A·C·C ENVIRONMENTAL CONSULTANTS

December 18, 2006

The Bank of New York Trust Company, N.A. as Corporate Co-Trustee for
Carpenters Pension Trust Fund for Northern California; Northern California Carpenters PTF, LLC
c/o Ms. Mary Schroeder, McMorgan & Company LLC
One Bush Street, Suite 800
San Francisco, California 94104

RE: Fourth Quarter 2006 Groundwater Monitoring Report
300 Hegenberger Road, Oakland, California
ACC Project No.6748-017-00

Dear Ms. Schroeder:

Enclosed is the Fourth Quarter Groundwater Monitoring Report describing the groundwater monitoring activities conducted for all monitoring wells at 300 Hegenberger Road, Oakland, California. On your behalf, ACC will send an electronic copy of this Report to Mr. Barney Chan at Alameda County Environmental Health.

If you have any questions regarding the report, please contact me at (510) 638-8400, ext. 109.

Sincerely,

David R. DeMent, PG, REA II
Environmental Division Manager

/lmb:drd

Enclosures

FOURTH QUARTER 2006 GROUNDWATER MONITORING REPORT

Subject Property
300 Hegenberger Road
Oakland, California

ACC Project Number 6748-017-00

Prepared for:

The Bank of New York Trust Company, N.A. as Corporate Co-Trustee for
Carpenters Pension Trust Fund for Northern California; Northern California Carpenters PTF, LLC
c/o Ms. Mary Schroeder, McMorgan & Company LLC
One Bush Street, Suite 800
San Francisco, California 94104

December 18, 2006

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FOURTH QUARTER 2006
GROUNDWATER MONITORING REPORT

300 Hegenberger Road
Oakland, California

1.0 INTRODUCTION

This Fourth Quarter 2006 Groundwater Monitoring Report was prepared by ACC Environmental Consultants, Inc., (ACC) at the request of McMorgan & Company LLC on behalf of The Bank of New York Trust Company, N.A. as Corporate Co-Trustee for Carpenters Pension Trust Fund for Northern California; Northern California Carpenters PTF. Work was performed at the subject property located at 300 Hegenberger Road, Oakland, California (Site). The project objectives were to: 1) measure the groundwater levels in each well and calculate the groundwater elevation, gradient, and flow direction; 2) obtain representative water samples from the seven existing groundwater monitoring wells and analyze the water samples for petroleum hydrocarbon constituents as gasoline and/or diesel; and 3) report the findings.

The general goal of this groundwater monitoring and sampling event was to determine current groundwater conditions, evaluate the changes in concentrations of constituents of concern, and obtain current groundwater quality data to further develop a Conceptual Site Model (CSM).

2.0 BACKGROUND

The Site is located at 300 Hegenberger Road in the southeast corner of the intersection of Hegenberger Road and Hegenberger Loop. The rectangular lot is approximately 250 feet long by 200 feet wide and is approximately 9 feet above mean sea level.

The available data indicate that a series of subsurface investigations have been conducted at the Site since 1997. A site assessment in April 1997 indicated the presence of petroleum hydrocarbons in soils and groundwater beneath the Site but no reportable concentrations of methyl tertiary butyl ether (MTBE). A subsequent investigation conducted in July and October 1997 confirmed previous investigation findings and that no underground storage tanks (USTs) remained at the Site.

Tetra Tech EM Inc. (Tetra Tech) installed five 2-inch-diameter groundwater monitoring wells in November 1998. The five monitoring wells were screened from 5 to 20 feet below ground surface (bgs). Well MW-1 was subsequently destroyed in December 1999 and well MW-6 was installed in the estimated downgradient direction of the former waste oil tank. Well MW-6 was screened from 10 to 20 feet bgs. In December 2000, Tetra Tech installed offsite wells MW-7 and MW-8 estimated to be in the downgradient direction of the Site. Wells MW-7 and MW-8 were screened from 5 to 20 feet bgs. Groundwater monitoring was performed periodically from December 1998 to October 2001 in the existing wells.

Tetra Tech reported the findings of a Sensitive Receptor Survey in its March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000*. According to the California Department of Water resources, 40 monitoring wells and two irrigation wells were located at 11 sites within the search distance. One irrigation well is reportedly located approximately 500 feet

cross gradient from the Site and a second irrigation well is located approximately 2,800 feet crossgradient of the Site.

