FUGRO WEST, INC.

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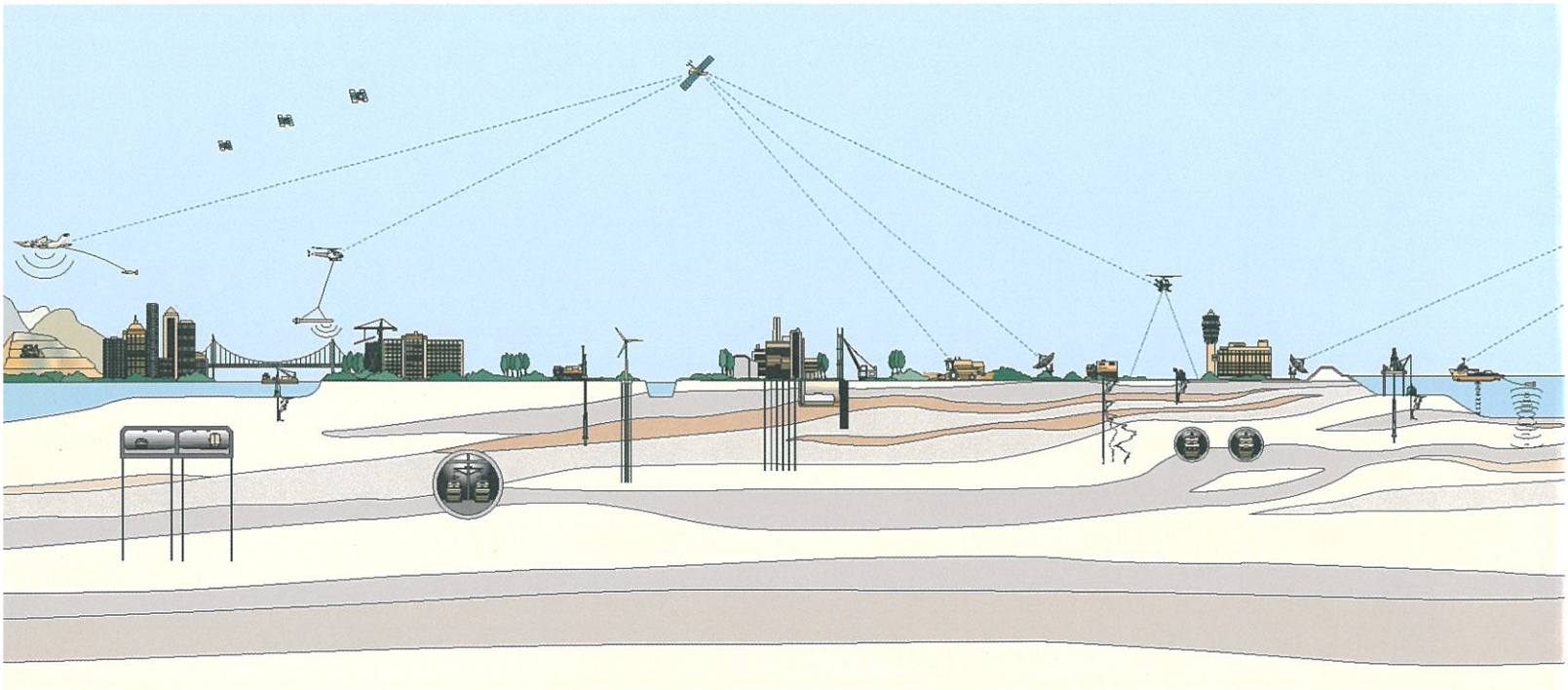
QUARTERLY GROUNDWATER MONITORING REPORT - WINTER 2005 AND SPRING 2006 EVENTS 2250 TELEGRAPH AVENUE OAKLAND, CALIFORNIA

Prepared for:
BUTTNER PROPERTIES

JUNE 2006

Fugro Project No. 609.004



FUGRO WEST, INC.

1000 Broadway, Suite 200
Oakland, California 94607
Tel: (510) 268-0461
Fax: (510) 268-0137

June 28, 2006
Project No. 609.004

Buttner Properties
600 West Grand Avenue
Oakland, California 94612

Attention: Ms. Marianne Robison

Subject: Winter 2005 and Spring 2006 Groundwater Monitoring Report, 2250 Telegraph Avenue, Oakland, California

Dear Ms. Robison:

Fugro West, Inc., (Fugro) is pleased to present this letter, which records the results of the Winter 2005 and Spring 2006 groundwater monitoring events for the 2250 Telegraph Avenue Property (Site). The groundwater monitoring program has been implemented in accordance with our February 2004 Work Plan and the Addendum to our Work Plan dated August 5, 2004. The Site location is shown on the Vicinity Map - Plate 1 and the Site Plan is presented on Plate 2.

During these monitoring events, Fugro sampled the four wells located onsite (MW-1, MW-3, MW-3, and MW-4), as well as one well located offsite to the south (MW-5), within the parking lane of the heavily traveled West Grand Avenue. Due to restrictions imposed by the City of Oakland Public Works Department on work being conducted within a public right-of-way during the City's designated "Holiday Traffic Pattern" period (November 1 to January 1), we were unable to obtain an encroachment permit to temporarily block the eastbound lane of West Grand Avenue during the Winter 2005 event. Consequently, we were only able to sample monitoring well MW-6 during the Spring 2006 event.

BACKGROUND

In August 1990, a 10,000-gallon gasoline underground gasoline storage tanks (UST) and one 280-gallon waste oil UST were removed from the Site. Approximately 500 cubic yards of gasoline-impacted soil were excavated from the former UST and pump island areas, and with concurrence from the Alameda County Environmental Health (ACEH) the contaminated soils were aerated onsite in 1990 and 1991 and disposed at a Class III sanitary landfill. The excavations were backfilled with clean imported materials, placed and compacted under engineering supervision, and the area was resurfaced with asphalt pavement.

In February 1994, contaminated soils near the former waste oil tank were over-excavated and removed from the Site, four groundwater monitoring wells (MW-1 through MW-4) were installed onsite, and a groundwater monitoring program was implemented. In

May 1996, five temporary well points were installed and grab groundwater samples were obtained as part of a supplemental investigation to assist in determining locations for the installation of offsite monitoring wells. Two monitoring wells (MW-5 and MW-6) were installed at offsite locations, downgradient from the former UST excavations in June 1997. In response to ACEH letters dated June 16, 1998, and November 8, 1999, all groundwater monitoring wells (MW-1 through MW-6) were monitored and sampled on a semi-annual basis through 2001.

In their letter dated January 16, 2002, the ACEH recommended a risk assessment and sensitive receptor survey be conducted to determine whether the Site may be considered a "low risk". While in the process of conducting these activities, a subsequent letter from the ACEH dated April 4, 2003, was received by the property owner. The April 2003 letter requested additional source and site characterization studies, a preferential pathway study, and a well survey be conducted. In response to these requests, Fugro prepared a Preferential Pathway and Preliminary Risk Evaluation report dated February 19, 2004. Fugro conducted research at the City offices to identify the location of preferential pathways in the immediate vicinity and evaluated the presence of sensitive receptors in the area. Fugro also compared detected concentrations to the Environmental Screening Levels established by the Regional Water Quality Control Board (RWQCB) for classification of impacted sites. Results of these studies indicated the following:

- Source material has been removed from the Site and the Site has been restored to allow the continued use of the Site;
- Residual concentrations of Total Petroleum Hydrocarbons (TPH) in soil beneath the onsite structure and concentrations in groundwater do not pose an immediate and significant risk to human health or the environment considering the current commercial use of the Site;
- Groundwater below West Grand Avenue is impacted by commingled petroleum releases. Methyl tertiary butyl ether (MTBE) was not used onsite as the UST's were removed prior to its introduction, yet MTBE has historically been detected in offsite well MW-6;
- No drinking water wells exist within a half-mile radius of the Site;
- No utility corridors were located on or offsite, which would create a preferential migration pathway for contaminants of concern. City infrastructure maps indicate that storm and sanitary sewer mainlines do not extend below West Grand Avenue, they extend below Telegraph Avenue, situated along the upgradient side of the Site, and below Valley Street further to the east. Only one shallow storm drain connector extends from the southeast corner of the Site to Valley Street, and the connector is located above the groundwater surface;
- Shallow groundwater in the downtown Oakland area is not considered nor currently used as a potable water source; and
- With the exception of possible upward migration of soil gas vapors, no exposure pathways currently exist.

Fugro developed a scope of work (Work Plan, February 2004, and Work Plan Addendum, August 2004) to define the lateral extent of onsite soil and groundwater impacts, and to evaluate the potential for soil gas vapors to impact occupants considering that the Site would be redeveloped in the future. In their letter dated August 19, 2005, ACEH requested further clarification for the proposed scope of services. Fugro provided responses to ACEH comments in the Groundwater Monitoring Report and Supplemental Work Plan Addendum dated October 15, 2005. To date no further written comments or acknowledgement has been received from ACEH.

GROUNDWATER MONITORING – WINTER 2005

Due to restrictions imposed on work being conducted within a public right-of-way during the City of Oakland's designated "Holiday Traffic Pattern" period (November 1 to January 1), we were unable to obtain an encroachment permit and approval to temporarily block the east bound lane of West Grand Avenue. Consequently we were unable to sample monitoring well MW-6.

Fugro conducted this monitoring event on November 9, 2005. Five wells (MW-1, MW-2, MW-3, MW-4 and MW-5) were sampled. Prior to sampling, the presence of free product was checked and the depth to groundwater was measured in the five wells. No free product was observed in any of the wells. Each well was then purged of approximately three casing volumes of water while monitoring for changes in pH, conductivity, and temperature. Once the water levels stabilized to within 80 percent of their initial levels, the wells were sampled with clean disposable bailers. Samples were retained in glass containers pre-cleaned by the laboratory in accordance with Environmental Protection Agency (EPA) protocols. The containers were placed in an ice-filled cooler and kept chilled pending delivery to the laboratory.

The samples for this event were submitted under appropriate chain-of-custody documents to Curtis & Tompkins, Ltd., a laboratory certified by the State of California Department of Health Services for hazardous waste and water testing. A sample from each well was analyzed for the following constituents:

- Total volatile hydrocarbons as gasoline (TVHg), EPA Methods 5030/8015;
- Total extractable hydrocarbons as diesel and motor oil (TEHd and mo), EPA Methods 8015m, using silica gel cleanup;
- Lead Scavengers including; dichloroethane and dibromoethane;
- Five fuel oxygenates by EPA Methods 8260 including;
- Methyl tertiary butyl ether (MTBE), tert butyl alcohol (TBA), isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), and methyl tert-amyl ether (TAME); and
- Benzene, toluene, ethylbenzene and total xylenes (BTEX).

Well sampling forms, chain-of-custody documents, and the analytical test reports are attached in Appendix A. Groundwater elevation data are summarized in Table 1. Analytical test results are summarized in Table 2.

The groundwater flow directions for the 2005 groundwater monitoring events are presented in a Rose Diagram, presented on Plate 2. The gradient for the Winter 2005 monitoring event was 0.038 feet per foot (ft/ft) directed towards the northeast. Based on the groundwater elevation data presented in Table 1, the groundwater gradient remains generally consistent with previous measurements. Groundwater was encountered at elevations slightly higher in two wells (MW-2 and MW-5), and slightly lower in the remaining three wells (MW-1, MW-3, and MW-4), than the elevations measured in August 2005. The gradient is relatively flat and tends generally toward the northeast.

Fugro's field geologist noticed hydrocarbon odor during purging and sampling of monitoring well MW-4; however, no free product was observed. TVHg was detected during this event in samples from wells MW-1 (290 μg/l), MW-3 (1,100 μg/l), and MW-4 (2,000 μg/l). TEHd was detected in samples from wells MW-3 (110 μg/l), and MW-4 (1,900 μg/l). TEHmo was detected in samples from well MW-4 (2,300 μg/l).

Analysis detected benzene concentrations in wells MW-3 (150 μg/l) and MW-4 (1.2 μg/l). Total xylenes were detected in samples from wells MW-3 (3.8 μg/l) and MW-4 (0.8 μg/l). No concentrations of ethylbenzene or toluene were detected in any of the samples tested.

No MTBE concentrations were detected in any of the samples tested during this event. However, analysis detected TBA in wells MW-1 (14 μg/l) and MW-3 (13 μg/l). None of the lead scavengers or remaining fuel oxygenates were detected in any of the samples analyzed.

GROUNDWATER MONITORING – SPRING 2006

Fugro conducted this monitoring event on March 21, 2006. Prior to sampling, the presence of free product was checked and the depth to groundwater was measured in all six wells. No free product was observed in any of the wells. Each well was then purged of approximately three casing volumes of water while monitoring for changes in pH, conductivity, and temperature. Once the water levels stabilized, the wells were sampled with clean disposable bailers. Samples were retained in glass containers pre-cleaned by the laboratory in accordance with EPA protocols. The containers were placed in an ice-filled cooler and kept chilled pending delivery to the laboratory.

The samples for this event were submitted under appropriate chain-of-custody documents to Curtis & Tompkins, Ltd., a laboratory certified by the State of California Department of Health Services for hazardous waste and water testing. A sample from each well was analyzed for the following constituents:

- TVHg, EPA Methods 5030/8015;
- TEHd and mo, EPA Methods 8015m, using silica gel cleanup;
- Lead Scavengers including; dichloroethane and dibromoethane;
- Five fuel oxygenates by EPA Methods 8260 including;
    - MTBE, TBA, DIPE, ETBE, and TAME; and
- BTEX.

Well sampling forms, chain-of-custody documents, and the analytical test reports are attached in Appendix A. Groundwater elevation data are summarized in Table 1. Analytical test results are summarized in Table 2.

