R0298

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

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

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

Dear Mr. Hwang:

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

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

Sincerely,

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

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

Attachment
cc: Liz Sewell, ConocoPhillips

TRC

Customer-Focused Solutions

April 22, 2005 TRC Project No. 42014501

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

RE: Quarterly Status Report - First 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 First Quarter 2005 Quarterly Status Report for the subject site, shown on the attached Figures 3 through 5.

PREVIOUS ASSESSMENTS

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

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

May 1998: A waste oil UST and associated piping was also removed. Concentrations of TPH-g, benzene, total petroleum hydrocarbons as diesel (TPH-d), total oil and grease (TOG), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals ranged from non-detect to moderate levels.

A total of approximately 1,166 tons of soil were over excavated and transported from the site to Allied Waste's Forward Landfill in Manteca, California. Additionally, 40,000 gallons of groundwater were pumped from the UST pit and transported to the Tosco Refinery in Rodeo, California for disposal. A conductor casing was installed in the backfill during installation of the replacement gasoline USTs. The waste oil tank was replaced with an aboveground tank.

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

May 2003: Two monitoring wells were installed to 25 feet below ground surface (bgs) and two exploratory borings were advanced to approximately 15 feet bgs. Soil samples contained low maximum levels of benzene, MTBE, and tertiary butyl alcohol (TBA), and moderate levels of

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

TPH-g. Grab groundwater samples collected from the two soil borings were reported to contain elevated concentrations of petroleum hydrocarbons in both samples.

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

SENSITIVE RECEPTORS

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

MONITORING AND SAMPLING

Currently, seven wells are monitored and six wells are sampled quarterly. The groundwater gradient and flow direction were 0.03 foot/foot to the southwest.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of six wells, with a maximum concentration of 53,000 micrograms per liter (µg/l) in MW-5.

Benzene was detected in three of six wells, with a maximum concentration of 1,400 µg/l in MW-5.

MTBE was detected in four of six wells sampled, with a maximum concentration of 1,000 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

February 9, 2005: Alameda County Environmental Health Services (ACEHS) disapproved the "Work Plan for Limited Subsurface Investigation" dated July 23, 2003, submitted by Gettler-Ryan Inc., and requested a new work plan to be submitted by April 9, 2005.

March 29, 2005: TRC requested an extension for the preparation and submittal of the revised work plan. The due date was for submittal of the revised work plan was extended by ACEHS to May 23, 2005.

CURRENT QUARTER ACTIVITIES

March 25, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

NEXT QUARTER ACTIVITIES

Prepare and submit a work plan for additional site assessment to characterize the vertical and lateral distribution of dissolved-phase hydrocarbons, including MTBE, in site soil and groundwater.

Continue quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

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

Sincerely,

TRC

Roger Batra

Roger Batra
Senior Project Manager

Attachments:

Figure 3 – Dissolved-Phase TPPH Concentration Map, March 25, 2005, from Quarterly Monitoring Report, January through March 2005, dated April 17, 2005 by TRC.

Figure 4 – Dissolved-Phase Benzene Concentration Map, March 25, 2005, from Quarterly Monitoring Report, January through March 2005, dated April 17, 2005 by TRC.

Figure 5 – Dissolved-Phase MTBE Concentration Map, March 25, 2005, from Quarterly Monitoring Report, January through March 2005, dated April 17, 2005 by TRC.

cc: Shelby Lathrop, ConocoPhillips (electronic upload)

TRC

Customer-Focused Solutions

April 17, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 4625
3070 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2005

Dear Mrs. Lathrop:

Please find enclosed our Quarterly Monitoring Report for 76 Station 4625, located at 3070 Fruitvale Avenue, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

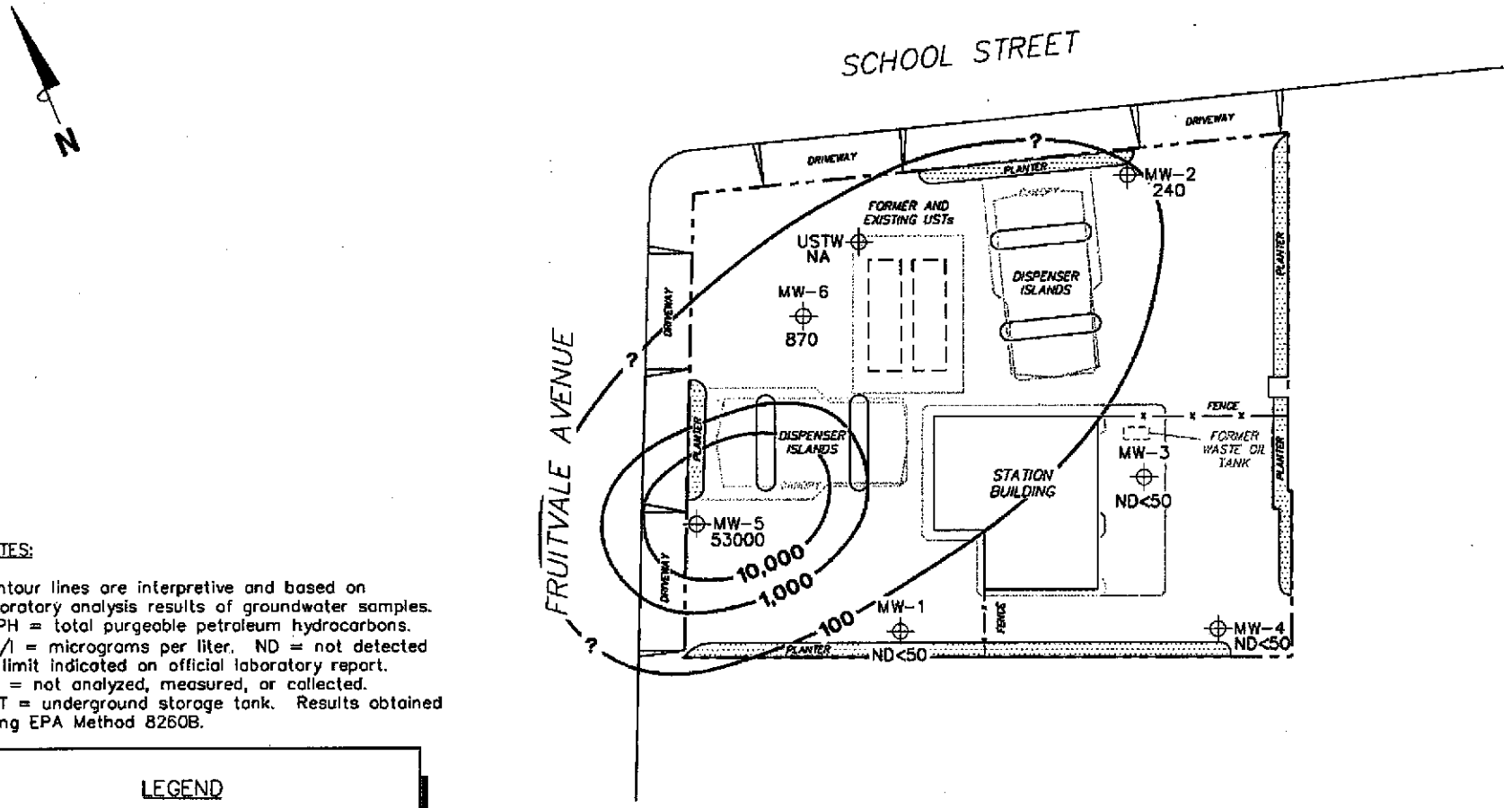
TRC

Anju Farfan
QMS Operations Manager

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

Enclosures
20-0400/4625R06.QMS

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



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

—10,000— Dissolved-Phase TPPH Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

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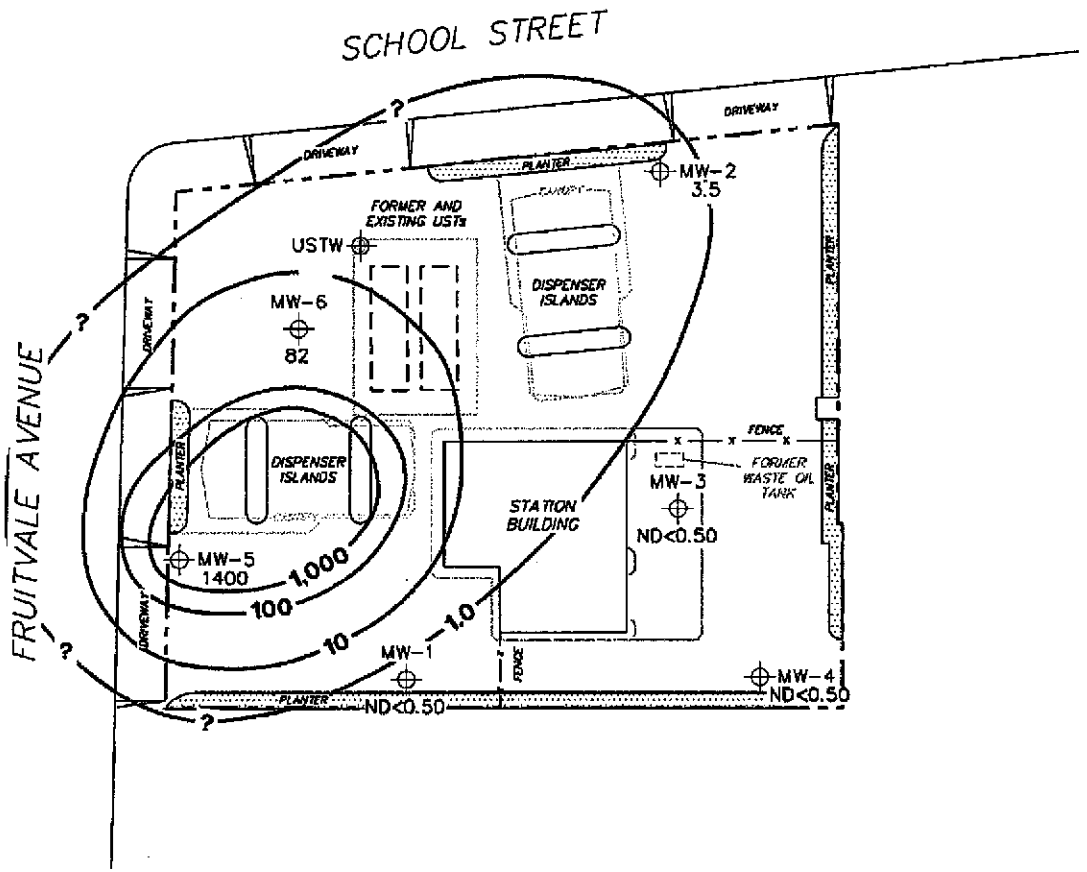

NOTES:

