LCS	63.764	80.000	10	ug/L	79.7		48 - 138		
Phenol	BOL0974	BOL0974-BS1	LCS	38.031	80.000	2.0	ug/L	47.5		18 - 57		
2,4,6-Trichlorophenol	BOL0974	BOL0974-BS1	LCS	63.338	80.000	5.0	ug/L	79.2		55 - 125		
2-Fluorophenol (Surrogate)	BOL0974	BOL0974-BS1	LCS	38.010	80.000		ug/L	47.5		22 - 83		
Phenol-d5 (Surrogate)	BOL0974	BOL0974-BS1	LCS	39.730	80.000		ug/L	49.7		12 - 69		
Nitrobenzene-d5 (Surrogate)	BOL0974	BOL0974-BS1	LCS	70.420	80.000		ug/L	88.0		52 - 115		
2-Fluorobiphenyl (Surrogate)	BOL0974	BOL0974-BS1	LCS	54.780	80.000		ug/L	68.5		40 - 109		
2,4,6-Tribromophenol (Surrogate)	BOL0974	BOL0974-BS1	LCS	61.890	80.000		ug/L	77.4		54 - 126		
p-Terphenyl-d14 (Surrogate)	BOL0974	BOL0974-BS1	LCS	58.440	40.000		ug/L	146		54 - 112		S09

TRC Alton Geoscience	Project: 4625	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Diesel Range Organics (C12 - C24)	BOL0972	BOL0972-BS1	LCS	334.58	500.00	200	ug/L	66.9		62 - 101		
Tetracosane (Surrogate)	BOL0972	BOL0972-BS1	LCS	17.628	20.000		ug/L	88.1		36 - 134		V11

TRC Alton Geoscience	Project: 4625	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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	BOL1191	BOL1191-BS1	LCS	31.950	38.250	5.0	mg/L	83.5		78 - 114		

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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	BOL0898	BOL0898-BS1	LCS	190.78	200.00	10	ug/L	95.4		85 - 115		

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

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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	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Bromodichloromethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Bromoform	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.33	
Bromomethane	BOL1089	BOL1089-BLK1	ND	ug/L	1.0	0.21	
Carbon tetrachloride	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.15	
Chlorobenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Chloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.38	
Chloroform	BOL1089	BOL1089-BLK1	0.21000	ug/L	0.50	0.11	
Chloromethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.17	
Dibromochloromethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.13	
1,2-Dichlorobenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.077	
1,3-Dichlorobenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.14	
1,4-Dichlorobenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.14	
1,1-Dichloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.13	
1,2-Dichloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.25	
1,1-Dichloroethene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.14	
trans-1,2-Dichloroethene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.19	
1,2-Dichloropropane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.16	
cis-1,3-Dichloropropene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.13	
trans-1,3-Dichloropropene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.14	
Ethylbenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BOL1089	BOL1089-BLK1	ND	ug/L	1.0	0.44	
Methyl t-butyl ether	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
1,1,2,2-Tetrachloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.23	
Tetrachloroethene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.15	

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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	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.15	
1,1,1-Trichloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.16	
1,1,2-Trichloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.15	
Trichloroethene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.18	
Trichlorofluoromethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.20	
1,1,2-Trichloro-1,2,2-trifluoroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.18	
Vinyl chloride	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.16	
Total Xylenes	BOL1089	BOL1089-BLK1	ND	ug/L	1.0	0.37	
p- & m-Xylenes	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.24	
o-Xylene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.13	
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL1089	BOL1089-BLK1	99.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-BLK1	98.6	%	86 - 115 (LCL - UCL)		

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

Reported: 01/05/06 16:03

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	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
1,2-Dibromoethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichloroethane	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.25	
Ethylbenzene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.12	
Toluene	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOL1089	BOL1089-BLK1	ND	ug/L	1.0	0.37	
t-Amyl Methyl ether	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.49	
t-Butyl alcohol	BOL1089	BOL1089-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BOL1089	BOL1089-BLK1	ND	ug/L	250	110	
Ethyl t-butyl ether	BOL1089	BOL1089-BLK1	ND	ug/L	0.50	0.25	
Total Purgeable Petroleum Hydrocarbons	BOL1089	BOL1089-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOL1089	BOL1089-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL1089	BOL1089-BLK1	99.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL1089	BOL1089-BLK1	98.6	%	86 - 115 (LCL - UCL)		