The groundwater flow direction for the spring event is presented in the Rose Diagram on Plate 2. The gradient for the March 2006 monitoring event was 0.012 ft/ft directed towards the northeast. Based on the groundwater elevation data presented in Table 1, the groundwater gradient remains generally consistent with previous measurements. Groundwater was encountered at elevations slightly higher in all wells, than the elevations measured during the Fall and Winter of 2005. The gradient is relatively flat and tends generally toward the east-south east.

Fugro's field geologist noticed hydrocarbon odor during purging and sampling of monitoring wells MW-4 and MW-6; however, no free product was observed. TVHg was detected during this event in samples from wells MW-1 (390 μg/l), MW-3 (100 μg/l), MW-4 (2,200 μg/l) and MW-6 (1,900 μg/l). TEHd was detected in samples from wells MW-1 (97 μg/l), MW-3 (61 μg/l), MW-4 (2,800 μg/l) and MW-6 (850 μg/l). TEHmo was detected in samples from well MW-4 (4,000 μg/l).

Analysis detected benzene concentrations in wells MW-1 (1 μg/l), and MW-4 (1.2 μg/l), as well as ethylbenzene concentrations of 0.6 μg/l in well MW-1. Total xylenes were detected in samples from wells MW-4 (0.7 μg/l). No concentrations of toluene were detected in any of the samples tested.

With the exception of 0.5 μg/l detected well MW-6, no MTBE concentrations were detected in any of the remaining samples tested during this event. Analysis also detected TBA in MW-1 (16 μg/l) and MW-3 (12 μg/l). None of the lead scavengers or remaining fuel oxygenates were detected in any of the samples analyzed.

NEXT GROUNDWATER MONITORING EVENT

The next scheduled event will be conducted during the Summer 2006. If you have any questions, please call either of the undersigned at (510) 268-0461.

Sincerely,

FUGRO WEST, INC.

Obi Nzewi
Project Geologist

Jeriann N. Alexander, P.E., R.E.A.
Project Manager
Civil Engineer 40469 (exp. 3/31/07)
REA 03130 (exp. 7/07)

REGISTERED PROFESSIONAL ENGINEER
JERIANN N. ALEXANDER
No. C040469
Exp. 3/31/07
CIVIL
STATE OF CALIFORNIA

REGISTERED ENVIRONMENTAL ASSESSOR
JERIANN N. ALEXANDER
No. REA 03130
Expires 7/07
STATE OF CALIFORNIA

ON/JNA:tm

Attachments: Table 1 - Groundwater Elevation Data
Table 2 - Chemical Concentrations in Groundwater
Plate 1 - Vicinity Map
Plate 2 - Site Plan with Groundwater Rose Diagram
Appendix A - Well Sampling Forms
Analytical Test Report and Chain of Custody Form

Copies Submitted: (3) Addressee
(1) Mr. Tim Robison, Ph.D.
(1) Mr. Don Hwang, Alameda County Environmental Health

TABLES

Table 1
Groundwater Elevation Data
2250 Telegraph Avenue
Oakland, California

Monitoring Well	Date	TOC Elevation (feet) MSL	DTW (feet)	Elevation (feet) MSL
MW-1	3/3/1994	20.55	10.39	10.16
	3/10/1994		10.54	10.01
	6/6/1994		11.36	9.19
	9/7/1994		11.92	8.63
	12/22/1994		10.83	9.72
	3/17/1995		9.73	10.82
	6/27/1995		10.51	10.04
	9/18/1995		11.12	9.43
	5/30/1996		10.49	10.06
	7/9/1997		11.79	8.76
	8/21/1998		11.00	9.55
	10/6/1998		11.84	8.71
	2/24/1999		9.74	10.81
	6/30/2000		11.28	9.27
	4/27/2001		10.56	9.99
	4/14/2005		10.12	10.43
	8/1/2005		10.56	9.99
	11/9/2005		12.53	8.02
	3/21/2006		9.71	10.84
MW-2	3/3/1994	20.03	10.37	9.66
	3/10/1994		10.53	9.50
	6/6/1994		11.15	8.88
	9/7/1994		11.72	8.31
	12/22/1994		11.27	8.76
	3/17/1995		9.85	10.18
	6/27/1995		10.70	9.33
	9/18/1995		11.67	8.36
	5/30/1996		11.56	8.47
	7/9/1997		11.52	8.51
	8/21/1998		11.91	8.12
	10/6/1998		11.57	8.46
	2/24/1999		9.91	10.12
	6/30/2000		11.16	8.87
	4/27/2001		11.32	8.71
	4/14/2005		11.00	9.03
	8/1/2005		11.67	8.36
	11/9/2005		11.54	8.49
	3/21/2006		11.02	9.01

Table 1
Groundwater Elevation Data
2250 Telegraph Avenue
Oakland, California

Monitoring Well	Date	TOC Elevation (feet) MSL	DTW (feet)	Elevation (feet) MSL
MW-3	3/3/1994	18.97	9.50	9.47
	3/10/1994		9.51	9.46
	6/6/1994		10.28	8.69
	9/7/1994		10.75	8.22
	12/22/1994		9.74	9.23
	3/17/1995		8.85	10.12
	6/27/1995		9.94	9.03
	9/18/1995		10.54	8.43
	5/30/1996		9.69	9.28
	7/9/1997		10.60	8.37
	8/21/1998		10.36	8.61
	10/6/1998		10.64	8.33
	2/24/1999		8.58	10.39
	6/30/2000		10.21	8.76
	4/27/2001		9.85	9.12
	4/14/2005		9.58	9.39
	8/1/2005		10.24	8.73
	11/9/2005		10.45	8.52
	3/21/2006		8.77	10.20
MW-4	3/3/1994	19.88	10.89	8.99
	3/10/1994		11.19	8.69
	6/6/1994		11.85	8.03
	9/7/1994		12.86	7.02
	12/22/1994		12.26	7.62
	3/17/1995		10.10	9.78
	6/27/1995		11.05	8.83
	9/18/1995		11.84	8.04
	5/30/1996		10.97	8.91
	7/9/1997		12.08	7.80
	8/21/1998		11.86	8.02
	10/6/1998		12.84	7.04
	2/24/1999		10.79	9.09
	6/30/2000		12.39	7.49
	4/27/2001		11.26	8.62
	4/14/2005		12.01	7.87
	8/1/2005		11.78	8.10
	11/9/2005		12.42	7.46
	3/21/2006		10.00	9.88

Table 1
Groundwater Elevation Data
2250 Telegraph Avenue
Oakland, California

Monitoring Well	Date	TOC Elevation (feet) MSL	DTW (feet)	Elevation (feet) MSL
MW-5	6/26/1997	16.02	8.44	7.58
	7/9/1997		8.48	7.54
	8/21/1998		8.32	7.70
	10/6/1998		8.51	7.51
	2/24/1999		6.86	9.16
	6/30/2000		7.63	8.39
	4/27/2001		7.60	8.42
	4/15/2005		7.20	8.82
	8/1/2005		8.16	7.86
	11/9/2005		7.92	8.10
	3/21/2006		6.58	9.44
MW-6	6/26/1997	18.36	10.89	7.47
	7/9/1997		10.98	7.38
	8/21/1998		11.00	7.36
	10/6/1998		10.79	7.57
	2/24/1999		9.32	9.04
	6/30/2000		10.37	7.99
	4/27/2001		10.10	8.26
	4/15/2005		9.55	8.81
	8/1/2005		10.54	7.82
	11/9/2005		NA	NA
	3/21/2006		9.11	9.25

TOC = Top of Casing
DTW = Depth to Water
Elevation Reference: USGS benchmark W1197, 1969 with a reported elevation of +21.06 feet MSL datum.
NA = Not Accessible During This Sampling Event

Table 2
Chemical Concentrations in Groundwater
Buttner Properties
Oakland, California

			Petroleum Hydrocarbons				Volatile Organics														
Well	**Date**	**Groundwater Elevation MSL (feet)**	**TVH as Gasoline µg/l**	**TEH as Kerosene µg/l**	**TEH as Diesel µg/l**	**TEH as Motor Oil ug/l**	**Benzene µg/l**	**Toluene µg/l**	**Ethyl-benzene µg/l**	**Xylenes µg/l**	**MTBE -8020 µg/l**	**MTBE -8260 µg/l**	**TBA µg/l**	**DIPE µg/l**	**ETBE µg/l**	**TAME µg/l**	**1,1,1-TCA µg/l**	**1,2-DCA µg/l**	**1,2-DBA µg/l**	**PCE µg/l**	**Chloro-Benzene µg/l**
Soil Gas ESL*			**NV**	**NV**	**NV**	**NV**	**540**	**380,000**	**170,000**	**160,000**	**24,000**										
Groundwater ESL**			**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**										
Temp. Well 1	5/31/96	--	13,000	--	37,000	--	<50	<50	<50	380	--	--	--	--	--	--	<1	<1	--	<1	<1
Temp. Well 2	5/30/96	--	250	--	<50	--	<0.5	<0.5	13	3.4	--	--	--	--	--	--	<1	<1	--	<1	<1
Temp. Well 3	5/30/96	--	<50	--	83	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<1	20	--	<1	<1
Temp. Well 4	5/31/96	--	11,000	--	1,900	--	130	66	340	260	--	--	--	--	--	--	<1	<1	--	<1	<1
Temp. Well 5	5/30/96	--	70	--	180	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<1	<1	--	<1	<1
MW-1	3/3/94	10.16	300	<50	<50	<500	1.3	<0.5	2.7	3.1	--	--	--	--	--	--	<0.5	5.5	--	<0.5	<0.5
	6/6/94	9.19	430	180+	<50	<500	10	2.2	6.1	7.6	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	9/7/94	8.63	410	<50	<50	<500	6.4	0.8	2.6	3.8	--	--	--	--	--	--	<0.5	3.8	--	<0.5	<0.5
	12/22/94	9.72	130	<50	<50	<500	0.7	<0.5	0.6	0.8	--	--	--	--	--	--	<0.5	3.4	--	<0.5	<0.5
	3/17/95	10.82	1,600	170	<50	<500	29	<0.5	9.1	6.9	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	6/27/95	10.04	1,100	<50	<50	<500	14	<0.5	7.1	5	--	--	--	--	--	--	<0.5	3.3	--	<0.5	<0.5
	9/18/95	9.43	370	--	110+	--	4.4	0.6	2	1.4	--	--	--	--	--	--	<0.5	2.4	--	<0.5	<0.5
	8/21/98	9.55	170	--	62+	--	<0.5	0.76	0.79	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	2/24/99	10.81	20	--	280+	--	<0.5	<0.5	<0.5	<0.5	--	<2.0	--	--	--	--	--	--	--	--	--
	6/30/00	13.47	240	--	<50	--	0.7	0.8	<0.5	0.74	4.0	--	--	--	--	--	--	--	--	--	--
	4/27/01	9.99	160	--	<50	--	3.3	<0.5	0.86	<0.50	<2.0	--	--	--	--	--	--	--	--	--	--
	4/15/05	10.43	520	--	99 [LY]	<300	3.3[C]	1.8	<0.5	4.6	--	<0.5	<10	<0.5	<0.5	<0.5	--	0.6	<0.5	--	--
	8/1/05	9.99	480	--	62 [LY]	<300	<0.5	<0.5	<0.5	2.3	--	<0.5	18	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	8.02	**290[Y]**	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	**14**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	3/21/06	10.84	**390**	--	**97[LY]**	<300	**1**	<0.5	**0.6**	<0.5	--	<0.5	**16**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
MW-2	3/3/94	9.66	110	<50	<50	<500	<0.5	1.7	0.58	2.7	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	6/6/94	8.88	100	<50	<50	<500	11	<0.5	0.7	1.1	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	9/7/94	8.31	<50	<50	<50	<500	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	12/22/94	8.76	<50	<50	<50	<500	0.8	<0.5	<0.5	0.8	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	3/17/95	10.18	180	100	<50	<500	31	<0.5	1	1.8	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	6/27/95	9.33	80	<50	<50	<500	6	<0.5	<0.5	<0.5	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	9/18/95	8.36	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	8/21/98	8.12	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	2/24/99	10.12	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	<2.0	--	--	--	--	--	--	--	--	--
	6/30/00	14.24	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	2.0	--	--	--	--	--	--	--	--	--	--
	4/27/01	8.71	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	4/15/05	9.03	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	8/1/05	8.36	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	8.49	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	3/21/06	9.01	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
MW-3	3/3/94	9.47	85	<50	<50	<500	<0.5	0.77	<0.5	3.7	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	6/6/94	8.69	100	110+	<50	<500	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	2.5	0.8	--	2.1	<0.5
	9/7/94	8.22	220	<50	<50	<500	11	1.8	2.6	3.5	--	--	--	--	--	--	<0.5	<0.5	--	0.6	<0.5
	12/22/94	9.23	130	95+	<50	<500	3.8	0.5	0.6	1.2	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	3/17/95	10.12	1,500	270	<50	<500	83	6	10	15	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	6/27/95	9.03	2,500	<50	<50	<500	330	8.9	8.1	20	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	9/18/95	8.43	1,500	--	770+	--	400	11	2.2	3.3	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5

Table 2
Chemical Concentrations in Groundwater
Buttner Properties
Oakland, California

