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By lopprojectop at 10:18 am, Nov 07, 2005

October 28, 2005

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

Re: Report Transmittal
Quarterly Report
Third 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 contact

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

Fax: 916-558-7639

Sincerely,

Thomas Kosel

Risk Management & Remediation

Attachment

October 28, 2005

TRC Project No. 42014504

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

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

PREVIOUS ASSESSMENTS

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

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

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

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

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

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

QSR – Third Quarter 2005 76 Service Station #4625, Oakland, California October 28, 2005 Page 2

SENSITIVE RECEPTORS

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

MONITORING AND SAMPLING

Currently, seven wells are monitored and six wells are sampled quarterly. The groundwater flow is toward the west at a calculated hydraulic gradient of 0.02 feet per foot.

CHARACTERIZATION STATUS

The plume is not currently defined to the southwest and west. Total purgeable petroleum hydrocarbons (TPPH) were detected in three of the six wells sampled at a maximum concentration of 2,500 micrograms per liter (μ g/l) in MW-5. Benzene was detected in four of the six wells sampled at a maximum concentration of 81 μ g/l in MW-5. MTBE was detected in three of the six wells sampled at a maximum concentration of 180 μ g/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

July 20, 2005: The ACECHS denied the May 20, 2005 Work Plan for Additional Soil and Groundwater Investigation.

CURRENT QUARTER ACTIVITIES

September 26, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

CONCLUSIONS AND RECOMMENDATIONS

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells. Based on recent discussions with the ACHCS on October 19, 2005, TRC will submit a revised work plan for additional assessment that addresses comments from the ACHCS.



QSR – Third Quarter 2005 76 Service Station #4625, Oakland, California October 28, 2005 Page 3

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

Sincerely, *TRC*

Keith Woodburne, P.G. Senior Project Geologist

Attachments:

Quarterly Monitoring Report, July through September 2005 (TRC, October 26, 2005)

cc: Shelby Lathrop, ConocoPhillips (electronic upload)



October 26, 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 JULY THROUGH SEPTEMBER 2005

Dear Mrs. Lathrop:

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

Sincerely,

TRC

Anju Farfan

QMS Operations Manager

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures 20-0400/4625R09.QMS



QUARTERLY MONITORING REPORT JULY THROUGH SEPTEMBER 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 October 26, 2005

	LIST OF ATTACHMENTS
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key
	Table 1: Current Fluid Levels and Selected Analytical Results
	Table 2: Historic Fluid Levels and Selected Analytical Results
	Table 3: Additional Analytical Results
	Table 3b: Additional Analytical Results
	Table 3c: Additional Analytical Results
	Table 3d: Additional Analytical Results
	Table 3e: Additional Analytical Results
	Table 3f: Additional Analytical Results
	Table 4a: Additional Analytical Results
	Table 4b: Additional Analytical Results
	Table 4c: Additional Analytical Results
	Table 4d: Additional Analytical Results
	Table 4e: Additional Analytical Results
	Table 4f: Additional Analytical Results
	Table 4g: Additional Analytical Results
	Table 4h: Additional Analytical Results
	Table 4i: Additional Analytical Results
Figures	Figure 1: Vicinity Map
	Figure 2: Groundwater Elevation Contour Map
	Figure 3: Dissolved-Phase TPPH Concentration Map
	Figure 4: Dissolved-Phase Benzene Concentration Map
	Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time
	Benzene Concentrations vs. Time
Field Activities	General Field Procedures
	Groundwater Sampling Field Notes
Laboratory	Official Laboratory Reports
Reports	Quality Control Reports
	Chain of Custody Records
Statements	Purge Water Disposal
	Limitations

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

Project Coordinator: Shelby Lathrop
Telephone: 916-558-7609

Date(s) of Gauging/Sampling Event: 09/26/05

Water Sampling Contractor: TRC
Compiled by: Christina Carrillo

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: 7.93 feet Maximum: 9.98 feet

Average groundwater elevation (relative to available local datum): **129.43 feet**Average change in groundwater elevation since previous event: **-1.14 feet**

Interpreted groundwater gradient and flow direction:

Current event: 0.02 ft/ft, west

Previous event: **0.02 ft/ft, west (06/22/05)**

Selected Laboratory Results

Wells with detected **Benzene:** 4 Wells above MCL (1.0 μg/l): 2

Maximum reported benzene concentration: 81 µg/l (MW-5)

Wells with TPPH 8260B 3 Maximum: $2,500 \mu g/l$ (MW-5) Wells with MTBE 3 Maximum: $180 \mu g/l$ (MW-5)

Notes:

USTW=Monitored Only,

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

September 26, 2005 **76 Station 4625**

Comments						
MTBE 8260B	$(\mu g/I)$	5.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MTBE 8021B	(µg/I)	ŀ	ł	ł	1	ł
Total Xylenes	$(\mu g/I)$	ND<1.0	ND<1.0	ND<1.0	ND<0.50	2.3
Toluene Ethyl- benzene	$(\mu g/I)$	ND<0.50	98.0	ND<0.50	ND<0.50	0.53
Toluene	$(\mu g/I)$	ND<0.50	ND<0.50	ND<0.50 ND<0.50 ND<0.50 ND<1.0	ND<0.50 ND<0.50 ND<0.50 ND<0.50	ND<0.50
Benzene	(l/gn)	ND<50 ND<0.50 ND<0.50 ND<1.0	0.56	ND<0.50	ND<0.50	0.51
TPPH 8260B	$(\mu g/I)$	ND<50	83	ND<50	ł	ND<50
TPH-G	(hg/l)	I	ı	ŀ	ŀ	ŀ
Change in Elevation	(feet)	-1.14	-1.77	-1.68	-1.68	0.51
LPH Ground- Change in Thickness water Elevation Elevation	(feet) (feet)	et: 5.0-25.0 129.60	et: 5.0-25. (et: 5.0-25.0 129.90	0.00 129.90 -1.68	et: 5.0-25. (129.88
TOC Depth to LPH Ground- Change in levation Water Thickness water Elevation Elevation	(feet)	V-1 (Screen Interval in feet: 5.0-25.0) 09/26/05 137.57 7.97 0.00 129.60 -1.14	(Screen Interval in feet: 5.0-25.0) 139.85 9.98 0.00 129.87 -1.77	(Screen Interval in feet: 5.0-25.0) 138.89 8.99 0.00 129.90 -1.68	0.00	(Screen Interval in feet: 5.0-25.0) 137.81 7.93 0.00 129.88 0.51
Depth to Water	(feet)	(Screen In 7.97	(Screen In 9.98	(Screen In	8.99	(Screen In 7.93
TOC Elevation	(feet)	137.57	139.85	138.89	138.89	137.81
Date TOC Depth to Sampled Elevation Water		MW-1 09/26/05	MW-2 09/26/05	MW-3 09/26/05	D 09/26/05 138.89	MW-4 09/26/05

		Monitored Only
	160	I
	ŀ	1
	52	!
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	0.65	ł
	72	ŀ
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	ł	ŀ
	-1.67	ł
et: 5.0-25.0)	5 138.88 9.50 0.00 129.38 -1.67	et: DNA)
terval in fe	0.00	Screen Interval in feet: DNA) 9.45 0.00
(Screen In	9.50	(Screen Interval in 1 9.45 0.00
	138.88	I
MW-6	09/26/05	USTW 09/26/05

180

1

200

85

ND<0.50

81

2500

ŀ

-1.08

(Screen Interval in feet: **5.0-25.0**) 9.70 0.00 127.96

09/26/05 137.66

MW-5

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

Comments

MTBE 8260B	$(\mu g/l)$		14	19	3.9	0.6	16.3	19	26	18	19	22	23	8.8	3.4	6.7	8.5	12	16	23	7.2	6.2	11	5.6	ND
MTBE 8021B	(l/gµ)		11	21	6.5	9.0	12.7	17	22	14	20	ŀ	ŀ	I	ŀ	ł	ł	ļ	ŀ	ł	ł	ŀ	ŀ	1	ND
Total Xylenes	(µg/l)		ND	ND	ND	ND	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	71	ND<1.0	1.0	ND<1.0	1.4	ND<1.0	ND<1.0	ND<1.0	240
Ethyl- benzene	(µg/l)		ND	N	ND	ND	ND	ND<0.50	21	ND<0.50	ND														
Toluene	(µg/l)		ND	ND	ND	ND	ND	ND<0.50	41	4.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.23J	ND<0.50	ND								
Benzene	(μg/I)		ND	ND	ND	ND	ND	ND<0.50	35	ND<0.50	53														
TPPH 8260B	(l/gn/)		ł	1	ł	1	ŀ	ł	ŀ	ŀ	1	57	ND<50	ND<50	ND<50	ND<50	300	74	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ł
TPH-G	(µg/l)		ND	ND	62	ND	ND	ND<50	ND<50	ND<50	ND<50	1	ŀ	ţ	1	;	ł	ţ	}	ŀ	ļ	1	ŀ	ŀ	2400
Change in Elevation	(feet)		;	4.02	-0.11	-0.05	0.73	-1.25	0.37	1.26	-0.45	-0.91	0.42	2.09	-0.46	-0.12	-1.26	2.02	-1.26	-0.44	1.51	89.0	-0.60	-1.14	ł
Ground- water Elevation		: 5.0-25.0)	124.55	128.57	128.46	128.41	129.14	127.89	128.26	129.52	129.07	128.16	128.58	130.67	130.21	130.09	128.83	130.85	129.59	129.15	130.66	131.34	130.74	129.60	5.0-25.0) 130.05
LPH Thickness	(feet)	(Screen Interval in feet: 5.0-25.0)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(Screen Interval in feet: 5.0-25.0) 54 8.59 0.00 130.05
Depth to Water	(feet)	reen Inte	11.81	7.79	7.90	7.95	7.22	8.47	8.10	6.84	7.29	8.20	7.78	06.9	7.36	7.48	8.74	6.72	7.98	8.42	6.91	6.23	6.83	7.97	reen Intel 8.59
TOC DEFEVATION	(feet)	S)	136.36	136.36	136.36	136.36	136.36	136.36	136.36	136.36	136.36	136.36	136.36	137.57	137.57	137.57	137.57	137.57	137.57	137.57	137.57	137.57	137.57	137.57	(Sc 138.64
Date Sampled El		MW-1	02/03/00	02/28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	02/14/03	02/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	MW-2 05/03/00

Page 1 of 6

4625

Table 2 HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 2000 Through September 2005

76 Station 4625

Comments

MTBE 8260B	$(\mu g/l)$	Q.	1	1	I	J	ļ	!	ŀ	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	Ŋ	ND						
MTBE 8021B	$(\mu g/I)$	24	ND	ND	ND	ND<5.0	ND<10	ND<5.0	ND<5.0	ŀ	ı	1	1	1	ł	;	1	ŀ	ł	ł	ŀ	ŀ	S	QN
Total Xylenes	$(\mu g/I)$	270	22	1.1	ND	9.4	42	4.4	1.5	11	23	5.4	ND<1.0	0.9	13	3.6	1.1	2.8	1.7	6.5	1.5	ND<1.0	ND	N
Ethyl- benzene	$(\mu g/I)$	57	23	0.52	ND	2.1	26	0.84	1.2	10	33	7.4	1.7	23	6.1	1.5	0.87	1.8	2.1	4.4	1.3	98.0	QN	ND
Toluene	(hg/l)	4.1	ND	ND	ND	ND<0.50	ND<1.0	ND<0.50	4.8	ND<0.50	QN QN	ND												
Benzene	(µg/l)	089	29	3.1	1.99	20	110	13	13	20	87	12	2.5	55	17	4.3	1.2	2.7	2.4	3.5	1.1	0.56	N	ND
TPPH 8260B	$(\mu g/l)$]	ł	ŀ	1	ŀ	ŀ	ł	;	140	340	130	ND<50	270	180	86	58	66	220	240	99	83	1	ł
TPH-G	$(\mu g/I)$	2200	490	ND	ND	96	480	69	53	ł	1	ŀ	ł	1	ŀ	ŀ	1	ŀ	ŀ	ı	ł	1	N	ND
Change in Elevation	(feet)	-1.36	1.57	-0.03	-0.52	-1.75	0.67	1.91	-1.06	-1.23	0.58	2.83	1.42	-2.86	-1.43	2.71	-1.31	-0.79	2.24	2.36	-2.36	-1.77	ŀ	-1.22
Ground- Change water in Elevation Elevation	(feet)	128.69	130.26	130.23	129.71	127.96	128.63	130.54	129.48	128.25	128.83	131.66	133.08	130.22	128.79	131.50	130.19	129.40	131.64	134.00	131.64	129.87	: 5.0-25.0) 130.08	128.86
LPH Thickness	(feet)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(Screen Interval in feet: 5.0-25.0) 68 7.60 0.00 130.08	0.00
Depth to Water	(feet)	9.95	8.38	8.41	8.93	10.68	10.01	8.10	9.16	10.39	9.81	8.19	6.77	69.63	11.06	8.35	99.6	10.45	8.21	5.85	8.21	86.6	creen Inter 7.60	8.82
TOC	(feet)	continued 138.64	138.64	138.64	138.64	138.64	138.64	138.64	138.64	138.64	138.64	139.85	139.85	139.85	139.85	139.85	139.85	139.85	139.85	139.85	139.85	139.85	137.	137.
Date Sampled E		MW-2 07/28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	02/14/03	02/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	MW-3 05/03/00	07/28/00

Page 2 of 6

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 2000 Through September 2005

76 Station 4625

Comments

MTBE 8260B	(hg/l)		}	ŀ	ł	;	ŀ	ŀ	!	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<0.50	ND<5.0	ND<0.50	ND<5.0	0.97	ND<0.50	ND<0.50	ND<0.50	QN
MTBE 8021B	(µg/I)	Ş	QN ON	N	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ł	ł	1	1	1	1	ŀ	ł	ł	ŀ	1	1	1	ŀ	1	ND
Total Xylenes	(µg/l)	Ş	ON N	N	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND									
Ethyl- benzene	(hg/l)	Ş	N	ΩN	ND	ND<0.50	ŀ	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND													
Toluene	(l/gm)	Ę	<u>S</u>	N	N	ND<0.50	0.83	ND<0.50	ND<0.50	ND<0.50	ND<0.50	!	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND								
Benzene	(hg/l)	Ş	ON O	N N	ND	ND<0.50	0.62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	;	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND								
TPPH 8260B	(hg/l)		ŀ	i	1	1	ł	}	ł	ND<50	ł	ND<50	ND<50	ND<50	ŀ	I									
TPH-G	(µg/I)	Q.	N	Q Q	ND	ND<50	ND<50	ND<50	ND<50	1	1	1	1	ł	1	ł	ł	ļ	1	ł	ŀ	ŀ	I	I	N
Change in Elevation	(teet)	1 40	1.4 7	-0.07	-0.50	-1.19	90.0	1.87	-0.88	-1.23	0.48	2.82	1.30	-2.64	-1.53	3.47	-1.93	-1.21	2.52	2.52	1.81	-1.92	-1.68	-1.68	l
-F	(teet)	120 25	150.55	130.28	129.78	128.59	128.65	130.52	129.64	128.41	128.89	131.71	133.01	130.37	128.84	132.31	130.38	129.17	131.69	131.69	133.50	131.58	129.90	129.90	: 5.0-25.0) 130.12
LPH Thickness	(teet)	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(Screen Interval in feet: 5.0-25. 0 60 6.48 0.00 130.1:
0	(teet)	7 33		7.40	7.90	60.6	9.03	7.16	8.04	9.27	8.79	7.18	5.88	8.52	10.05	6.58	8.51	9.72	7.20	7.20	5.39	7.31	8.99	8.99	creen Intel 6.48
TOC Elevation	(teet)	continued		137.68	137.68	137.68	137.68	137.68	137.68	137.68	137.68	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	138.89	136.6
Date Sampled E		MW-3 c	10/23/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	D 11/18/04	03/25/05	06/22/05	09/26/05	D 09/26/05	MW-4 05/03/00

Page 3 of 6

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 2000 Through September 2005

76 Station 4625

Comments

MTBE 8260B	(hg/l)		1	ł	;	ł	;	;	ì	1	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	Ç	470	096						
MTBE 8021B	$(\mu g/I)$		2	NO	ND	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ł	!	1	ŧ	ŀ	1	ŀ	ŀ	ł	ŀ	1	ŀ	l		ŀ	ŀ
Total Xylenes	(µg/l)	!	ND	ND	ND	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	7.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.3	3	040	1300
Ethyl- benzene	(µg/l)		QN	ND	ND	ND	ND<0.50	2.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.53	,	37	430								
Toluene	(µg/l)	!	Q	ND	ND	ND	ND<0.50	2.3	ND<0.50	ç	39	210														
Benzene	$(\mu g/l)$!	R	ND	ND	ND	ND<0.50	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.51	Ç Ç	320	920								
TPPH 8260B	(µg/l)		}	ł	ŀ	1	ł	1	ł	I	ND<50	0030	7200	0099												
TPH-G	(µg/l)	ļ	Q N	ND	ND	ND	ND<50	ND<50	ND<50	ND<50	l	1	1	1	1	1	}	1	1	ł	ł	1	ı		ł	1
Change in Elevation	(feet)		-1.07	1.43	-0.02	-1.37	-1.15	0.74	0.74	0.32	-0.81	-0.41	1.86	1.38	-2.16	-0.83	0.82	0.79	-0.92	0.09	3.86	-4.04	0.51		ŀ	1
Ground- water Elevation	(feet)	0	129.05	130.48	130.46	129.09	127.94	128.68	129.42	129.74	128.93	128.52	130.38	131.76	129.60	128.77	129.59	130.38	129.46	129.55	133.41	129.37	129.88	: 5.0-25.0)	ŀ	129.01
LPH Thickness	(feet)	Ġ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(Screen Interval in feet: 5.0-25.0)	0.00	0.00
Depth to Water	(feet)	i i	7.55	6.12	6.14	7.51	8.66	7.92	7.18	98.9	7.67	8.08	7.43	6.05	8.21	9.04	8.22	7.43	8.35	8.26	4.40	8.44	7.93	creen Inte		8.65
TOC Elevation	(feet)	5	136.60	136.60	136.60	136.60	136.60	136.60	136.60	136.60	136.60	136.60	137.81	137.81	137.81	137.81	137.81	137.81	137.81	137.81	137.81	137.81	137.81	S)		137.66
Date Sampled E		MW-4 0	0//28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	MW-5	11/20/02	02/14/03

Page 4 of 6

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 2000 Through September 2005

76 Station 4625

Comments

MTBE 8260B	(µg/l)		1500	630	330	1100	400	250	1100	1000	420	180		490	360	300	099	450	62	410	360	130	06	360	160
MTBE 8021B	$(\mu g/I)$		ŀ	I	ı	1	ı	I	ł	1	1	1		i	ŀ	;	;	ŀ	ŀ	ì	1	}	ŀ	ł	ŀ
Total Xylenes	(µg/l)		0092	2000	140	1000	840	49	4600	6400	1100	200		2300	2300	066	2900	480	65	69	9	80	73	72	52
Ethyl- benzene	$(\mu g/l)$		2000	630	39	400	300	48	1100	1600	320	85		400	260	260	740	120	14	20	19	20	15	23	12
Toluene	$(\mu g/I)$		2200	130	43	99	15	ND<2.5	006	099	110	ND<0.50		2000	1900	640	2300	260	21	14	7.0	19	13	2.4	0.65
Benzene	$(\mu g/l)$		2400	880	75	750	260	53	1300	1400	240	81		1200	2300	1000	2600	420	58	58	77	92	82	84	72
ТРРН 8260В	(hg/l)		33000	14000	1400	6300	4600	1500	22000	53000	5100	2500		11000	13000	4300	16000	2900	400	580	099	099	870	480	440
TPH-G	$(\mu g/1)$		ł	i	1	I	1	. 1	l	ŀ	ţ	ŀ		1	ł	ŀ	ł	ŀ	ŀ	ł	ŀ	ŀ	I	ł	I
Change in Elevation	(feet)		0.42	-1.40	-0.95	1.88	-0.89	-0.46	1.51	1.42	-1.50	-1.08		ŀ	ł	1.14	-2.43	-1.38	2.62	-1.30	-0.65	2.08	1.85	-2.00	-1.67
Ground- water Elevation	(feet)		129.43	128.03	127.08	128.96	128.07	127.61	129.12	130.54	129.04	127.96	5.0-25.0)	ł	131.12	132.26	129.83	128.45	131.07	129.77	129.12	131.20	133.05	131.05	129.38
LPH Thickness	(feet)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(Screen Interval in feet: 5.0-25.0)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depth to Water	(feet)		8.23	9.63	10.58	8.70	9.59	10.05	8.54	7.12	8.62	9.70	reen Inter	9.19	7.76	6.62	9.05	10.43	7.81	9.11	9.76	2.68	5.83	7.83	9.50
TOC I Elevation	(feet)	continued	137.66	137.66	137.66	137.66	137.66	137.66	137.66	137.66	137.66	137.66	S)	ł	138.88	138.88	138.88	138.88	138.88	138.88	138.88	138.88	138.88	138.88	138.88
Date Sampled E		MW-5 c	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	9-WM	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Page 5 of 6