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

LEGEND

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

USTW ⊕ UST Observation Well

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

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

PS=1:1 4625-003

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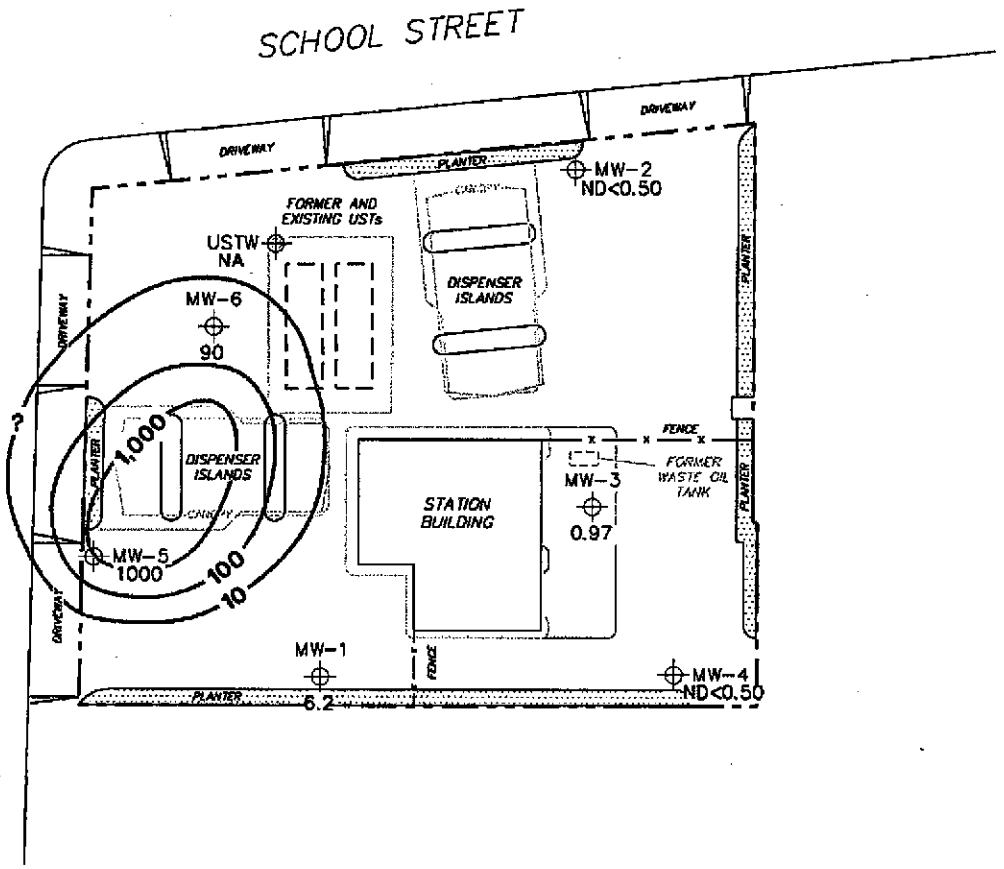

NOTES:

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

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

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

PS=1:1 4625-003

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TRC

Customer-Focused Solutions

QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 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
April 16, 2005

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

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
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
January 2005 through March 2005
76 Station 4625
3070 Fruitvale Avenue
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **03/25/05**

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: **4.4 feet** Maximum: **7.12 feet**
Average groundwater elevation (relative to available local datum): **132.64 feet**
Average change in groundwater elevation since previous event: **2.00 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.03 ft/ft, southwest**
Previous event: **0.02 ft/ft, west (11/18/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **1,400 µg/l (MW-5)**

Wells with **TPPH 8260B**	**3**	Maximum: **53,000 µg/l (MW-5)**
Wells with **MTBE**	**4**	Maximum: **1,000 µg/l (MW-5)**

Notes:

USTW=Monitor only,

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

TABLES

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

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

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 25, 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)**												
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	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
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	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
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	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
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	
MW-5		**(Screen Interval in feet: 5.0-25.0)**												
03/25/05	137.66	7.12	0.00	130.54	1.42	--	53000	1400	660	1600	6400	--	1000	
MW-6		**(Screen Interval in feet: 5.0-25.0)**												
03/25/05	138.88	5.83	0.00	133.05	1.85	--	870	82	13	15	73	--	90	
USTW		**(Screen Interval in feet: DNA)**												
03/25/05	--	5.01	0.00	--	--	--	--	--	--	--	--	--	--	Monitor only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through March 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	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	138.64	8.59	0.00	130.05	--	2400	--	53	ND	ND	240	ND	ND	
07/28/00	138.64	9.95	0.00	128.69	-1.36	2200	--	680	4.1	57	270	24	ND	
10/29/00	138.64	8.38	0.00	130.26	1.57	490	--	67	ND	23	22	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through March 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														
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	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	137.68	7.60	0.00	130.08	--	ND	--	ND	ND	ND	ND	ND	ND	
07/28/00	137.68	8.82	0.00	128.86	-1.22	ND	--	ND	ND	ND	ND	ND	ND	
10/29/00	137.68	7.33	0.00	130.35	1.49	ND	--	ND	ND	ND	ND	ND	--	
02/09/01	137.68	7.40	0.00	130.28	-0.07	ND	--	ND	ND	ND	ND	ND	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through March 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														
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	0.00	--	--	--	--	--	--	--	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	
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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through March 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														
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	
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	
MW-6	**(Screen Interval in feet: 5.0-25.0)**													

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through March 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														
11/26/02	--	9.19	0.00	--	--	--	11000	1200	2000	400	2300	--	490	
02/14/03	138.88	7.76	0.00	131.12	--	--	13000	2300	1900	560	2300	--	360	
05/03/03	138.88	6.62	0.00	132.26	1.14	--	4300	1000	640	260	990	--	300	
08/01/03	138.88	9.05	0.00	129.83	-2.43	--	16000	2600	2300	740	2900	--	660	
10/30/03	138.88	10.43	0.00	128.45	-1.38	--	2900	420	260	120	480	--	450	
01/29/04	138.88	7.81	0.00	131.07	2.62	--	400	58	21	14	65	--	62	
05/27/04	138.88	9.11	0.00	129.77	-1.30	--	580	58	14	20	69	--	410	
08/31/04	138.88	9.76	0.00	129.12	-0.65	--	660	77	7.0	19	65	--	360	
11/18/04	138.88	7.68	0.00	131.20	2.08	--	660	92	19	20	80	--	130	
03/25/05	138.88	5.83	0.00	133.05	1.85	--	870	82	13	15	73	--	90	
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	--	--	--	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 2000 Through March 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														
10/30/03	--	10.44	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
01/29/04	--	6.52	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
05/27/04	--	8.98	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
08/31/04	--	9.75	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
11/18/04	--	7.39	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only-UST well
03/25/05	--	5.01	0.00	--	--	--	--	--	--	--	--	--	--	Monitor only

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-1															
02/09/01	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--
05/11/01	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--
08/10/01	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
11/07/01	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	--	--	--
02/06/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/08/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
08/09/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
11/26/02	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/03/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
08/01/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
MW-3															
05/03/00	93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/28/00	ND	--	--	--	--	ND	--	--	--	--	--	2.7	--	--	--
10/29/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/09/01	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/11/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/10/01	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/01	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/06/02	ND<310	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/08/02	ND<53	--	--	--	--	--	--	--	--	--	--	0.56	0.69	--	--
08/09/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chlorobenzene (µg/l)	2-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															
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
MW-4															
02/14/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
MW-5															
11/26/02	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
05/03/03	--	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--
08/01/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--
03/25/05	--	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--
MW-6															
11/26/02	--	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--
02/14/03	--	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--

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-Chloroethyl 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-6 continued															
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	--	--	--	--	--	--	--	--	--

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

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-Tetrachloroethane (µg/l)	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-1															
02/09/01	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
05/11/01	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
08/10/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/07/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<1.0	--	--
02/06/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/08/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/09/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.5	--	--
11/18/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
MW-3															
07/28/00	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--
11/07/01	--	--	--	--	--	0.55	--	--	--	--	--	--	--	--	--
05/08/02	--	--	--	--	--	0.86	--	--	--	--	--	--	--	--	--
10/30/03	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
01/29/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
05/27/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
08/31/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
11/18/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
03/25/05	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-4															

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-Tetrachloroethane (µg/l)	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-4 continued															
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	--	--
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	--	--

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-Tetrachloroethane (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

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

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

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-5															
11/26/02	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--	--	--	--	--	--	--
01/29/04	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<5.0	ND<50	ND<10	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
11/18/04	--	--	ND<10	140	ND<20	ND<10	--	--	--	--	--	--	--	--	--
03/25/05	--	--	ND<25	ND<250	ND<25	ND<25	--	--	--	--	--	--	--	--	--
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 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

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

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

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

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

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

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

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

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

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

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

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

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

Date Sampled	Phenol (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)
MW-3		
03/25/05	ND<2.0	ND<2.0

FIGURES

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

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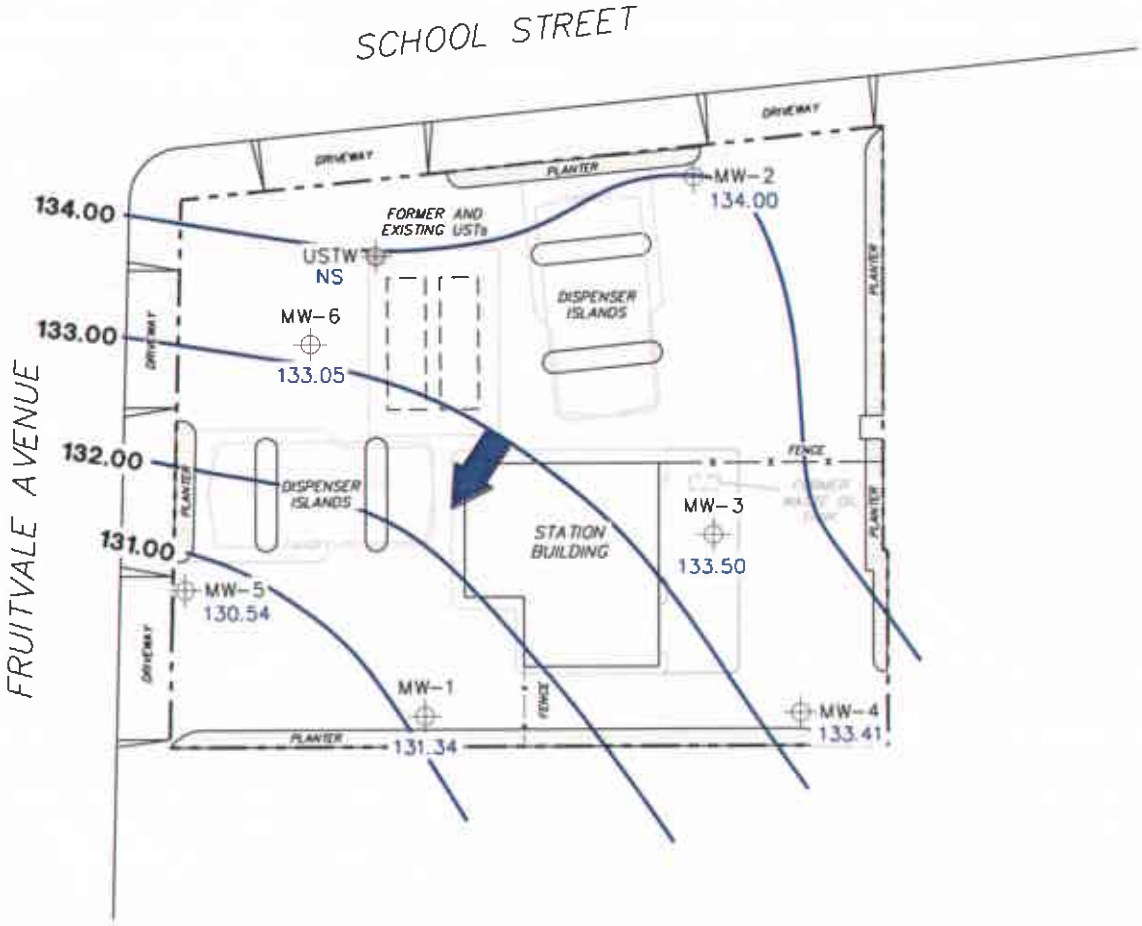