2.1 Subsurface Conditions

Soil boring logs from wells MW-7 and MW-8, included in the March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000*, indicate that clay and silty clay is present from the surface to the minimum depth of 11.5 feet bgs and sandy gravels and sands are present from approximately 12 to 15 feet bgs to 20.5 feet bgs, the total depth of the soil borings. Silty clays logged at 10 to 10.5 feet bgs are described as dry to moist, medium plasticity, and medium stiff. Sandy gravels logged from 15 to 16 feet bgs are described as saturated, coarse to fine grained sand, and fine to medium grained gravel.

The data summarized in the soil boring logs directly contradicts other conclusions presented in the March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000.* In the *Subsurface Soil Conditions and Hydrology* section of the report, Tetra Tech states that "Groundwater is usually encountered within five feet bgs," and in the *Preferential Pathways* section "the utility trenches may act as preferential pathways and could allow for movement of petroleum hydrocarbons to the north and west beyond the site." Saturated permeable soils are not logged shallower than 12 feet bgs. Utility trenches in the vicinity of the Site likely exist no deeper than seven feet bgs, therefore, interception or preferential movement of groundwater along utility trenches is highly unlikely. Groundwater elevations are typically measured approximately 5 feet bgs in the monitoring wells due to semi-confined aquifer conditions.

3.0 GROUNDWATER MONITORING AND SAMPLING

ACC conducted groundwater monitoring on November 16, 2006. Work at the Site included measuring depth to water, subjectively evaluating groundwater in the wells, purging and sampling the wells, and submitting the samples to a state-certified laboratory for analysis.

3.1 Groundwater Monitoring

Before groundwater sampling, the depth to the surface of the water table was measured from the top of the polyvinyl chloride well casing using a Solinst water level meter. Well elevation data reported by Tetra Tech indicate the groundwater monitoring wells were resurveyed relative to mean sea level in December 2000. ACC measured depth to water using an electronic Solinst meter and the water level measurements were recorded to the nearest 0.01 foot. Information regarding well elevations and groundwater depths is summarized in Table 1.

TABLE 1 - GROUNDWATER DEPTH INFORMATION

Well No.	Date Sampled	Well Elevation[1] (above MSL)	Depth to Groundwater	Groundwater Elevation
MW-1	12/02/98	100.74	2.90	97.84
	03/08/99		3.43	97.31
	07/01/99		3.81	96.93
	08/18/99		3.62	97.12
	09/15/99		3.69	97.05
	12/27/99		3.81	96.93
	12/99		Well Destroyed	Well Destroyed
MW-2	12/02/98	102.44	4.61	97.83
	03/08/99		5.16	97.28
	07/01/99		5.91	96.53
	08/18/99		5.53	96.91
	09/15/99		5.55	96.89
	12/27/99		5.55	96.89
	03/24/00		5.44	97.00
	06/09/00		---	FP
	12/14/00	9.05[2]	5.00	4.05
	05/07/01		5.69	3.36
	10/04/01		5.60	3.45
	02/09/05		5.00	4.05
	05/16/05		3.98	5.07
	11/16/05		5.23	3.82
	02/09/06		4.77	4.28
	05/19/06		5.51	3.54
	08/17/06		5.32	3.73
	11/16/06		4.77	4.28
MW-3	12/02/98	102.00	4.24	97.76
	03/08/99		4.90	97.10
	07/01/99		5.35	96.65
	08/18/99		5.21	96.79
	09/15/99		5.26	96.74
	12/27/99		5.42	96.58
	03/24/00		5.81	96.19
	06/09/00		5.43	96.57
	12/14/00	8.60[2]	4.85	3.75
	05/07/01		5.37	3.23
	10/04/01		5.27	3.33
	02/09/05		4.45	4.15
	05/16/05		3.81	4.79
	11/16/05		4.90	3.70
	02/09/06		4.41	4.19
	05/19/06		5.35	3.25
	08/17/06		4.10	4.50
	11/16/06		4.43	4.17
MW-4	12/02/98	100.00	2.20	97.80
	03/08/99		2.80	97.20
	07/01/99		5.23	64.77
	08/18/99		5.00	95.00
	09/15/99		4.99	95.01
	12/27/99		5.23	94.77
	03/24/00		5.39	94.61