USTW

(Screen Interval in feet: DNA)

Page 6 of 6

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS May 2000 Through September 2005 Table 2

76 Station 4625

Comments																Monitored Only	Monitored Only	Monitored Only	Monitored Only	Monitored Only-UST well	Monitor only	Monitored Only	Monitored Only
MTBE 8260B	$(\mu g/1)$		ŀ	ŧ	ı	ł	ŀ	ł	ì	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ł	ł	1	;	ł	ŀ	ł	ı
MTBE 8021B	(l/g _µ)		ŀ	ŀ	ŀ	ŀ	ŀ	ł	ŀ	ł	ŀ	ŀ	ŀ	ŀ	ł	ŀ	ł	ł	ŀ	ļ	ŀ	ł	;
Total Xylenes	(hg/l)		ı	į	ŀ	ł	1	;	ŀ	ł	ł	ı	ŀ	ı	1	ŀ	ı	ì	1	ŀ	ŧ	ŀ	ł
Ethyl- benzene	$(\mu g/I)$		ŀ	1	ł	ł	}	1	}	ŀ	ŀ	ł	ŀ	;	ł	1	ł	ł	i	1	Ì	ł	ŀ
Toluene	$(\mu g/I)$		1	ł	ł	1	ł	ł	ì	ł	}	ł	ł	ł	ł	ł	ł	1	ł	1	I	1	;
Benzene	$(\mu g/l)$		1	1	ł	ł	1	1	1	ŀ	1	ł	ł	ł	ŀ	ł	1	ŀ	1	1	!	1	1
TPPH 8260B	(µg/l)		ł	1	ł	1	ł	ł	ł	į	ŀ	ł	ł	ł	ł	ł	!	1	į	1	ł	;	
TPH-G	(µg/l)	e	ł	ł	ŀ	ł	ł	ł	ł	ł	ł	ŀ	ł	1	ł	ŀ	ł	1	ł	;	1	ł	ŀ
Ground- Change water in Elevation Elevation	(feet)		;	ł	ı	I	1	ł	1	ı	ł	ŀ	ŀ	1	ł	1	ł	ł	I	ł	;	1	1
Ground- water Elevation	(feet)		ł	ŀ	ł	ł	1	;	ŀ	I	ł	ŀ	ŀ	1	ł	1	:	ŀ	ł	ŧ	l	ł	1
LPH Thickness	(feet)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ł	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depth to Water	(feet)		8.00	9.28	7.75	6.14	7.96	9.54	9.33	8.08	8.51	9.56	9.16	6.25	8.99	10.44	6.52	8.98	9.75	7.39	5.01	7.63	9.45
TOC Elevation	(feet)	continued	ł	1	ŀ	ŀ	1	ļ	ł	1	1	ŀ	ŀ	ł	1	ł	ł	ł	ł	1	ł	1.	ŀ
Date Sampled E		USTW	02/03/00	07/28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

1,3- Dichloro- benzene (µg/l)	ł	ŀ	!	ŀ	ŀ	ł	ŀ	ì	ł	ŀ	}	1	ł	1	1		ŀ	Ì	ł	ŀ	1	;	ł	;	ł	ł
trans-1,2- Dichloro- ethene (μg/l)	ſ	ŀ	ł	ŀ	ŀ	ŀ	:	ł	ł	ł	ł	ŀ	ł	ł	}		ļ	ł	ŀ	ł	ł	ł	ŀ	ł	ŀ	1
cis-1,2- Dichloro- ethene (µg/l)	ł	ł	ł	1	ŀ	ł	ł	ŀ	ŀ	ł	ŀ	1	ŀ	ı	ŀ		ł	;	ı	ł	ł	ł	ŀ	ŀ	69.0	;
PCE (µg/l)	1	ł	ł	ı	i	ł	1	1	ŀ	ŀ	ł	ŀ	ł	ł	1		ł	2.7	1	ł	}	ŀ	1	ŀ	0.56	1
Dibromo- chloro- methane (μg/l)	· I	1	1	;	ł	;	ł	ì	ł	ł	;	ŀ	ł	i	I		ŀ	ł	ł	ł	ŀ	ŀ	ı	ł	ļ	;
2- Chloroethy I vinyl (µg/I)	ŀ	ł	i	1	ł	ł	ł	ł	;	ł	ł	ł	;	ł	1		ŀ	1	ł	ŀ	1	1	i	ŀ	ŀ	į
Chloro- benzene (µg/l)	ł	;	ł	ţ	I	1	ł	ł	ł	ł	ŀ	ŀ	l	ŀ	1		f	ł	ł	ŀ	!	;	;	;	;	;
MIBK (µg/l)	ŀ	ł	ł	;	ŀ	ł	ŀ	ŀ	i	ŀ	ł	ł	ŀ	ł	ł		ŀ	ŀ	ŀ	ł	ł	ŀ	I	;	ŀ	ŀ
Vinyl acetate (µg/l)	I	ŀ	ł	ŀ	ŀ	ŀ	;	ŀ	ŀ	ŀ	ł	ŀ	ł	ŀ	ţ		;	ŀ	ŀ	ŀ	ŀ	ŀ	i	ţ	ŀ	ł
EDC (µg/l)	N	ND	ND<2.0	ND<1.0	ND<2.0	ND<0.50	ND<0.5	ND<0.50		ì	ND	ł	ı	ŀ	ŀ	ŀ	ŧ	ŀ	ŀ							
1,4- Dichloro- benzene (µg/l)	ŀ	ŀ	ŀ	ł	ŀ	ł	1	;	ŀ	ŀ	ŀ	1	ł	ŀ	1		1	ŀ	ı	ł	ł	i	ŀ	ž š	ŀ	ļ
trans-1,3- Dichloro- propene (μg/l)	I	ŀ	1	ŀ	I	ŧ	+	;	ţ	ł	ł	1	ŀ	1	}		ŀ	!	ı	ŀ	ŀ	ł	ŀ	ł	ı	1
cis-1,3- dichloro- propene (μg/l)	1	ŀ	ŀ	ł	ŀ	;	1	ŀ	;	ł	1	1	1	ł	I		;	ŀ	ŀ	1	1	ł	ł	ŀ	1	;
Styrene (µg/l)	I	ŀ	!	1	1	ŀ	ŀ	ŀ	ł	!	1	ŀ	ł	ł	I		ł	ł	ì	ŀ	ì	ŀ	:	}	ŀ	ł
TPH-D (μg/l)	ł	ł	ł	i	ŀ	ì	ł	ł	ł	ŀ	ł	ŀ	;	ł	1		93	ND	ND	72	NO	63	88	ND<310	ND<53	ND<50
Date Sampled	MW-1 02/09/01	05/11/01	08/10/01	11/07/01	05/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	05/27/04	08/31/04	11/18/04	MW-3	02/03/00	07/28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02

Page 1 of 3

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

1,3- Dichloro- benzene	(µg/l)		:	:	1	ł	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	;		1	1	ŀ	;	;	:	ļ	!	ŀ	;	!
	<u> </u>						Ň	Ň	Ŕ	Ŕ	Ń	Ŕ	N	Ŕ				·	·			·	·	·		·	·
trans-1,2- Dichloro- ethene	(µg/I)		ł	ł	!	1	ND<0.50	ł		ŀ	1	ł	ł	1	1	ł	I	ł	ł	ł							
cis-1,2- Dichloro- ethene	(hg/l)		1	. 1	I	;	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ł	ŀ	I		ŀ	ì	ŀ	ł	ł	ŀ	ŀ	ŀ	i	i	ı
PCE	(µg/l)		i	i	ŀ	1	ND<0.50	I		1	ł	!	ŀ	ŀ	ł	ł	ŀ	ţ	ł	ŀ							
Dibromo- chloro- methane	$(\mu g/1)$		1	ŀ	ł	ł	ND<0.50	ŀ		ł	ŀ	ł	ŀ	ŀ	ł	ŀ	ŀ	;	ł	ł							
2- Chloroethy 1 vinyl	$(\mu g/I)$		1	ŀ	ł	1	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ŀ	į	ł	ł	1		i	ŀ	ł	ŀ	ł	ŀ	ļ	ŀ	ŀ	ł	!
Chloro- benzene	$(\mu g/1)$		ŀ	ł	ŀ	ŀ	ND<0.50	1		ł	ŀ	ł	ł	ł	ì	ı	ŀ	ŀ	ł	1							
MIBK	$(\mu g/I)$		1	ŀ	;	ł	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ŀ	ŀ	f		ŀ	ł	ŀ	:	;	ł	;	ł	ľ	1	1
Vinyl acetate	(µg/l)		1	ł	ł	ł	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25	;	ł	ŀ		ŀ	ŀ	1	ł	ï	ŀ	ŀ	ŀ	ł	ŀ	ł
EDC	(hg/l)		1	1	ł	ţ	ND<0.50	ND<2.0		ND<20	ND<20	ND<200	ND<20	ND<10	ND<20	ND<5.0	ND<2.5	ND<10	ND<25	ND<0.50							
1,4- Dichloro- benzene	(µg/l)		ŧ	1	ł	ł	ND<0.50	ND<2.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ł		ŀ	1	1	ł	ŀ	ì	ŀ	1	ŀ	;	ı
trans-1,3- Dichloro- propene	(µg/l)		ł	ŀ	1	1	ND<0.50	ł		1	}	1	ł	1	1	ł	ŀ	1	ŀ	ł							
cis-1,3- dichloro- propene	(hg/l)		1	ł	ł	ı	ND<0.50	ŀ		;	;	ŀ	ł	ì	1	ł	ł	1	!	ì							
Styrene	(µg/l)		ł	ì	ŀ	ł	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ŧ	1	ı		ł	ŀ	ł	ŀ	ł	ŀ	ì	ł	ŀ	1	ŀ
TPH-D	(µg/l)	continued	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	1	ND<50	ND<50	ND<50	;	ND<200	ł		ł	1	ŀ	ŀ	ł	ł	ŀ	ŀ	1	ŀ	1
Date Sampled		MW-3 c	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/56/05	MW-4 02/14/03	WW-5	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05

Page 2 of 3

Page 3 of 3

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

	Date TPH-D Styrene cis-1,3- trans-1, Sampled dichloro Dichlor propene propen		MW-5 α 09/26/05	MW-6	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05
	TPH-D	(µg/l)	ntinued 		1	ł	ł	ŀ	1	ŀ	ł	ŀ	ł	ŀ	ŀ	ł
	Styrene	(hg/l)	ı		1	ŀ	ł	ł	ł	ł	ŀ	1	;	ł	;	ł
	cis-1,3- dichloro- propene	(µg/l)	I		1	1	ł	ŀ	i	;	ı	ł	1	ŀ	;	ł
	trans-1,3- 1,4- EDC Dichloro- Dichloro- propene benzene	(µg/l)	}		ŀ	ł	ŀ	ł	ł	ł	ł	ł	;	1	;	ł
	1,4- Dichloro- benzene	(hg/l)	ŀ		ł	I	ł	1	ŀ	1	ŀ	1	1	ŀ	ŀ	ŀ
		- 1		;	ND<40	ND<40	ND<100	ND<80	ND<20	ND<2.0	ND<2.5	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50
76 Station 4625	Vinyl MIBK Chloro- acetate benzene Ch	(µg/l)	1		1	ł	ł	ŀ	ł	;	;	ł	ł	:	ł	;
n 4625	MIBK	(hg/l)	ł		!	;	ł	ł	ŀ	ŀ	ł	ŀ	ì	ŀ	ŀ	ŀ
	Chloro- benzene	(hg/l)	ł		1	i	ı	ŀ	ł	ł	ł	ł	i i	ł	ł	1
	2-] Chloroethy I vinyl	(μg/l)	I		I	1	ł	ł	ł	ŀ	ł	ŀ	ł	ł	ł	ł
	Dibromo- chloro- methane	(µg/l)	I		1	ŀ	1	ŀ	1	ł	1	ł	ŀ	ł	1	ł
	PCE	(µg/l)	!		1	;	ł	ł	i	ł	1	ŀ	1	;	ł	ł
	cis-1,2-Dichloro-ethene	(µg/l)	!		1	1	ŀ	ł	ŀ	ł	ł	ŀ	ł	;	ł	ŀ
	trans-1,2- Dichloro- ethene	(μg/l)	f		1	ł	ŀ	1	;	;	1	ł	;	ł	1	ŀ
	1,3- Dichloro- benzene	(µg/l)	l		ŀ	ł	ł	ł	1	ł	ł	ł	ŀ	ł	ŀ	ł

Page 1 of 1

	1,1-Dichloro-ethene	(1/8rl)	ND<0.50							
	1,1- Dichloro- ethane	(µg/1)	ND<0.50							
	Bromo- dichloro- methane	(1/8m)	ND<1.0	ND<0.50						
	Bromoform	(n/8m)	ND<0.50							
	Carbon disulfide	(m/8/n)	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ł	ŀ
	Methylene chloride	(1/8H)	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<1.0
RESULTS	Vinyl	(1/8H)	ND<0.50							
Table 3 b L ANALYTICAL 76 Station 4625	Chloro- ethane	(µ8/1)	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50
Table 3 b ADDITIONAL ANALYTICAL RESULTS 76 Station 4625	Chloro- methane	(1/SH)	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50
ADDITIO	Bromo- methane	(HB/1)	ND<1.0							
•	1,1,1- Trichloro- ethane	(1/84)	ND<0.50							
	Chloro-form	(F8/1)	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	0.17J	ND<0.50
	Acetone (110/1)	(H8(1)	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ł	ł
	2- Hexanone	(1,94)	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	1	1
	Carbon tetra-chloride	(1,94)	ND<0.50							
	Date Sampled	MW-3	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Bromo- benzene	(µg/l)		ł	ł	ŀ	ł	;	1	1	1	ŀ	ł	ł	}	1	1	1		İ	ł	ł	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1
1,3,5- Trimethyl- benzene	(µg/l)		ŀ	į	;	ŀ	;	;	ł	1	ł	ŀ	1	į	ŀ	ł	1		1	!	ł	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ł
EDB	(µg/l)		ND	ND	ND<2.0	ND<1.0	ND<2.0	ND<0.50	ND<0.5	ND<0.50		ND	ł	ŀ	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ŀ							
4-Chloro-toluene	(μg/l)		ŀ	ŀ	ł	ŀ	ł	ŀ	ŀ	ŀ	ı	ł	ì	ŀ	ł	ŀ	ŀ		:	;	1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1
n-Butyl- benzene	(µg/l)		I	ł	ł	1	ŀ	ı	ŀ	ı	ŀ	ł	ŀ	ŀ	ł	ŀ	1		ŀ		ł	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ı
n-Propyl- benzene	(hg/l)		;	ł	ŀ	ł	ł	ŀ	ł	ŀ	ł	ŀ	ŀ	ł	ŀ	ł	ŧ		ŀ	1	ł	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1
Dichloro- difluoro- methane	(hg/l)		;	1	ł	ł	1	1	1	ł	ł	ł	ł	ŀ	ŀ	I	ł		1	!	ŀ	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	;
1,2- Dichloro- benzene	(µg/l)		ŀ	ŀ	ŀ	ŀ	1	ł	ł	ŀ	1	ŀ	ŀ	i	ì	ŀ	ł		ŀ	ŀ	;	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<2.0
1,1,2,2- Tetrachloro ethane	(hg/l)		ł	i	ŀ	ı	ŀ	1	ŀ	ł	1	ŀ	ŀ	ŀ	i	ł	1		1	1	ł	ND<0.50						
	(µg/l)		ł	ı	ł	ł	1	ŀ	;	1	ŀ	ł	ł	ŀ	ł	ŀ	ł		1	0.55	98.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.25J
1,1,2- Trichloro- ethane	(µg/l)		ŀ	ì	ł	ł	Į.	ŀ	ì	1	ì	1	1	ł	ł	ł	1		:	1	ŀ	ND<0.50						
MEK	(µg/l)		ŀ	ŀ	1	1	;	ł	;	1	ł	1	ł	ŀ	ł	ľ	ŀ		:	ŀ	ł	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	1
1,2- Dichloro- propane	(l/gn/)		1	ŀ	ŀ	ŀ	ì	ŀ	1	ŀ	ł	ŀ	ŀ	ł	;	l	ł		ł	!	1	ND<0.50						
Trichloro- trifluoro- ethane	(µg/l)		;	:	ł	ł	ł	ł	ł	ł	ł	ł	ł	ŀ	1	ŀ	ł		I	ŀ	1	ND<0.50						
Trichloro- fluoro- methane	(µg/l)		ì	;	1	1	1	ł	ŀ	ŀ	ŀ	ł	}	ŀ	ł	ŀ	1		ŀ	ł	ŀ	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50
Date Sampled		MW-1	02/09/01	05/11/01	08/10/01	11/07/01	05/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	05/27/04	08/31/04	11/18/04	MW-3	0//28/00	11/0//01	05/08/02	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05

Page 1 of 3

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Bromo- benzene (μg/l)		1 7	1	!	ŀ	1	1	ł	1	ł	1	ł	ŀ	;	ţ		ŀ	ł	1	ŀ	ı	ł	ł	1
1,3,5- Trimethyl- benzene (µg/l)	-	ŀ	;	;	ļ	ł	ł	1	ı	1	ł	ŀ	ŀ	ŀ	1		ŀ	ł	ł	ŀ	ŀ	ı	1	1
EDB (μg/l)	l	ND<2.0	ND<2.0	ND<20	ND<20	ND<200	ND<20	ND<10	ND<20	ND<5.0	ND<2.5	ND<10	ND<25	ND<0.50	ND<0.50		ND<40	ND<40	ND<100	ND<80	ND<20	ND<2.0	ND<2.5	ND<2.5
4-Chlorotoluene (μg/l)	ţ	I	ł	I	ł	1	;	1	ŀ	1	ł	ŀ	ł	ł	ł		ł	ŀ	ŀ	1	ł	ŀ	ł	I
n-Butyl- benzene (μg/l)	1	ł	1	ŀ	ł	ŀ	1	ŀ	ŀ	1	ŀ	ł	ļ	ŀ	;		ł	!	;	1	;	;	;	1
n-Propyl- benzene (µg/l)	1	ł	ì	ł	ŀ	ł	i	ł	ŀ	i	ł	ł	ł	1	1		ŀ	ļ	;	;	ł	ł	ŀ	}
Dichloro- difluoro- methane (μg/l)	ı	ŀ	I	!	1	ı	1	ł	;	ŀ	ł	1	i	ŀ	1		ł	ł	i	1	ľ	1	1	ł
1,2- Dichloro- benzene (µg/l)	ND<0.50	ł	ł	ŀ	ŀ	ŀ	ŀ	ŀ	I	ł	ŀ	I	ŀ	i	ŀ		1	;	ł	ł	ŀ	ŀ	ŀ	ŀ
1,1,2,2- Tetrachloro ethane (µg/l)	ND<0.50	I	1	I	ŀ	}	ł	ŀ	1	;	1	ŀ	1	ł	ł		ì	ł	1	ŀ	ł	ł	ŀ	ŀ
TCE (µg/l)	ND<0.50	ŀ	1	ŀ	1	1	ł	ŀ	1	ŀ	i i	ł	ł	ŀ	1		ŀ	ł	ł	ì	ł	ŀ	ŀ	ŀ
1,1,2- Trichloro- ethane (μg/l)	ND<0.50	I	I	I	ŀ	ŀ	ł		ł	ł	ŀ	1	ł	ŀ	ł		ŀ	ł	ŀ	ŀ	ŀ	ŀ	I	ŀ
MEK (μg/l)	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	I	ł	1	I	ŀ	ł	ł	1	ŀ		ł	1	i	ł	ì	ł	ł	ı
1,2- Dichloro- propane (µg/l)	ND<0.50	I	}	ŀ	ł	i	ŀ	ı	ł	ł	ı	1	1	ł	1		1	ŀ	ł	:	1	1	1	1
Trichloro- trifluoro- ethane (μg/l)	ND<0.50	1	ł	ŀ	1	ŀ	ŀ	ļ	ł	ŀ	}	ł	;	ł	1		ŀ	;	ł	1	ŀ	;	;	ł
Trichloro- fluoro- methane (μg/l)	MW-3 continued 09/26/05 ND<0.50	1	i	ı	1	ŀ	ł	ł	ŀ	1	ł	ł	ŀ	ı	1		1	1	;	1	ł	}	ł	1
Date Sampled	MW-3 continued 09/26/05 ND<0.50	MW-4 02/14/03	08/01/03	MW-5 11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	9-MM	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04