			Petroleum Hydrocarbons				Volatile Organics														
Well	**Date**	**Groundwater Elevation MSL (feet)**	**TVH as Gasoline µg/l**	**TEH as Kerosene µg/l**	**TEH as Diesel µg/l**	**TEH as Motor Oil ug/l**	**Benzene µg/l**	**Toluene µg/l**	**Ethyl-benzene µg/l**	**Xylenes µg/l**	**MTBE -8020 µg/l**	**MTBE -8260 µg/l**	**TBA µg/l**	**DIPE µg/l**	**ETBE µg/l**	**TAME µg/l**	**1,1,1-TCA µg/l**	**1,2-DCA µg/l**	**1,2-DBA µg/l**	**PCE µg/l**	**Chloro-Benzene µg/l**
Soil Gas ESL*			**NV**	**NV**	**NV**	**NV**	**540**	**380,000**	**170,000**	**160,000**	**24,000**										
Groundwater ESL**			**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**										
MW-3 Contd	8/21/98	8.61	2,300	--	600+	--	410	9.3	36	25	<10	--	--	--	--	--	--	--	--	--	--
	2/24/99	10.39	55	--	110+	--	<0.5	<0.5	<0.5	<0.5	--	<2.0	--	--	--	--	--	--	--	--	--
	6/30/00	10.83	110	--	83+	--	<0.5	<0.5	0.51	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	4/27/01	8.67	<50	--	690+	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/05	9.12	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	8/1/05	9.39	410	--	150 [HLY]	750	17	<0.5	0.87c	1.4	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	8.73	**1,100[Y]**	--	**110[LY]**	<300	**150**	**3.4**	**6.1**	**3.8**	--	<0.5	**13**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	3/21/06	8.52	**100**	--	**61[Y]**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	**12**	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
MW-4	3/3/94	8.99	4,300	<50	240	<500	220	20	7.5	17	--	--	--	--	--	--	<0.5	5.9	--	<0.5	4.4
	6/6/94	8.03	4,400	<50	800+	<500	140	<0.5	<0.5	<0.5	--	--	--	--	--	--	<0.5	<0.5	--	<0.5	<0.5
	9/7/94	7.02	10,000	490+	280+	<500	84	<0.5	42	69	--	--	--	--	--	--	<0.5	4.4	--	0.5	4.3
	12/22/94	7.62	2,400	450+	54+	<500	11	<0.5	7.1	11	--	--	--	--	--	--	<0.5	3.6	--	3.6	<0.5
	3/17/95	9.78	2,200	380	160+	<500	<0.5	<0.5	7.9	10	--	--	--	--	--	--	<0.5	1.7	--	<0.5	4.5
	6/27/95	8.83	3,100	<50	82	<500	<0.5	<0.5	13	19	--	--	--	--	--	--	<0.5	2.3	--	<0.5	4.8
	9/18/95	8.04	3,000	--	1,231+	--	12	<0.7	6.9	8.3	--	--	--	--	--	--	<0.5	1.9	--	<0.5	4.0
	8/21/98	8.02	1,700	--	600+	--	8.2	12	13	5.2	<2.0	-	--	--	--	--	--	--	--	--	--
	2/24/99	9.09	2,700	--	2,100+	--	4.3	0.64	<0.5	0.54	--	<2.0	--	--	--	--	--	--	--	--	--
	6/30/00	11.74	6,700	--	3,200+	--	3.1	1.7	11	16.7	27	--	--	--	--	--	--	--	--	--	--
	4/27/01	8.62	1,900	--	710	--	<0.5	<0.5	<0.5	<0.5	14	--	--	--	--	--	--	--	--	--	--
	4/14/05	7.87	2,900	--	2,200 [HLY]	2,500	<0.5	<0.5	<0.5	5.1	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	8/1/05	8.10	2,000	--	2,100 [HLY]	3400[L]	<0.5	<0.5	<0.5	5.8c	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	7.46	**2,000Y**	--	**1,900[HLY]**	**2,300[L]**	**1.2**	<0.5	<0.5	**0.8**	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	3/21/06	9.88	**2,200**	--	**2,800[HLY]**	**4,000[L]**	**1.2**	<0.5	<0.5	**0.7**	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
MW-5	6/26/97	7.58	120	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<0.5	<0.5	--	1.6	<0.5
	8/21/98	7.70	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	2/24/99	9.16	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	<2.0	--	--	--	--	--	--	--	--	--
	6/30/00	8.39	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	5.1	--	--	--	--	--	--	--	--	--	--
	4/27/01	8.42	<50	--	<50	--	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--	--	--
	4/14/05	8.82	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	8/1/05	7.86	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	8.10	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	3/21/06	9.44	<50	--	<50	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
MW-6	6/26/97	7.47	1,500+	--	450+	--	<0.5	<0.5	11	<0.5	-	-	--	--	--	--	<0.5	<0.5	--	<0.5	1.7
	8/21/98	7.36	1,400	--	540+	--	<0.5	3.6	5.6	0.4	5.7	3.2	--	--	--	--	--	--	--	--	--
	2/24/99	9.04	1,600	--	600+	--	<0.5	<0.5	0.56	<0.5	--	2.3	--	--	--	--	--	--	--	--	--
	6/30/00	8.04	1,900	--	360+	--	0.56	3	5.4	3.5	30	--	--	--	--	--	--	--	--	--	--
	4/27/01	8.26	1,600	--	440	--	<0.5	<0.5	<0.5	<0.5	3.3	--	--	--	--	--	--	--	--	--	--
	4/14/05	8.81	2,100	--	890 [LY]	<300	<0.5	<0.5	<0.5	5.9	--	0.7	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	8/1/05	7.82	2,100	--	670 [LY]	<300	<0.5	<0.5	<0.5	<0.5	--	<0.5	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--
	11/9/05	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/21/06	9.25	**1,900**	--	**850LY**	<300	<0.5	<0.5	<0.5	<0.5	--	**0.5**	<10	<0.5	<0.5	<0.5	--	<0.5	<0.5	--	--

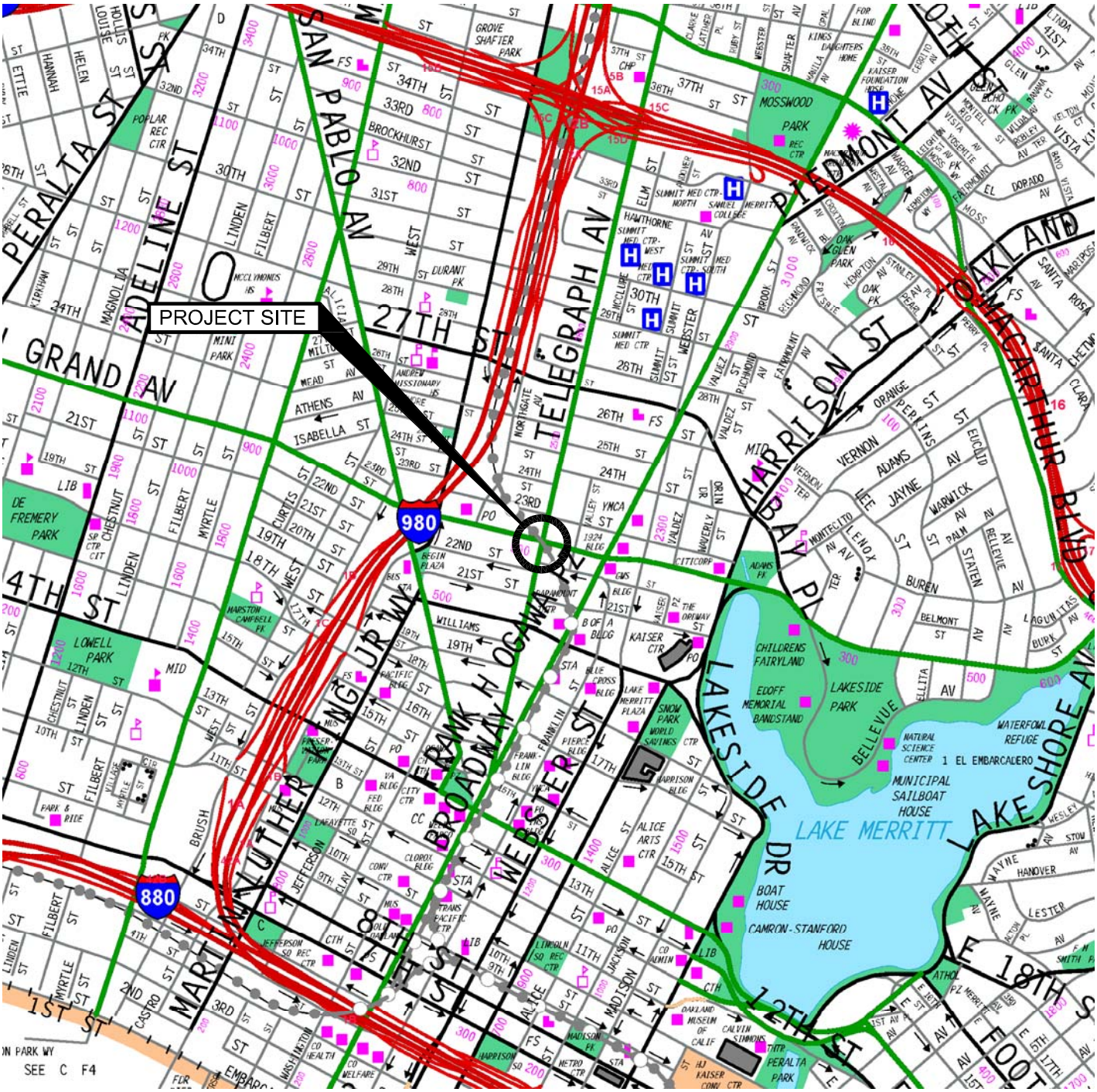
Table 2
Chemical Concentrations in Groundwater
Buttner Properties
Oakland, California

			Petroleum Hydrocarbons				Volatile Organics														
Well	**Date**	**Groundwater Elevation MSL (feet)**	**TVH as Gasoline µg/l**	**TEH as Kerosene µg/l**	**TEH as Diesel µg/l**	**TEH as Motor Oil ug/l**	**Benzene µg/l**	**Toluene µg/l**	**Ethyl-benzene µg/l**	**Xylenes µg/l**	**MTBE -8020 µg/l**	**MTBE -8260 µg/l**	**TBA µg/l**	**DIPE µg/l**	**ETBE µg/l**	**TAME µg/l**	**1,1,1-TCA µg/l**	**1,2-DCA µg/l**	**1,2-DBA µg/l**	**PCE µg/l**	**Chloro-Benzene µg/l**
Soil Gas ESL*			**NV**	**NV**	**NV**	**NV**	**540**	**380,000**	**170,000**	**160,000**	**24,000**										
Groundwater ESL**			**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**										

Notes

DCA = Dichloroethane
DBA = Dibromoethane
TCA = Trichloroethane
PCE = Tetrachloroethene
MTBE = Methyl tert butyl ether
TBA = Tert butyl alcohol
DIPE = Isopropyl alcohol
ETBE = Ethyl tert butyl ether
TAME = Methyl tert amyl ether
-- = Chemical not tested for
NR = Hydrocarbon range not reported by laboratory
\+ = Uncategorized hydrocarbons quantified in ranges specified
mg/l = milligrams per liter = parts per million
µg/l = micrograms per liter = parts per billion
<1 = Chemical not present at a concentration greater than the laboratory detection limit shown or stated on test reports
C = Presence Confirmed, but RPD between colums exceeds 40%
Y = Sample exhibits chromatographic pattern which does not resember standard
H = Heavier hydrocarbon contributed to the quantitation
L = Lighter hydrocarbon contributed to the quantitation
* = Environmental Screening Levels established by the San Francisco Bay Regional Water Qaulity Control Board Table E-1Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns
** = Environmental Screening Levels established by the San Francisco Bay Regional Water Qaulity Control Board Table F-1a Groundwater Screening Levels (groundwater is a current potential drinking water resource
NA = Not Accessible During This Sampling Event
-- = Not Analyzed

PLATES



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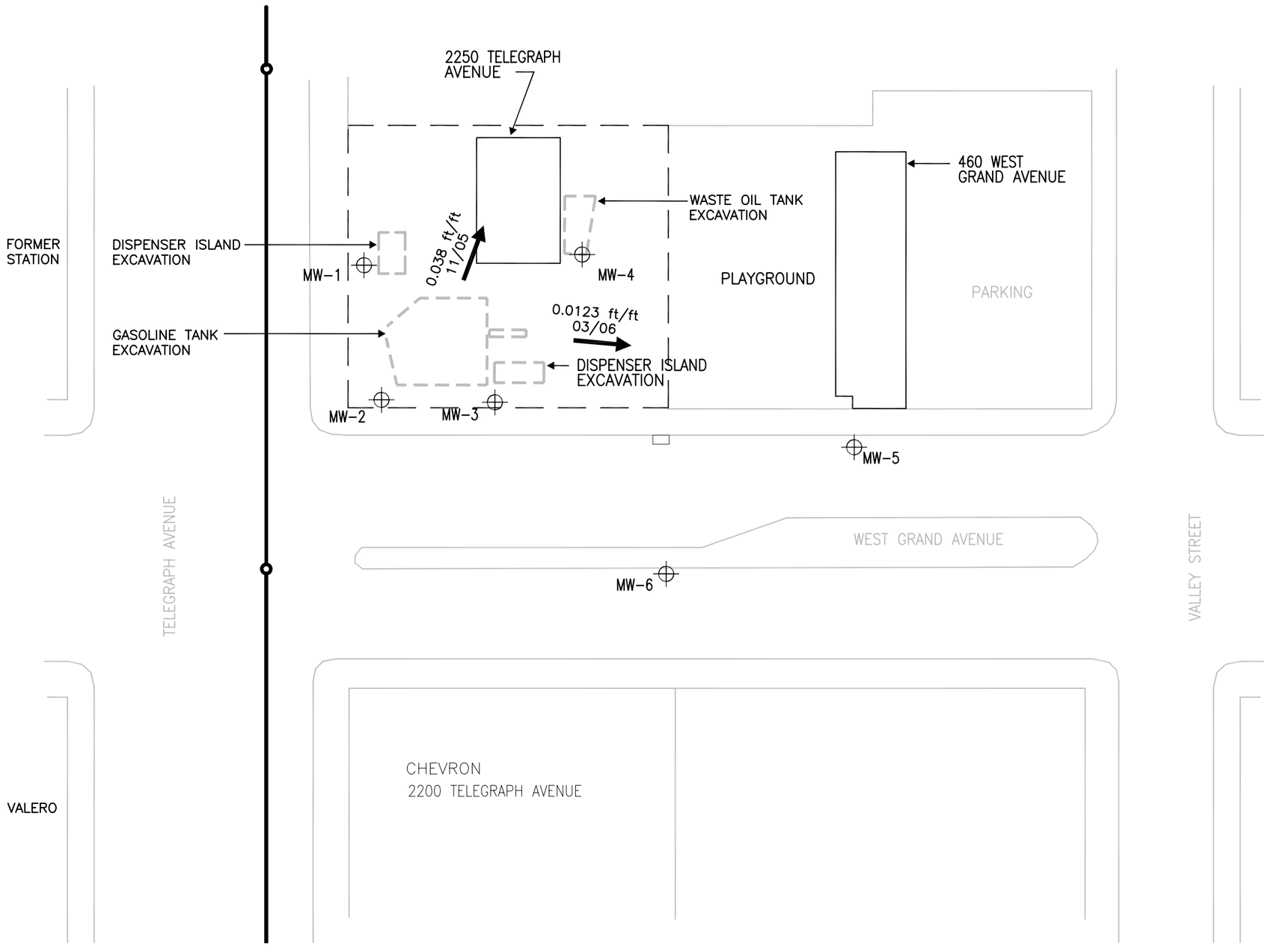
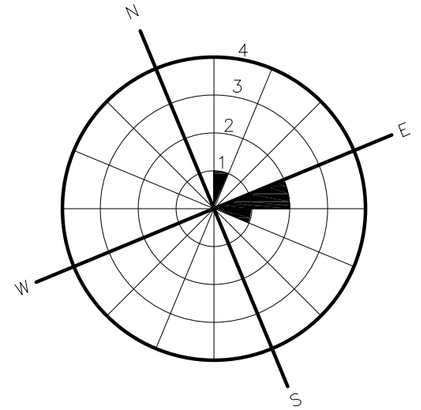
SOURCE: This Site Vicinity Map is based on The Thomas Guide Digital Edition 2003, Bay Area Metro, Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Santa Clara Counties.