Well No.	Date Sampled	Well Elevation[1] (above MSL)	Depth to Groundwater	Groundwater Elevation
MW-4	06/09/00		5.24	94.76
cont	12/14/00	8.50[2]	4.60	3.90
	05/07/01		5.20	3.30
	10/04/01		5.08	3.42
	02/09/05		4.45	4.05
	05/16/05		3.98	4.52
	11/16/05		4.72	3.78
	02/09/06		4.24	4.26
	05/19/06		5.02	3.48
	08/17/06		5.76	2.74
	11/16/06		4.26	4.24
MW-5	12/02/98	102.22	4.59	97.63
	03/08/99		5.20	97.02
	07/01/99		5.59	96.63
	08/18/99		5.37	96.85
	09/15/99		5.55	96.67
	12/27/99		5.48	96.74
	03/24/00		6.02	96.20
	06/09/00		5.59	96.63
	12/14/00	8.84[2]	5.10	3.74
	05/07/01		5.52	3.32
	10/04/01		5.45	3.39
	02/09/05		4.90	3.94
	05/16/05		3.92	4.92
	11/16/05		5.10	3.74
	02/09/06		4.60	4.24
	05/19/06		4.35	4.49
	08/17/06		4.16	4.68
	11/16/06		4.61	4.23
MW-6	03/24/00	102.58	5.49	97.09
	06/09/00		5.87	96.71
	12/14/00	9.19[2]	5.13	4.06
	05/07/01		5.89	3.30
	10/04/01		5.71	3.48
	02/09/05		5.20	3.99
	05/16/05		3.98	5.21
	11/16/05		5.34	3.85
	02/09/06		4.92	4.27
	05/19/06		5.71	3.48
	08/17/06		5.41	3.78
	11/16/06		4.94	4.25
MW-7	12/14/00	8.10[2]	3.48	4.62
	05/07/01		5.13	2.97
	10/04/01		4.87	3.23
	02/09/05		4.15	3.95
	05/16/05		3.79	4.31
	11/16/05		4.55	3.55
	02/09/06		4.92	3.18
	05/19/06		---	---
	08/17/06		4.61	3.49
	11/16/06		4.57	3.53

Well No.	Date Sampled	Well Elevation[1] (above MSL)	Depth to Groundwater	Groundwater Elevation
MW-8	12/14/00	8.68[2]	5.10	3.58
	05/07/01		5.74	2.94
	10/04/01		5.52	3.16
	02/09/05		4.80	3.88
	05/16/05		3.41	5.27
	11/16/05		5.28	3.40
	02/09/06		4.58	4.10
	05/19/06		---	---
	08/17/06		5.12	3.56
	11/16/06		3.98	4.70

Notes: All measurements in feet
[1]Well elevation measured to top of casing
[2]Well elevation relative to established City of Oakland Benchmark (feet above sea level)

3.2 Groundwater Gradient

The calculated groundwater flow direction and gradient, as determined from monitoring well data obtained on November 16, 2006, is illustrated on Figure 3. The calculated groundwater gradient averaged 0.004 foot per foot to the northwest. Historical groundwater gradients and calculated flow directions are summarized in Table 2.

TABLE 2 – GROUNDWATER GRADIENT AND FLOW DIRECTION

Date Monitored	Gradient (foot/foot)	Direction
12/02/98	0.00091	West
03/08/99	0.00086	Southwest
07/01/99	0.0011	Southwest
08/18/99	0.0013	West
09/15/99	0.04089[1] 0.00125[5]	North[1] West
12/27/99	0.0010[5] 0.0489[1]	West[5] North[1]
03/29/00	0.0469[1] 0.0131[2]	Northwest West-Southwest
06/09/00	0.03[3] 0.0011[2]	North South-southwest
12/14/00	0.003[1] 0.006[4]	North North
05/07/01	0.0014 0.0025[6]	Northwest Northwest
10/04/01	0.0013 0.001[6]	Northwest Northwest
02/09/05	0.001	Southwest
05/16/05	0.004	West-Northwest
11/16/05	0.002	Northwest
02/09/06	0.001	Northwest
05/19/06	0.003	Northwest
08/17/06	0.008[7]	Northwest

Date Monitored	Gradient (foot/foot)	Direction
11/16/06	0.004	Northwest

Notes:
(1) *Flow component from MW-2 to MW-4*
(2) *Flow component from MW-6 to area of MW-5*
(3) *Flow component from MW-2, MW-3, and MW-4 and from MW-6 to MW-4*
(4) *Flow component from MW-7 to MW-8*
(5) *Flow component among wells MW-2, MW-3, and MW-5*
(6) *Flow component from MW-3 to MW-7*
(7) *Flow component among wells MW-3, MW-5, MW-7, and MW-8*

3.3 Groundwater Sampling

Before groundwater sampling, each well was purged using a disposable polyethylene bailer. Groundwater samples were collected after four well casing volumes of water were measured for temperature and dissolved oxygen (DO), and removed. Following purging, each well was allowed to recharge before sampling. When recovery to 80 percent of the static water level was observed, a sample was collected for analysis. Groundwater conditions monitored during purging and sampling were recorded on monitoring well worksheets, included as Appendix 1.