Page 2 of 3

4625

Page 3 of 3

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

	Bromo- benzene		$(\mu g/I)$		ł	ł	ŀ	ł
	1,3,5- Trimethyl-	benzene	$(\mu g/I)$		ł	ì	ì	;
	EDB		$(\mu g/I)$	ľ	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	4-Chloro-toluene		$(\mu g/1)$ $(\mu g/1)$ $(\mu g/1)$	-	1	ŀ	ł	ł
	n-Butyl- benzene		$(\mu g/I)$;	1	1	1
	n-Propyl- benzene		$(\mu g/I)$:	ŀ	ł	ŀ
	Dichloro- difluoro-	methane	(µg/I)		ŀ	1	;	1
	1,2- Dichloro-	benzene	(µg/I)		ŀ	1	1	ŀ
CWOL TOWNS OF	1,1,2,2- Tetrachloro	ethane	$(\mu g/I)$		i	ł	ł	1
	TCE		$(\mu g/I)$		ł	ŀ	ŀ	;
	1,1,2- Trichloro-				1	ł	i	1
	MEK		(μg/l)		ŀ	1	1	ŀ
	1,2- Dichloro-	propane	$(\mu g/I)$;	ŀ	į	1
	Trichloro- trifluoro-				ł	ł	ţ	1
	Trichloro-	methane	(µg/l)	ontinued	I	1	ł	ł
	Date 7			MW-6	11/18/04	03/25/05	06/22/05	09/26/05

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

ropyl- rzene	(I/g)		×0.50	×0.50	><0.50	×0.50	0.50	><0.50	ł
- Isor ber			N	NE	N	N	N	N	
tert-Butyl- benzene	(µg/l)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ł
DBCP	(l/gn)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1
1,2,4- Trimethyl- benzene	(µg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1
2-Chloro-toluene	(µg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ı
НСВД	(µg/l)		ND<1.0	ND<2.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
1,2,3- Trichloro- benzene	(µg/l)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Ī
Bromo- chloro- methane	(l/gn/)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ł
Dibromo- methane	(hg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1
1,1,1,2- Tetrachloro ethane	(µg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	:
2,2- Dichloro- propane	(µg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ţ
	(µg/l)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ı
	(µg/l)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1
	(µg/l)		ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ŀ
1,2,4- Trichloro- benzene	(hg/l)		ND<1.0	ND<1.0	ND<1.0	ND<1.0			ND<2.0
Date Sampled		MW-3	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05
	1,2,4- sec-Butyl- 1,3- 1,1- 2,2- 1,1,1,2- Dibromo- Bromo- 1,2,3- HCBD 2-Chloro- 1,2,4- Trichloro- benzene Dichloro- Dichloro- Tetrachloro methane chloro- Trichloro- toluene Trimethylbenzene propane propane ethane ethane methane benzene benzene	1,2,4- sec-Butyl- 1,3- 1,1- 2,2- 1,11,2- Dibromo- Bromo- 1,2,3- HCBD 2-Chloro- 1,2,4- DBCP tert-Butyl- Trichloro- benzene Dichloro- Dichloro- Tetrachloro- Trichloro- Trichloro- Trimethyl- benzene benzene propane ethane methane benzene benzene benzene (μg/l) (μg/	1,2,4- sec-Butyl- 1,3- 1,1- 2,2- 1,1,1,2- Dibromo- Bromo- 1,2,3- HCBD 2-Chloro- 1,2,4- DBCP tert-Butyl- benzene Dichloro- Dichloro- Propane propane propane propane ethane chane (μg/l)	1,2,4- sec-Butyl- 1,3- 1,1- 2,2- 1,1,1,2- Dibromo- Bromo- 1,2,3- HCBD 2-Chloro- 1,2,4- DBCP tert-Butyl- ichloro- benzene Dichloro- Dichloro- Propane ethane ethane ethane energence propane ethane propane ethane propane ethane propane (µg/l)	1,2,4 sec-Buty - 1,3-	Light Sec-Butyl Light Light	1,2,4 sec-Buty 1,3 - 1,1 2,2 - 1,11,2 Dibromo Dichloro- Di	1.2.4 sec-Buty 1.3 1.1 2.2 1.1,1.2 Dibromo methane chiane chian	1.2.4 bearzene sec-Butyl-bearzene 1.1.1 bearzene 1.2.4 bearzene HCBD 2-Chloro-bearzene 1.2.4 bearzene HCBD 2-Chloro-bearzene 1.2.4 bearzene Dichloro-bearzene 1.1.1, 1.2 bearzene Dichloro-bearzene 1.1.1, 1.2 bearzene Dichloro-bearzene Propane chlane Dichloro-bearzene Propane chlane Dichloro-bearzene Propane chlane Propane Propane

Table 3 e
ADDITIONAL ANALYTICAL RESULTS **76 Station 4625**

Chrysene	(hg/l)	;	ł	1	;	ł	;	ł	ŀ	;	ł	1	ŀ	:	ŀ	ı		1	ŀ	ND<2.7	ND<4.0	ND<2.0	1	ND<2.0	ł	I
Benzo (a)Anth-racene	(μg/l)	ł		ł	ı	ł	ŀ	ì	ŀ	ŀ	ł	ŧ	1	ŀ	ŀ	ŀ		ł	!	ND<2.7	ND<4.0	ND<2.0	ł	ND<2.0	ł	ŀ
Pyrene	(hg/l)	:	ł	ł	ŀ	1	ŀ	;	ŀ	ł	ì	ł	š	ł	1	ŀ		ł	!	ND<2.7	ND<4.0	ND<2.0	ł	ND<2.0	ŀ	1
Fluoran- thene	(µg/l)	;	ł	ł	ł	1	ŀ	ł	;	ł	ŀ	I	ł	ł	1	ŀ		ł	1	ND<2.7	ND<4.0	ND<2.0	1	ND<2.0	ł	!
Anthra- cene	(μg/l)	ł	ŀ	1	ł	1	ŀ	ł	ŀ	ł	ŀ	1	1	ł	ł	ļ		:	ŀ	ND<2.7	ND<4.0	ND<2.0	ì	ND<2.0	ŀ	i
Fluorene	(µg/l)	ł	ŀ	ŀ	ŀ	ŀ	ŀ	ł	ł	ł	ŀ	ŀ	ł	;	ŀ	ŀ		ľ	ŀ	ND<2.7	ND<4.0	ND<2.0	ŀ	ND<2.0	I	ł
Acenaph- thene	(l/gn/)	ł	ł	ł	}	1	ł	1	;	ł	!	ł	ł	ľ	ł	ł		1	ł	ND<2.7	ND<4.0	ND<2.0	ı	ND<2.0	I	ł
Acenaph- thylene	(µg/l)	1	1	1	ł	;	ŀ	ì	ŀ	ł	ł	1	ł	1	1	I		I	ŀ	ND<2.7	ND<4.0	ND<2.0	ŀ	ND<2.0	. 1	ł
~~ M				0	0.	0:	0:	0	0:	0,	0.	0:	0.	20	3.5	50					20					0
ETBE 8260B	(µg/l)	S	S	ND<2.0	ND<1.0	ND<2.0	ND<0.50	ND<0.5	ND<0.50	!	ON N	1	1	ND<0.50	1	ł	ł	1	ND<2.0							
DIPE ETBE 8260B 8260I	(l/gμ) (l/gμ)							ND<2.0 ND<2.				ND<2.0 ND<2				ND<1.0 ND<0									1	ND<2.0 ND<2.
																	!									
DIPE 8260B	(µg/l)	ND	ND	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	!	QN	;	ł	ND<1.0		I	ı	ı	ND<2.0							
TBA DIPE 8260B 8260B	(μg/l) (μg/l)	ND ND	UN UN	ND<100 ND<2.0	ND<20 ND<1.0	ND<100 ND<2.0	ND<5.0 ND<1.0	ND<5.0 ND<1.0	ND<5.0 ND<1.0	!	ND ON	!	:	ND<5.0 ND<1.0	!	į	:	;	ND<100 ND<2.0							
TAME TBA DIPE 8260B 8260B 8260B	(l/gμ) (l/gμ) (l/gμ)	ND ND	UN UN	ND<100 ND<2.0	ND<20 ND<1.0	ND<100 ND<2.0	ND<5.0 ND<1.0	ND<5.0 ND<1.0	ND<5.0 ND<1.0	!	ON ON ON -	!	1	ND<0.50 ND<5.0 ND<1.0	ND<1.0 ND<2.0	1	1	;	ND<2.0 ND<100 ND<2.0							
Phenan- TAME TBA DIPE threne 8260B 8260B 8260B	(l/gμ) (l/gμ) (l/gμ) (l/gμ) (l/gμ)	ND ND	UN UN	ND<100 ND<2.0	ND<20 ND<1.0	ND<100 ND<2.0	ND<5.0 ND<1.0	ND<5.0 ND<1.0	ND<0.50 ND<5.0 ND<1.0	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	ON ON ON	;	ND<2.7	ND<4.0 ND<0.50 ND<5.0 ND<1.0	ND<2.0	1	ND<2.0	;	ND<2.0 ND<100 ND<2.0							

Page 1 of 2

4625

Page 2 of 2

Chrysene	(µg/l)		1	:	ŀ	ł	ł	ŀ	1	ŀ	;	1	1	1		1	ł	ŀ	ł	ł	ŀ	ł	ł	1	ŀ	;	ŀ
Benzo (a)Anth-racene	(µg/l)		ŀ	ŀ	!	ŀ	ŀ	ı	1	!	1	ŀ	İ	1		ļ	ł	ł	ı	ŀ	ł	ì	1	1	ł	ŀ	I
Pyrene	(µg/l)		1	;	1	ł	ł	1	1	ł	ł	ł	ŀ	ļ		;	1	;	ł	ŀ	ł	;	1	ł	;	1	ŀ
Fluoran- thene	(µg/l)		ł	1	ł	ł	ŀ	ŀ	ł	ł	ŀ	ł	ł	1		ŀ	ŀ	ŀ	ŀ	ŀ	ł	ŧ	ŀ	;	;	;	ł
Anthra- cene	(µg/l)		1	ł	ŀ	ł	ŀ	ŀ	ŀ	1	ŀ	ł	ł	1		ŀ	ŀ	ŀ	ł	ł	ł	ł	ŀ	į	;	ł	ł
Fluorene	(µg/])		1	ł	ŀ	1	ł	i	ł	1	ł	ŀ	ł	ł		ŀ	ł	ł	ł	ł	ł	ŀ	ŀ	ł	ł	ł	ł
Acenaph- Acenaph- thylene thene	(µg/l)		l	ŀ	ŀ	ŀ	}	ı	ŀ	ł	ł	;	1	ł		1	ł	:	ŀ	i	ŀ	ł	ł	ŀ	ì	ł	+
Acenaph- thylene	(µg/l)		1	ŀ	ł	ŀ	1	ŀ	ŀ	ŀ	ł	ł	ŀ	ŀ		ŀ	I	ł	ł	1	ŀ	ł	ł	l	ŀ	ŀ	1
ETBE 8260B	(µg/l)		ND<20	ND<20	ND<200	ND<20	ND<10	ND<20	ND<5.0	ND<2.5	ND<10	ND<25	ND<0.50	ND<0.50		ND<40	ND<40	ND<100	ND<80	ND<20	ND<2.0	ND<2.5	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50
DIPE 8260B	(µg/l)	. !	ND<20	ND<20	ND<200	ND<20	ND<10	ND<20	ND<10	ND<5.0	ND<20	ND<25	ND<0.50	ND<0.50		ND<40	ND<40	ND<100	ND<80	ND<20	ND<2.0	ND<5.0	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50
TBA 8260B	(µg/l)		ND<1000	ND<1000	ND<10000	ND<1000	ND<500	ND<1000	ND<50	ND<25	140	ND<250	16	ND<10		ND<2000	ND<2000	ND<5000	ND<4000	ND<1000	ND<100	ND<25	ND<25	8.1	45	ND<10	ND<10
TAME 8260B	(hg/l)	!	ND<20	ND<20	ND<200	ND<20	ND<10	ND<20	ND<5.0	ND<2.5	ND<10	ND<25	ND<0.50	ND<0.50		ND<40	ND<40	ND<100	ND<80	ND<20	ND<2.0	ND<2.5	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Phenan- threne	(l/gn/)		;	ŀ	ł	ŀ	ì	ł	ł	ł	ŀ	ł	ł	ł		f	ŀ	ŀ	ł	1	ŧ	ł	ł	;	;	;	ŀ
-	(µg/l)		ŀ	ł	ŀ	1	1	ł	i i	ŀ	1	ł	1	1		}	;	ł		1	1	}	;	ł	1	1	ł
p- Isopropyl- toluene	(hg/l)		ł	ł	1	ŀ	i	ŀ	ł	ł	ŀ	1	1	1		ŀ	ŀ	ł	ł	ł	1	ŀ	ŧ	1	ł		1
Date p- Sampled Isopropyl- toluene		MW-5	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	WW-6	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

4625

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

2-Methyl- naph- thalene	(l/gμ)		1	į	;	1	ł	ł	ŀ	ţ	;	ŀ	ł	ŀ	ł	ł	ł		ŀ	ł	ł	ı	ł	;	;	ŀ	ł
TOG	(mg/l)		!	ŀ	1	ŀ	ŧ	1	ł	ł	ŀ	!	ł	1	ł	ł	ł	ŀ	ŀ	ł	1	;	ł	ł	ł	ł	ŀ
Chromium	(µg/l)		ŀ	ŀ	i	ì	ŀ	;	ŀ	ł	ł	;	1	1	ŀ	;	ŀ	1	1	ŀ	ŀ	1	ì	ł	i	ŀ	ł
4-Methyl- phenol	(µg/I)		ł	ł	ł	ł	ŀ	ł	i	ł	ł	ł	ł	ł	1	1	ł	1	ŧ	ŀ	;	;	ł	ŀ	ł	ł	1
2-Methyl- phenol	(l/gn/)		1	ł	;	ŀ	ŀ	;	ŀ	1	1	ŀ	ł	1	ł	1	ŀ	ł	1	ŀ	ł	;	ŀ	ļ	ŀ	ł	ŀ
bis(2- Ethylhexyl)	(µg/l)		ł	ł	;	I	ł	ı	ŀ	ŀ	ŀ	ŀ	ł	:	ŀ	ŀ	ł	ŀ	ŀ	ł	ì	1	ŀ	ŀ	f	1	ł
Ethanol 8260B	(µg/l)		ND	ND	ND<1000	ND<500	ND<50	ND<50	ND<50	ND<50	ND<1000	ND<1000	ND<500	ND<500	ND<500	ND<50	ND<50	ND<50									
Indeno (1,2,3c,d)-	(l/gμ)		;	ł	ł	ł	1	ŀ	ł	i		ŀ	ŀ	ł	ŀ	ŀ	ŀ	ŀ	ŀ	1	1	ŀ	1	;	1	;	ŀ
Benzo (g,h,i)-	(μg/l)		ł	1	ŀ	1	ŀ	ſ	ŀ	ì	i	ł	!	1	ŀ	i	1	1	1	ì	1	ŀ	ŀ	1	1	1	ł
DB(A,H)A	(µg/l)			;	ŀ	ı	1	ŀ	1	ŀ	ì	ŀ	1	ŀ	ŀ	ŀ	;	;	:	• 1	;	ł	ł	;	;	;	!
Benzo(a) Pyrene	(µg/l)		ł	ł	ł	;	ł	;	ł	ļ	;	;	;	ł	ł	ł	1	;	ł	ł	ŀ	ł	1	ŀ	ł	ŀ	l
B(K)F	(µg/l)		ŀ	ŀ	1	ŀ	ł	ŀ	;	ł	i	ŧ	i	1	ł	ŀ	ł	ł	ł	ŀ	ł	I	ł	ł	ŀ	ł	1
B(B)F	(µg/l)		ı	ł	1	ŀ	ł	ł	ţ	ŀ	t	1	ŀ	ł	ł	1	ŀ	1	ł	ŀ	ł	1	ŀ	ŀ	ŀ	ŀ	ŀ
Date Sampled		MW-1	02/09/01	05/11/01	08/10/01	11/07/01	05/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	MW-2 08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04

Page 1 of 4

Page 2 of 4

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

2-Methyl- naph- thalene	(μg/l)		;	ł	ł		1	1	ŀ	ŀ	ı	ļ	ł	l	1	1	1	ŀ	f	1	ł	1	ND<4.0	ND<2.0	1	ND<2.0	1	ł
TOG	(mg/l)		i	ŀ	ŀ		ND	ND	7.0	ND	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.2	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	ND<1.0	ND<1.0	ND<1.0	1.2	ND<5.0	ND<2.0	ND<5.0	ND<5.0
Chromium	(hg/l)		;	+	1		Q N	1800	N	38	QN	ND<10	ND<10	110	37	700	340	74	480	280	130	27	6.1	1000	ND<5.0	ND<5.0	24	170
4-Methyl- phenol	(l/gn)		i	ł	i i		ł	ł	;	1	ł	ì	ł,	ł	ł	1	ł	ŀ	ŀ	!	1	ND<2.7	ND<4.0	ND<2.0	!	ND<2.0	}	ŀ
2-Methyl- phenol	(hg/l)		ł	}	ł		1	ł	1	1	1	1	1	1	ł	ł	ł	1	ł	ł	1	ND<2.7	ND<4.0	ND<2.0	1	ND<2.0	ŀ	ł
bis(2- Ethylhexyl) phthalate	(µg/l)		1	1	1		:	ł	ţ	į	1	ſ	Į	ľ	ł	ł	ŀ	ł	ł	ł	:	ND<14	ND<20	ND<10	i	ND<10	ŀ	i
Ethanol 8260B	(µg/l)		ND<50	ND<1000	ND<1000		ł	ł	ł	ŀ	ł	1	;	ł	1	ŀ	ŀ	ŀ	ŀ	ND<500	ND<500	ND<500	ND<50	ND<50	ND<50	ND<50	ND<1000	ND<1000
Indeno (1,2,3c,d)- pyrene	(hg/l)		ł	ı	ł		1	;	ŀ	1	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ł	ł	ł	i	ŀ	ND<2.7	ND<4.0	ND<2.0	ŀ	ND<2.0	ł	ŀ
Benzo (g,h,i)- perylene	(µg/l)		ŀ	ŀ	ı		:	ŀ	ŀ	ł	ŀ	ŀ	ł	ł	ŀ	ł	ł	ł	ł	}	ŀ	ND<2.7	ND<4.0	ND<2.0	ł	ND<2.0	ŀ	ŀ
DB(A,H)A	(µg/l)		ŀ	ł	ì		ŀ	:	1	1	1	ł	1	1	1	1	1	i	ł	ł	ł	ND<2.7	ND<4.0	ND<2.0	ŀ	ND<2.0	1	1
B(K)F Benzo(a) DB(A,H)A Pyrene	(µg/l)		ì	1	ŀ		ŀ	ŀ	ł	i	ŀ	ł	ı	ŀ	ì	1	ł	ŀ	ł	1	ł	ND<2.7	ND<4.0	ND<2.0	ŀ	ND<2.0	ŀ	ł
B(K)F	(µg/l)		1	ł	ł		1	ŀ	ł	ŀ	ł	}	ì	ŀ	ŀ	ł	1	1	ł	ŀ	ł	ND<2.7	ND<4.0	ND<2.0	ı	ND<2.0	ł	ŀ
B(B)F	(µg/I)	ontinued	:	ł	1		ł	ļ	I	ŀ	ł	1	I	ł	ŀ	ł	ŀ	ŀ	ł	ŀ	1	ND<2.7	ND<4.0	ND<2.0	1	ND<2.0	1	1
Date Sampled		MW-2 continued	03/25/05	06/22/05	09/26/05	MW-3	09/03/00	07/28/00	10/29/00	02/09/01	05/11/01	08/10/01	11/07/01	02/06/02	05/08/02	08/09/02	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