NORTH
0 1500 3000
FEET

VICINITY MAP
2250 Telegraph Avenue
Oakland, California





ROSE DIAGRAM SHOWING GROUNDWATER FLOW DIRECTION

EXPLANATION

- EXISTING STRUCTURE
- LIMITS OF EXCAVATIONS
- MONITORING WELL LOCATION
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NORTH

0 40 80

FEET

SITE PLAN
2250 Telegraph Avenue
Oakland, California

PLATE 2

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APPENDIX A

WELL SAMPLING FORMS

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Avenue
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 11/9/2005
WEATHER: Bright Sunny Mild.

WELL NO.: MW-1
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.31 FEET
DEPTH TO GROUNDWATER (BTOC): 12.53 FEET
FEET OF WATER IN WELL: 5.78 FEET

CALCULATED PURGE VOLUME: 2.823 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: NA
PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1240	21.61	6.09	863	0.598	236.1	0.99	slight hydrocarbon odor
2	1247	21.41	6.31	877	0.612	213.4	3.70	"
3	1249	21.37	6.26	880	0.614	187.3	3.42	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 16 TIME SAMPLED: 1255

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
6 / HCL — 40 ML
1 Amber / — LITER
/ — Poly
/ — OTHER

ANALYSES: (Note if any samples are field filtered)

_____ TEHd, TEHmo (8015 w/ Silica gel)
_____ TVHg, BTEX, MTBE (8015/8020)
_____ VOCs (8260)
_____ HVOCs (8260)
_____ Title 22 Metals (6010/9000)
_____ Pesticides (8080)
_____ PCBs (8080)
_____ Sulfate (300.0)
_____ Nitrate (300.0)
_____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Avenue
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 11/9/2005
WEATHER: Bright Sunny Mild

WELL NO.: MW-2
WELL CASING DIAMETER: 2
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 16.85 FEET
DEPTH TO GROUNDWATER (BTOC): 11.54 FEET
FEET OF WATER IN WELL: 5.31 FEET

CALCULATED PURGE VOLUME: 2.6 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: NA
PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1156	20.85	6.02	486	0.343	330.6	1.44	
1	1203	20.98	6.46	267	0.188	296.3	3.47	
~~2.6~~ 2.6		20.95	6.42	514	0.362	273.8	3.29	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 13.31 TIME SAMPLED: 1215

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 6 / HCL — 40 ML; 1 Amber — LITER; / — Poly; / — OTHER

ANALYSES: (Note if any samples are field filtered)

_____ TEHd, TEHmo (8015 w/ Silica gel)
_____ TVHg, BTEX, MTBE (8015/8020)
_____ VOCs (8260)
_____ HVOCs (8260)
_____ Title 22 Metals (6010/9000)
_____ Pesticides (8080)
_____ PCBs (8080)
_____ Sulfate (300.0)
_____ Nitrate (300.0)
_____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION:

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Avenue
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 11/9/2005
WEATHER: Bright Sunny

WELL NO.: MW-3
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 16.8 FEET

DEPTH TO GROUNDWATER (BTOC): 10.45 FEET

FEET OF WATER IN WELL: 5.85 FEET

CALCULATED PURGE VOLUME: 2.8 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: NA

PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1107	20.82	6.19	610	0.431	295.2	2.21	$
2	1114	20.98	6.42	762	0.536	254.4	3.22	Slight hydrocarbon odor
3		20.93	6.56	766	0.540	224.9	3.37	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 16 TIME SAMPLED: 1135

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

6 / HCL	40 ML	1 Amber / —	LITER
/	Poly	/	OTHER

ANALYSES: (Note if any samples are field filtered)

- _____ TEHd, TEHmo (8015 w/ Silica gel)
- _____ TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Avenue
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 11/9/2005
WEATHER: Bright sunny mild

WELL NO.: MW-H
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.3 FEET

DEPTH TO GROUNDWATER (BTOC): 12.42 FEET

FEET OF WATER IN WELL: 5.88 FEET

CALCULATED PURGE VOLUME: 2.9 ≈ 3 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: NA

PURGE METHOD: Disposable bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1320	20.82	6.26	574	0.405	181.0	1.25	hydrocarbon odor
2	1326	20.95	6.41	601	0.423	98.0	3.00	11
3	1330	20.94	6.39	622	0.438	10.5	3.08	11

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 14.58 TIME SAMPLED: 1340

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

6 / HCL — 40 ML

1 Amber / — LITER

/ — Poly

/ — OTHER

ANALYSES: (Note if any samples are field filtered)

_____ TEHd, TEHmo (8015 w/ Silica gel)
_____ TVHg, BTEX, MTBE (8015/8020)
_____ VOCs (8260)
_____ HVOCs (8260)
_____ Title 22 Metals (6010/9000)
_____ Pesticides (8080)
_____ PCBs (8080)
_____ Sulfate (300.0)
_____ Nitrate (300.0)
_____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: Slight sheen

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Avenue
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 11/9/2005
WEATHER: Bright Sunny mild

WELL NO.: MW-5
WELL CASING DIAMETER: 2
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 17.14 FEET
DEPTH TO GROUNDWATER (BTOC): 7.92 FEET
FEET OF WATER IN WELL: 9.48 FEET

CALCULATED PURGE VOLUME: 4.6 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: N A
PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1017	21.93	6.01	355	0.245	297.8	2.07	
2	1025	21.77	6.08	344	0.239	271.0	3.45	turbid
3	1028	21.78	6.33	348	0.241	255.3	3.47	
5	1032	21.85	6.35	352	0.243	249.9	3.19	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.95 TIME SAMPLED: 1035

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
6 / HCL — 40 ML
1 Amber / — LITER
/ — Poly
/ — OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: 5

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WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Sunny mild

WELL NO.: MW-1
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.31 FEET

DEPTH TO GROUNDWATER (BTOC): 9.71 FEET

FEET OF WATER IN WELL: 8.6 FEET

CALCULATED PURGE VOLUME: 4.2 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: _____

PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1022	18.93	6.41	1003	.737	37.1	1.63	
2	1027	18.43	6.58	988	.734	37.3	2.84	
4	1030	18.74	6.61	987	.728	28.7	2.67	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 15.85 TIME SAMPLED: 1045

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

5 / ~~none~~ HCL	40 ML	1 / none	LITER
/	Poly	/	OTHER

ANALYSES: (Note if any samples are field filtered)

- x TEHd, TEHmo (8015 w/ Silica gel)
- x TVHg, BTEX, MTBE (8015/8020)
- x VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe $^{2+}$ - Field Filtered

Lead Scavengers

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Overcast Cold

WELL NO.: MW-2
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 16.85 FEET

DEPTH TO GROUNDWATER (BTOC): 11.02 FEET

FEET OF WATER IN WELL: 5.83 FEET

CALCULATED PURGE VOLUME: 2.85 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: NA

PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0930	18.2	6.54	567	.424	39.0	2.24	
1	0936	18.17	6.77	582	.397	36.8	3.38	
2	0938	18.17	6.79	588	.440	30.0	2.90	
3	0940	18.26	6.83	588	.439	26.0	2.83	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 12.25 TIME SAMPLED: 0950

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

5 / HCL ~~none~~ — 40 ML

1 / none — LITER

_____ / _____ — Poly

_____ / _____ — OTHER

ANALYSES: (Note if any samples are field filtered)

- x TEHd, TEHmo (8015 w/ Silica gel)
- x TVHg, BTEX, MTBE (8015/8020)
- x VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

Lead Scavengers

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Overcast cold

WELL NO.: MW-3
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 16.3 FEET

DEPTH TO GROUNDWATER (BTOC): 8.77 FEET

FEET OF WATER IN WELL: 7.53 FEET

CALCULATED PURGE VOLUME: 3.6 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: NA

PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0839	17.45	6.24	839	.637	46.0	3.03	
2	0845	17.43	6.39	816	.616	43.8	3.16	
4	0850	18.07	6.53	830	.622	34.3	2.98	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 15.10 TIME SAMPLED: 0900

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

5 / ~~none~~ HCL — 40 ML

1 / none — LITER

/ — Poly

/ — OTHER

ANALYSES: (Note if any samples are field filtered)

- x TEHd, TEHmo (8015 w/ Silica gel)
- x TVHg, BTEX, MTBE (8015/8020)
- x VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

Lead Scavengers

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Overcast Cold

WELL NO.: MW-4
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.3 FEET
DEPTH TO GROUNDWATER (BTOC): 10.0 FEET
FEET OF WATER IN WELL: 8.3 FEET

CALCULATED PURGE VOLUME: 4.1 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: slight sheen
PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1104	18.49	6.33	683	.506	24.3	2.79	~~slight~~ hydrocarbon odor
2	1111	18.61	6.60	697	.516	-9.8	3.16	
4	1117	18.94	6.72	708	.520	-23.8	3.82	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): _____ TIME SAMPLED: 1120

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

5 / ~~none~~ HCL		1 / none	
40 ML		LITER	
/		/	
Poly		OTHER	

ANALYSES: (Note if any samples are field filtered)

x TEHd, TEHmo (8015 w/ Silica gel)	_____ Pesticides (8080)	Lead Scavengers	
x TVHg, BTEX, MTBE (8015/8020)	_____ PCBs (8080)		
x VOCs (8260)	_____ Sulfate (300.0)		
_____ HVOCs (8260)	_____ Nitrate (300.0)		
_____ Title 22 Metals (6010/9000)	_____ Fe $^{2+}$ - Field Filtered		

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Overcast Cold

WELL NO.: MW-5
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 17.14 FEET
DEPTH TO GROUNDWATER (BTOC): 6.58 FEET
FEET OF WATER IN WELL: 10.82 FEET

CALCULATED PURGE VOLUME: 5.3 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: NA
PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0713	18.14	6.44	414	.309	35.2	1.72	
2	0719	17.95	6.24	414	.311	51.3	2.99	
4	0723	18.10	6.36	414	.310	44.6	2.72	
5.3	0726	18.06	6.36	414	.310	43.5	2.68	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.65 TIME SAMPLED: 0740

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

6 / ~~none~~ HCL	40 ML	1 / none	LITER
/	Poly	/	OTHER

ANALYSES: (Note if any samples are field filtered)

- x TEHd, TEHmo (8015 w/ Silica gel)
- x TVHg, BTEX, MTBE (8015/8020)
- x VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

Lead Scavengers

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 2250 Telegraph Ave
PROJECT NO.: 609.004
SAMPLED BY: Obi Nzewi
DATE: 3/21/2006
WEATHER: Overcast cold

WELL NO.: MW-6
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.95 FEET

DEPTH TO GROUNDWATER (BTOC): 9.11 FEET

FEET OF WATER IN WELL: 9.84 FEET

CALCULATED PURGE VOLUME: 4.97 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: NA

PURGE METHOD: Disposable Bailer

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0615	19.5	6.73	957	0.54	-19.1	3.9	Slight hydrocarbon odor.
2	0621	19.47	6.84	945	0.68	-3.4	3.4	
4	0629	19.57	6.92	945	0.685	-8.1	3.13	
5	0633	19.52	6.95	946	0.682	-9.7	3.01	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 9.3 TIME SAMPLED: 0640

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

6 / ~~none~~ HCL	40 ML	1 / none	LITER
/	Poly	/	OTHER

ANALYSES: (Note if any samples are field filtered)

- x TEHd, TEHmo (8015 w/ Silica gel)
- x TVHg, BTEX, MTBE (8015/8020)
- x VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

Lead Scavengers

MISC FIELD OBSERVATION: _____

ANALYTICAL TEST REPORT
AND CHAIN OF CUSTODY FORM

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Fugro West Inc.
1000 Broadway
Suite 200
Oakland, CA 94607

Date: 03-APR-06
Lab Job Number: 185674
Project ID: 609.004
Location: 2250 Telgraph Av. Oakland

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**185674**
Client:	**Fugro West Inc.**
Project:	**609.004**
Location:	**2250 Telgraph Av. Oakland**
Request Date:	**03/21/06**
Samples Received:	**03/21/06**