NOTES:

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

LEGEND

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

SCALE (FEET)

0 40

GROUNDWATER ELEVATION CONTOUR MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 2

TRC

PS=1:1 4625-003

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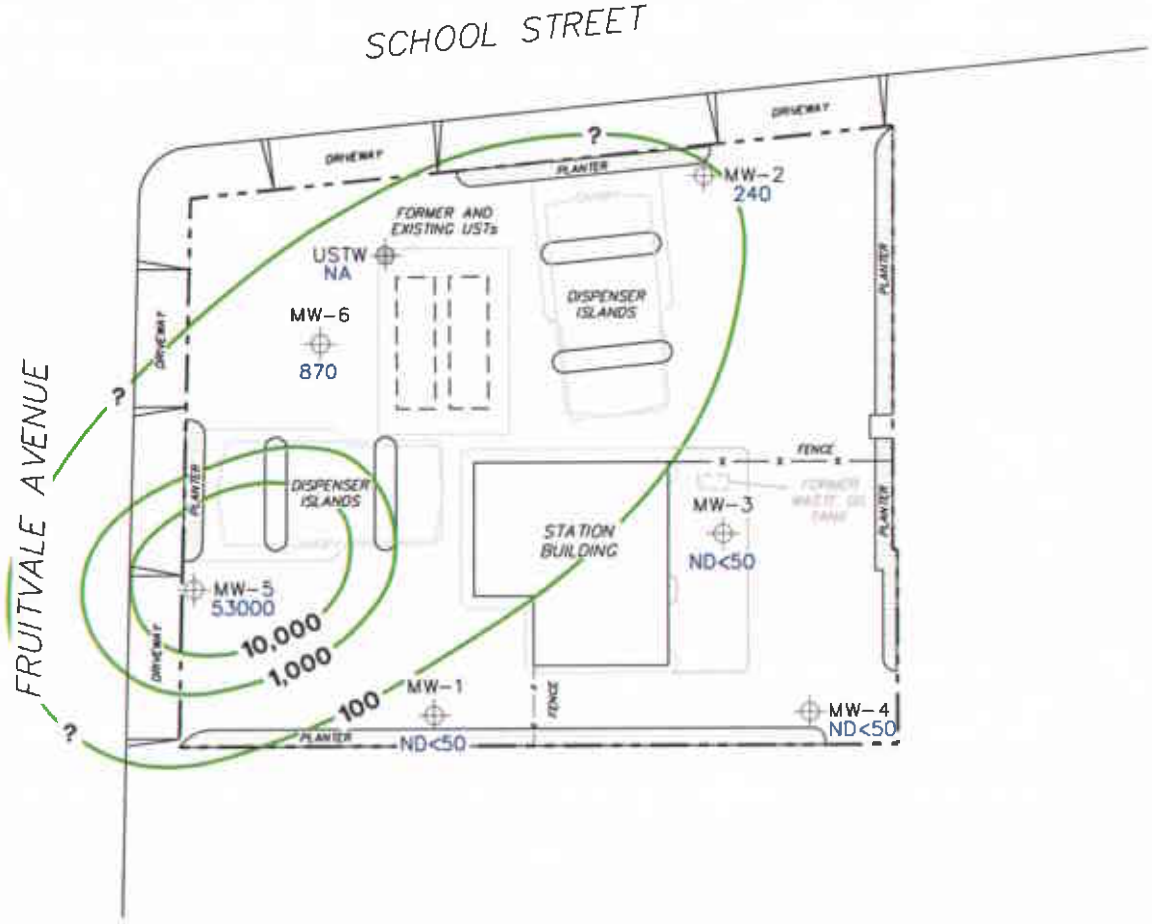

NOTES:

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

LEGEND

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

USTW ⊕ UST Observation Well

10,000 Dissolved-Phase TPPH Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

PS=1:1 4625-003

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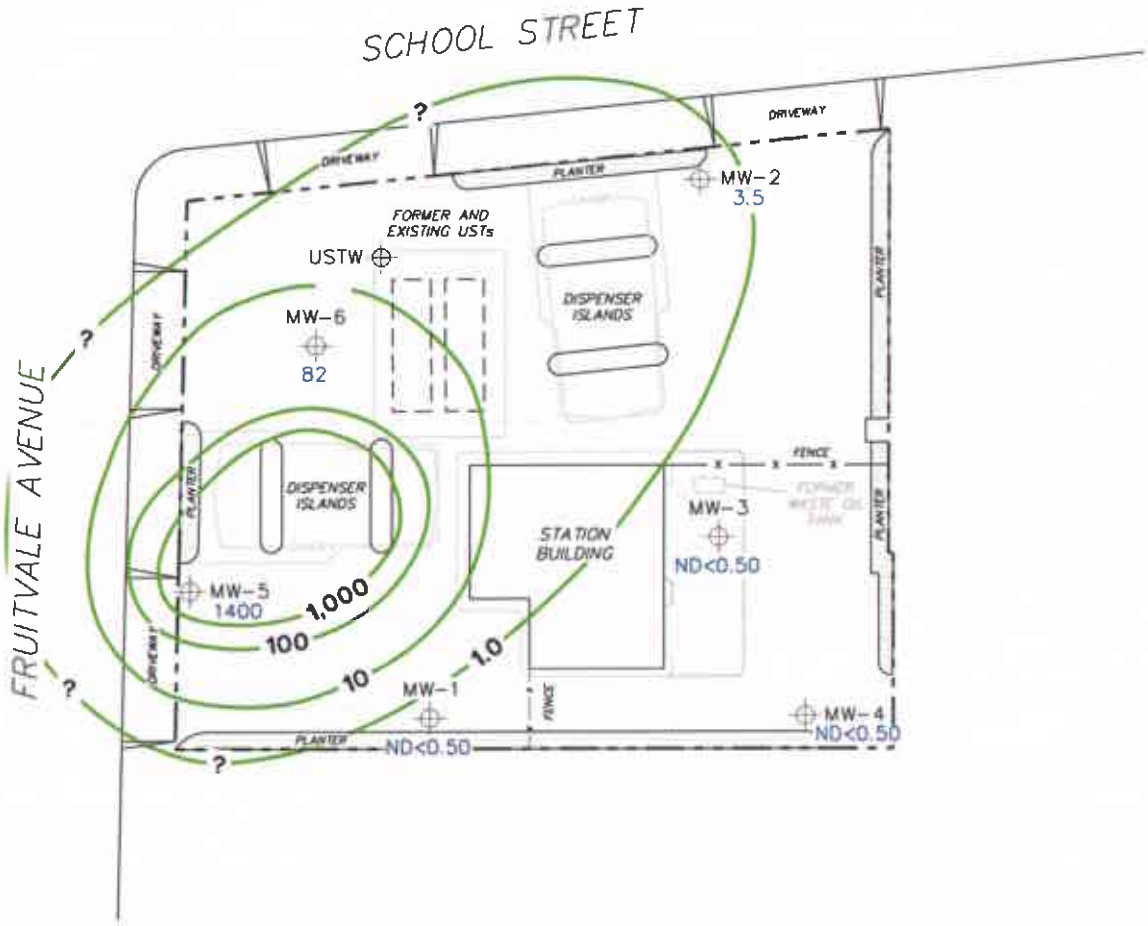


N

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

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

TRC

SCALE (FEET)

0 40

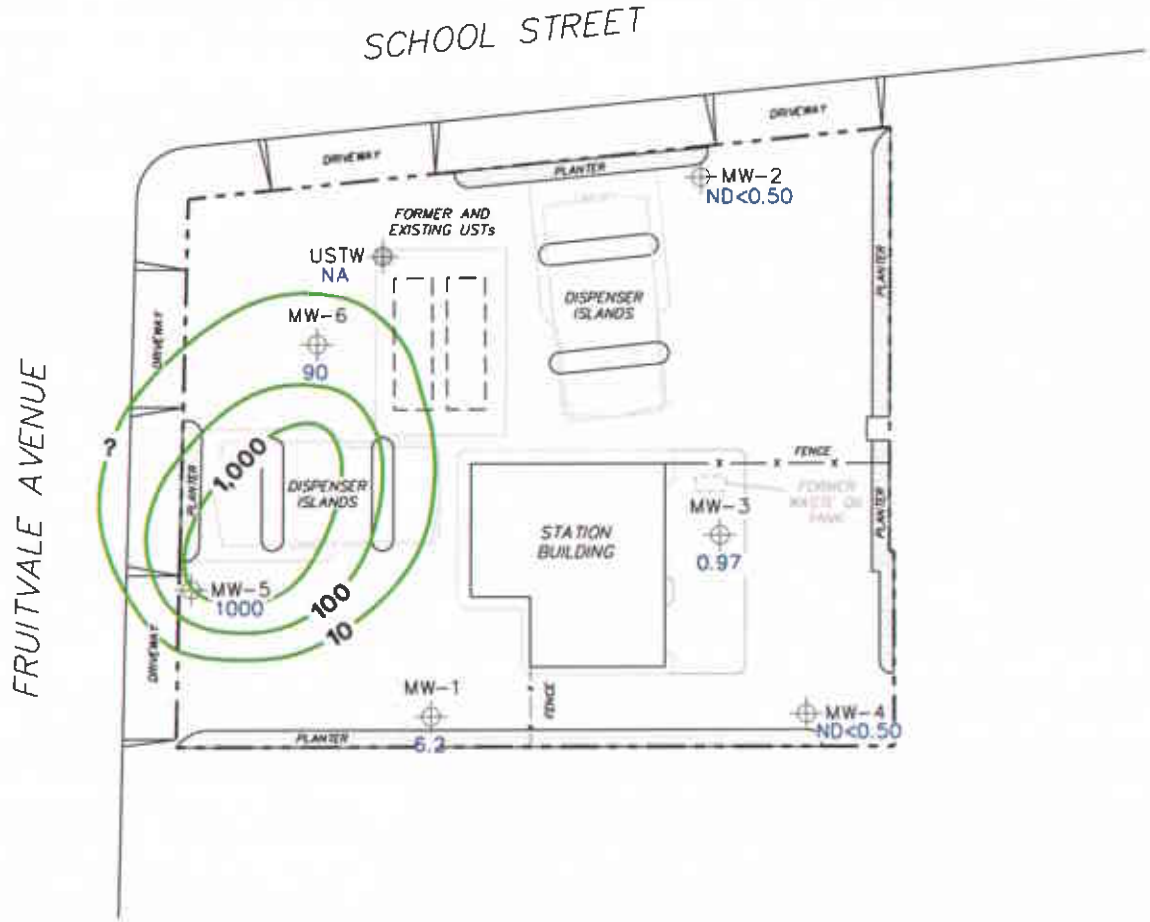
PS=1:1 4625-003

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Apr 16, 2005 - 11:42am bschmidt