2-Methyl- naph- thalene	(µg/l)		1	ł	ł	i	f	ł	ł	ł	ł	ŀ		ł	;	1	ł	1	ł	1	1	ł	1	ł	ŀ		ł	;
TOG	(mg/l)		ł	1	ţ	ł	ł	ŀ	1	1	1	ŀ		1	1	1	1	1	ŀ	ì	ţ	ŀ	ł	ŀ	ļ		ł	ŀ
Chromium	(µg/I)		1	ł	ł	1	ŀ	ŀ	ł	ł	ì	ŀ		ł	}	ł	ŧ	ŀ	ŀ	ŀ	ŀ	1	1	1	ł		ł	1
2-Methyl- 4-Methyl- Chromium phenol phenol	(l/gn)		;	;	ţ	ŧ	ł	ł	ł	ŀ	ł	ŀ		ł	ì	ł	ł	ŀ	ŀ	ł	ŀ	1	;	1	1		!	l
2-Methyl- phenol	(µg/l)		ŀ	1	ŀ	ł	ŀ	ł	!	ŀ	ŀ	ł		ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ł	ŀ	ŀ	ŀ		ł	ł
bis(2- Ethylhexyl)	(l/gµ)		1	;	ŀ	1	ŀ	ł	ł	ŀ	ŀ	ŀ		ł	ŀ	ŀ	ŀ	ŀ	ł	ł	ŀ	ł	ł	ł	ŀ		1	ŀ
Ethanol 8260B	(µg/l)		ND<500	ND<500	ND<500	ND<500	ND<50	ND<50	ND<50	ND<50	ND<1000	ND<1000		ND<5000	ND<5000	ND<50000	ND<5000	ND<2500	ND<5000	ND<500	ND<250	ND<1000	ND<2500	ND<1000	ND<1000		ND<10000	ND<10000
Indeno (1,2,3c,d)-	(l/gµ)		ł	ŀ	1	ı	ı	1	1	1	ł	!		1	1	1	1	ł	ŀ	1	ł	ŀ	ŀ	ŀ	ŀ		ŀ	1
Benzo (g,h,i)-	(µg/l)		ł	ł	ł	ŀ	1	1	ţ	;	ł	1			;	1	1	ł	1	ŀ	1	1	ŀ	1	1		:	:
B(K)F Benzo(a) DB(A,H)A Pyrene	(l/gn)		ì	ŀ	ŀ	ł	1	;	;	;		ł		ł	;	;	;	ŀ	ł	ł	ŀ	}	ł	1.	. 1		ł	1
Benzo(a) Pyrene	(µg/l)		ł	ł	ļ	ł	ł	;	;	1	ł	ł		ł	ł	;	1	ŀ	ł	1	1	ŀ	;	ı	i		1	1
B(K)F	(µg/1)		1	ł	1	ł	1	ł	ł	ŀ	ŀ	1		ł	1	1	!	ł	1	ŀ	1	ł	ł	1	ł		ł	1
B(B)F	(µg/l)		ł	1	i	ł	ŀ	1	ŀ	ŀ	ŀ	ì		ı	ł	ł	ŀ	ì	ŀ	ŀ	ł	1	1	i	ŀ		:	¦
Date Sampled		MW-4	02/14/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	MW-5	11/26/02	02/14/03	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05	9-MW	11/26/02	02/14/03

Page 3 of 4

4625

Page 4 of 4

Table 3 f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

2-Methyl- naph- thalene			1	ł	ŀ	ŀ	ŀ	i	ł	ł	ŀ	
	(mg/l)		1	ì	ł	ł	ŀ	ł	ŀ	ł	ŀ	
Chromium	$(\mu g/l)$		1	;	ŀ	ļ	ŀ	ł	;	ŀ	1	1
4-Methyl- phenol	(l/gn)		:	ı	ŀ	I	;	ŀ	1	ŀ	ı	;
2-Methyl- phenol	(µg/l)		1	ŀ	ļ	ı	1	ı	1	ŀ	ı	!
bis(2- 2-Methyl- 4-Methyl- Chro Ethylhexyl) phenol phenol phthalate	(l/gµ)		1	ŀ	ŀ	1	:	ŀ	ŀ	ł	ŀ	;
Ethanol 8260B			ND<25000	ND<20000	ND<5000	ND<500	ND<250	ND<250	ND<50	ND<50	ND<1000	ND<1000
Indeno (1,2,3c,d)-	(µg/l)		ł	ł	ł	1	1	ł	1,	ļ	ı	;
Benzo (g,h,i)-			ı	ŀ	ŀ	!	!	ł	1	!	;	;
DB(A,H)A	(µg/l)		1	1	ŀ	;	;	1	ł	;	1	ł
Benzo(a) Pyrene	(µg/l)		1	:	:	ł	;	ł	ł	ŀ	1	}
B(K)F	(µg/l)		ł	1	1	ł	ŀ	ŀ	ł	ł	ł	ł
B(B)F	(µg/l)	ontinued	1	ŀ	ŀ	;	1	ł	;	1	i	1
Date B(B)F B(K)F Benzo(a) DB(A,H)A Sampled Pyrene	-	MW-6 cc	05/03/03	08/01/03	10/30/03	01/29/04	05/27/04	08/31/04	11/18/04	03/25/05	06/22/05	09/26/05

Page 1 of 1

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

			ı				
N-Nitroso-di-n-	propylamine	$(\mu g/1)$			ND<2.0	ND < 2.0	ND<2.0
4-Methyl	phenol	(µg/l)			ND<2.0	ND<2.0	ND<2.0
Bis(2-chloro-	isopropyl)ether	(µg/1)			ND<2.0	ND<2.0	ND<2.0
2-Methyl	phenol	(µg/1)			ND<2.0	ND<2.0	ND<2.0
1,2-Dichloro	benzene	(µg/l)			ND<2.0	ND<2.0	ND<2.0
Benzyi	alcohol	(µg/1)			ND<5.0	ND<2.0	ND<2.0
1,4-Dichloro	benzene	$(\mu g/1)$			ND<2.0	ND<2.0	ND<2.0
1,3-Dichloro	benzene	$(\mu g/1)$			ND<2.0	ND<2.0	ND<2.0
2-Chlorophenol		(µg/1)			ND<2.0	ND<2.0	ND<2.0
Date	Sampled			MW-3	03/25/05	06/22/05	09/26/05

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

Date	Hexachloro-	Nitrobenzene	Isophorone	2-Nitrophenol	2,4-Dimethyl-	Bis(2-chloro-	2,4-Dichloro-	1,2,4-Trichloro-	Naphthalene	4-Chloroaniline	Hexachloro-
Sampled	ethane				phenol	ethoxy) methane	phenol	benzene			butadiene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	$(\mu g/1)$	(µg/l)	(µg/I)	$(\mu g/l)$	(µg/I)	$(\mu g/l)$	$(\mu g/l)$
MW-3											
03/25/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
06/22/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/56/05	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND < 2.0

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

Date Sampled	4-Chloro-3- methylphenol	2-Methyl- naphthalene	Hexachloro- cyclopentadiene	2,4,6-Trichloro- phenol	2,4,5-Trichloro- phenol	2-Chloro- naphthalene	2-Nitroaniline	Dimethyl phthalate	Acenaph- thylene	3-Nitroaniline	Acenaphthene
	(l/gu)	(µg/l)			(µg/I)	(l/gn)	(l/g/l)	(µg/l)	(µg/I)	(µg/l)	(µg/1)
MW-3											
03/25/05	ND<5.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND < 10	ND<5.0	ND<2.0	ND<2.0	ND<2.0
06/22/05	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/26/05	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND < 2.0

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

N-Nitrosodi-	phenylamine	(µg/l)		ND<2.0	ND<2.0	ND<2.0
2-Methyl-4,6-	dinitrophenol	(µg/l)		ND < 10	ł	ND < 10
4-Nitroaniline		$(\mu g/I)$		ND < 10	ND<5.0	ND<5.0
Fluorene		(µg/l)		ND<2.0	ND<2.0	ND<2.0
4-Chlorophenyl	phenyl ether	(µg/l)		ND<5.0	ND<2.0	ND<2.0
Diethyl	phthalate	(l/g/l)		ND<5.0	ND<2.0	ND<2.0
2,6-Dinitro-	toluene	(µg/I)		ND<5.0	ND<2.0	ND<2.0
2,4-Dinitro-	toluene	(µg/l)		ND<2.0	ND<2.0	ND<2.0
Dibenzofuran		(µg/l)		ND<2.0	ND<2.0	ND<2.0
4-Nitrophenol		(µg/l)		ND < 10	ND<2.0	ND<2.0
2,4-Dinitro-	phenol	(µg/l)		ND < 10	ND < 10	ND < 10
Date	Sampled		MW-3	03/25/05	06/22/05	09/26/05

Page 1 of 1

				ADDU	Table 4e DDITIONAL ANALYTICAL RESULTS SVOCs by EPA Method 8270C 76 Station 4625	e 4e YTICAL RES Method 8270C on 4625	ULTS			
	4-Bromophenyi Hexachloro	Hexachloro-	Pentachloro-	Phenanthrene	Anthracene	Di-n-butyl	Fluoranthene	Pyrene	Butyl benzyl	3,3-Dichl
-	phenyl ether	benzene	phenol			phthalate			phthalate	benzidi

Benzo(a)-	nthracene	(ug/l)		<2.0	ND < 2.0	< 2.0
	anth	η)		N N	QN	Z
3,3-Dichloro-	benzidine	(µg/I)		ND<5.0	ND < 10	ND < 10
Butyl benzyl	phthalate	(µg/l)		ND<5.0	ND<2.0	ND<2.0
Pyrene		(µg/l)		ND<2.0	ND<2.0	ND<2.0
Fluoranthene		(µg/1)		ND<2.0	ND<2.0	ND<2.0
Di-n-butyl	phthalate	(µg/1)		ND<5.0	ND<2.0	ND<2.0
Anthracene		(µg/l)		ND<2.0	ND<2.0	ND<2.0
Phenanthrene		(µg/l)		ND<2.0	ND<2.0	ND<2.0
Pentachloro-	phenol	(µg/I)		ND < 10	ND < 10	ND < 10
Hexachloro-	benzene	(µg/l)		ND<2.0	ND<2.0	ND<2.0
4-Bromophenyi	phenyl ether	(ug/1)		ND<5.0	ND<2.0	ND<2.0
Date	Sampled		MW-3	03/25/05	06/22/05	09/26/05

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

Benzoic acid		(µg/l)		ND < 10	ND < 10	ND < 10
Benzo(g,h,i)-	perylene	(ug/I)		ND<2.0	ND<2.0	ND<2.0
Dibenzo(a,h)-	anthracene	(ug/l)		ND<2.0	ND<3.0	ND<3.0
Benzo(a)pyrene Indeno(1,2,3-c,d)-	pyrene	(µg/l)		ND<2.0	ND<2.0	ND<2.0
Benzo(a)pyrene		(µg/l)		ND<2.0	ND<2.0	ND<2.0
Benzo(k)-	fluoranthene	(µg/l)		ND<2.0	ND<2.0	ND<2.0
Benzo(b)-	fluoranthene	(µg/l)		ND < 2.0	ND<2.0	ND<2.0
Di-n-octyl	phthalate	(µg/l)		ND<5.0	ND<2.0	ND<2.0
Chrysene		$(\mu g/1)$		ND<2.0	ND<2.0	ND<2.0
bis(2-Ethylhexyl)	phthalate	(µg/1)		ND < 10	3.1	ND<5.0
Date	Sampled		MW-3	03/25/05	06/22/05	09/26/05

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

Phenol	Bis(2-chloro-	Aldrin	Aniline	Benzidine	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	4.4'-DDD
	ethyl) ether								
- 1	(µg/l)	(µg/l)	(µg/l)	(µg/1)	(µg/l)	(µg/l)	(µg/1)	(µg/l)	(µg/l)
	٠								
	ND<2.0	ŀ	1	ł	1	1	ŀ	1	ı
	ND<2.0	ND<2.0	ND<5.0	ND < 20	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
	ND<2.0	ND<2.0	ND<5.0	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND < 2.0

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

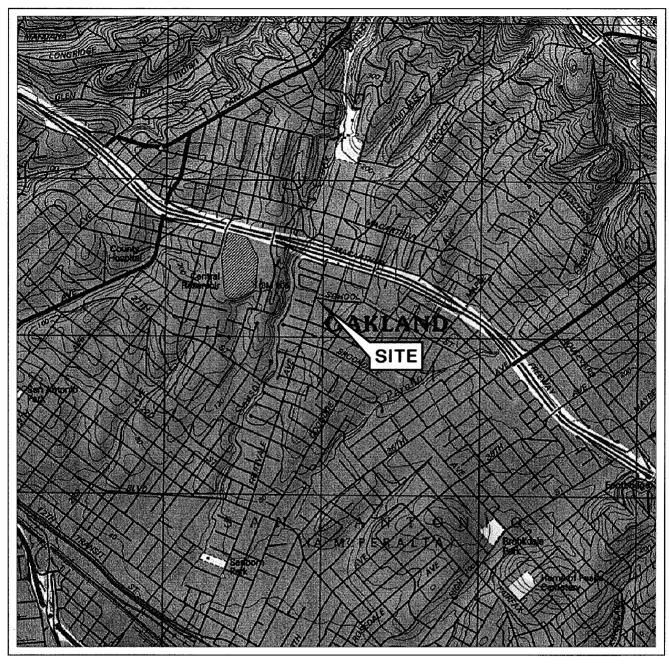
chyde Heptachlor	(µg/1)		ļ	0 ND<2.0	
Endrin aldehyde	(l/gn)		ł	ND < 10	
Endrin	(µg/I)		ı	ND<2.0	OC/UN
Endosulfan sulfate	(µg/l)		1	ND<3.0	ND / 2 0
Endosulfan II	(µg/I)		1	ND<10	ND / 10
Endosilfan I	(l/gn)		ı	ND < 10	ND / 10
1,2-Diphenyl hvdrazine	(l/gµ)		}	ND<2.0	0 C / CIN
Dieldrin	(l/gµ)		1	ND<3.0	ND < 3.0
4,4'-DDT	(l/gn)		1	ND<2.0	OC/UN
4,4'-DDE	(µg/l)		1	ND<3.0	ND<20
Date Sampled		MW-3	03/25/05	06/22/05	50/96/05

Page 1 of 1

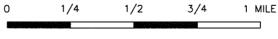
Table 4i ADDITIONAL ANALYTICAL RESULTS SVOCs by EPA Method 8270C 76 Station 4625

Date	Heptachlor	2-Naphthylamine N-Nitroso 2,4,5-Trichloro	N-Nitroso	2,4,5-Trichloro	
Sampled	epoxide		dimethylamine	phenol	
	(µg/I)	$(\mu g/1)$	(µg/l)	$(\mu g/1)$	
MW-3					
03/25/05	ł	1	ı	ł	
06/22/05	ND<2.0	ND<20	ND<2.0	ND<5.0	
09/26/05	ND<2.0	ND < 20	ND<2.0	ND < 5.0	

FIGURES







SCALE 1: 24,000

SOURCE:

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

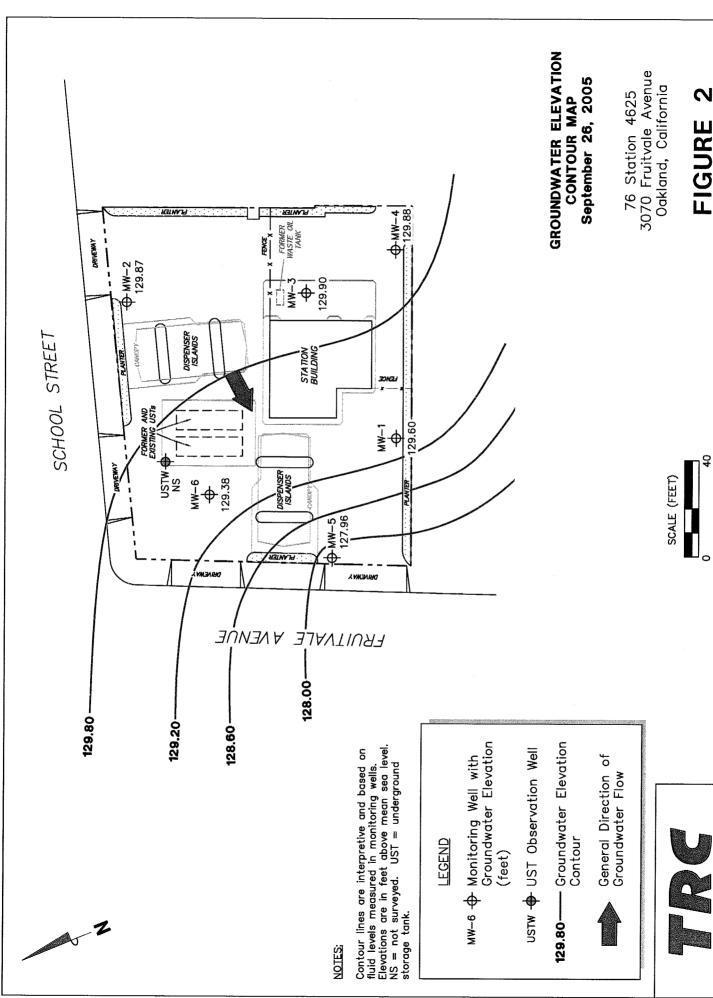




VICINITY MAP

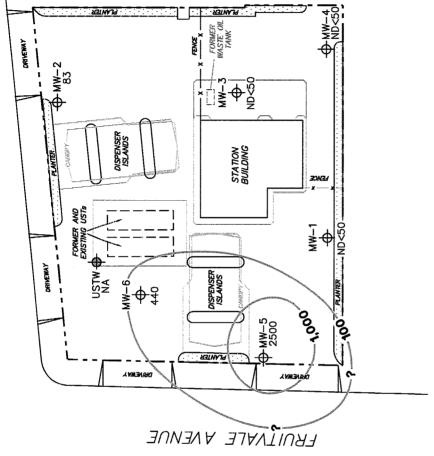
76 Station 4625 3070 Fruitvale Avenue Oakland, California

FIGURE 1



SCHOOL STREET

J



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.

мм-6 + Monitoring Well with Dissolved-Phase TPPH

LEGEND

Concentration (µg/l)

USTW + UST Observation Well

Dissolved-Phase TPPH

Contour (µg/l)

1,000

laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons.

Contour lines are interpretive and based on

DISSOLVED-PHASE TPPH CONCENTRATION MAP September 26, 2005

76 Station 4625 3070 Fruitvale Avenue Oakland, California

(7) FIGURE

SCALE (FEET)



DRIVENAY

SCHOOL STREET

MW-2 0.56

FORMER AND EXISTING USTS

DRIVEWAY

DISPENSER

фг

NOTES:

laboratory analysis results of groundwater samples. $\mu g/l = micrograms$ per liter. ND = not detected 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. Contour lines are interpretive and based on

Ф-WW-4

30N3±

-ND<0.50 ₩<u>₩</u>-1

FORWER WASTE OIL TANK ENGE.

₩<u></u>

STA TION BUILDING

PMM-5 8

. AVMBARKO

DISPENSER ISLANDS

PLANTER

FRUITVALE AVENUE

ww−6 ← Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

USTW + UST Observation Well

Dissolved-Phase Benzene Contour (µg/l) ġ



DISSOLVED-PHASE BENZENE CONCENTRATION MAP September 26, 2005

76 Station 4625 3070 Fruitvale Avenue Oakland, California

4 FIGURE

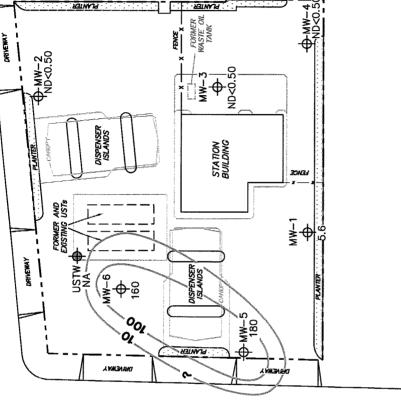
LEGEND



2005 - 2:07pm mesten L: \Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Oct 26,

2

SCHOOL STREET



FRUITVALE AVENUE

Results obtained

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.