This hardcopy data package contains sample and QC results for six water samples, requested for the above referenced project on 03/21/06. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
High surrogate recovery was observed for trifluorotoluene (FID) in MW-6 (lab # 185674-006); the corresponding bromofluorobenzene (FID) surrogate recovery was within limits. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

185674

CHAIN OF CUSTODY

PROJECT NAME: 2250 Telegraph Ave

PROJECT NO.: 609.004 LAB: C&T

PROJECT CONTACT: Obi Nzewi TURNAROUND: Standard

SAMPLED BY: Obi Nzewi

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX: WATER	SOIL	AIR		CONTAINERS: VOA	LITER	PINT	TUBE			PRESERVATIVE: HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	SAMPLING DATE: MONTH	DAY	YEAR	TIME	NOTES	ANALYSIS REQUESTED: TPHg (8015m)	TPHd and mo (8015m w/silica)	BTEX, MTBE, 5 Fuel Oxygenates (8260)	Lead Scavengers	EDD
1	MW-1	X				5	1					X			X		X	03	21	06	1045		X	X	X	X	X
2	MW-2	X				5	1					X			X		X	03	21	06	0950		X	X	X	X	X
3	MW-3	X				~~5~~ 6 (JW 3-21-06)	1					X			X		X	03	21	06	0900		X	X	X	X	X
4	MW-4	X				5	1					X			X		X	03	21	06	1120		X	X	X	X	X
5	MW-5	X				6	1					X			X		X	03	21	06	0740		X	X	X	X	X
6	MW-6	X				6	1					X			X		X	03	21	06	0640		X	X	X	X	X

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	3/21/06 1310	[signature]	3/21/06 13:10

COMMENTS & NOTES:

~~Preservation Correct? ☐ Yes ☐ No ☐ N/A~~

~~Received ☒ On Ice ☒ Cold ☐ Ambient ☒ Intact~~

FUGRO

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/21/06
Units:	ug/L	Received:	03/21/06
Batch#:	111511		

Field ID: MW-1
Type: SAMPLE
Lab ID: 185674-001
Diln Fac: 1.000
Analyzed: 03/21/06

Analyte	Result	RL
Gasoline C7-C12	390	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	69-137
Bromofluorobenzene (FID)	122	80-133

Field ID: MW-2
Type: SAMPLE
Lab ID: 185674-002
Diln Fac: 1.000
Analyzed: 03/21/06

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	69-137
Bromofluorobenzene (FID)	113	80-133

Field ID: MW-3
Type: SAMPLE
Lab ID: 185674-003
Diln Fac: 1.000
Analyzed: 03/21/06

Analyte	Result	RL
Gasoline C7-C12	100	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	69-137
Bromofluorobenzene (FID)	122	80-133

Field ID: MW-4
Type: SAMPLE
Lab ID: 185674-004
Diln Fac: 2.000
Analyzed: 03/22/06

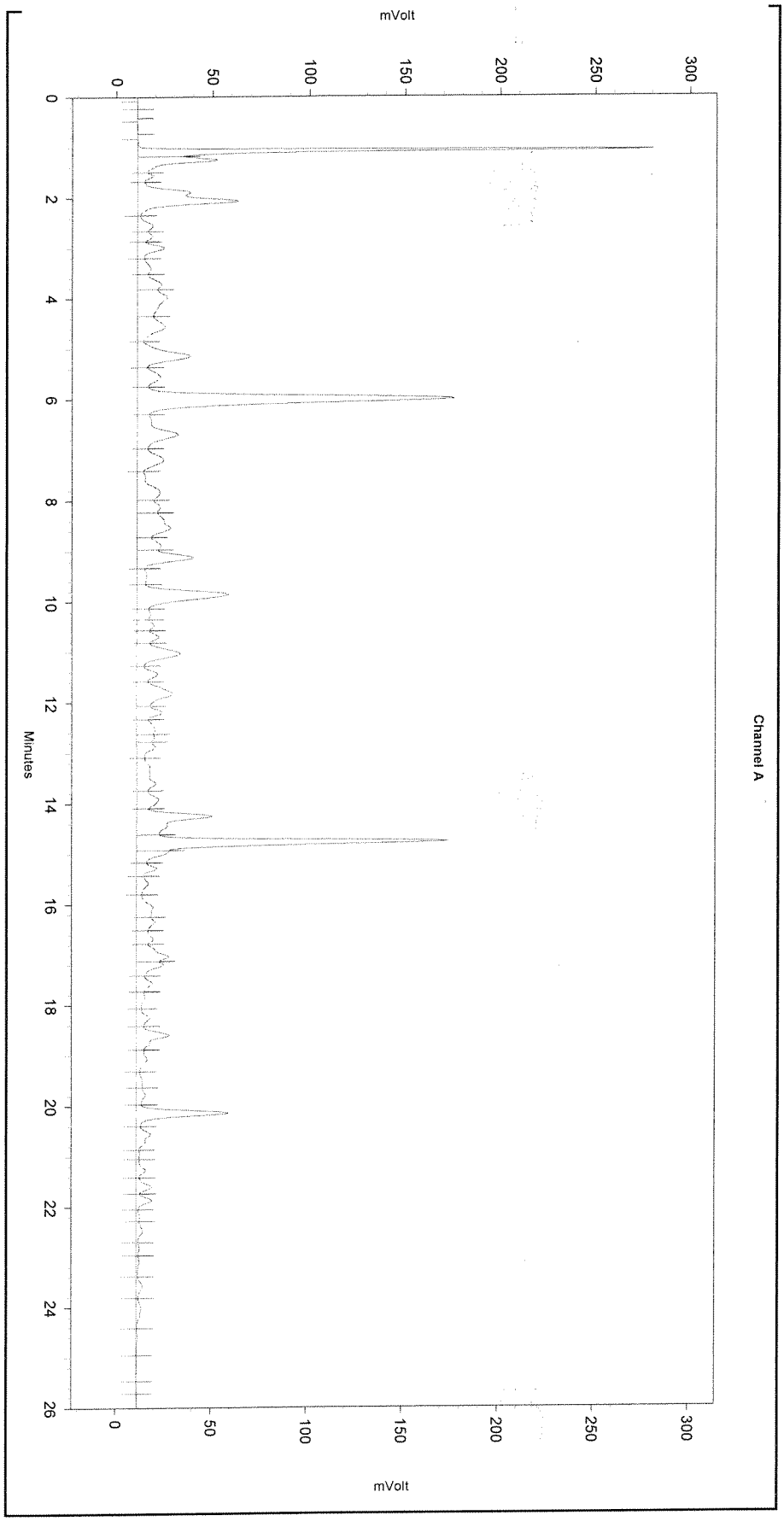
Analyte	Result	RL
Gasoline C7-C12	2,200	100

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	69-137
Bromofluorobenzene (FID)	111	80-133

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Sample Name: **mss,185674-001,111511,tvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\080_007**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\080.seq**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe073.met

Software Version 3.1.7
Run Date: 3/21/2006 5:28:05 PM
Analysis Date: 3/22/2006 10:34:12 AM
Sample Amount: 5



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No items selected for this section

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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10
Yes	Reset Baseline	0.822	0	0

Manual Integration Fixes

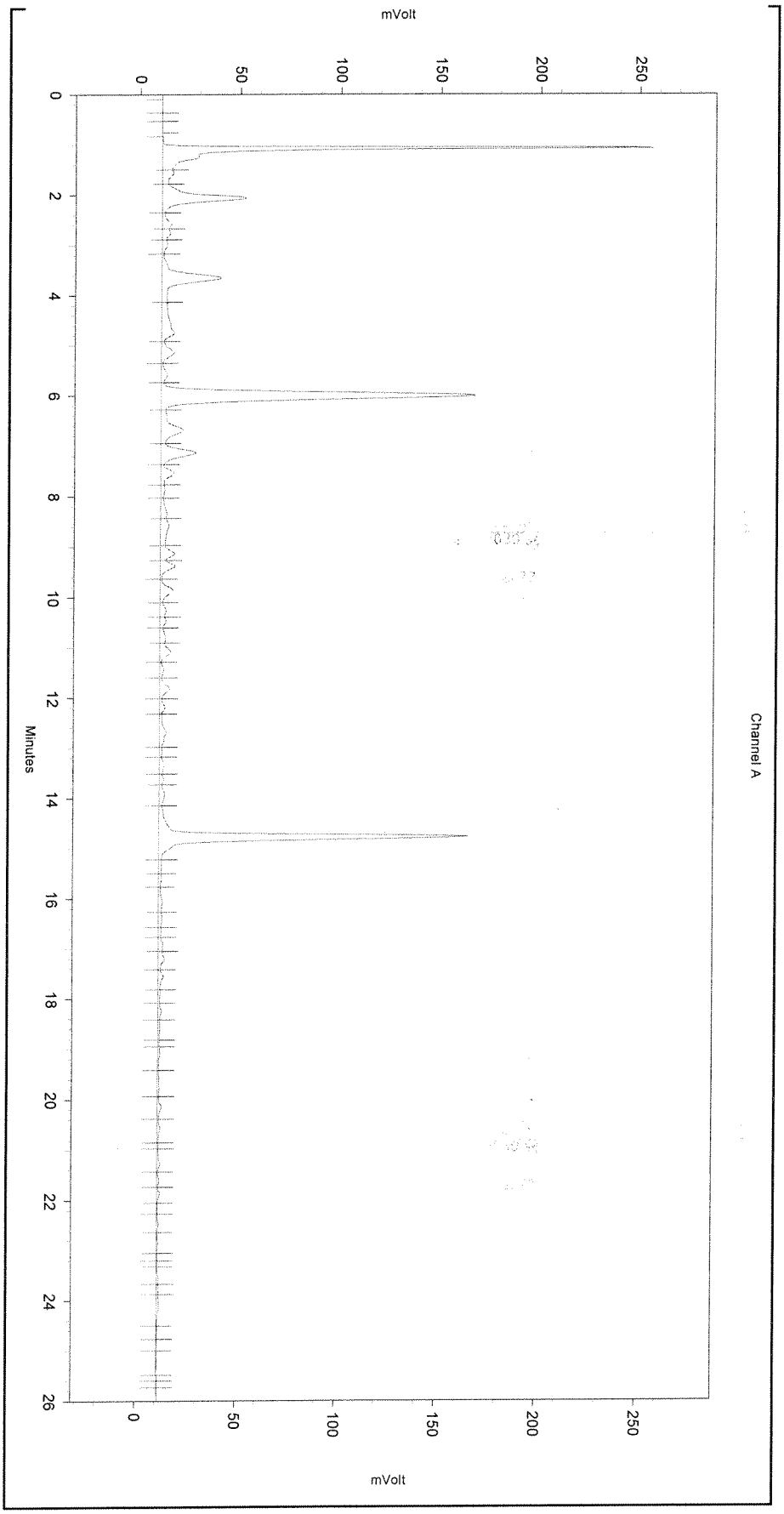
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\080_007

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.929	0	0

MW-1

Sample Name: 185674-003,111511,tvh
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\080_009
Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\080.seq
Instrument: GC04 Vial: N/A Operator: lims2k3\tvh2
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe073.met

Software Version 3.1.7
Run Date: 3/21/2006 6:40:11 PM
Analysis Date: 3/21/2006 7:09:38 PM
Sample Amount: 5



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10
Yes	Reset Baseline	0.822	0	0

Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application Data\ChromatographySystem\Recovery Data\Instrument.10047\080_009_2CF0.tmp

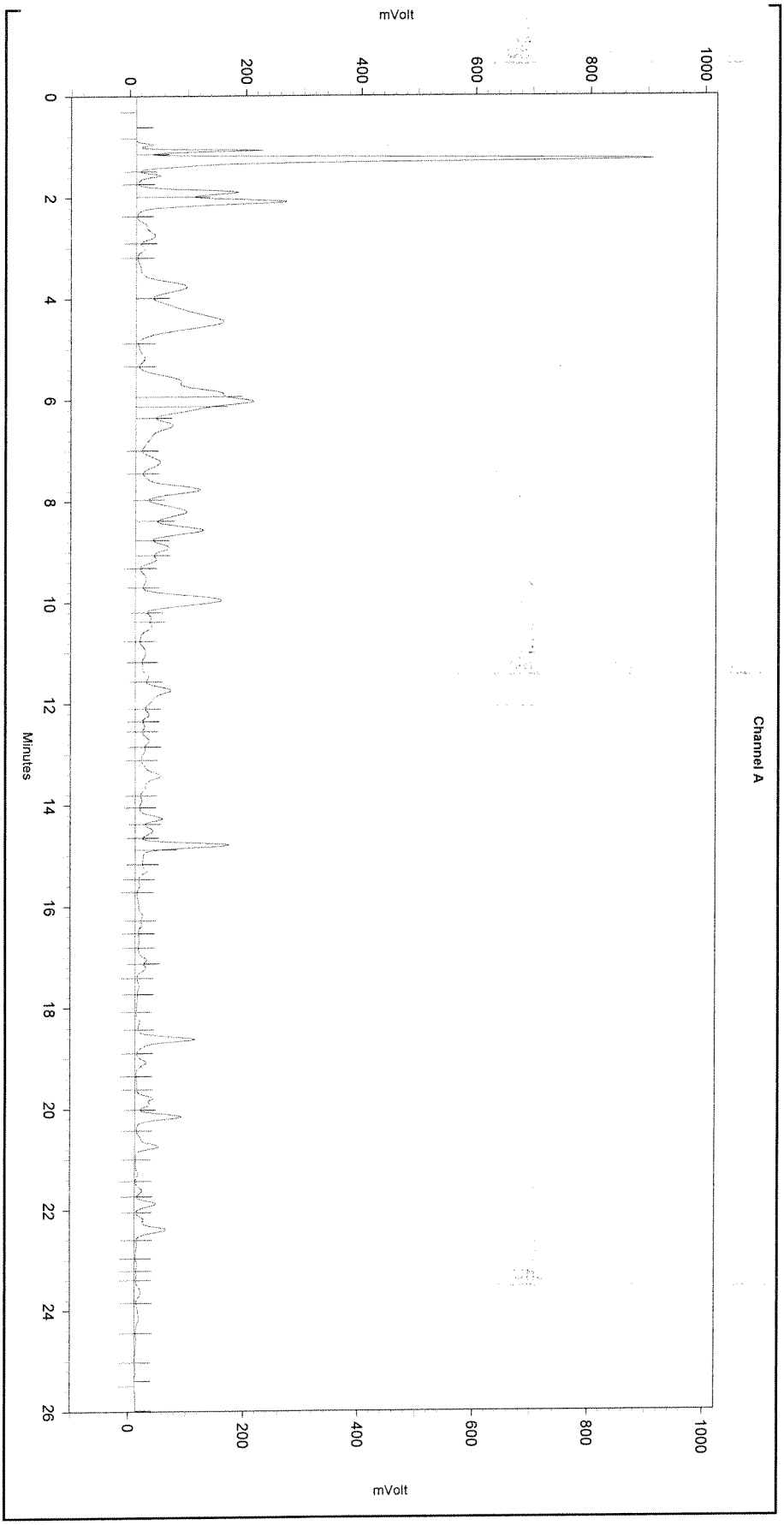
Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