Wells were sampled using disposable polyethylene bailers attached to a new rope for each well. From each monitoring well, approved, laboratory-supplied sample vials were filled to overflowing and sealed to eliminate trapped air in the vial. Once filled, sample vials were inverted and tapped to test for air bubbles. Sample containers were labeled with self adhesive, preprinted tags. The samples were stored in a pre-chilled, insulated container pending delivery to Curtis & Tompkins, a state-certified analytical laboratory, for analysis.

Water purged during the development and sampling of the monitoring wells was temporarily stored onsite in Department of Transportation approved 55-gallon drums pending laboratory analysis and proper disposal.

4.0 RESULTS OF GROUNDWATER SAMPLING

Groundwater samples collected from each well were submitted to Curtis & Tompkins following chain of custody protocol. All groundwater samples were analyzed for total petroleum hydrocarbons as diesel (TPHd) by EPA Method 3510/8015M, TPH as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and MTBE by EPA Method 8260B. A copy of the chain of custody record and laboratory analytical reports is included as Appendix 2. A summary of the groundwater results obtained from each monitoring well is presented in Table 3.

TABLE 3 - GROUNDWATER SAMPLE ANALYTICAL RESULTS

Well No.	Date Sampled	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
MW-1	12/02/98	<50	<50	---	<0.05	<0.05	<0.05	<0.05
	03/08/99	190	<50	---	<0.3	<0.3	<0.3	<0.3
	07/01/99	<50	<50	---	<0.5	<0.5	<0.5	<0.5
	08/18/99	<50	3,100	---	<0.5	9.6	12	12
	09/15/99	<50	<50	---	<0.5	<0.5	<0.5	<0.5
	12/27/99	---	---	---	---	---	---	--
	Destroyed	---	---	---	---	---	---	---
MW-2	12/02/98	99	<50	---	4.6	0.85	0.57	5
	03/08/99	210	180	---	200	0.74	1.3	2.3
	07/01/99	<50	1,100	---	190	13	33	36
	08/18/99	---	---	---	---	---	---	---
	09/15/99	100	990	---	330	9.7	11	19
	12/27/99	<50	1,000	---	260	7.2	1.3	10
	03/24/00	31,000	1,900	---	110	4.8	9.5	12
	06/09/00	---	---	---	---	---	---	---
	12/14/00	470	1,600	<2	450	18	61	26
	05/07/01	300	950	---	120	5.8	8.5	32
	10/04/01	170	370	---	55	2.8	17	4.2
	02/09/05	<50	160	<0.50	69	1.2	1.3	<1.0
	05/16/05	140	650	<0.50	96	4.7	15	7.5
	11/16/05	160 [1]	54 [1]	<0.50	19	<0.5	<0.5	<0.5
	02/09/06	230 [1]	250	<0.50	160	4.0	3.9	2.1
	05/19/06	210 [1]	<50	<0.50	7.8	<0.50	<0.50	<0.50
	08/17/06	460 [1,2,3]	500	<2.0	220	14	17	28.1
	11/16/06	370 [1,3]	190	19	20	1.1	0.58	0.72
MW-3	12/02/98	300	970	---	160	6.5	16	9
	03/08/99	1,400	2,600	---	1,800	30	67	26
	07/01/99	150	3,000	---	1	<0.5	32	36
	08/18/99	---	---	---	---	---	---	---
	09/15/99	110	1,100	---	350	8.3	5.4	10
	12/27/99	70	560	---	170	2.1	7.6	3.1
	03/24/00	1,000	8,400	---	4100	71	190	75
	06/09/00	320	2,700	---	1,100	17	18	<10
	12/14/00	<100	710	<0.5	140	2.2	3.3	1.2
	05/07/01	<400	1,500	---	270	7.9	11	5.6
	10/04/01	<50	140	---	45	<0.3	1.3	<0.6
	02/09/05	---	7,700	<5.0	670	16	83	36
	05/16/05	---	7,100	<5.0	1,200	20	110	49
	11/16/05	55 [1]	270 [1]	<0.5	30	0.61	<0.5	<0.5
	02/09/06	3,000 [1]	3,700	<0.50	720	12	50	29.9
	05/19/06	510 [1]	1,700	<2.0	300	4.2	17	11
	08/17/06	430 [1,2,3]	650	<0.50	78	1.2	1.2	1.4
	11/16/06	<50	170	2.7	12	<0.50	<0.50	<0.50
MW-4	12/02/98	620	<50	---	1.1	0.37	<0.3	2
	03/08/99	<50	1,300	---	1,900	9.4	1.2	11
	07/01/99	<50	610	---	120	<0.5	<0.5	<0.5
	08/18/99	---	---	---	---	---	---	---
	09/15/99	59	830	---	320	6.5	1.7	<2.0