MW-6 + Monitoring Well with Dissolved-Phase MTBE

EGEND

Concentration (µg/l)

Dissolved-Phase MTBE

Contour (µg/l)

100

USTW ← UST Observation Well

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether.

NOTES:

DISSOLVED-PHASE MTBE CONCENTRATION MAP September 26, 2005

76 Station 4625 3070 Fruitvale Avenue Oakland, California

S FIGURE



2005 – 2:08pm mesten L: \Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-4000\4625+\4625-QMS.DWG Oct 26,

GRAPHS

Mar-05 Sep-04 Feb-04 Aug-03 Jan-03 **Time** Jul-02 Dec-01May-01 Nov-00Apr-00120.00 Groundwater Elevation (feet)

130.00

125.00 135.00

—— MW-2 —— MW-3 —×— MW-4

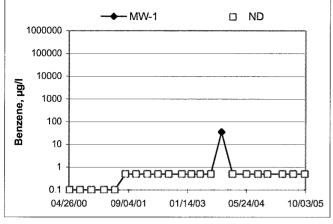
→ MW-1

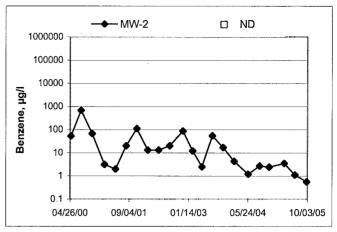
Groundwater Elevations vs. Time 76 Station 4625

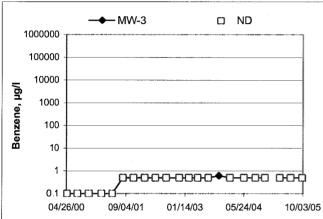
Mar-05 Sep-04 Feb-04 Aug-03 Jan-03 Time Jul-02 Dec-01May-01 Nov-00Apr-00120.00 Groundwater Elevation (feet)
130.00
125.00 135.00

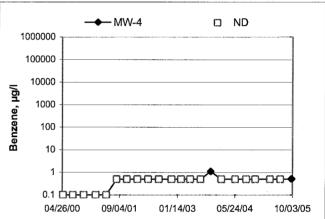
Groundwater Elevations vs. Time 76 Station 4625

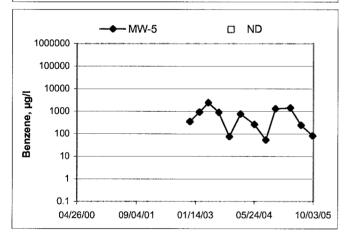
Benzene Concentrations vs Time 76 Station 4625

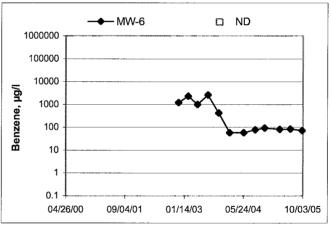












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

1/5/04 version

FIELD MONITORING DATA SHEET

 Technician: Dit R. Job #/Task #: 105000 FA20
 Date: 09/26/05

 Site # 1629
 Project Manager A. Collins
 Page 1 of 1

				Depth	Depth	Product		
	Time		Total	to	to	Thickness	Time	Misc. Well Notes
Well#	Gauged	TOC	Depth	Water	Product	(feet)	Sampled	
USTW.	0715	•	15:18					6" M/O
MW-	0727	/	24.85	7.97			1029	2``
	0904	V	2492	8.99			0943	2"
MW-4	0908	\checkmark	24.40	7.93			0959	2.,
MW-2	0733		24.95	9.98			1012	2``
	0740	V	23,42	9,50			1040	a``
	0745		24.35		-		1051	a``
1730								

	<u> </u>				 			
			<u> </u>					
				<u> </u>	<u> </u>			
						ļ		
FIELD DAT	A COMPL	ETE	QA/QC	<u> </u>	coc	W	ELL BOX C	ONDITION SHEETS
	V		<u> </u>					<u> </u>
WTT CERT	IFICATE		MANIFE	ST	DRUM IN	VENTORY	TRA	FFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Site: 4625 Project No.: 41050001 Date: 09/26/05

Well No.: 40-1 Purge Method DIA

Depth to Water (feet): 7.97 Depth to Product (feet): 6

Total Depth (feet): 24.85 LPH & Water Recovered (gallons): 6

Water Column (feet): 16.88 Casing Diameter (Inches): 21

1 Well Volume (gallons): 3

Time ∴Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc- tivity (uS/cm)	Temperature	рН	Turbidity	D.O.
0833			3	876	19.2	7.01		
000-			6	788	1.05	6.98		
	N836		9	900	20.0	7.14		
Stat	ic at Time Sam	npled	T	otal Gallons Pu	ırged		Time Samp	led
10.	43		9			102	₹	
Comments:								

Well No: MW-2
Depth to Water (feet): 9.98
Total Depth (feet): 24,95
Water Column (feet): 14,97
80% Recharge Depth (feet): 12.97

Time	Time	- Depth	Volume	Conduc-	Temperature		***************************************	
Start	Stop	To Water	Purged	tivity	-	ρН	Turbidity	D.O.
		(feet)	(gallons)	(uS/cm)	(F(C)			
0842			2	516	20.1	6.89		
			4	408	20.9	6.71	4	
	0844		6	LIDE	21.3	6.66		:
Sta	tic at Time San	npled	Т.	otal Gallons Pu	ıtâeq		Time Samp	led
11	.04_		6			1 (212	
Comments:								
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1								

GROUNDWATER SAMPLING FIELD NOTES

		T	echnician:	Rick so	2 -		,	
Site: 4162	25	F	Project No.:	410500	01	Ð	ate: <u>09/2</u>	0/09
Well No : M				Purge Method.			- Parket Barbara - Park T	
Well No.: Depth to Water	(1001) 8 9	9			uct (feet):			
Depth to Water Total Depth (fee	11 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1)		LPH & Water F	Recovered (gallo	ons): 6		
Mafer Column ((fact): 15.6	93		Casing Diame	ter (Inches): 2	<u> </u>	and the same of th	
80% Recharge	Denth (feet)	12.20			e (gallons): 3			
0078 recordings	ochii (isayi_							
Time	Time	Depth	Volume	Conduc- tivity	Temperature	рΗ	Turbidity	D.O.
Start	Stop	To Water (feet)	Purged (gallons)	(uS/cm)	(F, C)			
0001			3	399	21.1	6.80		
000				316	20.6	7,09		
	1000		6	435	20.8	6.92		
	0929		9	1433	20.6	10,10		
					<u> </u>	-		
						1	Time Comple	d
Statio	c at Time Sam	pled	Q T	otal Gallons Pu	ırged	09	Time Sample	0
7.1	<u>U</u> 1			<u></u>				
Comments:								
	n est e n man i man i m							
							والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة والمراجعة	
					~. 4			
Well No.:		20		·	d DIA			
Depth to Wate			-		duct (feet):			
Total Depth (fe	eet): <u>고니.</u> 니	10			r Recovered (ga			
Water Column	(feet) 10	11 70	•	Casing Diam	eter (Inches):			
80% Recharge	e Depth (feet):	11.22		1 Well Volun	ne (gallons): 3)	-	<i></i> "
Time	Time	- Depth	Volume	Conduc-	Temperature	:		
Start	Stop	To Water	Purged	tivîty		рН	Turbidity	D.O.
		(feet)	(gallons)	(uS/cm)	(F (C)	1		- Company of the second Administration of the Confession of the Co
0934			3_	738	19.0	17,41		
		Value of the state	6	738	19.1	7.50)	
	1997		9	744	18,7	7.58		,
	10101	<u> </u>	1					
	1		1				1	
	tic at Time Sa	moled		Total Gallons I	Puraed		Time Samp	J iled
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1-1-1-	12	_1					and the second s	
Comments:				And the second s	**************************************		nghaladi Sirilah Pahah Albariah sagam abadisah kaperi Pr	,

GROUNDWATER SAMPLING FIELD NOTES

		T	echnician:	Zich S	<u> </u>			. ,
Site: 4	629	F	Project No.:	41050	2001	D	ate: <u>109</u> /	26/05
Well No.:	1W-6		ŧ	Purge Method:	<u> D)A</u>			
Depth to Water	(feet). 9	50			uct (feet):			
Total Depth (fee	23,4	12	•	LPH & Water F	Recovered (gallo	ons): O		
Water Column	(feet): \3	.92	+	Casing Diamel	ter (Inches):		 ,	м.
80% Recharge	Depth (feet):	12.29			gallons):			
00 % (14 a a managa)								
Time	Time	Depth	Volume	Conduc- tivity	Temperature	рН	Turbidity	D.O.
Start	Stop	To Water (feet)	Purged (gallons)	(uS/cm)	(F <i>(</i> C)			
00119			2	1-01	20.5	6.89		
C07 1			$-\ddot{\Delta}$	(-11	211	690		
				611	α			
	<u>0851</u>		<u> </u>	430	20.9	6.98		
						<u> </u>		
	c at Time Sam	pled	Ţo	otal Gallons Pu	ırged	<u> </u>	Time Sample	:d
0	1.89		_6	<u></u>			1010	
Comments:								
	.4							
Well No.:	MW-S			Purge Metho	d: DIA		Printed discourances to since and spe-	
Depth to Wate	er (feet): 9	+0	=	•	duct (feet): 赶		_	
Total Depth (fe	eet): 24.	39			Recovered (ga		The state of the s	
Water Column	(feet): 14	165		Casing Diam	eter (Inches):	2``	Mary Market C 4 4 14 74	
80% Recharge	e Depth (feet):	12.63		1 Well Volum	ne (gallons):	<u> </u>		J ^a r
			T	T	T		T	
Time Start	Time Stop	Depth To Water	Volume Purged	Conduc- tivity	Temperature	pН	Turbidity	D.O.
Otalit	Glop	(feet)	(gallons)	(uS/cm)	(F.C)		,	
0856			12	727	20.1	6.91		
10000			11	550	1212	6.83		
	0010		17	000	1212	1 .	£ .	<u>;</u>
	0858	<u> </u>	6	1940	20.8	6.83	7	
	<u> </u>				-			
Sta	tic at Time Sar	πpled	1	Total Gallons F	ourged	1	Time Samp	oled
10	.10	<u> </u>	6			109) (
Comments:					~		angunan jaki paramanili sasah da paraman jaki pali	
	-							



Date of Report: 10/05/2005

Anju Farfan

TRC Alton Geoscience

21 Technology Drive Irvine, CA 92618-2302

RE: 4625

BC Lab Number: 0509535

Enclosed are the results of analyses for samples received by the laboratory on 09/26/05 21:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Surratt

Client Service Rep

Authorized Signature

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

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

Reported: 10/05/05 09:07

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	tion		
0509535-01	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 4625 MW-1 MW-1 Rick R. of TRCI	Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 10:29 Sample Depth: Sample Matrix: Water	Delivery Work Order (LabW: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0509535-02	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 4625 MW-3 MW-3 Rick R. of TRCI	Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 09:43 Sample Depth: Sample Matrix: Water	Delivery Work Order (LabW: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0509535-03	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 4625 MW-4 MW-4 Rick R. of TRCI	Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 09:59 Sample Depth: Sample Matrix: Water	Delivery Work Order (LabW: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0509535-04	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 4625 MW-2 MW-2 Rick R. of TRCI	Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 10:12 Sample Depth: Sample Matrix: Water	Delivery Work Order (LabW: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:
0509535-05	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 4625 MW-6 MW-6 Rick R. of TRCI	Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 10:40 Sample Depth: Sample Matrix: Water	Delivery Work Order (LabW: Global ID: T0600102156 Matrix: W Samle QC Type (SACode): CS Cooler ID:



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

Reported: 10/05/05 09:07

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0509535-06 COC Number: ---

Project Number: 4625
Sampling Location: MW-5
Sampling Point: MW-5

Sampled By: Rick R. of TRCI

Receive Date: 09/26/05 21:30 Sampling Date: 09/26/05 10:51

Sample Depth: ---Sample Matrix: Water

30 Delivery Work Order (LabW:51 Global ID: T0600102156Matrix: W

Samle QC Type (SACode): CS Cooler ID:

BC Laboratories



TRC Alton Geoscience

Project Number: [none] Project: 4625

Reported: 10/05/05 09:07

Project Manager: Anju Farfan 21 Technology Drive Irvine CA, 92618-2302

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509535-01		ple Nam	Client Sample Name: 4625, MW-1, MW-1, 9/26/2005 10:29:00AM, Rick R.	1, MW-1, 9/2	26/2005 10	7:29:00AM, Ric	X					
					Prep	Run		Instru-		၁ဇ	MB	Lab
Constituent	Result	Units	PQL	MDL Method	d Date	Date/Time	Analyst	Analyst ment ID Dilution	Dilution	Batch ID	Bias	Quals
Benzene	QN	ng/L	0.50	EPA-826	09/29/05	EPA-8260 09/29/05 09/30/05 03:56 MGC	MGC	MS-V5	_	BO11186	ON	
Ethylbenzene	QN	ng/L	0:50	EPA-8260	0 09/29/05	09/29/05 09/30/05 03:56	MGC	MS-V5	-	BO11186	S.	
Methyl t-butyl ether	5.6	ng/L	0:50	EPA-8260	0 09/29/05	09/29/05 09/30/05 03:56	MGC	MS-V5	-	BOI1186	2	
Toluene	QN	ug/L	0.50	EPA-8260	0 09/29/05	09/29/05 09/30/05 03:56	MGC	MS-V5	-	BOI1186	Q	
Total Xylenes	Q	ng/L	1.0	EPA-826	0 09/29/05	EPA-8260 09/29/05 09/30/05 03:56	MGC	MS-V5	-	BOI1186	Q.	
Ethanol	QN	ug/L	1000	EPA-826	0 09/29/05	EPA-8260 09/29/05 09/30/05 03:56	MGC	MS-V5	-	BO11186	Q.	
Total Purgeable Petroleum Hydrocarbons	QN	ng/L	50	EPA-826	09/29/05	EPA-8260 09/29/05 09/30/05 03:56	MGC	MS-V5	_	BOI1186	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	JCL) EPA-8260		09/29/05 09/30/05 03:56	MGC	MS-V5	_	BO11186		PROPERTY PROPERTY PROPERTY PARTY AND THE ACCOUNTS AND THE
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	JCL) EPA-8260		09/29/05 09/30/05 03:56	MGC	MS-V5	-	BOI1186		NO A MIN - COMPANIENT AND A STATE FRANCISCO CONTRACTORS
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - L	JCL) EPA-826	30 09/29/05	(LCL - UCL) EPA-8260 09/29/05 09/30/05 03:56	MGC	MS-V5	-	BOI1186		



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

Project Number: [none] Project: 4625

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8240)

Project Manager: Anju Farfan

BCL Sample ID: 0509535-02	Client Sample Name:	ole Name:	4625, 1	MW-3, M	MW-3, MW-3, 9/26/2005	ı	9:43:00AM, Rick R.	8.					
						Prep	Run		Instru-		၁ဗ	MB	Lab
Constituent	Result	Units	Pal	MDL	Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Benzene	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q	
Bromodichloromethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	S	A CANALAN AND AND AND AND AND AND AND AND AND A
Bromoform	QN	T/6n	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	ND	And the state of t
Bromomethane	ON	ng/L	1.0		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	ND	V11
Carbon tetrachloride	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q	THE PERSON NAMED IN THE PE
Chlorobenzene	QN	ng/L	0.50		EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q.	
Chloroethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	
Chloroform	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q.	
Chloromethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	ND Q	
Dibromochloromethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	A DESCRIPTION OF THE PROPERTY
1,2-Dichlorobenzene	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q.	
1,3-Dichlorobenzene	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	S	Approximation of the control of the
1,4-Dichlorobenzene	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	_	BO11186	2	
1,1-Dichloroethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	S	
1,2-Dichloroethane	QN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	Q.	
1,1-Dichloroethene	ΩN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	ND	
trans-1,2-Dichloroethene	ΩN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	
1,2-Dichloropropane	ΩN	ng/L	0.50		EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	N Q	
cis-1,3-Dichloropropene	ON	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	Q.	
trans-1,3-Dichloropropene	ΩN	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	Q.	
Ethylbenzene	N	ng/L	0.50		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	9	
Methylene chloride	ND	ng/L	1.0		EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	0.31	
Methyl t-butyl ether	ON	ng/L	0.50		EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	+	BO11186	Q.	

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TRC Alton Geoscience

21 Technology Drive Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8240)

BCL Sample ID:	0509535-02	Client Sample Name:	ole Nam	4625	MW-3 9/26	/2005 9	MW-3 MW-3 9/26/2005 9:43:00AM Rick R	8					
1						Prep	Run		Instru-		ဘွ	MB	Lab
Constituent		Result	Units	PQL MDL	Method	Date	Date/Time	Analyst	Analyst ment ID	Dilution	Batch ID	Bias	Quals
1,1,2,2-Tetrachloroethane	ane	QN	ng/L	0.50	EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BOI1186	N Q	
Tetrachloroethene		ND	ng/L	0.50	EPA-8240	09/29/05	09/30/05 04:29	MGC	MS-V5	-	BO11186	2	
Toluene		QN	ng/L	0.50	EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	S	
1,1,1-Trichloroethane		QN	ng/L	0.50	EPA-8240	09/29/05	EPA-8240 09/29/05 09/30/05 04:29	MGC	MS-V5	1	BOI1186	9	
1,1,2-Trichloroethane		ND	ng/L	0.50	EPA-8240	09/29/05	EPA-8240 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q.	
Trichloroethene		QN	ng/L	0.50	EPA-8240	i	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	ND ND	
Trichlorofluoromethane	0	ND	ng/L	0.50	EPA-8240	1	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	Q.	
1,1,2-Trichloro-1,2,2-trifluoroethane	ifluoroethane	ND	ng/L	0.50	EPA-8240	4	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	S	
Vinyl chloride		ND	ng/L	0.50	EPA-8240		09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	S	
Total Xylenes		S	ng/L	1.0	EPA-8240		09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q	
p- & m-Xylenes		QN	ng/L	0.50	EPA-8240	09/29/05	EPA-8240 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	Q.	
o-Xylene		Q	ng/L	0.50	EPA-8240	09/29/05	EPA-8240 09/29/05 09/30/05 04:29	MGC	MS-V5	1	BOI1186	QN	
1,2-Dichloroethane-d4 (Surrogate)	(Surrogate)	110	%	76 - 114 (LCL - UCL)) EPA-8240	1	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186		
Toluene-d8 (Surrogate)	(91.0	%	88 - 110 (LCL - UCL)) EPA-8240	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	1	BO11186		
4-Bromofluorobenzene (Surrogate)	(Surrogate)	101	%	86 - 115 (LCL - UCL)	.) EPA-8240		09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186		



TRC Alton Geoscience 21 Technology Drive

Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509535-02 Client Sample Name: 4625,	0509535-02	Client Sam	ole Nam	e: 4625, MN	W-3, M	W-3, 9/26/	2005 9:	MW-3, MW-3, 9/26/2005 9:43:00AM, Rick R.	R.					
							Prep	Run		Instru-		သွ	MB	Lab
Constituent		Result	Units	Pal	MDL	MDL Method	Date	Date/Time	Analyst	Analyst ment ID Dilution	Dilution	Batch ID	Bias	Quals
Benzene		QN	ng/L	0:20		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 04:29 MGC	MGC	MS-V5	1	BOI1186	QN	
Ethylbenzene		S	ng/L	0.50		EPA-8260	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	
Methyl t-butyl ether		ND	ng/L	0.50		EPA-8260	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	S	
Toluene		ND	ng/L	0.50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	
Total Xylenes		S	ng/L	1.0		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186	9	
Ethanol		ND	ng/L	1000		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 04:29 MGC	MGC	MS-V5	-	BO11186	<u>Q</u>	
Total Purgeable Petroleum Hydrocarbons	leum	QN	ng/L	50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	S	
1,2-Dichloroethane-d4 (Surrogate)	(Surrogate)	110	%	76 - 114 (LCL	NCL)	EPA-8260	09/29/05	LCL - UCL) EPA-8260 09/29/05 09/30/05 04:29	MGC	MS-V5	-	BOI1186		
Toluene-d8 (Surrogate)	(6)	91.0	%	88 - 110 (LCL	CCL - UCL)	EPA-8260	09/29/05	09/29/05 09/30/05 04:29	MGC	MS-V5	-	BO11186	:	
4-Bromofluorobenzene (Surrogate)	e (Surrogate)	101	%	86 - 115 (LCL	UCL)	EPA-8260	09/29/05	LCL - UCL) EPA-8260 09/29/05 09/30/05 04:29	MGC	MS-V5	_	BOI1186		