MW-3

Sample Name: **185674-004,111511,2x,tvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\080_017**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\080.seq**
Instrument: GC04 Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe073.met

Software Version 3.1.7
Run Date: 3/22/2006 11:29:23 AM
Analysis Date: 3/22/2006 1:03:09 PM
Sample Amount: 5



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10
Yes	Reset Baseline	0.822	0	0

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\080_017

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.94	0	0
Yes	Split Peak	6.129	0	0
Yes	Split Peak	14.89	0	0

MW-4

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/21/06
Units:	ug/L	Received:	03/21/06
Batch#:	111511		

Field ID:	MW-5	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	03/21/06
Lab ID:	185674-005		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	69-137
Bromofluorobenzene (FID)	117	80-133

Field ID:	MW-6	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	03/22/06
Lab ID:	185674-006		

Analyte	Result	RL
Gasoline C7-C12	1,900	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	159 *	69-137
Bromofluorobenzene (FID)	128	80-133

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC332363	Analyzed:	03/21/06

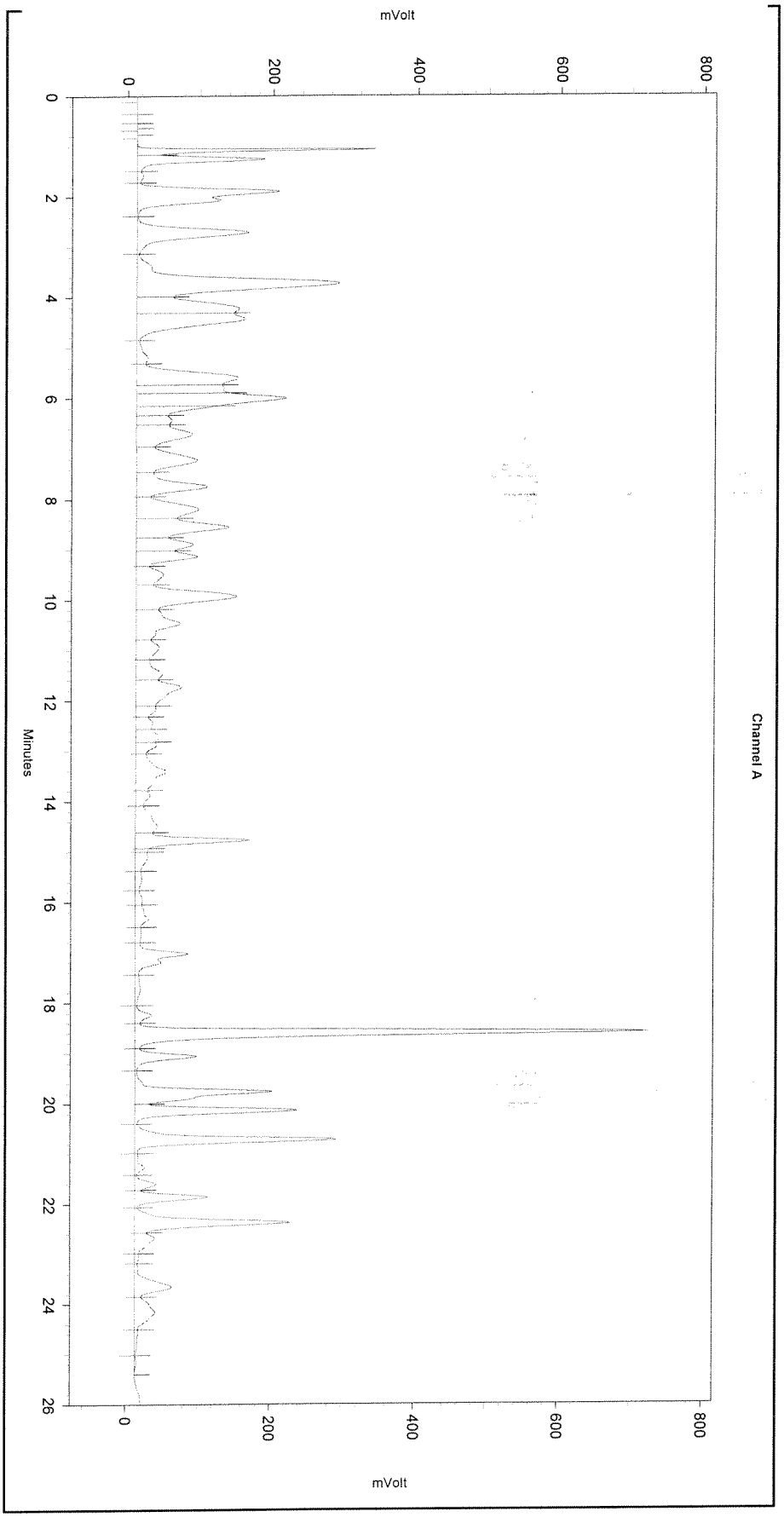
Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	69-137
Bromofluorobenzene (FID)	94	80-133

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Sample Name: **185674-006,111511,tvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\080_014**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\080.seq**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe073.met

Software Version 3.1.7
Run Date: 3/22/2006 9:03:11 AM
Analysis Date: 3/22/2006 10:38:56 AM
Sample Amount: 5



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10
Yes	Reset Baseline	0.822	0	0

Manual Integration Fixes

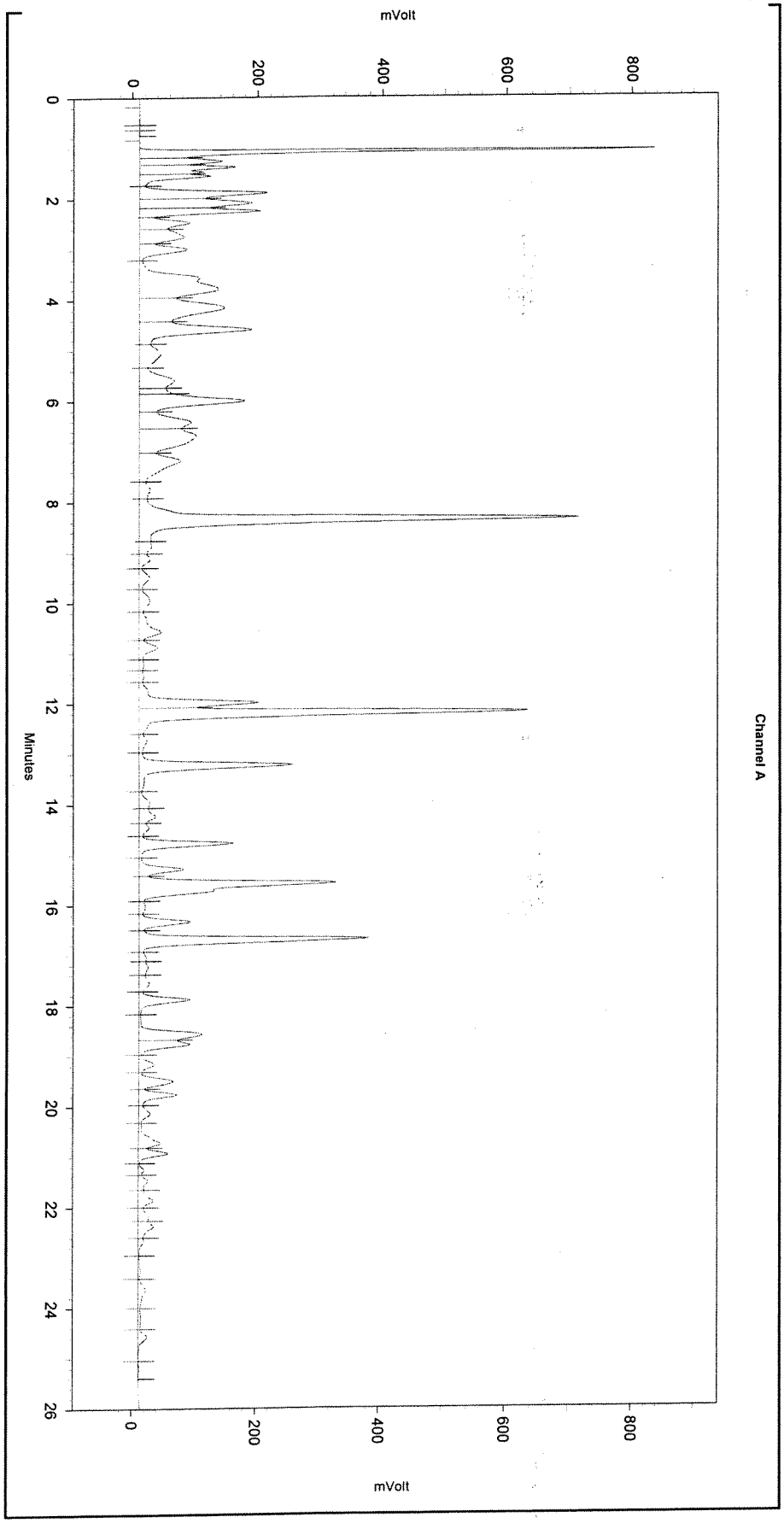
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\080_014

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.893	0	0
Yes	Split Peak	6.153	0	0
Yes	Split Peak	14.941	0	0

MW-6

Sample Name: **ccv/lcs,qc332365,111511,S2869,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\080_003**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\080.seq**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe073.met

Software Version 3.1.7
Run Date: 3/21/2006 3:03:42 PM
Analysis Date: 3/22/2006 10:26:58 AM
Sample Amount: 5



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10
Yes	Reset Baseline	0.822	0	0

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\080_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.848	0	0

Gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC332365	Batch#:	111511
Matrix:	Water	Analyzed:	03/21/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,887	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	69-137
Bromofluorobenzene (FID)	110	80-133

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8015B
Field ID:	MW-1	Batch#:	111511
MSS Lab ID:	185674-001	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/21/06
Diln Fac:	1.000		

Type: MS Lab ID: QC332396

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	393.7	2,000	2,296	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	131	69-137
Bromofluorobenzene (FID)	130	80-133

Type: MSD Lab ID: QC332397

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,272	94	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	131	69-137
Bromofluorobenzene (FID)	125	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 3520C
Project#:	609.004	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/21/06
Units:	ug/L	Received:	03/21/06
Diln Fac:	1.000	Prepared:	03/25/06
Batch#:	111684	Analyzed:	03/27/06

Field ID: MW-1 Lab ID: 185674-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	97 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	90	65-130

Field ID: MW-2 Lab ID: 185674-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	89	65-130

Field ID: MW-3 Lab ID: 185674-003
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	61 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	91	65-130

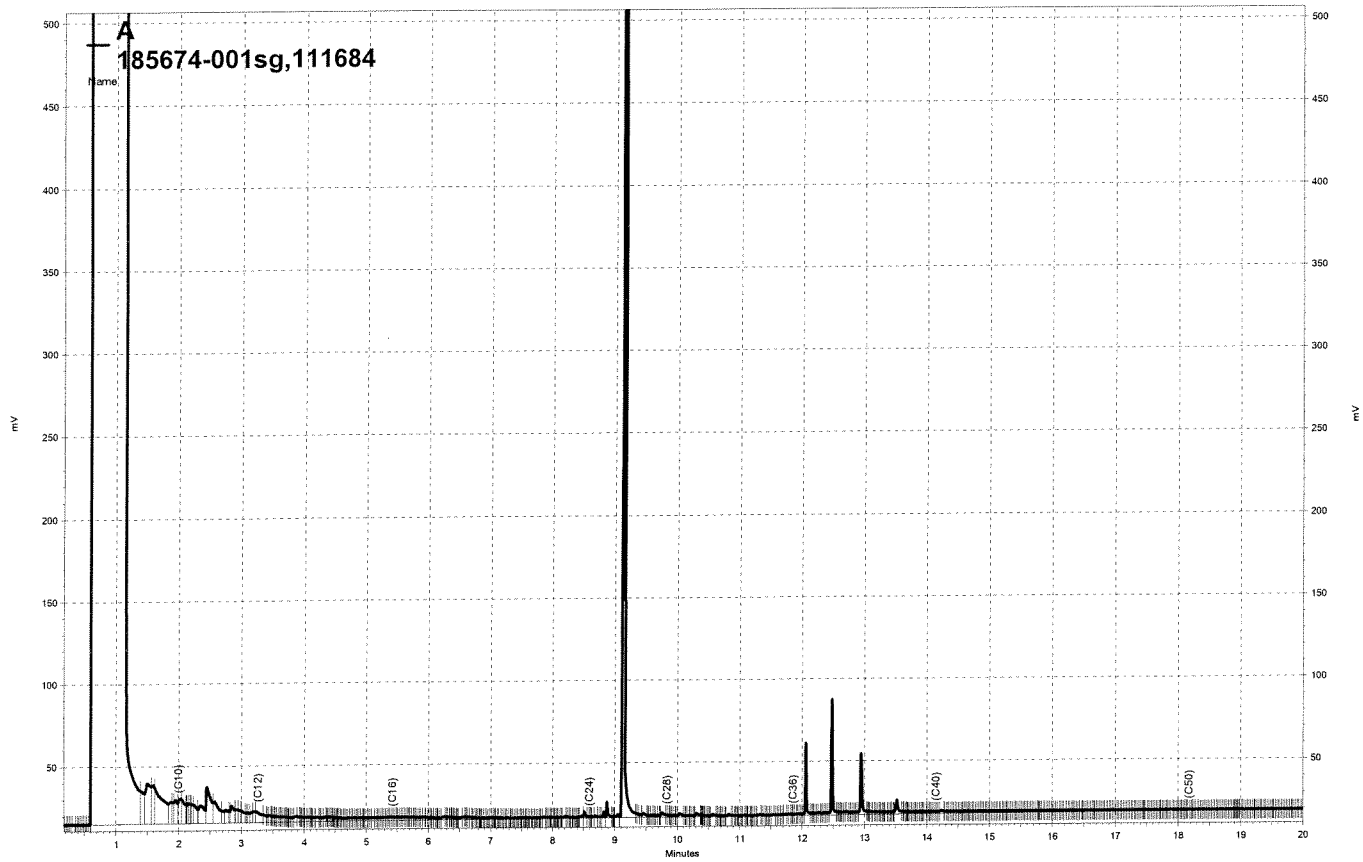
Field ID: MW-4 Lab ID: 185674-004
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2,800 H L Y	50
Motor Oil C24-C36	4,000 L	300