Well No.	Date Sampled	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
	12/27/99	<50	55	---	5.8	<0.5	<0.5	<0.5
	03/24/00	77	430	---	240	3.3	0.98	1.5
	06/09/00	<50	220	---	91	0.93	<0.5	<0.5
	12/14/00	<50	96	<0.5	15	<0.5	<0.5	<0.5
	05/07/01	<100	380	---	130	2.5	1.7	2.5
	10/04/01	<50	76	---	21	<0.3	<0.3	<0.6
	02/09/05	---	2,000	<2.5	440	12	9.3	7.6
	05/16/05	---	2,400	<2.5	610	16	11	8.0
	11/16/05	520 [1]	490 [1]	<1.0	170	4.5	3.3	2.3
	02/09/06	2,000 [1]	1,500	<1.0	630	16	10	9.3
	05/19/06	<50	220	<0.71	120	2.4	<0.71	1.0
	08/17/06	1,500[1,2,3]	1,300	<3.1	480	13	9.4	6.5
	11/16/06	430[1,2]	6,100	<2.0	1,300	48	53	27
MW-5	12/02/98	620	<50	---	1.1	0.37	<0.3	2
	03/08/99	<50	58	---	23	0.31	<0.3	1.8
	07/01/99	64	1,900	---	160	10	13	22
	08/18/99	---	---	---	---	---	---	---
	09/15/99	<50	410	---	64	2.1	1.3	2.7
	12/27/99	<50	130	---	15	0.73	<0.5	<0.5
	03/24/00	460	2,500	---	560	57	18	87
	06/09/00	140	2,600	---	770	63	15	71
	12/14/00	<50	220	<0.5	17	0.63	1.7	1.1
	05/07/01	<200	3,200	---	450	44	54	66
	10/04/01	<50	<50	---	3.6	<0.3	<0.3	<0.6
	02/09/05	57	1,100	0.58	160	14	50	9.6
	05/16/05	340	4,700	<10	730	79	340	36
	11/16/05	<50	120 [1]	0.57	18	<0.5	<0.5	<0.5
	02/09/06	100 [1]	180	<0.50	33	2.2	2.1	1.8
	05/19/06	<50	1,400	<5.0	630	55	79	19.1
	08/17/06	270[1,2,3]	280	0.52	41	1.9	5.3	0.79
	11/16/06	<50	76	<2.0	4.8	<0.50	<0.50	<0.50
MW-6	03/24/00	470	2,400	---	430	16	340	73
	06/09/00	<50	540	---	190	1.2	3.7	4.5
	12/14/00	<50	<50	<0.5	0.51	<0.5	<0.5	0.94
	05/07/01	<50	<50	---	4.4	<0.5	<0.5	<0.5
	10/04/01	<50	<50	---	<0.3	<0.3	<0.3	<0.6
	02/09/05	<50	<50	<0.50	0.94	<0.50	<0.50	<1.0
	05/16/05	<50	<50	<0.50	0.55	<0.50	<0.50	<1.0
	11/16/05	270	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/09/06	65 [1]	<50	<0.50	0.64	<0.50	<0.50	<0.50
	05/19/06	390 [1]	600	<1.3	180	15	35	20.4
	08/17/06	150 [1]	<50	<0.50	1.1	<0.50	<0.50	<0.50
	11/16/06	<50	<50	<2.0	<0.50	<0.50	<0.50	<0.50
MW-7	12/14/00	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	05/07/01	<50	<50	---	<0.5	<0.5	<0.5	<0.5
	10/04/01	<50	<50	---	<0.3	<0.3	<0.3	<0.6
	02/09/05	---	<50	0.55	<0.50	<0.50	<0.50	<1.0
	05/16/05	---	<50	<0.50	<0.50	<0.50	<0.50	<1.0
	11/16/05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/09/06	81 [1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/19/06	---	---	---	---	---	---	---