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

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

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 25, 2005

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

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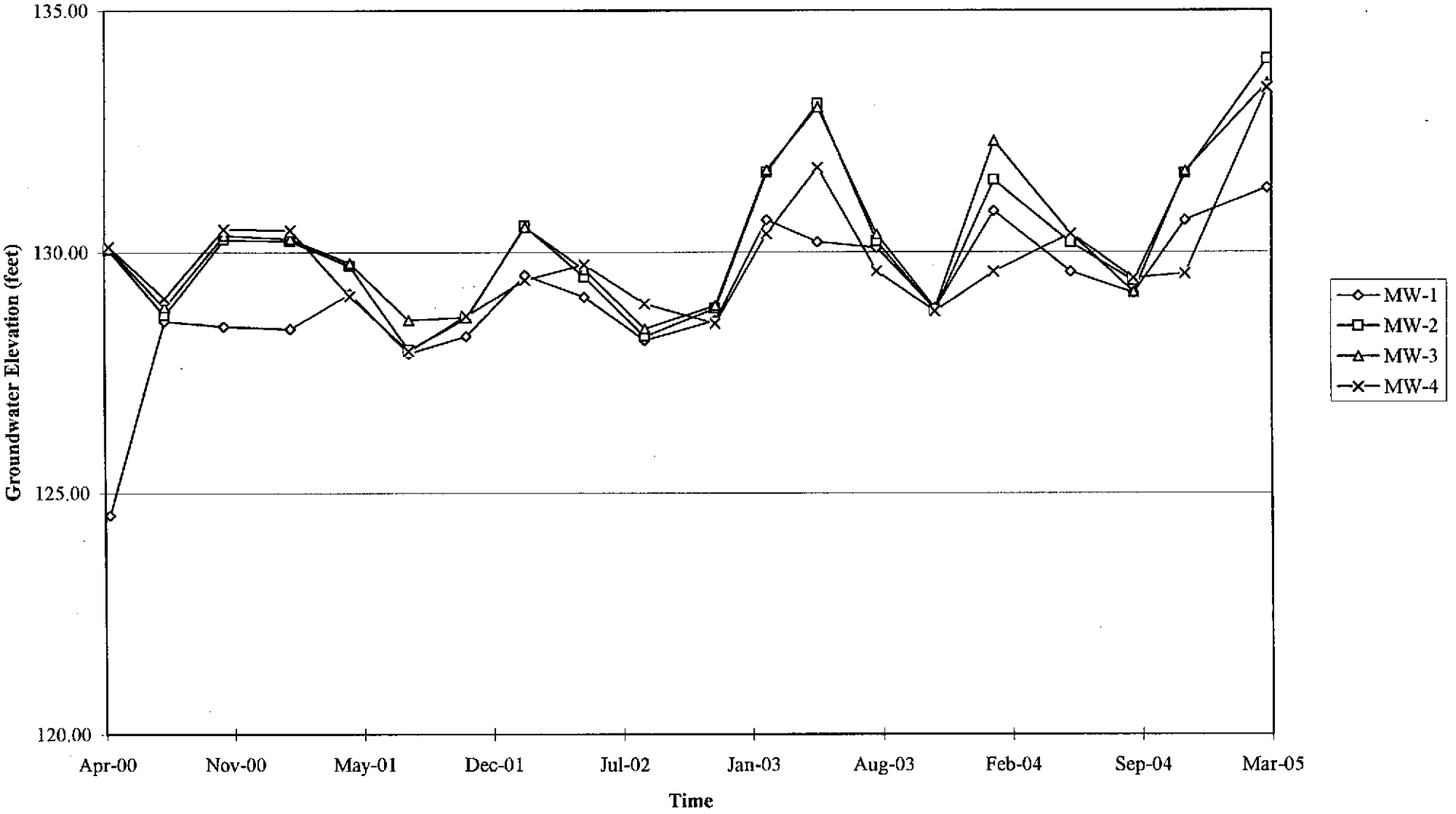
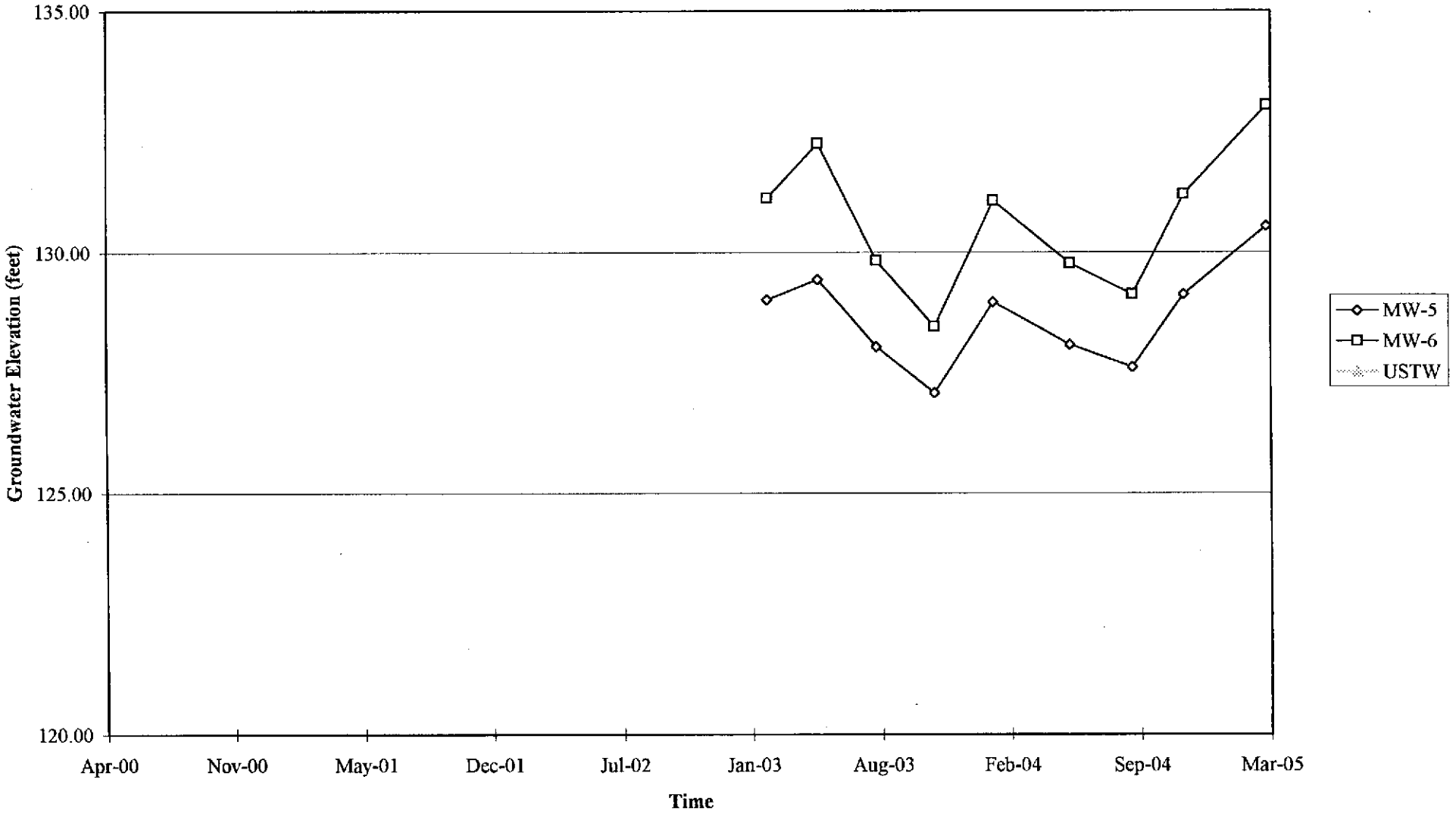
GRAPHS

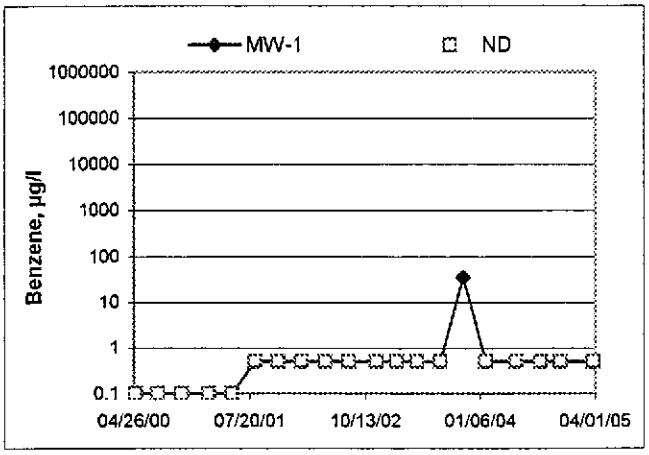
Groundwater Elevations vs. Time
76 Station 4625

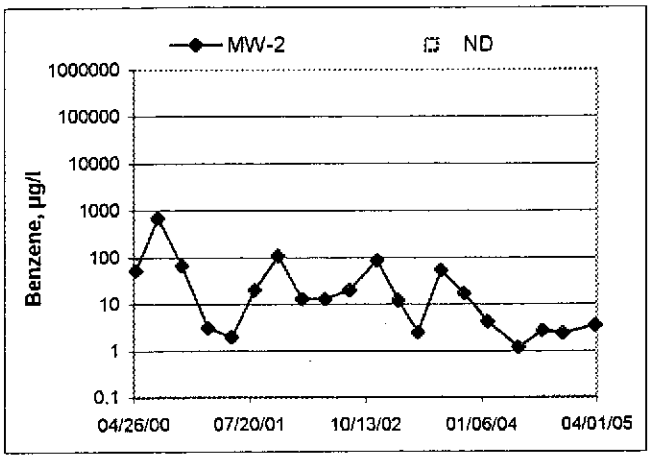


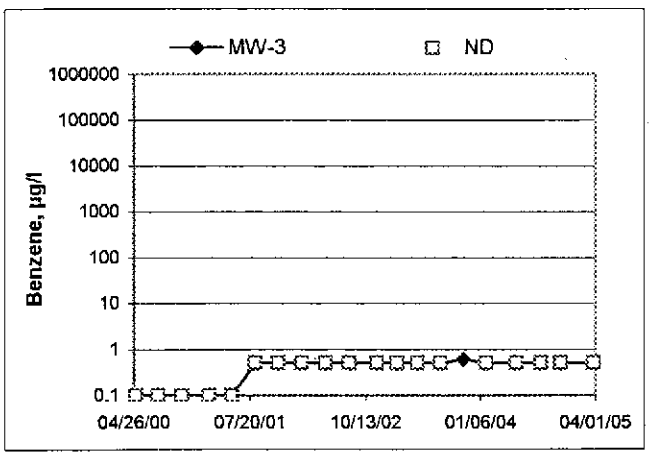
Groundwater Elevations vs. Time
76 Station 4625