Surrogate	%REC	Limits
Hexacosane	94	65-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

MW-1



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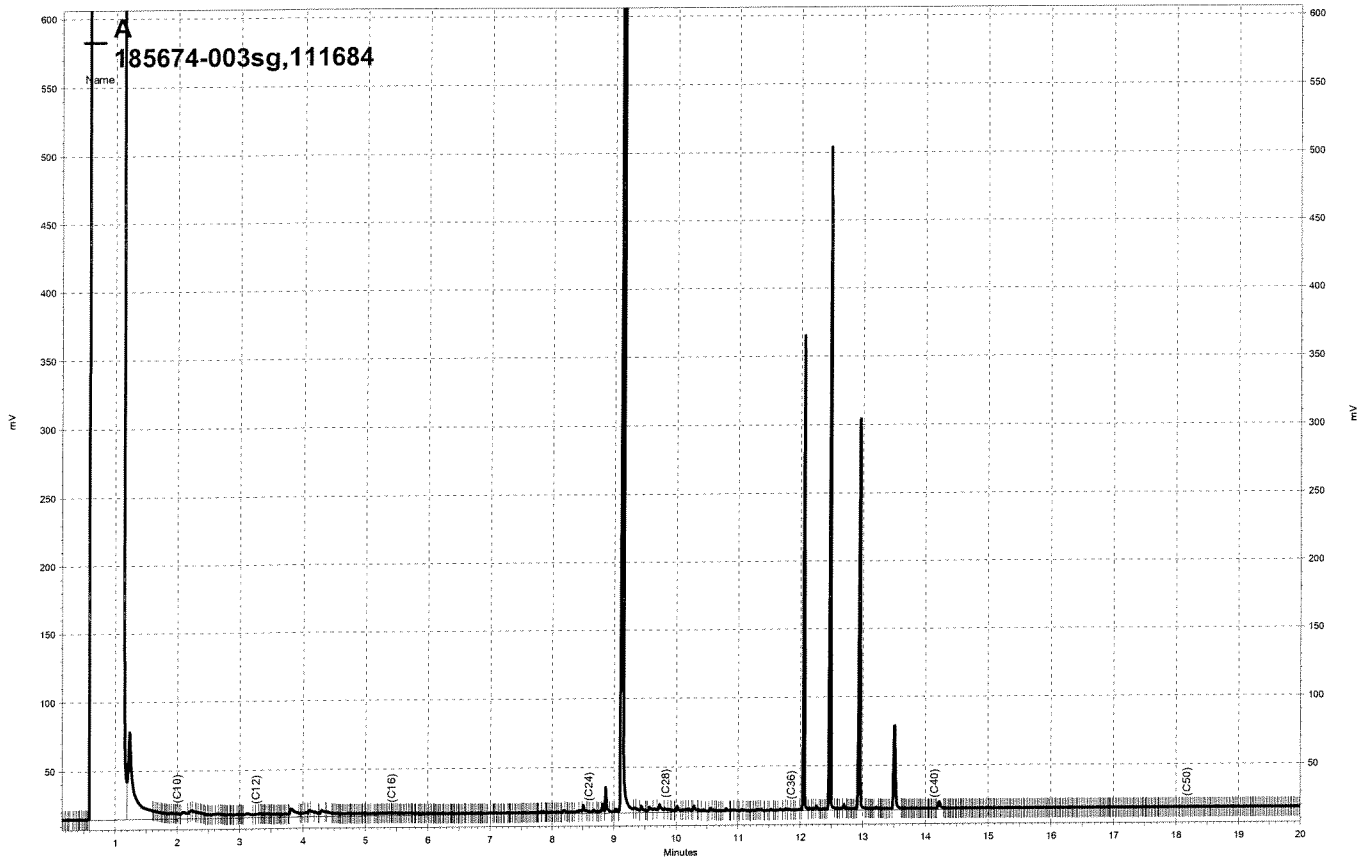
MW-3



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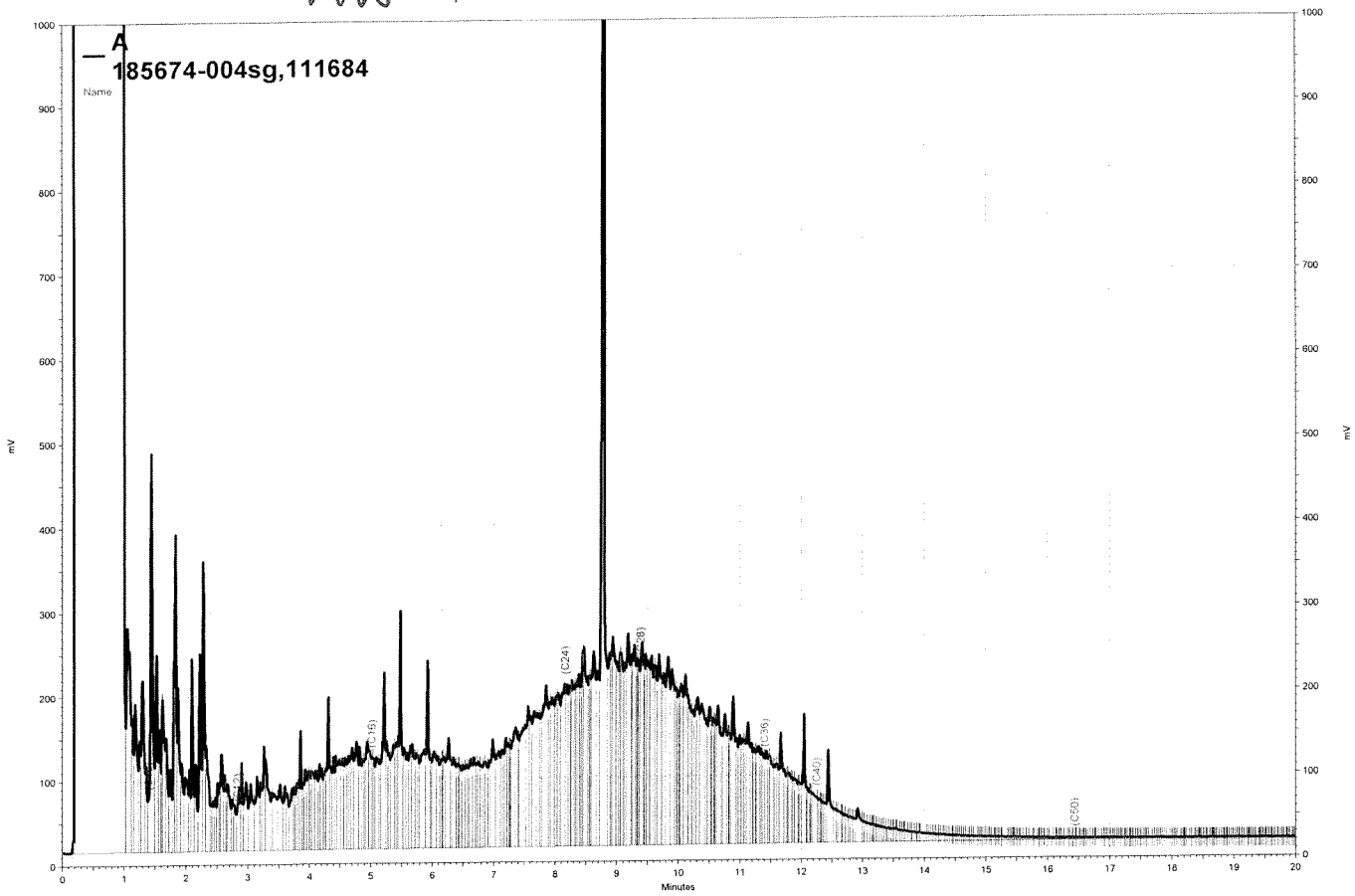
MW-4



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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 3520C
Project#:	609.004	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/21/06
Units:	ug/L	Received:	03/21/06
Diln Fac:	1.000	Prepared:	03/25/06
Batch#:	111684	Analyzed:	03/27/06

Field ID: MW-5 Lab ID: 185674-005
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	96	65-130

Field ID: MW-6 Lab ID: 185674-006
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	850 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	92	65-130

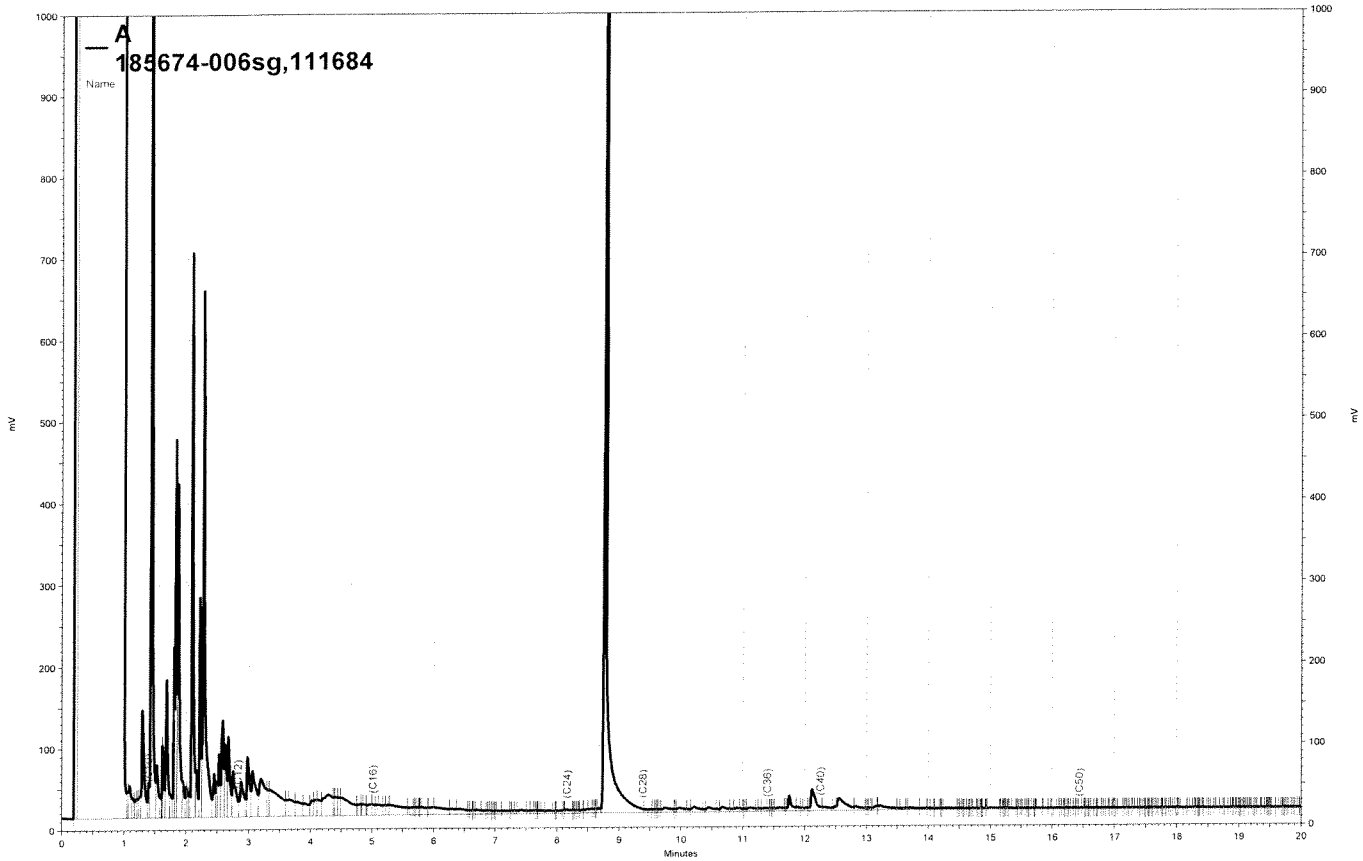
Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC333044

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	93	65-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