TRC Alton Geoscience 21 Technology Drive

Irvine CA, 92618-2302

Project: 4625

Project Number: [none] Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

BCI Sample ID: 0509535-02	Client Sample Name.	ome Name.	4625 N	MV-3 M	4625 MW-3 MW-3 9/26/2005		9.43.00AM Rick R	2					
		201101	. (2)	5	2	-10	Run, T.		Instru-		၁ဝ	MB	Lab
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Acenaphthene	QN	ng/L	2.0		EPA-8270C 09/28/05	11	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	ON	TO THE RESIDENCE TO THE PROPERTY OF THE PROPER
Acenaphthylene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q.	
Aldrin	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	QN Q	
Aniline	ON	ng/L	5.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	QN Q	V11
Anthracene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Benzidine	QN	ng/L	20		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q.	V11
Benzo[a]anthracene	ON	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Benzo[b]fluoranthene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	V11
Benzo[k]fluoranthene	QN	ng/L	2.0		EPA-8270C 09	9/28/05 (EPA-8270C 09/28/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	ND	Annual description of the control of
Benzo[a]pyrene	Q	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N O	
Benzo[g,h,i]perylene	N	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	ND	
Benzoic acid	QN	ng/L	10		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	ND	or White is organizated and the characteristic of the characterist
Benzyl alcohol	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	QN	
Benzyl butyl phthalate	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N O	
alpha-BHC	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	9	
beta-BHC	ΩN	ng/L	2.0		EPA-8270C 09/28/05	9/28/05 (09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ð	O'MINISTER STREET, STR
delta-BHC	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ð	NA CONTROL PROPERTY OF THE PARTY
gamma-BHC (Lindane)	ΩN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ð	
bis(2-Chloroethoxy)methane	ΩN	ng/L	2.0		EPA-8270C 09	09/28/05 (09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S S	
bis(2-Chloroethyl) ether	ND	ng/L	2.0		EPA-8270C 09/28/05	t .	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	V11
bis(2-Chloroisopropyl)ether	ND	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S.	With production and an advantage of the second
bis(2-Ethylhexyl)phthalate	ON	ng/L	5.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	2.5	M03
4-Bromophenyl phenyl ether	ΩN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S	

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Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

BCL Sample ID: 0509535-02	Client Sample Name:	ple Name:	4625, N	AW-3, M	W-3, 9/26/20	05 9:4	MW-3, MW-3, 9/26/2005 9:43:00AM, Rick R	<u>م</u>					
					5	Prep	Run		Instru-		၁ဇ	MB	Lab
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
4-Chloroaniline	QN	ug/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	2	
2-Chloronaphthalene	S	ug/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	2	
4-Chlorophenyl phenyl ether	Q.	ug/L	2.0		EPA-8270C 09	09/28/05	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Chrysene	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
4,4'-DDD	QN	ug/L	2.0		EPA-8270C 09	09/28/05	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	
4,4'-DDE	QN	ng/L	3.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
4,4'-DDT	QN	ug/L	2.0		EPA-8270C 09/28/05	(09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	We consider the control of the contr
Dibenzo[a,h]anthracene	QN	ng/L	3.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Dibenzofuran	9	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q.	
1,2-Dichlorobenzene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q.	Account of the Control of the Contro
1,3-Dichlorobenzene	QN.	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	<u>S</u>	
1,4-Dichlorobenzene	ND	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	<u>Q</u>	
3,3-Dichlorobenzidine	QN	ng/L	10		EPA-8270C 09/28/05	i	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q.	V11
Dieldrin	Q.	ng/L	3.0		EPA-8270C 09/28/05	ł	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	S	
Diethyl phthalate	9	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	QN	
Dimethyl phthalate	N N	ug/L	2.0		EPA-8270C 09/28/05	i	09/30/05 13:01	SKC	MS-B1	0.98	BO11246	S S	
Di-n-butyl phthalate	ΩN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	PARTY LABOR SERVICE CONTRACTOR
2,4-Dinitrotoluene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N N	
2,6-Dinitrotoluene	ΩN	ng/L	2.0		EPA-8270C 09	09/28/05	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	
Di-n-octyl phthalate	Q.	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
1,2-Diphenylhydrazine	ΩN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N N	
Endosulfan I	ON	ng/L	10		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Endosulfan II	ND	ng/L	10		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	ND	
The second secon													

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Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

BCL Sample ID: 0509535-02	Client Sample Name:	ple Name:	4625, I	MW-3, M	MW-3, MW-3, 9/26/2005		9:43:00AM, Rick R	اح. اح					
				:		Prep	Run		Instru-		ညွ	MB	Lab
Constituent	Result	Units	PQL	MDL	Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Endosulfan sulfate	QN	ng/L	3.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Endrin	ΩN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S	
Endrin aldehyde	QN	ug/L	10		EPA-8270C 09/28/05	i	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Fluoranthene	Q	ng/L	2.0		EPA-8270C 09/28/05	!	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S	
Fluorene	Q	ug/L	2.0		EPA-8270C 09	09/28/05 (09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	9	
Heptachlor	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	
Heptachlor epoxide	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S	
Hexachlorobenzene	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Hexachlorobutadiene	QN	ng/L	2.0		EPA-8270C 09/28/05	9/28/05 (09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Hexachlorocyclopentadiene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	2	
Hexachloroethane	ON	ug/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	9	
Indeno[1,2,3-cd]pyrene	Q	ng/L	2.0		EPA-8270C 09/28/05	ł	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S	
Isophorone	QN	ug/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	9	
2-Methylnaphthalene	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Naphthalene	QN	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
2-Naphthylamine	ON	ng/L	20		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	C02
2-Nitroaniline	ΩN	ug/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S.	
3-Nitroaniline	QN	ng/L	2.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
4-Nitroaniline	ΩN	ng/L	5.0		EPA-8270C 09/28/05	1	09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	V11
Nitrobenzene	ND	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	A THE RESIDENCE OF THE PERSON
N-Nitrosodimethylamine	ND	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BO11246	Q	C02
N-Nitrosodi-N-propylamine	ND	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S S	
N-Nitrosodiphenylamine	Q	ng/L	2.0		EPA-8270C 09/28/05		09/30/05 13:01	SKC	MS-B1	96.0	BOI1246	S	

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Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

BCL Sample ID: 0509535-02	Client Sample Name:	ole Name	4625.	MW-3. MW-3. 9/26/2005 9:43:00AM. Rick R.	9:43:00AM. Rich	8					
				Prep	Run		Instru-		OC OC	MB	Lab
Constituent	Result	Units	PQL MDL	Method Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Phenanthrene	QN	ug/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	g	
Pyrene	g	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	9	
1,2,4-Trichlorobenzene	S	ug/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
4-Chloro-3-methylphenol	9	ng/L	5.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	ΩN	AND THE PERSON NAMED IN TH
2-Chlorophenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	ND	
2,4-Dichlorophenol	Q	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N _O	
2,4-Dimethylphenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
4,6-Dinitro-2-methylphenol	QN	ng/L	10	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	V11
2,4-Dinitrophenol	Q	ng/L	10	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ω	
2-Methylphenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	S S	
3- & 4-Methylphenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
2-Nitrophenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	N Q	
4-Nitrophenol	9	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Pentachlorophenol	Q	ng/L	10	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	
Phenol	QN	ng/L	2.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ω	
2,4,5-Trichlorophenol	QN	ng/L	5.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Ω	
2,4,6-Trichlorophenol	QN	ng/L	5.0	EPA-8270C 09/28/05	05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246	Q.	WHIT VALUE (ALCO LUCALITY AND A COLUMN AND A
2-Fluorophenol (Surrogate)	0.499	%	22 - 83 (LCL - UCL)	EPA-8270C 09/28/05	/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		A14
Phenol-d5 (Surrogate)	0.533	%	12 - 69 (LCL - UCL)	EPA-8270C 09/28/05	/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		A14
Nitrobenzene-d5 (Surrogate)	90.5	%	52 - 115 (LCL - UCL)	EPA-8270C 09/28/05	/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		
2-Fluorobiphenyl (Surrogate)	89.0	%	40 - 109 (LCL - UCL)	EPA-8270C 09/28/05	/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		
2,4,6-Tribromophenol (Surrogate)	7.82	%	54 - 126 (LCL - UCL)	EPA-8270C	09/28/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		A14
p-Terphenyl-d14 (Surrogate)	82.0	%	54 - 112 (LCL - UCL)	ļ	EPA-8270C 09/28/05 09/30/05 13:01	SKC	MS-B1	0.98	BOI1246		

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

Reported: 10/05/05 09:07

Total Petroleum Hydrocarbons

	00 -0-0													
BCL Sample ID: 0509535-02 Client Sample Name: 4625,	0509535-02	Client Sam	ole Nam		1W-3, M	W-3, 9/26/.	2005 9:	MW-3, MW-3, 9/26/2005 9:43:00AM, Rick R.	አ ኢ					
							Prep	Run		Instru-		ညွ	MB	Lab
Constituent		Result Units PQL	Units	PQL	MDL	MDL Method	Date	Date/Time Analyst ment ID Dilution	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Diesel Range Organics (C12 - C24)	s (C12 - C24)	QN	ng/L	200		Luft/TPHd	09/30/02	Luft/TPHd 09/30/05 09/30/05 17:36 VTR GC-13A	VTR	GC-13A	-	BOI1243	ON	
Tetracosane (Surrogate)	(e,	67.5	%	% 32 - 140 (LC	C - OCL)	Luft/TPHd	09/30/02	(LCL - UCL) Luft/TPHd 09/30/05 09/30/05 17:36 VTR GC-13A	VTR	GC-13A	_	BOI1243		Made, independent of calculations of a calculation of the calculation



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

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

Reported: 10/05/05 09:07

EPA Method 1664

BCL Sample ID: 0509535-02 Client Sample Name: 4625,	0509535-02	Client Samp	le Name:		1W-3, M	MW-3, MW-3, 9/26/2005 9:43:00AM, Rick R.	005 9:4	13:00AM, R	ick R.					
							Prep	Run		Instru-		၁ဗ	MB	Lab
Constituent		Result	Units	PQL	MDL	MDL Method	Date	Date/Time	Date/Time Analyst ment ID Dilution Batch ID	ment ID	Dilution	Batch ID	Bias	Quals
Oil and Grease		ND	mg/L	5.0		EPA-1664H	09/29/05	EPA-1664H 09/29/05 09/30/05 13:30 JAK MAN-SV	0 JAK	MAN-SV	-	BOI1237	0.65	



Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Water Analysis (Metals)

				1										
BCL Sample ID: 0509535-02 Client Sample Name: 4625,	0509535-02	Client Samp	ole Name:		//W-3, M	IW-3, 9/26/2	005 9:4	MW-3, MW-3, 9/26/2005 9:43:00AM, Rick R.	곲.					
							Prep	Run		Instru-		ညွ	MB	Lab
Constituent		Result	Units PQL	Pal	MDL	MDL Method	Date	Date/Time	Analyst	Analyst ment ID Dilution	Dilution	Batch ID	Bias	Quals
Total Chromium		170	ng/L	10		EPA-6010B	09/29/05	EPA-6010B 09/29/05 09/30/05 19:03 ARD	ARD	PE-OP2	_	BOI1194	1.2	



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Irvine CA, 92618-2302

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

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509535-03	0509535-03	Client Sample Name: 4625,	ole Nam		V-4, M	N-4, 9/26/	2005 9:	MW-4, MW-4, 9/26/2005 9:59:00AM, Rick R.	R.					
							Prep	Run		Instru-		သွ	MB	Lab
Constituent		Result	Units	PQL	MDL	MDL Method	Date	Date/Time	Analyst	Analyst ment ID Dilution	Dilution	Batch ID	Bias	Quals
Benzene		0.51	ng/L	0:20		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	-	BO11186	QN	
Ethylbenzene		0.53	ng/L	0.50		EPA-8260	09/29/05	09/29/05 09/30/05 05:02	MGC	MS-V5	-	BO11186	S	
Methyl t-butyl ether		QN	ng/L	0.50		EPA-8260	09/29/05	09/29/05 09/30/05 05:02	MGC	MS-V5	-	BO11186	QN	
Toluene		ND	ug/L	0.50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	-	BOI1186	N	
Total Xylenes		2.3	ng/L	1.0		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	-	BOI1186	g	
Ethanol		ND	ng/L	1000		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	-	BO11186	Q.	
Total Purgeable Petroleum Hydrocarbons	eum	QN	ng/L	50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	-	BOI1186	Q.	
1,2-Dichloroethane-d4 (Surrogate)	(Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/05	09/29/05 09/30/05 05:02	MGC	MS-V5	-	BOI1186		TOTAL OF THE SECTION
Toluene-d8 (Surrogate)	(101	%	88 - 110 (LCL - UCL)	- UCL)	EPA-8260		09/29/05 09/30/05 05:02	MGC	MS-V5	_	BOI1186		
4-Bromofluorobenzene (Surrogate)	(Surrogate)	104	%	86 - 115 (LCL	- UCL)	EPA-8260	09/29/05	86 - 115 (LCL - UCL) EPA-8260 09/29/05 09/30/05 05:02	MGC	MS-V5	_	BOI1186		



TRC Alton Geoscience 21 Technology Drive

Irvine CA, 92618-2302

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

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

)		•	•				•			
BCL Sample ID: 0509535-04		Client Sample Name:	le Name	4625,	1W-2, M	W-2, 9/26/	2005 10	MW-2, MW-2, 9/26/2005 10:12:00AM, Rick R.	k.R.					
							Prep	Run		Instru-		၁ဇ	MB	Lab
Constituent		Result	Units	PQL	MDL	MDL Method	Date	Date/Time	Analyst	Analyst ment ID Dilution	Dilution	Batch ID	Bias	Quals
Benzene		0.56	ng/L	0:20		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	ND	
Ethylbenzene		0.86	ng/L	0.50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	Q	
Methyl t-butyl ether		QN	ng/L	0.50		EPA-8260	09/29/05	09/29/05 09/30/05 05:36	MGC	MS-V5		BOI1186	QN	A Proposition of the Proposition
Toluene		QN	ng/L	0.50		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	ND	
Total Xylenes		QN	ng/L	1.0		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	ND	
Ethanol		ND	ng/L	1000		EPA-8260	09/29/05	EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	Q.	
Total Purgeable Petroleum Hydrocarbons	ш	83	ng/L	50		EPA-8260	09/29/05	09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186	Q.	
1,2-Dichloroethane-d4 (Surrogate)	Surrogate)	104	%	76 - 114 (LCL - UCL) EPA-8260	(TON - T	EPA-8260	09/29/05	09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186		
Toluene-d8 (Surrogate)		6.99	%	88 - 110 (LC	CL - UCL)	EPA-8260	09/29/05	88 - 110 (LCL - UCL) EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186		
4-Bromofluorobenzene (Surrogate)	Surrogate)	103	%	86 - 115 (LC	CL - UCL)	EPA-8260	09/29/05	86 - 115 (LCL - UCL) EPA-8260 09/29/05 09/30/05 05:36	MGC	MS-V5	-	BOI1186		



Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509535-05	35-05	Client Sample Name:	ole Name:	4625,	i, MW-6, 9/26	3/2005 10	MW-6, MW-6, 9/26/2005 10:40:00AM, Rick R.	자.					
						Prep	Run		Instru-		၁ဝ	MB	Lab
Constituent		Result	Units	PQL MDL	L Method	Date	Date/Time	Analyst	ment ID	Dilution	Batch ID	Bias	Quals
Benzene		72	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	-	BOI1186	N Q	
1,2-Dibromoethane		S	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	-	BOI1186	Q	
1,2-Dichloroethane		Q.	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	-	BOI1186	ND	
Ethylbenzene		12	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	_	BOI1186	QN	
Methyl t-butyl ether		160	ng/L	2.5	EPA-8260		09/29/05 09/30/05 15:06	MGC	MS-V5	2	BO11186	Ω	A01
Toluene		0.65	ng/L	0.50	EPA-8260		09/29/05 09/30/05 06:09	MGC	MS-V5	_	BOI1186	S	
Total Xylenes		52	ng/L	1.0	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	_	BOI1186	Q.	
t-Amyl Methyl ether		Q	ng/L	0.50	EPA-8260		09/29/05 09/30/05 06:09	MGC	MS-V5	1	BO11186	S	
t-Butyl alcohol		Q.	ng/L	10	EPA-8260	09/29/05	09/30/05 06:09	MGC	MS-V5	-	BO11186	2	
Diisopropyl ether		S	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	1	BOI1186	Q.	
Ethanol		QN	ng/L	1000	EPA-8260	1	09/29/05 09/30/05 06:09	MGC	MS-V5	_	BO11186	S	
Ethyl t-butyl ether		Q	ng/L	0.50	EPA-8260	09/29/05	09/30/02 06:09	MGC	MS-V5	_	BO11186	QN	
Total Purgeable Petroleum Hydrocarbons		440	ng/L	50	EPA-8260	09/29/05	60:90 90/08/60	MGC	MS-V5	_	BO11186	N Q	
1,2-Dichloroethane-d4 (Surrogate)	te)	108	2 %	76 - 114 (LCL - UCL)	CL) EPA-8260		09/29/05 09/30/05 15:06	MGC	MS-V5	D.	BOI1186		
1,2-Dichloroethane-d4 (Surrogate)	te)	100	. %	76 - 114 (LCL - UCL)	OL) EPA-8260		09/29/05 09/30/05 06:09	MGC	MS-V5	_	BOI1186		
Toluene-d8 (Surrogate)		99.3	%	88 - 110 (LCL - UCL)	CL) EPA-8260	l	09/29/05 09/30/05 15:06	MGC	MS-V5	r.	BOI1186		
Toluene-d8 (Surrogate)		99.2	8 %	88 - 110 (LCL - UCL)	CL) EPA-8260		09/29/05 09/30/05 06:09	MGC	MS-V5	-	BOI1186		The state of the s
4-Bromofluorobenzene (Surrogate)	ate)	103	%	86 - 115 (LCL - UCL)	CL) EPA-8260		09/29/05 09/30/05 15:06	MGC	MS-V5	r0	BOI1186	40	
4-Bromofluorobenzene (Surrogate)	ate)	106	%	86 - 115 (LCL - UCL)	OL) EPA-8260		09/29/05 09/30/05 06:09	MGC	MS-V5	_	BOI1186		



Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0509535-06	Client Sample Name:	ple Name	4625,	MW-5, MW-5, 9/26/2005 10:51:00AM, Rick R	/2005 10:51	:00AM, Rich	k.					
Constituent		Poeult	- Inite	ICM	Mothod	Prep Date	Run Date/Time	Analyst	Instru- ment ID Dilution	Oilution	QC Batch ID	MB	Lab
		Incom.	3										2000
Benzene		81	ng/L	0.50	EPA-8260	09/29/05 09/	09/30/05 06:43	MGC	MS-V5	₹-	BOI1186	9	
1,2-Dibromoethane		ND	ng/L	0.50	EPA-8260	09/29/05 09/	09/30/05 06:43	MGC	MS-V5	-	BOI1186	N O	
1,2-Dichloroethane		QN	ng/L	0.50	EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	-	BOI1186	2	
Ethylbenzene		85	ng/L	0.50	EPA-8260	09/29/05	09/30/05 06:43	MGC	MS-V5	_	BOI1186	S.	AT 17 AMERICA DAMPET BANKS PRACT SALAMA MANAGEMENT AND AND AND AND AND AND AND AND AND AND
Methyl t-butyl ether		180	ng/L	2.5	EPA-8260	09/29/05 09/	09/30/05 15:39	MGC	MS-V5	2	BOI1186	QN	A01
Toluene		QN	ng/L	0.50	EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	_	BOI1186	Q.	
Total Xylenes		200	ng/L	1.0	EPA-8260	09/29/05	09/30/05 06:43	MGC	MS-V5	_	BOI1186	Q.	
t-Amyl Methyl ether		Q	ng/L	0.50	EPA-8260	09/29/05 09/	09/30/05 06:43	MGC	MS-V5	-	BOI1186	Q.	
t-Butyl alcohol		QN	ng/L	10	EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	+	BOI1186	S S	
Diisopropyl ether		QN	ng/L	0.50	EPA-8260	09/29/05	09/30/05 06:43	MGC	MS-V5	-	BOI1186	Q.	
Ethanol		QN	ng/L	1000	EPA-8260	09/29/05 09/	09/30/05 06:43	MGC	MS-V5	-	BOI1186	S	
Ethyl t-butyl ether		QN	ng/L	0.50	EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	_	BOI1186	Q.	
Total Purgeable Petroleum Hydrocarbons	mne	2500	ng/L	250	EPA-8260	09/29/05 09/30/05 15:39	30/05 15:39	MGC	MS-V5	ഹ	BOI1186	Q	A01
1,2-Dichloroethane-d4 (Surrogate)	(Surrogate)	109	%	76 - 114 (LCL - UCL)	L) EPA-8260	09/29/05 09/30/05 15:39	30/05 15:39	MGC	MS-V5	2	BOI1186		TOTAL CONTINUES OF A SECURITY SALES OF THE SALES OF THE SECURITY SALES OF THE SALES OF THE SALES OF THE SALES
1,2-Dichloroethane-d4 (Surrogate)	(Surrogate)	105	%	76 - 114 (LCL - UCL)	L) EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	_	BOI1186		
Toluene-d8 (Surrogate)		101	%	88 - 110 (LCL - UCL)	L) EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	-	BOI1186		A Company of the Comp
Toluene-d8 (Surrogate)		101	%	88 - 110 (LCL - UCL)	L) EPA-8260	09/29/05 09/30/05 15:39	30/05 15:39	MGC	MS-V5	ស	BO11186	Andrew Colonia	A CONTRACTOR OF THE CONTRACTOR
4-Bromofluorobenzene (Surrogate)	(Surrogate)	106	%	86 - 115 (LCL - UCL)	L) EPA-8260	09/29/05 09/30/05 06:43	30/05 06:43	MGC	MS-V5	-	BOI1186		
4-Bromofluorobenzene (Surrogate)	(Surrogate)	103	%	86 - 115 (LCL - UCL)	:L) EPA-8260	09/29/05 09/30/05 15:39	30/05 15:39	MGC	MS-V5	2	BO11186		



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

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8240)

				•							
										Contro	Control Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	Batch ID QC Sample ID QC Sample	QC Sample Type	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Benzene	BO11186	BOI1186-MS1	Matrix Spike	9	26.770	25.000	ug/L		107		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	QN	25.790	25.000	ng/L	3.81	103	20	70 - 130
Bromodichloromethane	BO11186	BOI1186-MS1	Matrix Spike	Ω	24.950	25.000	ng/L		8.66		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Ω	24.350	25.000	ng/L	2.43	97.4	20	70 - 130
Chlorobenzene	BO11186	BOI1186-MS1	Matrix Spike	Ð	23.580	25.000	ng/L		94.3		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	N	24.310	25.000	ng/L	3.03	97.2	20	70 - 130
Chloroethane	BO11186	BOI1186-MS1	Matrix Spike	9	30.330	25.000	ug/L		121		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Q	29.260	25.000	ng/L	3.36	117	20	70 - 130
1,4-Dichlorobenzene	BO11186	BOI1186-MS1	Matrix Spike	Ω	23.830	25.000	ng/L		95.3		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Q.	24.360	25.000	ng/L	2.18	97.4	20	70 - 130
1,1-Dichloroethane	BO11186	BOI1186-MS1	Matrix Spike	Ω	25.700	25.000	ng/L		103		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Ω	25.140	25.000	ng/L	1.96	101	20	70 - 130
1,1-Dichloroethene	BO11186	BOI1186-MS1	Matrix Spike	9	25.650	25.000	ng/L		103		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Ω	24.730	25.000	ng/L	4.06	98.9	20	70 - 130
Toluene	BO11186	BOI1186-MS1	Matrix Spike	Ω	25.890	25.000	ng/L		104		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	Ω	25.080	25.000	ng/L	3.92	100	20	70 - 130
Trichloroethene	BO11186	BOI1186-MS1	Matrix Spike	Q	25.620	25.000	ng/L		102		70 - 130
		BOI1186-MSD1	Matrix Spike Duplicate	QN .	25.140	25.000	ng/L	0.985	101	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BO11186	BOI1186-MS1	Matrix Spike	S	9.8200	10.000	ng/L		98.2		76 - 114
		BOI1186-MSD1	Matrix Spike Duplicate	ΩN	9.6700	10.000	ng/L		2.96		76 - 114
Toluene-d8 (Surrogate)	BO11186	BOI1186-MS1	Matrix Spike	ΩN	10.050	10.000	ng/L		100		88 - 110
		BOI1186-MSD1	Matrix Spike Duplicate	2	9.9800	10.000	ng/L		8.66		88 - 110
4-Bromofluorobenzene (Surrogate)	BO11186	BOI1186-MS1	Matrix Spike	Ω	10.210	10.000	ng/L		102		86 - 115
		BOI1186-MSD1	Matrix Spike Duplicate	Ω	10.330	10.000	ng/L		103		86 - 115



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

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

Reported: 10/05/05 09:07

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

Quality Control Report - Precision & Accuracy

										,	
										Contro	Control Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	Batch ID QC Sample ID	QC Sample Type	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Acenaphthene	BOI1246	BOI1246-MS1	Matrix Spike	9	60.302	80.000	ng/L		75.4		38 - 102
		BOI1246-MSD1	Matrix Spike Duplicate	ND	66.406	80.000	ng/L	9.60	83.0	30	38 - 102
1,4-Dichlorobenzene	BO11246	BOI1246-MS1	Matrix Spike	Q	58.473	80.000	ng/L		73.1		39 - 101
		BOI1246-MSD1	Matrix Spike Duplicate	ND	65.316	80.000	ng/L	11.0	81.6	30	39 - 101
2,4-Dinitrotoluene	BO11246	BOI1246-MS1	Matrix Spike	Q.	61.886	80.000	ng/L		4.77		40 - 117
		BOI1246-MSD1	Matrix Spike Duplicate	ND	68.234	80.000	ng/L	9.71	85.3	30	40 - 117
Hexachlorobenzene	BO11246	BOI1246-MS1	Matrix Spike	9	70.372	80.000	ug/L		88.0		48 - 108
		BOI1246-MSD1	Matrix Spike Duplicate	Q	76.366	80.000	ng/L	8.17	95.5	29	48 - 108
Hexachlorobutadiene	BO11246	BOI1246-MS1	Matrix Spike	ON.	46.893	80.000	ng/L		58.6		33 - 95
		BOI1246-MSD1	Matrix Spike Duplicate	Ω	53.081	80.000	ng/L	12.5	66.4	30	33 - 95
Hexachloroethane	BOI1246	BOI1246-MS1	Matrix Spike	ΩN	54.691	80.000	ng/L		68.4		43 - 94
		BOI1246-MSD1	Matrix Spike Duplicate	Q.	60.505	80.000	ng/L	10.0	75.6	30	43 - 94
Nitrobenzene	BOI1246	BOI1246-MS1	Matrix Spike	S.	60.842	80.000	ng/L		76.1		52 - 109
		BOI1246-MSD1	Matrix Spike Duplicate	Ω	67.836	80.000	ng/L	10.8	84.8	30	52 - 109
N-Nitrosodi-N-propylamine	BOI1246	BOI1246-MS1	Matrix Spike	S	55.736	80.000	ng/L		69.7		44 - 95
		BOI1246-MSD1	Matrix Spike Duplicate	ND	60.924	80.000	ng/L	8.91	76.2	28	44 - 95
Pyrene	BOI1246	BOI1246-MS1	Matrix Spike	ΩN	60.174	80.000	ng/L		75.2		40 - 101
		BOI1246-MSD1	Matrix Spike Duplicate	ND	65.520	80.000	ng/L	8.53	81.9	59	40 - 101
1,2,4-Trichlorobenzene	BO11246	BOI1246-MS1	Matrix Spike	Q.	47.419	80.000	ng/L		59.3		40 - 94
		BOI1246-MSD1	Matrix Spike Duplicate	Ω	53.784	80.000	ng/L	12.5	67.2	30	40 - 94
4-Chloro-3-methylphenol	BOI1246	BOI1246-MS1	Matrix Spike	ΩN	61.190	80.000	ng/L		76.5		57 - 115
		BOI1246-MSD1	Matrix Spike Duplicate	ΩN	65.542	80.000	ng/L	6.82	81.9	56	57 - 115
2-Chlorophenol	BOI1246	BOI1246-MS1	Matrix Spike	ΩN	51.509	80.000	ng/L		64.4	7900	46 - 96
The state of the s		BOI1246-MSD1	Matrix Spike Duplicate	ΩN	55.833	80.000	ng/L	8.05	8.69	26	46 - 96
2-Methylphenol	BOI1246	BOI1246-MS1	Matrix Spike	Q	59.660	80.000	ng/L		74.6		47 - 99
		BOI1246-MSD1	Matrix Spike Duplicate	ND	64.883	80.000	ng/L	8.35	81.1	25	47 - 99
3- & 4-Methylphenol	BO11246	BOI1246-MS1	Matrix Spike	2	89.311	80.000	ng/L		112		72 - 160
		BOI1246-MSD1	Matrix Spike Duplicate	g	95.703	80.000	ng/L	6.90	120	24	72 - 160

BC Laboratories

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

Reported: 10/05/05 09:07

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

										Contro	Control Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	QC Sample ID	Batch ID QC Sample ID QC Sample Type	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
4-Nitrophenol	BO11246	BO11246-MS1	Matrix Spike	9	36.938	80.000	ng/L		46.2		12 - 86
		BOI1246-MSD1	Matrix Spike Duplicate	ᄝ	42.137	80.000	ng/L	13.1	52.7	24	12 - 86
Pentachlorophenol	BOI1246	BOI1246-MS1	Matrix Spike	QN	72.394	80.000	ng/L		90.5		43 - 134
		BOI1246-MSD1	Matrix Spike Duplicate	2	75.872	80.000	ng/L	4.64	94.8	23	43 - 134
Phenol	BOI1246	BOI1246-MS1	Matrix Spike	S	29.794	80.000	ng/L		37.2		18 - 55
		BOI1246-MSD1	Matrix Spike Duplicate	2	32.915	80.000	ng/L	9.96	41.1	26	18 - 55
2,4,6-Trichlorophenol	BOI1246	BOI1246-MS1	Matrix Spike	S	66.198	80.000	ng/L		82.7		48 - 124
		BOI1246-MSD1	Matrix Spike Duplicate	2	71.248	80.000	ng/L	7.45	89.1	30	48 - 124
2-Fluorophenol (Surrogate)	BOI1246	BOI1246-MS1	Matrix Spike	S	29.817	80.000	ng/L		37.3		22 - 83
		BOI1246-MSD1	Matrix Spike Duplicate	2	32.402	80.000	ng/L		40.5		22 - 83
Phenol-d5 (Surrogate)	BO11246	BOI1246-MS1	Matrix Spike	9	31.825	80.000	ng/L		39.8		12 - 69
		BOI1246-MSD1	Matrix Spike Duplicate	2	34.434	80.000	ng/L		43.0		12 - 69
Nitrobenzene-d5 (Surrogate)	BOI1246	BOI1246-MS1	Matrix Spike	Q	65.274	80.000	ng/L		81.6		52 - 115
		BOI1246-MSD1	Matrix Spike Duplicate	2	71.542	80.000	ng/L		89.4		52 - 115
2-Fluorobiphenyl (Surrogate)	BO11246	BOI1246-MS1	Matrix Spike	QN	63.358	80.000	ng/L		79.2		40 - 109
		BOI1246-MSD1	Matrix Spike Duplicate	Q	71.942	80.000	ng/L		89.9		40 - 109
2,4,6-Tribromophenol (Surrogate)	BOI1246	BOI1246-MS1	Matrix Spike	QN	74.730	80.000	ng/L		93.4		54 - 126
		BOI1246-MSD1	Matrix Spike Duplicate	QN	80.005	80.000	ng/L		100		54 - 126
p-Terphenyl-d14 (Surrogate)	BO11246	BOI1246-MS1	Matrix Spike	9	32.125	40.000	ng/L		80.3	THE REAL PROPERTY OF THE PROPE	54 - 112
		BOI1246-MSD1	Matrix Spike Duplicate	QN	34.784	40.000	ng/L		87.0		54 - 112



Irvine CA, 92618-2302

Project: 4625
Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Total Petroleum Hydrocarbons

										Contro	Control Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	Batch ID QC Sample ID QC Sample	QC Sample Type	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Diesel Range Organics (C12 - C24) BOI1243 BOI1243-MS1	BOI1243	BOI1243-MS1	Matrix Spike	9	485.60	500.00	ng/L		97.1		33 - 131
		BOI1243-MSD1 Matrix Spike	Matrix Spike Duplicate	S	457.84	500.00	ng/L	5.83	91.6	30	33 - 131
Tetracosane (Surrogate)	BOI1243	BOI1243 BOI1243-MS1	Matrix Spike	9	18.174	20.000	ng/L		6.06		32 - 140
		BOI1243-MSD1 Matrix Spike	Matrix Spike Duplicate	Q	14.339	20.000	ng/L		71.7		32 - 140



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Reported: 10/05/05 09:07

EPA Method 1664

Project Manager: Anju Farfan

										Contro	Sontrol Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	Batch ID QC Sample ID QC Sample	QC Sample Type	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery Lab Quals
Oil and Grease	BOI1237	BOI1237 BOI1237-DUP1 Duplicate	Duplicate	4.6000	4.2000		mg/L	9.09		18	
		BOI1237-MS1	Matrix Spike	4.6000	29.900	38.250	mg/L		66.1		78 - 114 Q03
		BOI1237-MSD1 Matrix Spike	Matrix Spike Duplicate	4.6000	30.550	38.250	mg/L	2.54	67.8	18	78 - 114 Q03



TRC Alton Geoscience

21 Technology Drive Irvine CA, 92618-2302

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

Reported: 10/05/05 09:07

Water Analysis (Metals)

										Contro	Control Limits
				Source		Spike			Percent		Percent
Constituent	Batch ID	Batch ID QC Sample ID QC Sample	QC Sample Type	Result	Result	Added	Units	RPD F	RPD Recovery	RPD	RPD Recovery Lab Quals
Total Chromium	BO11194	BOI1194 BOI1194-DUP1 Duplicate	Duplicate	Q.	QN		ng/L			20	(Paramonda and Caraman and Caraman (Caraman Caraman) (Caraman Caraman) (Caraman Caraman) (Caraman Caraman) (Caraman Caraman) (Caraman) (
		BOI1194-MS1	Matrix Spike	2	186.75	200.00	ng/L		93.4		75 - 125
		BOI1194-MSD1 Matrix Spike	Matrix Spike Duplicate	Q.	192.35	200.00	ng/L	2.95	36.2	20	75 - 125



Irvine CA, 92618-2302

Project: 4625
Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8240)

										Control Limits	imits	
					Spike			Percent		Percent		
Constituent	Batch ID	Batch ID QC Sample ID QC Type	QC Type	Result	Level	PQL	Units	Recovery	RPD	Recovery	RPD	Lab Quals
Benzene	BO11186	BOI1186 BOI1186-BS1	SOT	25.830	25.000	0.50	ng/L	103		70 - 130		
Bromodichloromethane	BOI1186	BOI1186-BS1	SOT	23.700	25.000	0.50	ng/L	94.8		70 - 130		
Chlorobenzene	BOI1186	BOI1186-BS1	SOT	24.750	25.000	0.50	ng/L	0.66		70 - 130		
Chloroethane	BOI1186	BOI1186-BS1	SOT	29.540	25.000	0.50	ng/L	118		70 - 130		THE PROPERTY OF THE MEMBERS AND ADMINISTRAL COLUMNS TO A COLUMN THE COLUMN TH
1,4-Dichlorobenzene	BO11186	BOI1186-BS1	SOT	26.530	25.000	0.50	ng/L	106		70 - 130		A EN APPLICATION CONTRACTOR SERVICES AND A SECURI ABSOLUTION AND A SECURITARIST AND A SECURITARIST ASSECT AS A SECURITARIST ASSECT AS A SECURITARIST AS A SECURITARIST AS A SECURITARIST ASSECT AS A SECURITARIST ASSECT AS A SECURITARIST AS A SECURITARIST AS A SECURITARIST ASSECT AS A SECURITARIST ASSECT AS A SECURITARIST AS A SECURITARIST AS A SECURITARIST ASSECT AS A SECURITARIST AS A SECURITARIST AS A SECURITARIST ASSECT AS A SECURITARIST ASSECT AS A SECURITARIST ASSECT AS A SECURITARIA SECURITARIST ASSECT AS A SECURITARIST AS A SECURITARIST ASSECT ASSECT AS A SECURITARI
1,1-Dichloroethane	BOI1186	BOI1186 BOI1186-BS1	SOT	25.080	25.000	0.50	ng/L	100		70 - 130	:	
1,1-Dichloroethene	BOI1186	BOI1186-BS1	SOT	25.160	25.000	0.50	ng/L	101		70 - 130		
Toluene	BOI1186	BOI1186-BS1	SOT	25.340	25.000	0.50	ng/L	101		70 - 130	подписания подписания в подписа	
Trichloroethene	BOI1186	BOI1186-BS1	SOT	31.590	25.000	0.50	ng/L	126		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOI1186	BOI1186-BS1	SOT	10.240	10.000		ng/L	102		76 - 114		
Toluene-d8 (Surrogate)	BOI1186	BOI1186-BS1	SOT	10.010	10.000		ng/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOI1186	BOI1186-BS1	SOT	10.330	10.000		ng/L	103		86 - 115		



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

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

Reported: 10/05/05 09:07

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

Quality Control Report - Laboratory Control Sample

									3	Control Limits	(0)
Constituent	Batch ID	Batch ID QC Sample ID	QC Type	Result	Spike Level	PoL	Units	Percent Recovery	Percent RPD Recovery	ent verv RPD	Lab Quals
Acenaphthene	BOI1246	BOI1246-BS1		61.435	80.000	2.0	ng/L	ı	1		
1,4-Dichlorobenzene	BO11246	BOI1246-BS1	SOT	59.880	80.000	2.0	ng/L	74.8	46 - 102	102	
2,4-Dinitrotoluene	BOI1246	BOI1246-BS1	SOT	62.809	80.000	2.0	ng/L	78.5	45 - 120	120	
Hexachlorobenzene	BOI1246	BOI1246-BS1	SOT	74.059	80.000	2.0	ng/L	97.6	54 - 111	Ξ	TOTAL THE STATE OF
Hexachlorobutadiene	BO11246	BOI1246-BS1	SOT	48.489	80.000	2.0	ng/L	9.09	39 - 97	97	
Hexachloroethane	BOI1246	BOI1246-BS1	SOT	55.496	80.000	2.0	ng/L	69.4	43 - 94	94	THE PROPERTY OF THE PROPERTY O
Nitrobenzene	BOI1246	BOI1246-BS1	SOT	60.050	80.000	2.0	ng/L	75.1	52 - 109	601	
N-Nitrosodi-N-propylamine	BOI1246	BOI1246-BS1	SOT	54.400	80.000	2.0	ng/L	68.0	48 - 97	97	
Pyrene	BOI1246	BOI1246-BS1	SOT	63.644	80.000	2.0	ng/L	79.6	42 - 105	105	
1,2,4-Trichlorobenzene	BOI1246	BOI1246-BS1	SOT	47.741	80.000	2.0	ng/L	59.7	44 - 97	97	THE THE PROPERTY AND PROPERTY COMPANY OF THE PROPERTY OF THE P
4-Chloro-3-methylphenol	BOI1246	BOI1246-BS1	SOT	57.805	80.000	5.0	ng/L	72.3	58 - 121	121	W Grant production and the state of the stat
2-Chlorophenol	BOI1246	BOI1246-BS1	SOT	48.429	80.000	2.0	ng/L	60.5	50 - 96	96	MANAGE DE COMPANIONE DE COMPAN
2-Methylphenol	BOI1246	BOI1246-BS1	SOT	56.771	80.000	2.0	ng/L	71.0	52 - 101	101	
3- & 4-Methylphenol	BOI1246	BOI1246-BS1	SOT	86.704	80.000	2.0	ug/L	108	81 - 158	158	
4-Nitrophenol	BOI1246	BOI1246-BS1	SOT	39.155	80.000	2.0	ng/L	48.9	13 - 87	87	Amministration in the factor of the factor o
Pentachlorophenol	BOI1246	BOI1246-BS1	SOT	70.163	80.000	10	ug/L	7.78	48 - 138	138	ACTIVITY OF THE PROPERTY OF TH
Phenol	BOI1246	BOI1246-BS1	SOT	28.340	80.000	2.0	ug/L	35.4	18 - 57	57	
2,4,6-Trichlorophenol	BOI1246	BOI1246-BS1	SOT	63.189	80.000	5.0	ng/L	79.0	55 - 125	125	
2-Fluorophenol (Surrogate)	BOI1246	BOI1246-BS1	SOT	28.311	80.000		ng/L	35.4	22 - 83	83	110000000
Phenol-d5 (Surrogate)	BOI1246	BOI1246-BS1	SOT	30.320	80.000		ng/L	37.9	12 - 69	69	
Nitrobenzene-d5 (Surrogate)	BO11246	BOI1246-BS1	SOT	62.409	80.000		ng/L	78.0	52 - 115	115	
2-Fluorobiphenyl (Surrogate)	BOI1246	BOI1246-BS1	SOT	64.400	80.000		ng/L	80.5	40 - 109	109	
2,4,6-Tribromophenol (Surrogate)	BOI1246	BOI1246-BS1	SOT	73.699	80.000		ng/L	92.1	54 - 126	126	
p-Terphenyl-d14 (Surrogate)	BOI1246	BOI1246-BS1	SOT	33.041	40.000		ng/L	82.6	54 - 112	112	