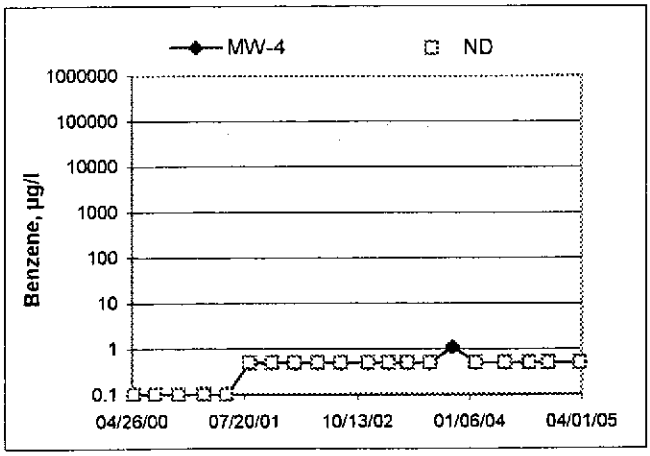


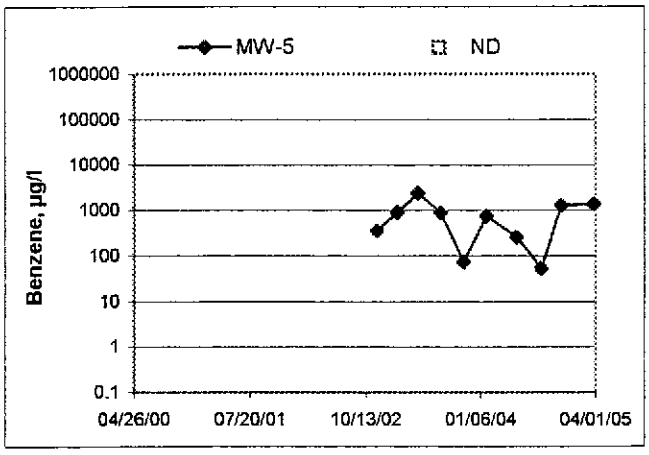
Benzene Concentrations vs Time
76 Station 4625

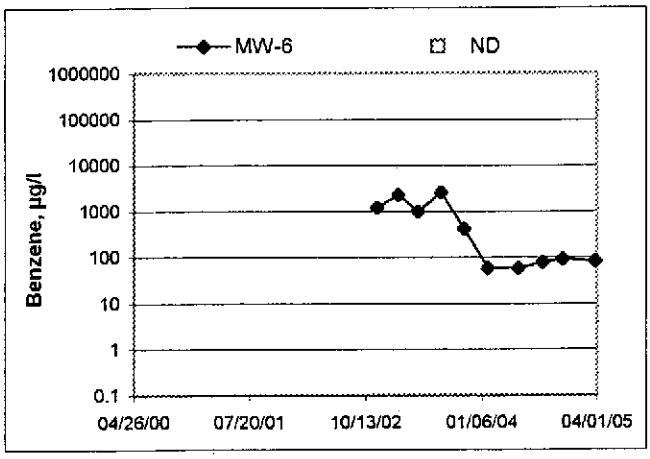












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric 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 measurement 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, and the samplers 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 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 well 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 well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: AMC Job #/Task #: 410501 / F020 Date: 032505

Site # 4625 Project Manager ROGER BATRA Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
LSTW	✓	0545	15.16	5.61			N/S	6" MONITOR WELL
MW-4	✓	0626	24.20	4.46			0738	2"
MW-3	✓	0630	24.30	5.39			0729	2"
MW-1	✓	0537	25.03	6.23			0846	2"
MW-2	✓	0551	24.93	5.85			0809	2"
MW-6	✓	0534	23.44	5.83			0823	2"
MW-5	✓	0535	24.36	7.12			0960	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: AEK

Site: 4625 Project No.: 4105001 Date: 032505

Well No.: MW-4 Purge Method: DB

Depth to Water (feet): 4.40 Depth to Product (feet): 0

Total Depth (feet): 24.20 LPH & Water Recovered (gallons): 0

Water Column (feet): 19.80 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.36 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.
0702			3	560	18.5	7.08		
			6	528	18.6	7.10		
	0705		9	532	20.1	7.13		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.29	9	0758

Comments:

Well No.: MW-3 Purge Method: DA

Depth to Water (feet): 5.39 Depth to Product (feet): 0

Total Depth (feet): 24.80 LPH & Water Recovered (gallons): 0

Water Column (feet): 19.41 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.27 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.
0712			3	193.5	22.2	7.22		
			6	189.7	22.5	6.78		
	0716		9	184.2	22.8	6.70		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.85	9	0729

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: AEY

Site: 4025 Project No.: 410300.01 Date: 032505

Well No.: MW-1 Purge Method: DIA

Depth to Water (feet): 6.23 Depth to Product (feet): 0

Total Depth (feet): 25.03 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.80 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.99 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.
0746			3	566	25.9	6.57		
			6	576	25.0	6.71		
	0751		9	558	25.5	6.89		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.95	9	0546

Comments:

Well No.: MW-2 Purge Method: DIA

Depth to Water (feet): 5.55 Depth to Product (feet): 0

Total Depth (feet): 24.93 LPH & Water Recovered (gallons): 0

Water Column (feet): 19.08 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.66 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.
0758			3	353	25.9	6.51		
			6	337	25.8	6.45		
	0802		9	314	25.5	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
6.10	9	0808

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: AEK

Site: 4625 Project No.: 405000.1 Date: 032505

Well No.: MW-5
Purge Method: DIA
Depth to Water (feet): 7.12
Depth to Product (feet): 0
Total Depth (feet): 24.36
LPH & Water Recovered (gallons): 0
Water Column (feet): 17.24
Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 10.56
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.
0830			3	583	21.9	6.69		
			6	595	21.7	6.71		
	0834		9	581	22.1	6.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.60	9	0900

Comments:

Well No.: MW-6
Purge Method: DIA
Depth to Water (feet): 5.83
Depth to Product (feet): 0
Total Depth (feet): 23.44
LPH & Water Recovered (gallons): 0
Water Column (feet): 17.61
Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 9.35
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.
0814			3	562	22.0	6.57		
			6	205	22.6	6.89		
	0818		9	441	22.2	6.79		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.02	9	0823

Comments:

SEVERN TRENT STL

Submission#: 2005-03-0927

TRC Alton Geoscience- Irvine

April 08, 2005

21 Technology Drive
Irvine, CA 92718
Attn.: Anju Farfan

Project#: 41050001/FA20
Project: Conoco Phillips #4625
Site: 3070 Fruitvale Ave., Oakland

Attached is our report for your samples received on 03/25/2005 17:23
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/09/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2005-03-0927

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	03/25/2005 07:29	Water	6

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	1664A	Test(s):	1664A
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	3/31/2005 12:21
Matrix:	Water	QC Batch#:	2005/03/31-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	2.0	mg/L	1.00	03/31/2005 20:00	

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 1664A — Test(s): 1664A

Method Blank — Water — **QC Batch # 2005/03/31-01.23**

MB: 2005/03/31-01.23-001 — Date Extracted: 03/31/2005 12:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	2	mg/L	04/01/2005 20:00	

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92715
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 1664A

Test(s): 1664A

Laboratory Control Spike **Water** **QC Batch # 2005/03/31-01.23**

LCS 2005/03/31-01.23-002 Extracted: 03/31/2005 Analyzed: 04/01/2005 20:00
LCSD 2005/03/31-01.23-003 Extracted: 03/31/2005 Analyzed: 04/01/2005 20:00

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Oil & Grease (total)	33.3	33.5	40.0	83.3	83.8	0.6	79-114	18		

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	03/25/2005 07:29	Water	6

Semi-volatile analysis by GC/MS - EPA8270C

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Attn.: Anju Farfan

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	3/31/2005 12:27
Matrix:	Water	QC Batch#:	2005/03/31-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2-Chlorophenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Benzyl alcohol	ND	5.0	ug/L	1.00	04/03/2005 20:35	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2-Methylphenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	04/03/2005 20:35	
4-Methylphenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Hexachloroethane	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Nitrobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Isophorone	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2-Nitrophenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	04/03/2005 20:35	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Naphthalene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
4-Chloroaniline	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	04/03/2005 20:35	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	04/03/2005 20:35	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2-Nitroaniline	ND	10	ug/L	1.00	04/03/2005 20:35	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	MW-3	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	3/31/2005 12:27
Matrix:	Water	QC Batch#:	2005/03/31-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Acenaphthylene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
3-Nitroaniline	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Acenaphthene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2,4-Dinitrophenol	ND	10	ug/L	1.00	04/03/2005 20:35	
4-Nitrophenol	ND	10	ug/L	1.00	04/03/2005 20:35	
Dibenzofuran	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Diethyl phthalate	ND	5.0	ug/L	1.00	04/03/2005 20:35	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Fluorene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
4-Nitroaniline	ND	10	ug/L	1.00	04/03/2005 20:35	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	04/03/2005 20:35	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	04/03/2005 20:35	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Hexachlorobenzene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Pentachlorophenol	ND	10	ug/L	1.00	04/03/2005 20:35	
Phenanthrene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Anthracene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Fluoranthene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Pyrene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	04/03/2005 20:35	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	04/03/2005 20:35	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	04/03/2005 20:35	
Chrysene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	04/03/2005 20:35	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	3/31/2005 12:27
Matrix:	Water	QC Batch#:	2005/03/31-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	04/03/2005 20:35	
Benzoic acid	ND	10	ug/L	1.00	04/03/2005 20:35	
Surrogate(s)						
Nitrobenzene-d5	63.7	35-114	%	1.00	04/03/2005 20:35	
2-Fluorobiphenyl	69.3	43-116	%	1.00	04/03/2005 20:35	
p-Terphenyl-d14	64.7	33-141	%	1.00	04/03/2005 20:35	
2-Fluorophenol	46.7	25-100	%	1.00	04/03/2005 20:35	
Phenol-d5	29.8	10-110	%	1.00	04/03/2005 20:35	
2,4,6-Tribromophenol	77.8	10-123	%	1.00	04/03/2005 20:35	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C
Method Blank — **Water** — **QC Batch # 2005/03/31-01.11**
MB: 2005/03/31-01.11-001 — Date Extracted: 03/31/2005 12:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	04/04/2005 12:49	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	04/04/2005 12:49	
2-Chlorophenol	ND	2.0	ug/L	04/04/2005 12:49	
1,3-Dichlorobenzene	ND	2.0	ug/L	04/04/2005 12:49	
1,4-Dichlorobenzene	ND	2.0	ug/L	04/04/2005 12:49	
Benzyl alcohol	ND	5.0	ug/L	04/04/2005 12:49	
1,2-Dichlorobenzene	ND	2.0	ug/L	04/04/2005 12:49	
2-Methylphenol	ND	2.0	ug/L	04/04/2005 12:49	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	04/04/2005 12:49	
4-Methylphenol	ND	2.0	ug/L	04/04/2005 12:49	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	04/04/2005 12:49	
Hexachloroethane	ND	2.0	ug/L	04/04/2005 12:49	
Nitrobenzene	ND	2.0	ug/L	04/04/2005 12:49	
Isophorone	ND	2.0	ug/L	04/04/2005 12:49	
2-Nitrophenol	ND	2.0	ug/L	04/04/2005 12:49	
2,4-Dimethylphenol	ND	2.0	ug/L	04/04/2005 12:49	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	04/04/2005 12:49	
2,4-Dichlorophenol	ND	2.0	ug/L	04/04/2005 12:49	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	04/04/2005 12:49	
Naphthalene	ND	2.0	ug/L	04/04/2005 12:49	
4-Chloroaniline	ND	2.0	ug/L	04/04/2005 12:49	
Hexachlorobutadiene	ND	2.0	ug/L	04/04/2005 12:49	
4-Chloro-3-methylphenol	ND	5.0	ug/L	04/04/2005 12:49	
2-Methylnaphthalene	ND	2.0	ug/L	04/04/2005 12:49	
Hexachlorocyclopentadiene	ND	5.0	ug/L	04/04/2005 12:49	
2,4,6-Trichlorophenol	ND	2.0	ug/L	04/04/2005 12:49	
2,4,5-Trichlorophenol	ND	2.0	ug/L	04/04/2005 12:49	
2-Chloronaphthalene	ND	2.0	ug/L	04/04/2005 12:49	
2-Nitroaniline	ND	10	ug/L	04/04/2005 12:49	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2005/03/31-01.11-001