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

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Acenaphthene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.26	
Acenaphthylene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.25	
Aldrin	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.45	
Aniline	BOL0974	BOL0974-BLK1	ND	ug/L	5.0	0.72	
Anthracene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.27	
Benzidine	BOL0974	BOL0974-BLK1	ND	ug/L	20	5.3	
Benzo[a]anthracene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.35	
Benzo[b]fluoranthene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.41	
Benzo[k]fluoranthene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.21	
Benzo[a]pyrene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.31	
Benzo[g,h,i]perylene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.66	
Benzoic acid	BOL0974	BOL0974-BLK1	ND	ug/L	10	1.3	
Benzyl alcohol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.30	
Benzyl butyl phthalate	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.74	
alpha-BHC	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.42	
beta-BHC	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.44	
delta-BHC	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.33	
gamma-BHC (Lindane)	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.41	
bis(2-Chloroethoxy)methane	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.37	
bis(2-Chloroethyl) ether	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.37	
bis(2-Chloroisopropyl)ether	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.28	
bis(2-Ethylhexyl)phthalate	BOL0974	BOL0974-BLK1	3.5714	ug/L	5.0	1.3	M03
4-Bromophenyl phenyl ether	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.41	
4-Chloroaniline	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.66	
2-Chloronaphthalene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.31	

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

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
4-Chlorophenyl phenyl ether	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.27	
Chrysene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.43	
4,4'-DDD	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	1.3	
4,4'-DDE	BOL0974	BOL0974-BLK1	ND	ug/L	3.0	1.2	
4,4'-DDT	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	1.6	
Dibenzo[a,h]anthracene	BOL0974	BOL0974-BLK1	ND	ug/L	3.0	0.68	
Dibenzofuran	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.29	
1,2-Dichlorobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.32	
1,3-Dichlorobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.34	
1,4-Dichlorobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.39	
3,3-Dichlorobenzidine	BOL0974	BOL0974-BLK1	ND	ug/L	10	2.5	
Dieldrin	BOL0974	BOL0974-BLK1	ND	ug/L	3.0	1.5	
Diethyl phthalate	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.39	
Dimethyl phthalate	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.24	
Di-n-butyl phthalate	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.31	
2,4-Dinitrotoluene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.23	
2,6-Dinitrotoluene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.29	
Di-n-octyl phthalate	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.67	
1,2-Diphenylhydrazine	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.22	
Endosulfan I	BOL0974	BOL0974-BLK1	ND	ug/L	10	1.7	
Endosulfan II	BOL0974	BOL0974-BLK1	ND	ug/L	10	0.85	
Endosulfan sulfate	BOL0974	BOL0974-BLK1	ND	ug/L	3.0	1.3	
Endrin	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	1.8	
Endrin aldehyde	BOL0974	BOL0974-BLK1	ND	ug/L	10	4.0	
Fluoranthene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.28	

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Fluorene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.32	
Heptachlor	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.35	
Heptachlor epoxide	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.54	
Hexachlorobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.44	
Hexachlorobutadiene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.37	
Hexachlorocyclopentadiene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.70	
Hexachloroethane	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.45	
Indeno[1,2,3-cd]pyrene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.61	
Isophorone	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.35	
2-Methylnaphthalene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.39	
Naphthalene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.33	
2-Naphthylamine	BOL0974	BOL0974-BLK1	ND	ug/L	20	4.1	
2-Nitroaniline	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.29	
3-Nitroaniline	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.49	
4-Nitroaniline	BOL0974	BOL0974-BLK1	ND	ug/L	5.0	0.28	
Nitrobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.26	
N-Nitrosodimethylamine	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.17	
N-Nitrosodi-N-propylamine	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.41	
N-Nitrosodiphenylamine	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.30	
Phenanthrene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.30	
Pyrene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.81	
1,2,4-Trichlorobenzene	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.35	
4-Chloro-3-methylphenol	BOL0974	BOL0974-BLK1	ND	ug/L	5.0	0.32	
2-Chlorophenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.27	
2,4-Dichlorophenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.30	

TRC Alton Geoscience
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Project: 4625
Project Number: [none]
Project Manager: Anju Farfan