MW-6



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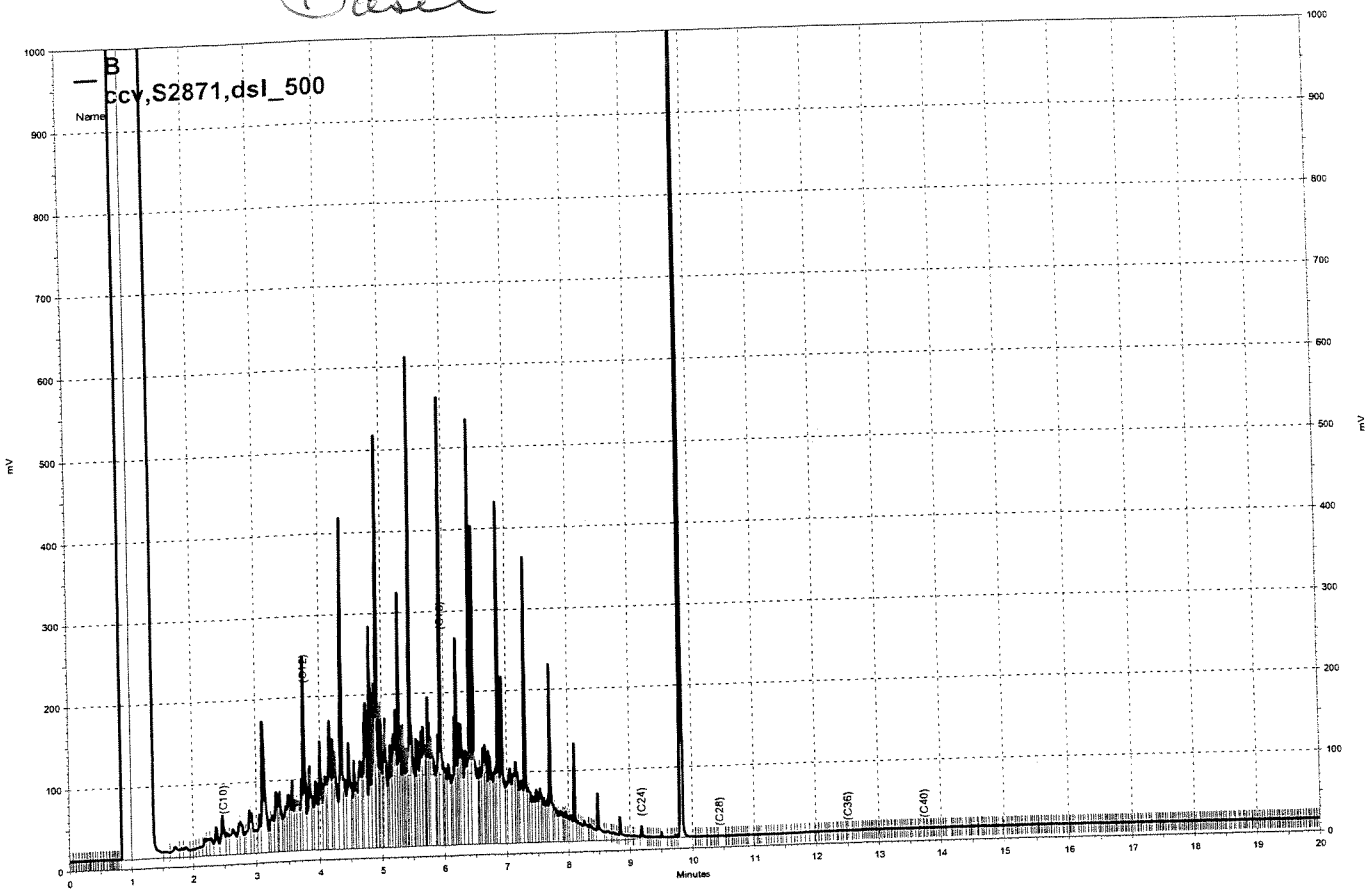
Diesel



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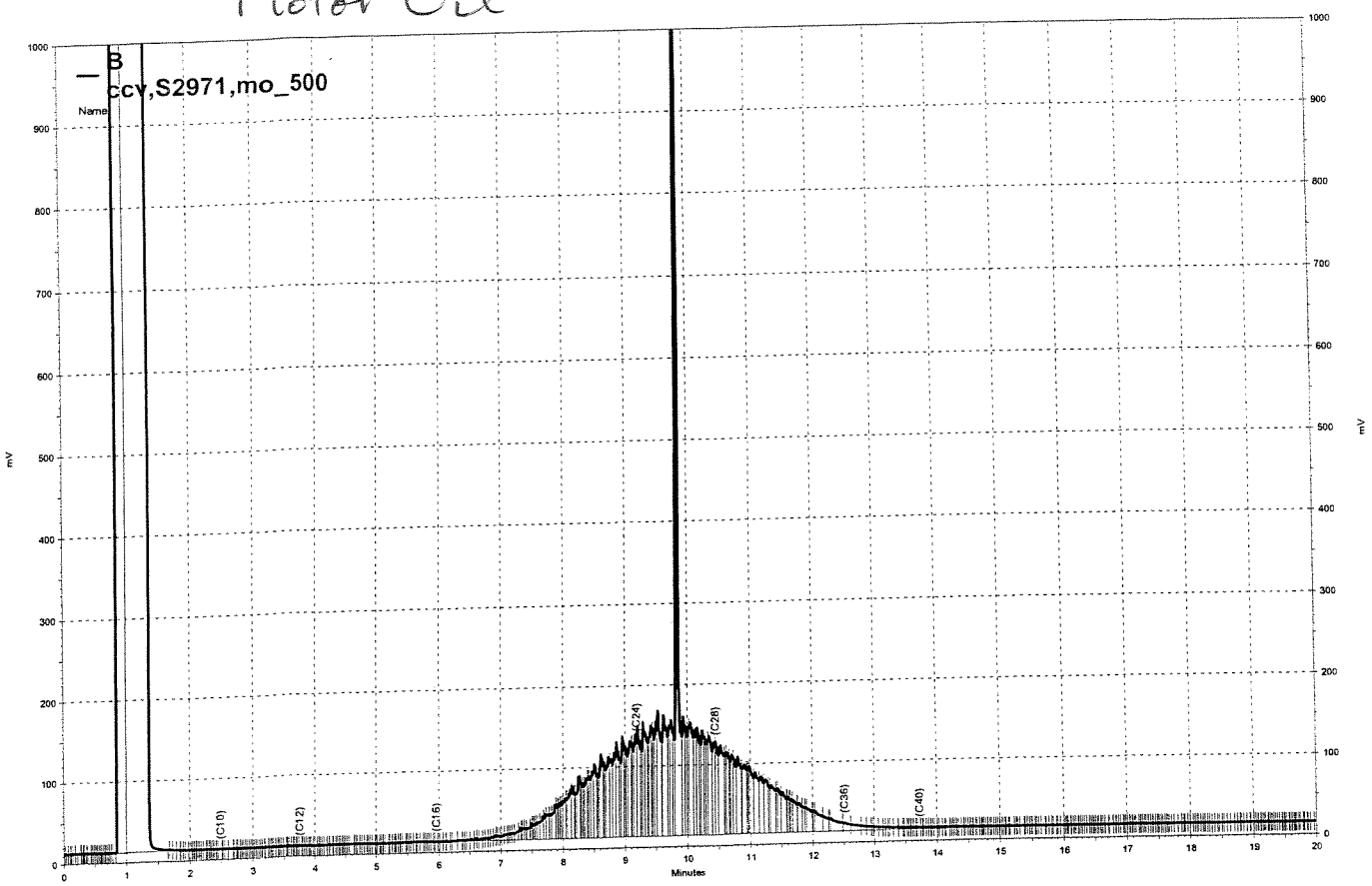
Motor Oil



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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 3520C
Project#:	609.004	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	111684
Units:	ug/L	Prepared:	03/25/06
Diln Fac:	1.000	Analyzed:	03/27/06

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC333045

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,021	81	61-133

Surrogate	%REC	Limits
Hexacosane	96	65-130

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC333046

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,274	91	61-133	12	31

Surrogate	%REC	Limits
Hexacosane	105	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	111541
Lab ID:	185674-001	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/22/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	16	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	1.0	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	0.6	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	111541
Lab ID:	185674-002	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/22/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	111679
Lab ID:	185674-003	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/25/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	12	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-120
1,2-Dichloroethane-d4	120	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-4	Batch#:	111541
Lab ID:	185674-004	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/22/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	1.2	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	0.7	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	119	80-130
Toluene-d8	107	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-5	Batch#:	111541
Lab ID:	185674-005	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/22/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	119	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Field ID:	MW-6	Batch#:	111594
Lab ID:	185674-006	Sampled:	03/21/06
Matrix:	Water	Received:	03/21/06
Units:	ug/L	Analyzed:	03/23/06
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	0.5	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	123	80-130
Toluene-d8	105	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC332461	Batch#:	111541
Matrix:	Water	Analyzed:	03/22/06
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-120
1,2-Dichloroethane-d4	114	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC332690	Batch#:	111594
Matrix:	Water	Analyzed:	03/23/06
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	113	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC333028	Batch#:	111679
Matrix:	Water	Analyzed:	03/25/06
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	111541
Units:	ug/L	Analyzed:	03/22/06
Diln Fac:	1.000		

Type: BS Lab ID: QC332458

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	135.8	109	64-141
MTBE	25.00	24.52	98	72-120
Isopropyl Ether (DIPE)	25.00	26.35	105	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	28.47	114	77-129
1,2-Dichloroethane	25.00	26.36	105	77-120
Benzene	25.00	25.22	101	80-120
Methyl tert-Amyl Ether (TAME)	25.00	24.72	99	77-120
Toluene	25.00	24.30	97	80-120
1,2-Dibromoethane	25.00	23.08	92	80-120
Ethylbenzene	25.00	26.30	105	80-120
m,p-Xylenes	50.00	52.81	106	80-121
o-Xylene	25.00	24.99	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	100	80-122

Type: BSD Lab ID: QC332459

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	118.0	94	64-141	14	22
MTBE	25.00	23.79	95	72-120	3	20
Isopropyl Ether (DIPE)	25.00	25.46	102	68-123	3	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.26	109	77-129	4	20
1,2-Dichloroethane	25.00	25.60	102	77-120	3	20
Benzene	25.00	24.53	98	80-120	3	20
Methyl tert-Amyl Ether (TAME)	25.00	23.90	96	77-120	3	20
Toluene	25.00	24.05	96	80-120	1	20
1,2-Dibromoethane	25.00	22.87	91	80-120	1	20
Ethylbenzene	25.00	26.10	104	80-120	1	20
m,p-Xylenes	50.00	52.46	105	80-121	1	20
o-Xylene	25.00	25.44	102	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	105	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	111594
Units:	ug/L	Analyzed:	03/23/06
Diln Fac:	1.000		

Type: BS Lab ID: QC332687

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	138.2	111	64-141
MTBE	25.00	25.58	102	72-120
Isopropyl Ether (DIPE)	25.00	27.22	109	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	28.94	116	77-129
1,2-Dichloroethane	25.00	27.74	111	77-120
Benzene	25.00	26.47	106	80-120
Methyl tert-Amyl Ether (TAME)	25.00	25.12	100	77-120
Toluene	25.00	25.78	103	80-120
1,2-Dibromoethane	25.00	24.54	98	80-120
Ethylbenzene	25.00	27.96	112	80-120
m,p-Xylenes	50.00	55.99	112	80-121
o-Xylene	25.00	26.81	107	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC332688

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	123.0	98	64-141	12	22
MTBE	25.00	23.78	95	72-120	7	20
Isopropyl Ether (DIPE)	25.00	25.43	102	68-123	7	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.33	109	77-129	6	20
1,2-Dichloroethane	25.00	26.12	104	77-120	6	20
Benzene	25.00	25.18	101	80-120	5	20
Methyl tert-Amyl Ether (TAME)	25.00	23.51	94	77-120	7	20
Toluene	25.00	24.80	99	80-120	4	20
1,2-Dibromoethane	25.00	23.73	95	80-120	3	20
Ethylbenzene	25.00	26.16	105	80-120	7	20
m,p-Xylenes	50.00	52.98	106	80-121	6	20
o-Xylene	25.00	25.11	100	80-120	7	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	98	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	185674	Location:	2250 Telgraph Av. Oakland
Client:	Fugro West Inc.	Prep:	EPA 5030B
Project#:	609.004	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	111679
Units:	ug/L	Analyzed:	03/25/06
Diln Fac:	1.000		

Type: BS Lab ID: QC333026

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	113.6	91	64-141
MTBE	25.00	22.72	91	72-120
Isopropyl Ether (DIPE)	25.00	23.76	95	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	26.60	106	77-129
1,2-Dichloroethane	25.00	25.29	101	77-120
Benzene	25.00	24.43	98	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.42	94	77-120
Toluene	25.00	24.70	99	80-120
1,2-Dibromoethane	25.00	22.65	91	80-120
Ethylbenzene	25.00	25.83	103	80-120
m,p-Xylenes	50.00	51.88	104	80-121
o-Xylene	25.00	25.30	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC333027

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	110.5	88	64-141	3	22
MTBE	25.00	21.81	87	72-120	4	20
Isopropyl Ether (DIPE)	25.00	22.67	91	68-123	5	20
Ethyl tert-Butyl Ether (ETBE)	25.00	24.77	99	77-129	7	20
1,2-Dichloroethane	25.00	23.98	96	77-120	5	20
Benzene	25.00	23.01	92	80-120	6	20
Methyl tert-Amyl Ether (TAME)	25.00	22.21	89	77-120	5	20
Toluene	25.00	23.06	92	80-120	7	20
1,2-Dibromoethane	25.00	21.85	87	80-120	4	20
Ethylbenzene	25.00	24.67	99	80-120	5	20
m,p-Xylenes	50.00	49.11	98	80-121	5	20
o-Xylene	25.00	23.84	95	80-120	6	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	97	80-122

RPD= Relative Percent Difference