Water

Test(s): 8270C
QC Batch # 2005/03/31-01.11
Date Extracted: 03/31/2005 12:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Dimethyl phthalate	ND	5.0	ug/L	04/04/2005 12:49	
Acenaphthylene	ND	2.0	ug/L	04/04/2005 12:49	
3-Nitroaniline	ND	2.0	ug/L	04/04/2005 12:49	
Acenaphthene	ND	2.0	ug/L	04/04/2005 12:49	
2,4-Dinitrophenol	ND	10	ug/L	04/04/2005 12:49	
4-Nitrophenol	ND	10	ug/L	04/04/2005 12:49	
Dibenzofuran	ND	2.0	ug/L	04/04/2005 12:49	
2,4-Dinitrotoluene	ND	2.0	ug/L	04/04/2005 12:49	
2,6-Dinitrotoluene	ND	5.0	ug/L	04/04/2005 12:49	
Diethyl phthalate	ND	5.0	ug/L	04/04/2005 12:49	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	04/04/2005 12:49	
Fluorene	ND	2.0	ug/L	04/04/2005 12:49	
4-Nitroaniline	ND	10	ug/L	04/04/2005 12:49	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	04/04/2005 12:49	
N-Nitrosodiphenylamine	ND	2.0	ug/L	04/04/2005 12:49	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	04/04/2005 12:49	
Hexachlorobenzene	ND	2.0	ug/L	04/04/2005 12:49	
Pentachlorophenol	ND	10	ug/L	04/04/2005 12:49	
Phenanthrene	ND	2.0	ug/L	04/04/2005 12:49	
Anthracene	ND	2.0	ug/L	04/04/2005 12:49	
Di-n-butyl phthalate	ND	5.0	ug/L	04/04/2005 12:49	
Fluoranthene	ND	2.0	ug/L	04/04/2005 12:49	
Pyrene	ND	2.0	ug/L	04/04/2005 12:49	
Butyl benzyl phthalate	ND	5.0	ug/L	04/04/2005 12:49	
3,3-Dichlorobenzidine	ND	5.0	ug/L	04/04/2005 12:49	
Benzo(a)anthracene	ND	2.0	ug/L	04/04/2005 12:49	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	04/04/2005 12:49	
Chrysene	ND	2.0	ug/L	04/04/2005 12:49	
Di-n-octyl phthalate	ND	5.0	ug/L	04/04/2005 12:49	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C

Method Blank — **Water** — **QC Batch # 2005/03/31-01.11**

MB: 2005/03/31-01.11-001 — Date Extracted: 03/31/2005 12:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.0	ug/L	04/04/2005 12:49	
Benzo(k)fluoranthene	ND	2.0	ug/L	04/04/2005 12:49	
Benzo(a)pyrene	ND	2.0	ug/L	04/04/2005 12:49	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	04/04/2005 12:49	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	04/04/2005 12:49	
Benzo(g,h,i)perylene	ND	2.0	ug/L	04/04/2005 12:49	
Benzoic acid	ND	10	ug/L	04/04/2005 12:49	
Surrogates(s)					
Nitrobenzene-d5	60.1	35-114	%	04/04/2005 12:49	
2-Fluorobiphenyl	66.1	43-116	%	04/04/2005 12:49	
p-Terphenyl-d14	67.6	33-141	%	04/04/2005 12:49	
2-Fluorophenol	44.7	25-100	%	04/04/2005 12:49	
Phenol-d5	30.0	10-110	%	04/04/2005 12:49	
2,4,6-Tribromophenol	73.0	10-123	%	04/04/2005 12:49	

Semi-volatile analysis by GC/MS - EPA8270C

TRC Alton Geoscience- Irvine

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Laboratory Control Spike | **Water** | **QC Batch # 2005/03/31-01.11**

LCS 2005/03/31-01.11-002 Extracted: 03/31/2005 Analyzed: 04/03/2005 19:39

LCSD 2005/03/31-01.11-003 Extracted: 03/31/2005 Analyzed: 04/03/2005 20:07

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	18.8	18.8	60.0	31.3	31.3	0.0	12-89	35		
2-Chlorophenol	39.6	40.5	60.0	66.0	67.5	2.2	23-134	25		
1,4-Dichlorobenzene	18.8	19.2	30.0	62.7	64.0	2.1	36-97	30		
N-Nitroso-di-n-propylamine	21.4	21.6	30.0	71.3	72.0	1.0	10-130	34		
1,2,4-Trichlorobenzene	19.2	19.7	30.0	64.0	65.7	2.6	44-142	35		
4-Chloro-3-methylphenol	41.8	44.1	60.0	69.7	73.5	5.3	22-147	31		
Acenaphthene	22.3	22.9	30.0	74.3	76.3	2.7	56-118	36		
4-Nitrophenol	21.7	22.5	60.0	36.2	37.5	3.5	1-132	35		
2,4-Dinitrotoluene	22.2	22.0	30.0	74.0	73.3	1.0	39-139	35		
Pentachlorophenol	39.7	40.5	60.0	66.2	67.5	1.9	45-125	35		
Pyrene	17.3	17.6	30.0	57.7	58.7	1.7	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	17.5	17.6	25	70.0	70.4		35-114			
2-Fluorobiphenyl	17.8	18.3	25	71.2	73.2		43-116			
p-Terphenyl-d14	16.5	16.6	25	66.0	66.4		33-141			
2-Fluorophenol	24.2	24.0	50	48.4	48.0		25-100			
Phenol-d5	16.7	16.9	50	33.4	33.8		10-110			
2,4,6-Tribromophenol	39.2	39.9	50	78.4	79.8		10-123			

SEVERN TRENT STL

Submission: 2005-03-0927

Metals

TRC Alton Geoscience- Irvine
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	03/25/2005 07:29	Water	6

Metals

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	3010A	Test(s):	6010B
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/4/2005 15:28
Matrix:	Water	QC Batch#:	2005/04/04-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chromium	ND	0.0050	mg/L	1.00	04/06/2005 16:57	

Metals

TRC Alton Geoscience- Irvine
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3010A — Test(s): 6010B

Method Blank — **Water** — **QC Batch # 2005/04/04-05.15**

MB: 2005/04/04-05.15-025 — Date Extracted: 04/04/2005 15:28

Compound	Conc.	RL	Unit	Analyzed	Flag
Chromium	ND	0.0050	mg/L	04/06/2005 16:41	

Metals

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2005/04/04-05.15**

LCS 2005/04/04-05.15-026 Extracted: 04/04/2005 Analyzed: 04/06/2005 16:44
LCSD 2005/04/04-05.15-027 Extracted: 04/04/2005 Analyzed: 04/06/2005 16:47

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chromium	0.508	0.520	0.500	101.6	104.0	2.3	80-120	20		

SEVERN TRENT STL

Submission: 2005-03-0927

Diesel (C9-C24)

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Irvine, CA 92718
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	03/25/2005 07:29	Water	6

Diesel (C9-C24)

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/4/2005 11:06
Matrix:	Water	QC Batch#:	2005/04/04-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/05/2005 21:03	
Surrogate(s)						
o-Terphenyl	111.4	64-127	%	1.00	04/05/2005 21:03	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3511 Test(s): 8015M

Method Blank **Water** **QC Batch # 2005/04/04-03.10**

MB: 2005/04/04-03.10-001 Date Extracted: 04/04/2005 11:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/05/2005 16:58	
Surrogates(s)					
o-Terphenyl	105.7	64-127	%	04/05/2005 16:58	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Laboratory Control Spike | **Water** | **QC Batch # 2005/04/04-03.10**

LCS 2005/04/04-03.10-002 Extracted: 04/04/2005 Analyzed: 04/05/2005 17:26
LCSD 2005/04/04-03.10-003 Extracted: 04/04/2005 Analyzed: 04/05/2005 17:23

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	585	596	680	86.0	87.6	1.8	60-150	25		
Surrogates(s)										
o-Terphenyl	1.28	1.29	1.25	102.4	103.5		64-127	0		

SEVERN TRENT STL

Submission: 2005-03-0927

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	03/25/2005 07:29	Water	6

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/8/2005 14:23
Matrix:	Water	QC Batch#:	2005/04/08-1A.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	04/08/2005 14:23	
Acetone	ND	50	ug/L	1.00	04/08/2005 14:23	
Benzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Bromobenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Bromochloromethane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Bromoform	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Bromomethane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
2-Butanone(MEK)	ND	50	ug/L	1.00	04/08/2005 14:23	
n-Butylbenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
sec-Butylbenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
tert-Butylbenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Carbon disulfide	ND	5.0	ug/L	1.00	04/08/2005 14:23	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Chlorobenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Chloroethane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Chloroform	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Chloromethane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
2-Chlorotoluene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
4-Chlorotoluene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/8/2005 14:23
Matrix:	Water	QC Batch#:	2005/04/08-1A.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
2-Hexanone	ND	50	ug/L	1.00	04/08/2005 14:23	
Isopropylbenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Methylene chloride	ND	5.0	ug/L	1.00	04/08/2005 14:23	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	04/08/2005 14:23	
Naphthalene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
n-Propylbenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Styrene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Toluene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	04/08/2005 14:23	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Trichloroethene	ND	0.50	ug/L	1.00	04/08/2005 14:23	