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
2,4-Dimethylphenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.58	
4,6-Dinitro-2-methylphenol	BOL0974	BOL0974-BLK1	ND	ug/L	10	0.30	
2,4-Dinitrophenol	BOL0974	BOL0974-BLK1	ND	ug/L	10	0.21	
2-Methylphenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.36	
3- & 4-Methylphenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.60	
2-Nitrophenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.35	
4-Nitrophenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.16	
Pentachlorophenol	BOL0974	BOL0974-BLK1	ND	ug/L	10	0.42	
Phenol	BOL0974	BOL0974-BLK1	ND	ug/L	2.0	0.18	
2,4,5-Trichlorophenol	BOL0974	BOL0974-BLK1	ND	ug/L	5.0	0.36	
2,4,6-Trichlorophenol	BOL0974	BOL0974-BLK1	ND	ug/L	5.0	0.39	
2-Fluorophenol (Surrogate)	BOL0974	BOL0974-BLK1	43.1	%	22 - 83 (LCL - UCL)		
Phenol-d5 (Surrogate)	BOL0974	BOL0974-BLK1	45.0	%	12 - 69 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BOL0974	BOL0974-BLK1	79.6	%	52 - 115 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BOL0974	BOL0974-BLK1	70.4	%	40 - 109 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BOL0974	BOL0974-BLK1	77.8	%	54 - 126 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BOL0974	BOL0974-BLK1	167	%	54 - 112 (LCL - UCL)		S09

TRC Alton Geoscience	Project: 4625	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BOL0972	BOL0972-BLK1	ND	ug/L	200	66	
Tetracosane (Surrogate)	BOL0972	BOL0972-BLK1	85.6	%	36 - 134 (LCL - UCL)		V11

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

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	BOL1191	BOL1191-BLK1	ND	mg/L	5.0	1.9	

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Chromium	BOL0898	BOL0898-BLK1	ND	ug/L	10	1.7	

TRC Alton Geoscience	Project: 4625	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/05/06 16:03

Notes and Definitions

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
Q03	Matrix spike recovery(s) is(are) not within the control limits.
M03	Analyte detected in the Method Blank at a level between the PQL and the MDL.
J	Estimated value
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

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BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page 1 Of 1

Submission #: 05- 12532 | 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 B/U Temperature: 2.9 °C Thermometer ID: 48 Emissivity 1.0 Container VOA

Date/Time 12/20/05 Analyst Init

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			1							
PT TOTAL SULFIDE			1							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A (3)	A (3)	A (3)	"	A (3)	A (6)	"	"	"	"
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				"						
QT EPA 508/608/8080										
QT EPA 515.1/8150				"		C, D				
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER						E				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: No Samples were received for Dush 4

Sample Numbering Completed By: _____ Date/Time: 12/21 0145

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 1 of 2

Submission #: 05-12539 | 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: RCW Emissivity: 1.0
Temperature: 3.5 °C Container: VOA
Thermometer ID: 48

Date/Time: 12/22/05
Analyst Init: AR

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

Comments:_____

Sample Numbering Completed By: CDR Date/Time: 12/23 0853

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc. — Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

36578

Page 1 of 1

Report To: TRC Client: TRC	Project #: 4105000i
Attn: DAVID FARFAN	Project Name:
Street Address: 3070 FRUITVALE AVE.	Project Code: 4625
City, State, Zip: OAKLAND CA.	Sampler(s): ALEX / JESUS
Phone: Fax:	
Email Address:	WO # 1285TRC501
Submittal #: 05-12532	GLOBAL ID # T0600102154

Analysis Requested

Please refer to the back of this page for sample container instructions and method reference.

Sample #	Description	Date Sampled	Time Sampled	TPPH by 8260B	BTEX/MTBE by 8260B	Ethanol by 8260B	BTEX by 8260B	8 days by 8260B	TPH-D by 8015M	TOG	VOCs by 8260	SVOC's by 8270	TOTAL CHROMium	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*
-1	MW-1	12/20/05	0910	X	X	X											Y			
-2	MW-2		0752	X	X	X														
-3	MW-4		0927	X	X	X														
-4	MW-5		0804	X			X	X												
-5	MW-6		0800	X			X	X												
-6	MW-3		0932	X	X	X			X	X	X	X	X							

Comments:
RUN 8 OXYS 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

Notes

3 VOAs w/ HCl
6 VOAs w/ HCl
2 liter ambers unpres
1 liter amber w/ HCl
1 250 ml poly w/ HNO3
* SHORT HOLDING TIME

CHK BY DISTRIBUTION
DDB MASCSLNYR
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.		12-20-05	1123		12-20-05	1123
2.		12-20-05	1405		12-20-05	1405
3.	Ross Wacker	12/20/05	1750		12-20-05	1750

Northern CA

12-20-05 12-20-05 12/20/05 2230

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 ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 200 3. 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 tra nsportation and disposal by Filter Recycling, 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 Ci vil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professio nal 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.