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Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Total Petroleum Hydrocarbons

										Control Limit	Limits		
					Spike			Percent		Percent			
Constituent	Batch ID	Batch ID QC Sample ID QC Type	QC Type	Result	Level	PQL	Units	Recovery	RPD	Recovery	RPD	Lab Quals	-
Diesel Range Organics (C12 - C24) BOI1243 BOI1243-BS1 LCS	BOI1243	BOI1243-BS1	SOT	438.80	500.00	200	ng/L	87.8		39 - 97			İ
Tetracosane (Surrogate)	BOI1243	BOI1243 BOI1243-BS1 LCS	SOT	14.138	20.000		ng/L	70.7		38 - 117			ĺ



Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

EPA Method 1664

										Control Limi	imits	
					Spike			Percent		Percent		
Constituent	Batch ID	ple ID	QC Type	Result	Level	PQL	Units	Recovery	RPD	Recovery	RPD	Lab Quals
Oil and Grease	BOI1237 BOI1237-	BOI1237-BS1	SOT	31.550	38.250	5.0	mg/L	82.5		78 - 114		



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

rroject ivaniber. [hone] Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Water Analysis (Metals)

										Control Limit	Limits	
					Spike			Percent		Percent		
Constituent	Batch ID	Batch ID QC Sample ID	QC Type	Result	Level	Pal	Units	Recovery	RPD	Recovery	RPD	Lab Quals
Total Chromium	BOI1194	BOI1194-BS1	SOT	191.01	200.00	10	ng/L	95.5		85 - 115		



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.11	
Bromodichloromethane	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.067	
Bromoform	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.051	
Bromomethane	BOI1186	BOI1186-BLK1	N	ng/L	1.0	0.45	
Carbon tetrachloride	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.099	
Chlorobenzene	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.050	
Chloroethane	BOI1186	BOI1186-BLK1	N	ng/L	0.50	0.12	
Chloroform	BOI1186	BO11186-BLK1	ND	ug/L	0.50	0.050	
Chloromethane	BOI1186	BO11186-BLK1	N	ng/L	0.50	0.21	
Dibromochloromethane	BOI1186	BO11186-BLK1	Q	ng/L	0.50	0.056	
1,2-Dichlorobenzene	BOI1186	BO11186-BLK1	ND	ng/L	0.50	0.085	
1,3-Dichlorobenzene	BOI1186	BOI1186-BLK1	QV	ng/L	0.50	0.081	
1,4-Dichlorobenzene	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.062	
1,1-Dichloroethane	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.17	
1,2-Dichloroethane	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.11	
1,1-Dichloroethene	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.088	
trans-1,2-Dichloroethene	BOI1186	BO11186-BLK1	ΩN	ng/L	0.50	0.11	
1,2-Dichloropropane	BOI1186	BOI1186-BLK1	N	ng/L	0.50	0.13	
cis-1,3-Dichloropropene	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.079	TOTAL OF STREET, AMERICAN SERVICES (SERVICES)
trans-1,3-Dichloropropene	BOI1186	BOI1186-BLK1	N	ng/L	0.50	0.13	
Ethylbenzene	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.13	THE TOTAL PROPERTY AND ADMINISTRAL OF THE PARTY HAVE A DAY TO THE PARTY HAVE A
Methylene chloride	BOI1186	BOI1186-BLK1	0.31000	ng/L	1.0	0.16	M03
Methyl t-butyl ether	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.052	
1,1,2,2-Tetrachloroethane	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.057	
Tetrachloroethene	BO11186	BOI1186-BLK1	QN	ng/L	0.50	0.12	

BC Laboratories



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Reported: 10/05/05 09:07

Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8240)

Quality Control Report - Method Blank Analysis

		-					
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Toluene	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.057	
1,1,1-Trichloroethane	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.093	
1,1,2-Trichloroethane	BOI1186	BO11186-BLK1	QN	ng/L	0.50	0.063	
Trichloroethene	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.055	
Trichlorofluoromethane	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.094	
1,1,2-Trichloro-1,2,2-trifluoroethane	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.18	THE CONTRACT OF THE CONTRACT O
Vinyl chloride	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.098	
Total Xylenes	BOI1186	BOI1186-BLK1	QN	ng/L	1.0	0.23	
p- & m-Xylenes	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.10	
o-Xylene	BOI1186	BOI1186-BLK1	ND	ng/L	0.50	0.13	
1,2-Dichloroethane-d4 (Surrogate)	BOI1186	BOI1186-BLK1	107	%	76 - 114 (LCL - UCL)	.CL - UCL)	
Toluene-d8 (Surrogate)	BOI1186	BOI1186-BLK1	103	%	88 - 110 (LCL - UCL)	.CL - UCL)	THE THE PARTY OF T
4-Bromofluorobenzene (Surrogate)	BOI1186	BO11186-BI K1	104	%	86 - 115 (LC) - LICE	(511.5)	



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

	•	•					
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dibromoethane	BOI1186	BOI1186-BLK1	QN	ng/L	0.50	0.11	
t-Amyl Methyl ether	BOI1186	BOI1186-BLK1	Q	ng/L	0.50	0.31	
t-Butyl alcohol	BOI1186	BOI1186-BLK1	9	T/Bn	10	10	Para de la combinada a MA de la calactería de la compansa de la co
Diisopropyl ether	BOI1186	BOI1186-BLK1	Q.	T/Bn	0.50	0.25	
Ethanol	BOI1186	BOI1186-BLK1	QN	T/Bn	1000	110	
Ethyl t-butyl ether	BOI1186	BOI1186-BLK1	QN	T/Bn	0.50	0.27	
Total Purgeable Petroleum Hydrocarbons	BOI1186	BOI1186-BLK1	S	ng/L	20	23	



Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	Pal	MDL	Lab Quals
Acenaphthene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.26	
Acenaphthylene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.25	
Aldrin	BOI1246	BOI1246-BLK1	N	ng/L	2.0	0.45	
Aniline	BOI1246	BOI1246-BLK1	N	ng/L	5.0	0.72	
Anthracene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.27	A A SANDA CANDO DA LACAD A CANDO CONTRACADO DO COMPOSA DE ALACADA CANDO CONTRACADO DA CONTRACADO CONTRACADO CONTRACADO C
Benzidine	BOI1246	BOI1246-BLK1	ND	ng/L	20	5.3	
Benzo[a]anthracene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.35	
Benzo[b]fluoranthene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.41	
Benzo[k]fluoranthene	BOI1246	BOI1246-BLK1	g	ng/L	2.0	0.21	
Benzo[a]pyrene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.31	
Benzo[g,h,i]perylene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	99.0	
Benzoic acid	BOI1246	BOI1246-BLK1	ND	ng/L	10	1.3	
Benzyl alcohol	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0:30	AMERICAN TO A STATE OF THE STAT
Benzyl butyl phthalate	BOI1246	BOI1246-BLK1	N	ng/L	2.0	0.74	
alpha-BHC	BOI1246	BOI1246-BLK1	N	ng/L	2.0	0.42	
beta-BHC	BOI1246	BOI1246-BLK1	Ω	ng/L	2.0	0.44	es premiórantes a sevenimantes de productivos con mandra con mandr
delta-BHC	BOI1246	BOI1246-BLK1	ΩN	ng/L	2.0	0.33	
gamma-BHC (Lindane)	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.41	
bis(2-Chloroethoxy)methane	BOI1246	BO11246-BLK1	QN	ng/L	2.0	0.37	
bis(2-Chloroethyl) ether	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	0.37	And the second s
bis(2-Chloroisopropyl)ether	BOI1246	BO11246-BLK1	QN	ng/L	2.0	0.28	
bis(2-Ethylhexyl)phthalate	BOI1246	BOI1246-BLK1	2.5590	ng/L	5.0	1.3	M03
4-Bromophenyl phenyl ether	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.41	
4-Chloroaniline	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	99.0	
2-Chloronaphthalene	BO11246	BOI1246-BLK1	QN	7/6n	2.0	0.31	

BC Laboratories



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

Quality Control Report - Method Blank Analysis

	4	- 000		:			
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL		Lab Quals
4-Chlorophenyl phenyl ether	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.27	
Chrysene	BOI1246	BOI1246-BLK1	9	ng/L	2.0	0.43	THE CONTRACT OF THE PARTY OF TH
4,4'-DDD	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	1.3	A service control of a service description of the service control of the service
4,4'-DDE	BO11246	BO11246-BLK1	Q	ng/L	3.0	1.2	
4,4'-DDT	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	1.6	
Dibenzo[a,h]anthracene	BOI1246	BOI1246-BLK1	QN	ng/L	3.0	0.68	And the second survival and the second secon
Dibenzofuran	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	0.29	Management of the state of the
1,2-Dichlorobenzene	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	0.32	
1,3-Dichlorobenzene	BOI1246	BOI1246-BLK1	Q	ng/L	2.0	0.34	
1,4-Dichlorobenzene	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.39	
3,3-Dichlorobenzidine	BO11246	BOI1246-BLK1	QN	ng/L	10	2.5	
Dieldrin	BO11246	BOI1246-BLK1	QN	ng/L	3.0	1.5	
Diethyl phthalate	BO11246	BOI1246-BLK1	ON	ng/L	2.0	0.39	O STATE OF THE PARTY OF THE PAR
Dimethyl phthalate	BO11246	BOI1246-BLK1	ND	ng/L	2.0	0.24	
Di-n-butyl phthalate	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.31	
2,4-Dinitrotoluene	BOI1246	BO11246-BLK1	QN	ng/L	2.0	0.23	
2,6-Dinitrotoluene	BOI1246	BO11246-BLK1	ND	ng/L	2.0	0.29	
Di-n-octyl phthalate	BOI1246	BOI1246-BLK1	ΩN	ng/L	2.0	0.67	
1,2-Diphenylhydrazine	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.22	No. of the Control of
Endosulfan I	BOI1246	BOI1246-BLK1	QN	ng/L	10	1.7	
Endosulfan II	BOI1246	BOI1246-BLK1	QN	ng/L	10	0.85	
Endosulfan sulfate	BOI1246	BOI1246-BLK1	QN	ng/L	3.0	1.3	
Endrin	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	1.8	
Endrin aldehyde	BOI1246	BOI1246-BLK1	ΩN	ng/L	10	4.0	
Fluoranthene	BOI1246	BOI1246-BLK1	ON	ng/L	2.0	0.28	

BC Laboratories



Irvine CA, 92618-2302

Project: 4625 Project Number: [none]

Project Manager: Anju Farfan

Reported: 10/05/05 09:07

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Fluorene	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.32	
Heptachlor	BO11246	BOI1246-BLK1	ND	ng/L	2.0	0.35	
Heptachlor epoxide	BO11246	BOI1246-BLK1	QN	ng/L	2.0	0.54	The state of the s
Hexachlorobenzene	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.44	
Hexachlorobutadiene	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.37	
Hexachlorocyclopentadiene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.70	
Hexachloroethane	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.45	
Indeno[1,2,3-cd]pyrene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.61	
Isophorone	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.35	
2-Methylnaphthalene	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.39	
Naphthalene	BO11246	BOI1246-BLK1	ND	ng/L	2.0	0.33	The state of the s
2-Naphthylamine	BO11246	BOI1246-BLK1	QN	ng/L	20	4.1	The state of the s
2-Nitroaniline	BO11246	BOI1246-BLK1	ND	ng/L	2.0	0.29	
3-Nitroaniline	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.49	
4-Nitroaniline	BOI1246	BO11246-BLK1	ON	ng/L	5.0	0.28	
Nitrobenzene	BO11246	BO11246-BLK1	QN	ng/L	2.0	0.26	**************************************
N-Nitrosodimethylamine	BOI1246	BO11246-BLK1	QN	ng/L	2.0	0.17	
N-Nitrosodi-N-propylamine	BO11246	BO11246-BLK1	QN	ng/L	2.0	0.41	
N-Nitrosodiphenylamine	BOI1246	BOI1246-BLK1	N	ng/L	2.0	0:30	
Phenanthrene	BOI1246	BOI1246-BLK1	N	ng/L	2.0	0.30	
Pyrene	BOI1246	BOI1246-BLK1	ND	ng/L	2.0	0.81	
1,2,4-Trichlorobenzene	BO11246	BOI1246-BLK1	ND	ug/L	2.0	0.35	THE ME AND THE PARTY AND THE P
4-Chloro-3-methylphenol	BO11246	BOI1246-BLK1	ND	ng/L	5.0	0.32	
2-Chlorophenol	BO11246	BOI1246-BLK1	QV	ng/L	2.0	0.27	
2,4-Dichlorophenol	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0:30	

BC Laboratories



TRC Alton Geoscience

Project Number: [none] Project: 4625

Reported: 10/05/05 09:07

Irvine CA, 92618-2302 21 Technology Drive

Project Manager: Anju Farfan

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

Quality Control Report - Method Blank Analysis

				•			
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
2,4-Dimethylphenol	BOI1246	BOI1246-BLK1	QN	ng/L	2.0	0.58	
4,6-Dinitro-2-methylphenol	BOI1246	BOI1246-BLK1	QN	T/6n	10	0:30	
2,4-Dinitrophenol	BOI1246	BOI1246-BLK1	ND	ng/L	10	0.21	
2-Methylphenol	BOI1246	BOI1246-BLK1	ND	T/6n	2.0	0.36	
3- & 4-Methylphenol	BOI1246	BOI1246-BLK1	ND	T/Bn	2.0	09:0	
2-Nitrophenol	BOI1246	BOI1246-BLK1	ND	T/6n	2.0	0.35	
4-Nitrophenol	BO11246	BOI1246-BLK1	ND	ng/L	2.0	0.16	
Pentachlorophenol	BOI1246	BOI1246-BLK1	N	ng/L	10	0.42	
Phenol	BOI1246	BOI1246-BLK1	ND	T/Bn	2.0	0.18	
2,4,5-Trichlorophenol	BOI1246	BO11246-BLK1	ND	ng/L	5.0	0.36	AND THE PROPERTY OF THE PROPER
2,4,6-Trichlorophenol	BO11246	BOI1246-BLK1	QN	ng/L	5.0	0.39	
2-Fluorophenol (Surrogate)	BOI1246	BOI1246-BLK1	36.8	%	22 - 83 (1	22 - 83 (LCL - UCL)	
Phenol-d5 (Surrogate)	BOI1246	BOI1246-BLK1	46.3	%	12 - 69 (1	12 - 69 (LCL - UCL)	
Nitrobenzene-d5 (Surrogate)	BOI1246	BOI1246-BLK1	100	%	52 - 115 (LCL - UCL)	-CL - UCL)	
2-Fluorobiphenyl (Surrogate)	BOI1246	BOI1246-BLK1	97.6	%	40 - 109 (LCL - UCL)	-cr - ncr)	
2,4,6-Tribromophenol (Surrogate)	BOI1246	BOI1246-BLK1	109	%	54 - 126 (LCL - UCL)	-CL - UCL)	
p-Terphenyl-d14 (Surrogate)	BO11246	BOI1246-BLK1	95.4	%	54 - 112 (LCL - UCL)	-cr - ncr)	



Irvine CA, 92618-2302

Project: 4625
Project Number: [none]

Reported: 10/05/05 09:07

Project Manager: Anju Farfan

Total Petroleum Hydrocarbons

	Quality Control F	trol Report - Method Blank Analysis	Blank Anal	ysis			
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BOI1243	BOI1243-BLK1	QN	ng/L	200	99	
Tetracosane (Surrogate)	BOI1243	BOI1243-BLK1	59.4	%	32 - 140 (LCL - UCL)	CL - UCL)	



TRC Alton Geoscience

Project: 4625 Project Number: [none]

Reported: 10/05/05 09:07

21 Technology Drive Irvine CA, 92618-2302

EPA Method 1664

Project Manager: Anju Farfan

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BOI1237	BOI1237-BLK1	ON	mg/L	5.0	1.9	



Project: 4625 Project Number: [none]

Reported: 10/05/05 09:07

Irvine CA, 92618-2302

Project Manager: Anju Farfan

Water Analysis (Metals)

Quality	Con	trol Report - Method Blank Analysis	Blank Anal	ysis			3
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Chromium	BOI1194	BO11194-BLK1	ON	ng/L	10	2.0	



Project Number: [none]
Project Manager: Anju Farfan

Project: 4625

Reported: 10/05/05 09:07

Notes and Definitions

The Continuing Calibration Verification (CCV) recovery is not within established control limits. V11

Q03 Matrix spike recovery(s) is(are) not within the control limits.

M03 Analyte detected in the Method Blank at a level between the PQL and the MDL.

Estimated value

The relative standard deviation of the calibration curve response factors exceeds the control limit C02

All phenolic compound results are affected due to low phenol surrogate recoveries caused by matrix. A14

A01 PQL's and MDL's are raised due to sample dilution.

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

BC LABORATORIES INC		SAM	IPLE REC	EIPT FOR	RM	Rev. No.	10 01/2	21/04	Page	Of
Submission #: OS-953	7 P	roject C	ode.		·············	TR	Batch #			
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Refrigerant: Ice Blue Ice				Comme						
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Intact? Yes □ No □	Intact? Yes	s D No D								
All samples received? Yes ☑ No □	All sample	s container	s intact? Y	es 🗷 No	0	Descript	tion(s) mate	th COC?	es No	0
								D-4-73	ime 9/26	212
COC Received		Tempe	hest ID Brature:	6 °c	Cont	sivity	2/2	1		
✓ YES □ NO		Thermome	ter ID;	18				Analys	st Init BRA	1
					SAMPLE I	UMBERS		•	· · · · · · · · · · · · · · · · · · ·	
SAMPLE CONTAINERS	1	2	3	4	5	6	7	8	9	10
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PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
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PT CHEMICAL OXYGEN DEMAND									 	
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40ml VOA VIAL TRAVEL BLANK	1-13:	47	p . 3.	1 7		4 5		· · · · · · · · · · · · · · · · · · ·		
40ml VOA VIAL	11 (5)	PIG	יני שן	A-13	# 151	A.3.		4	1	()
OT EPA 413.1, 413.2, 418.1										
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SOIL SLEEVE										
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Sample Numbering Completed By: ALM Date/Time: 427 0030

BC LABORATORIES INC		SAN	IPLE REC	EIPT FO	RM	Rev. No.	10 01/2	21/04 F	Page	Of
Submission #: OS- 93	35 F	Project C	ode:			ТВ	Batch #			
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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.