Volatile Organic Compounds by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/8/2005 14:23
Matrix:	Water	QC Batch#:	2005/04/08-1A.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Vinyl acetate	ND	25	ug/L	1.00	04/08/2005 14:23	
Vinyl chloride	ND	0.50	ug/L	1.00	04/08/2005 14:23	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2005 14:23	
Surrogate(s)						
4-Bromofluorobenzene	101.7	79-118	%	1.00	04/08/2005 14:23	
1,2-Dichloroethane-d4	108.4	78-117	%	1.00	04/08/2005 14:23	
Toluene-d8	94.4	77-121	%	1.00	04/08/2005 14:23	

Volatile Organic Compounds by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/08-1A.71**

MB: 2005/04/08-1A.71-034 — Date Extracted: 04/08/2005 09:34

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	04/08/2005 09:34	
Acetone	ND	50	ug/L	04/08/2005 09:34	
Benzene	ND	0.5	ug/L	04/08/2005 09:34	
Bromodichloromethane	ND	0.5	ug/L	04/08/2005 09:34	
Bromobenzene	ND	1.0	ug/L	04/08/2005 09:34	
Bromochloromethane	ND	1.0	ug/L	04/08/2005 09:34	
Bromoform	ND	0.5	ug/L	04/08/2005 09:34	
Bromomethane	ND	1.0	ug/L	04/08/2005 09:34	
2-Butanone(MEK)	ND	50	ug/L	04/08/2005 09:34	
n-Butylbenzene	ND	1.0	ug/L	04/08/2005 09:34	
sec-Butylbenzene	ND	1.0	ug/L	04/08/2005 09:34	
tert-Butylbenzene	ND	1.0	ug/L	04/08/2005 09:34	
Carbon disulfide	ND	5.0	ug/L	04/08/2005 09:34	
Carbon tetrachloride	ND	0.5	ug/L	04/08/2005 09:34	
Chlorobenzene	ND	0.5	ug/L	04/08/2005 09:34	
Chloroethane	ND	1.0	ug/L	04/08/2005 09:34	
Chloroform	ND	1.0	ug/L	04/08/2005 09:34	
Chloromethane	ND	1.0	ug/L	04/08/2005 09:34	
2-Chlorotoluene	ND	0.5	ug/L	04/08/2005 09:34	
4-Chlorotoluene	ND	0.5	ug/L	04/08/2005 09:34	
Dibromochloromethane	ND	0.5	ug/L	04/08/2005 09:34	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/08/2005 09:34	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/08/2005 09:34	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/08/2005 09:34	
1,3-Dichloropropane	ND	1.0	ug/L	04/08/2005 09:34	
2,2-Dichloropropane	ND	0.5	ug/L	04/08/2005 09:34	
1,1-Dichloropropene	ND	0.5	ug/L	04/08/2005 09:34	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/08/2005 09:34	
1,2-Dibromoethane	ND	0.5	ug/L	04/08/2005 09:34	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/08-1A.71**

MB: 2005/04/08-1A.71-034 — Date Extracted: 04/08/2005 09:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	04/08/2005 09:34	
Dichlorodifluoromethane	ND	0.5	ug/L	04/08/2005 09:34	
1,1-Dichloroethane	ND	0.5	ug/L	04/08/2005 09:34	
1,2-Dichloroethane	ND	0.5	ug/L	04/08/2005 09:34	
1,1-Dichloroethene	ND	0.5	ug/L	04/08/2005 09:34	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/08/2005 09:34	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/08/2005 09:34	
1,2-Dichloropropane	ND	0.5	ug/L	04/08/2005 09:34	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/08/2005 09:34	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/08/2005 09:34	
Ethylbenzene	ND	0.5	ug/L	04/08/2005 09:34	
Hexachlorobutadiene	ND	1.0	ug/L	04/08/2005 09:34	
2-Hexanone	ND	50	ug/L	04/08/2005 09:34	
Isopropylbenzene	ND	0.5	ug/L	04/08/2005 09:34	
p-Isopropyltoluene	ND	1.0	ug/L	04/08/2005 09:34	
Methylene chloride	ND	5.0	ug/L	04/08/2005 09:34	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	04/08/2005 09:34	
Naphthalene	ND	1.0	ug/L	04/08/2005 09:34	
n-Propylbenzene	ND	1.0	ug/L	04/08/2005 09:34	
Styrene	ND	0.5	ug/L	04/08/2005 09:34	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	04/08/2005 09:34	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/08/2005 09:34	
Tetrachloroethene	ND	0.5	ug/L	04/08/2005 09:34	
Toluene	ND	0.5	ug/L	04/08/2005 09:34	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/08/2005 09:34	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/08/2005 09:34	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/08/2005 09:34	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/08/2005 09:34	
Trichloroethene	ND	0.5	ug/L	04/08/2005 09:34	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — **Water** — **QC Batch # 2005/04/08-1A.71**
MB: 2005/04/08-1A.71-034 — Date Extracted: 04/08/2005 09:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	04/08/2005 09:34	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/08/2005 09:34	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	04/08/2005 09:34	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	04/08/2005 09:34	
Vinyl acetate	ND	25	ug/L	04/08/2005 09:34	
Vinyl chloride	ND	0.5	ug/L	04/08/2005 09:34	
Total xylenes	ND	1.0	ug/L	04/08/2005 09:34	
Surrogates(s)					
4-Bromofluorobenzene	102.9	79-118	%	04/08/2005 09:34	
1,2-Dichloroethane-d4	106.1	78-117	%	04/08/2005 09:34	
Toluene-d8	94.3	77-121	%	04/08/2005 09:34	

Volatile Organic Compounds by 8260B

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Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/04/08-1A.71**

LCS 2005/04/08-1A.71-000 | Extracted: 04/08/2005 | Analyzed: 04/08/2005 09:00
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	18.7		20	93.5			81-119	20		
Chlorobenzene	17.9		20	89.5			82-118	20		
1,1-Dichloroethene	19.3		20	96.5			70-130	20		
Toluene	17.4		20	87.0			76-124	20		
Trichloroethene	18.2		20	91.0			79-121	20		
Surrogates(s)										
4-Bromofluorobenzene	519		500	103.8			79-118			
1,2-Dichloroethane-d4	546		500	109.2			78-117			
Toluene-d8	465		500	93.0			77-121			

Volatile Organic Compounds by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/04/08-1A.71**

MS/MSD Lab ID: 2005-03-0948 - 001

MS: 2005/04/08-1A.71-009 Extracted: 04/08/2005 Analyzed: 04/08/2005 12:09
Dilution: 4.00

MSD: 2005/04/08-1A.71-043 Extracted: 04/08/2005 Analyzed: 04/08/2005 12:43
Dilution: 4.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	71.7	71.9	ND	80	89.6	89.9	0.3	81-119	20		
Chlorobenzene	72.2	72.5	ND	80	90.3	90.6	0.3	82-118	20		
1,1-Dichloroethene	72.8	75.6	ND	80	91.0	94.5	3.8	70-130	20		
Toluene	67.6	70.0	ND	80	84.5	87.5	3.5	76-124	20		
Trichloroethene	266	257	195	80	88.8	77.5	13.6	79-121	20		
Surrogate(s)											
4-Bromofluorobenzene	543	517		500	108.6	103.4		79-118			
1,2-Dichloroethane-d4	517	535		500	103.4	107.0		78-117			
Toluene-d8	472	467		500	94.4	93.4		77-121			

SEVERN TRENT STL

Submission: 2005-03-0927

Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	03/25/2005 08:46	Water	1
MW-2	03/25/2005 08:08	Water	2
MW-4	03/25/2005 07:38	Water	3
MW-5	03/25/2005 09:00	Water	4
MW-6	03/25/2005 08:23	Water	5
MW-3	03/25/2005 07:29	Water	6

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2005-03-0927 - 1
Sampled:	03/25/2005 08:46	Extracted:	4/6/2005 11:25
Matrix:	Water	QC Batch#:	2005/04/06-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/06/2005 11:25	
Benzene	ND	0.50	ug/L	1.00	04/06/2005 11:25	
Toluene	ND	0.50	ug/L	1.00	04/06/2005 11:25	
Ethylbenzene	ND	0.50	ug/L	1.00	04/06/2005 11:25	
Total xylenes	ND	1.0	ug/L	1.00	04/06/2005 11:25	
Methyl tert-butyl ether (MTBE)	6.2	0.50	ug/L	1.00	04/06/2005 11:25	
Ethanol	ND	50	ug/L	1.00	04/06/2005 11:25	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	73-130	%	1.00	04/06/2005 11:25	
Toluene-d8	93.4	81-114	%	1.00	04/06/2005 11:25	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-2**	Lab ID:	2005-03-0927 - 2
Sampled:	03/25/2005 08:08	Extracted:	4/6/2005 12:33
Matrix:	Water	QC Batch#:	2005/04/06-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	240	50	ug/L	1.00	04/06/2005 12:33	
Benzene	3.5	0.50	ug/L	1.00	04/06/2005 12:33	
Toluene	ND	0.50	ug/L	1.00	04/06/2005 12:33	
Ethylbenzene	4.4	0.50	ug/L	1.00	04/06/2005 12:33	
Total xylenes	6.5	1.0	ug/L	1.00	04/06/2005 12:33	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/06/2005 12:33	
Ethanol	ND	50	ug/L	1.00	04/06/2005 12:33	
Surrogate(s)						
1,2-Dichloroethane-d4	102.9	73-130	%	1.00	04/06/2005 12:33	
Toluene-d8	100.3	81-114	%	1.00	04/06/2005 12:33	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-4**	Lab ID:	2005-03-0927 - 3
Sampled:	03/25/2005 07:38	Extracted:	4/6/2005 12:55
Matrix:	Water	QC Batch#:	2005/04/06-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/06/2005 12:55	Q6
Benzene	ND	0.50	ug/L	1.00	04/06/2005 12:55	
Toluene	ND	0.50	ug/L	1.00	04/06/2005 12:55	
Ethylbenzene	ND	0.50	ug/L	1.00	04/06/2005 12:55	
Total xylenes	ND	1.0	ug/L	1.00	04/06/2005 12:55	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/06/2005 12:55	
Ethanol	ND	50	ug/L	1.00	04/06/2005 12:55	
Surrogate(s)						
1,2-Dichloroethane-d4	101.2	73-130	%	1.00	04/06/2005 12:55	
Toluene-d8	91.6	81-114	%	1.00	04/06/2005 12:55	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2005-03-0927 - 4
Sampled:	03/25/2005 09:00	Extracted:	4/7/2005 23:16
Matrix:	Water	QC Batch#:	2005/04/07-2A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	53000	2500	ug/L	50.00	04/07/2005 23:16	
Benzene	1400	25	ug/L	50.00	04/07/2005 23:16	
Toluene	660	25	ug/L	50.00	04/07/2005 23:16	
Ethylbenzene	1600	25	ug/L	50.00	04/07/2005 23:16	
Total xylenes	6400	50	ug/L	50.00	04/07/2005 23:16	
tert-Butyl alcohol (TBA)	ND	250	ug/L	50.00	04/07/2005 23:16	
Methyl tert-butyl ether (MTBE)	1000	25	ug/L	50.00	04/07/2005 23:16	
Di-isopropyl Ether (DIPE)	ND	25	ug/L	50.00	04/07/2005 23:16	
Ethyl tert-butyl ether (ETBE)	ND	25	ug/L	50.00	04/07/2005 23:16	
tert-Amyl methyl ether (TAME)	ND	25	ug/L	50.00	04/07/2005 23:16	
1,2-DCA	ND	25	ug/L	50.00	04/07/2005 23:16	
EDB	ND	25	ug/L	50.00	04/07/2005 23:16	
Ethanol	ND	2500	ug/L	50.00	04/07/2005 23:16	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	73-130	%	50.00	04/07/2005 23:16	
Toluene-d8	93.2	81-114	%	50.00	04/07/2005 23:16	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-6**	Lab ID:	2005-03-0927 - 5
Sampled:	03/25/2005 08:23	Extracted:	4/7/2005 23:35
Matrix:	Water	QC Batch#:	2005/04/07-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	870	50	ug/L	1.00	04/07/2005 23:35	
Benzene	82	0.50	ug/L	1.00	04/07/2005 23:35	
Toluene	13	0.50	ug/L	1.00	04/07/2005 23:35	
Ethylbenzene	15	0.50	ug/L	1.00	04/07/2005 23:35	
Total xylenes	73	1.0	ug/L	1.00	04/07/2005 23:35	
tert-Butyl alcohol (TBA)	45	5.0	ug/L	1.00	04/07/2005 23:35	
Methyl tert-butyl ether (MTBE)	90	0.50	ug/L	1.00	04/07/2005 23:35	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	04/07/2005 23:35	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/07/2005 23:35	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/07/2005 23:35	
1,2-DCA	ND	0.50	ug/L	1.00	04/07/2005 23:35	
EDB	ND	0.50	ug/L	1.00	04/07/2005 23:35	
Ethanol	ND	50	ug/L	1.00	04/07/2005 23:35	
Surrogate(s)						
1,2-Dichloroethane-d4	98.8	73-130	%	1.00	04/07/2005 23:35	
Toluene-d8	90.7	81-114	%	1.00	04/07/2005 23:35	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-03-0927 - 6
Sampled:	03/25/2005 07:29	Extracted:	4/6/2005 14:03
Matrix:	Water	QC Batch#:	2005/04/06-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/06/2005 14:03	
Benzene	ND	0.50	ug/L	1.00	04/06/2005 14:03	
Toluene	ND	0.50	ug/L	1.00	04/06/2005 14:03	
Ethylbenzene	ND	0.50	ug/L	1.00	04/06/2005 14:03	
Total xylenes	ND	1.0	ug/L	1.00	04/06/2005 14:03	
Methyl tert-butyl ether (MTBE)	0.97	0.50	ug/L	1.00	04/06/2005 14:03	
Ethanol	ND	50	ug/L	1.00	04/06/2005 14:03	
Surrogate(s)						
1,2-Dichloroethane-d4	105.6	73-130	%	1.00	04/06/2005 14:03	
Toluene-d8	96.4	81-114	%	1.00	04/06/2005 14:03	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — Water — **QC Batch # 2005/04/06-1A.64**
MB: 2005/04/06-1A.64-055 — Date Extracted: 04/06/2005 10:55

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/06/2005 10:55	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/06/2005 10:55	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/06/2005 10:55	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	04/06/2005 10:55	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	04/06/2005 10:55	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	04/06/2005 10:55	
1,2-DCA	ND	0.5	ug/L	04/06/2005 10:55	
EDB	ND	0.5	ug/L	04/06/2005 10:55	
Benzene	ND	0.5	ug/L	04/06/2005 10:55	
Toluene	ND	0.5	ug/L	04/06/2005 10:55	
Ethylbenzene	ND	0.5	ug/L	04/06/2005 10:55	
Total xylenes	ND	1.0	ug/L	04/06/2005 10:55	
Ethanol	ND	50	ug/L	04/06/2005 10:55	
Surrogates(s)					
1,2-Dichloroethane-d4	102.4	73-130	%	04/06/2005 10:55	
Toluene-d8	95.8	81-114	%	04/06/2005 10:55	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/04/07-2A.69**

MB: 2005/04/07-2A.69-048 — Date Extracted: 04/07/2005 18:48

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/07/2005 18:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/07/2005 18:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/07/2005 18:48	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	04/07/2005 18:48	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	04/07/2005 18:48	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	04/07/2005 18:48	
1,2-DCA	ND	0.5	ug/L	04/07/2005 18:48	
EDB	ND	0.5	ug/L	04/07/2005 18:48	
Benzene	ND	0.5	ug/L	04/07/2005 18:48	
Toluene	ND	0.5	ug/L	04/07/2005 18:48	
Ethylbenzene	ND	0.5	ug/L	04/07/2005 18:48	
Total xylenes	ND	1.0	ug/L	04/07/2005 18:48	
Ethanol	ND	50	ug/L	04/07/2005 18:48	
Surrogates(s)					
1,2-Dichloroethane-d4	96.4	73-130	%	04/07/2005 18:48	
Toluene-d8	94.8	81-114	%	04/07/2005 18:48	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/04/06-1A.64**

LCS 2005/04/06-1A.64-032
LCSD

Extracted: 04/06/2005

Analyzed: 04/06/2005 10:32

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.9		25	99.6			65-165	20		
Benzene	26.1		25	104.4			69-129	20		
Toluene	24.7		25	98.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	500		500	100.0			73-130			
Toluene-d8	486		500	97.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/04/07-2A.69**

LCS 2005/04/07-2A.69-029 Extracted: 04/07/2005 Analyzed: 04/07/2005 18:29

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.3		25	109.2			65-165	20		
Benzene	23.5		25	94.0			69-129	20		
Toluene	23.7		25	94.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473		500	94.6			73-130			
Toluene-d8	452		500	90.4			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/04/06-1A.64**

MW-1 >> MS

Lab ID: 2005-03-0927 - 001

MS: 2005/04/06-1A.64-056 Extracted: 04/06/2005

Analyzed: 04/06/2005 11:48

Dilution: 1.00

MSD: 2005/04/06-1A.64-057 Extracted: 04/06/2005

Analyzed: 04/06/2005 12:10

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	28.2	28.6	6.22	25	87.9	89.5	1.8	65-165	20		
Benzene	23.0	25.4	ND	25	92.0	101.6	9.9	69-129	20		
Toluene	21.0	23.1	ND	25	84.0	92.4	9.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	484	480		500	96.8	96.0		73-130			
Toluene-d8	508	491		500	101.6	98.2		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/04/07-2A.69**

MS/MSD

Lab ID: 2005-04-0002 - 006

MS: 2005/04/07-2A.69-043 Extracted: 04/07/2005 Analyzed: 04/07/2005 19:43
Dilution: 1.00

MSD: 2005/04/07-2A.69-002 Extracted: 04/07/2005 Analyzed: 04/07/2005 20:02
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	463	412	399	25	256.0	52.0	132.	65-165	20	M3	M3,R1
Benzene	26.0	21.4	0.595	25	101.6	83.2	19.9	69-129	20		
Toluene	26.0	21.5	ND	25	104.0	86.0	18.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	481	478		500	96.3	95.6		73-130			
Toluene-d8	460	470		500	91.9	94.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #4625

Received: 03/25/2005 17:23

Site: 3070 Fruitvale Ave., Oakland

Legend and Notes

Sample Comment

Lab ID: 2005-03-0927 -3

Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, concentration would be 57 ug/L.

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

M3

Sample > 4x spike concentration.

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

R1

Analyte RPD was out of QC limits.

STL

STL San Francisco

Sample Receipt Checklist

Submission #:2008- 03 - 0827

Checklist completed by: (initials) BT Date: 4/1/08

Courier name: ☒ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/cooler			Not Present ✓
Chain of custody present?	Yes ✓	No ___	
Chain of custody signed when relinquished and received?	Yes ✓	No ___	
Chain of custody agrees with sample labels?	Yes ✓	No ___	
Samples in proper container/bottle?	Yes ✓	No ___	
Sample containers intact?	Yes ✓	No ___	
Sufficient sample volume for indicated test?	Yes ✓	No ___	
All samples received within holding time?	Yes ✓	No ___	
Container/Temp Blank temperature in compliance (4° C ± 2)?	Temp: 2.3	Yes ✓	No ___

Potential reason for > 6°C - Ice melted ☐ Ice in bags ☐ Not enough ice ☐ Not enough blue ice ☐ Samples in boxes ☐

Sampled < 48hr. ago? ☐ Ice not required (e.g. air or bulk sample) ☐

Ice Present:	Yes ✓	No ___	
Water - VOA vials have zero headspace?	No VOA vials submitted ___	Yes ✓	No ___

(If bubble is present, refer to approximate bubble size and itemize in comments as S (small ~ O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? ☐ Yes ☐ No

☐ pH adjusted - Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc - Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____/____/04 Client contacted: ☐ Yes ☐ No

Summary of discussion:

Corrective Action (per PM/Client):

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Chain Of Custody Record

103846

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Attn: [illegible], 2911 South Harbor, Suite 250, [illegible]

2005-03-0927

ConocoPhillips Work Order Number: [illegible]

ConocoPhillips Cost Object: [illegible]

DATE: [illegible]

PAGE: 1 of 1

Consultant:	TRC
Address:	21 Technology Drive, Irvine CA 92618
Project Contact:	Anju Farfan
Telephone:	949-341-7440
Fax:	949-753-0111
E-mail:	afarfan@trcsolutions.com
Sampler:	[illegible]
Site Number:	[illegible]
Site Address:	3070 [illegible]
Global ID:	T0600102356
EDF deliverable to:	Peter Thomson, TRC; [illegible]@trcsolutions.com
Phone:	949-341-7400
Consultant Project Number:	[illegible]
Principal/Site Contact:	Thomas [illegible]

Turnaround time (calendar days): ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible]

SPECIAL INSTRUCTIONS OR NOTES:

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

Sample Identification/Field Point Name*	Date	Time	Matrix	No. of Cont.	Analyses marked	Field Notes
MW-1	[illegible]	[illegible]	[illegible]	[illegible]	X X X	[illegible]
MW-2	↓	[illegible]	↓	↓	X	↓
MW-4	↓	[illegible]	↓	↓	X	↓
MW-5	↓	[illegible]	↓	↓	X	↓
MW-6	↓	[illegible]	↓	↓	X	↓
MW-3	↓	[illegible]	↓	12	↓ ↓ X X X X X	[illegible]

Relinquished by (Signature): [signature] — Received by (Signature): [illegible] — Date: [illegible] — Time: [illegible]

Relinquished by (Signature): [signature] — Received by (Signature): [signature] — Date: 3/25/05 — Time: 10:45

Relinquished by (Signature): [signature] — Received by (Signature): [signature] — Date: 3-25-05 — Time: 1723

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, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter 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 Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.