Well No.	Date Sampled	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
	08/17/06	110 [1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/16/06	<50	<50	<2.0	<0.50	<0.50	<0.50	<0.50
MW-8	12/14/00	<50	<50	0.52	<0.5	<0.5	<0.5	<0.5
	05/07/01	<50	<50	---	<0.5	<0.5	<0.5	<0.5
	10/04/01	<50	<50	---	<0.3	<0.3	<0.3	<0.6
	02/09/05	---	<50	<0.50	<0.50	<0.50	<0.50	<1.0
	05/16/05	---	<50	<0.50	<0.50	<0.50	<0.50	<1.0
	11/16/05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/09/06	72 [1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/19/06	---	---	---	---	---	---	---
	08/17/06	120 [1]	<50	<0.50	<0.50	<0.50	<0.50	0.51
	11/16/06	<83	<50	<2.0	<0.50	<0.50	<0.50	<0.50

Notes: ug/L = micrograms per liter (approximately equivalent to ppb)
--- = analysis not performed
Select data flags have been removed from the previously reported data table
[1] Chromatographic pattern does not resemble standard
[2] Lighter hydrocarbons contributed to the quantitation
[3] Heavier hydrocarbons contributed to the quantitation

5.0 DISCUSSION

The calculated groundwater flow direction is towards the northwest at a gradient of 0.004 foot per foot. These values are generally consistent with historical trends and should be expected based on local topography and surface water drainage pathways. ACC used groundwater data from wells MW-2, 3, 4, and 7 only because: 1) using all monitoring well data resulted in an anomalous groundwater flow direction to the southeast; and 2) the established groundwater flow direction trend has been to the northwest.

Reported TPHd, TPHg, and BTEX concentrations increased in well MW-4 and decreased in wells MW-2, MW-3, MW-5, MW-6, MW-7, and MW-8. Reported TPHg and benzene concentrations in monitoring well MW-4 were 6,100 µg/L and 1,300 µg/L, respectively. TPHd, TPHg, BTEX, and MTBE were not detected above their respective laboratory reporting limits in wells MW-6, MW-7, and MW-8.

In comparison to the August 2006 sampling event, TPHd, TPHg, and BTEX concentrations generally decreased in monitoring wells MW-2, MW-3, MW-5, MW-6, MW-7, and MW-8. Periodic groundwater monitoring results obtained since December 1998 have demonstrated that a residual source of petroleum hydrocarbon impact to groundwater appears to exist in soil in the vicinity of and/or upgradient of perimeter monitoring wells MW-3 and MW-4. This residual soil impact to groundwater continues to fluctuate but is generally decreasing with time in most of the monitoring wells.

Sometime following this sampling event, well MW-8 was destroyed by the property owner under permit from the Alameda County Public Works Agency (ACPWA). Monitoring well MW-8 was apparently installed without an access agreement and the well owner was not on record with the ACPWA.

6.0 CONCLUSIONS

Based on findings of this well monitoring and sampling event, and comparison to historical well monitoring and sampling data, ACC concludes the following:

- The calculated groundwater flow direction and gradient is generally consistent with historical trends and reflects the flat local topography and local surface drainage to San Francisco Bay;

- TPHd, TPHg, and BTEX concentrations continue to fluctuate, however reported concentrations do not indicate a significant source of petroleum hydrocarbon impact to groundwater;

- TPHd, TPHg, BTEX, and MTBE were not reported in downgradient monitoring wells MW-7 and MW-8 and upgradient monitoring well MW-6;

- TPHd concentrations were not detected above their respective laboratory reporting limits in wells MW-3 and MW-5; and

- Natural attenuation processes are preferentially degrading BTEX and reported petroleum hydrocarbon concentrations indicate that no significant concentrations are migrating off the property.

7.0 RECOMMENDATIONS

Based on our review of historical site investigation findings and the results of recently completed groundwater monitoring, ACC recommends the following:

- Requesting temporarily ceasing groundwater monitoring and sampling pending review of ACC's *December 2006 Subsurface Investigation Report* and completion of any recommended remedial action;

- Prepare and submit a Remedial Action Plan (RAP) to implement active source removal; and

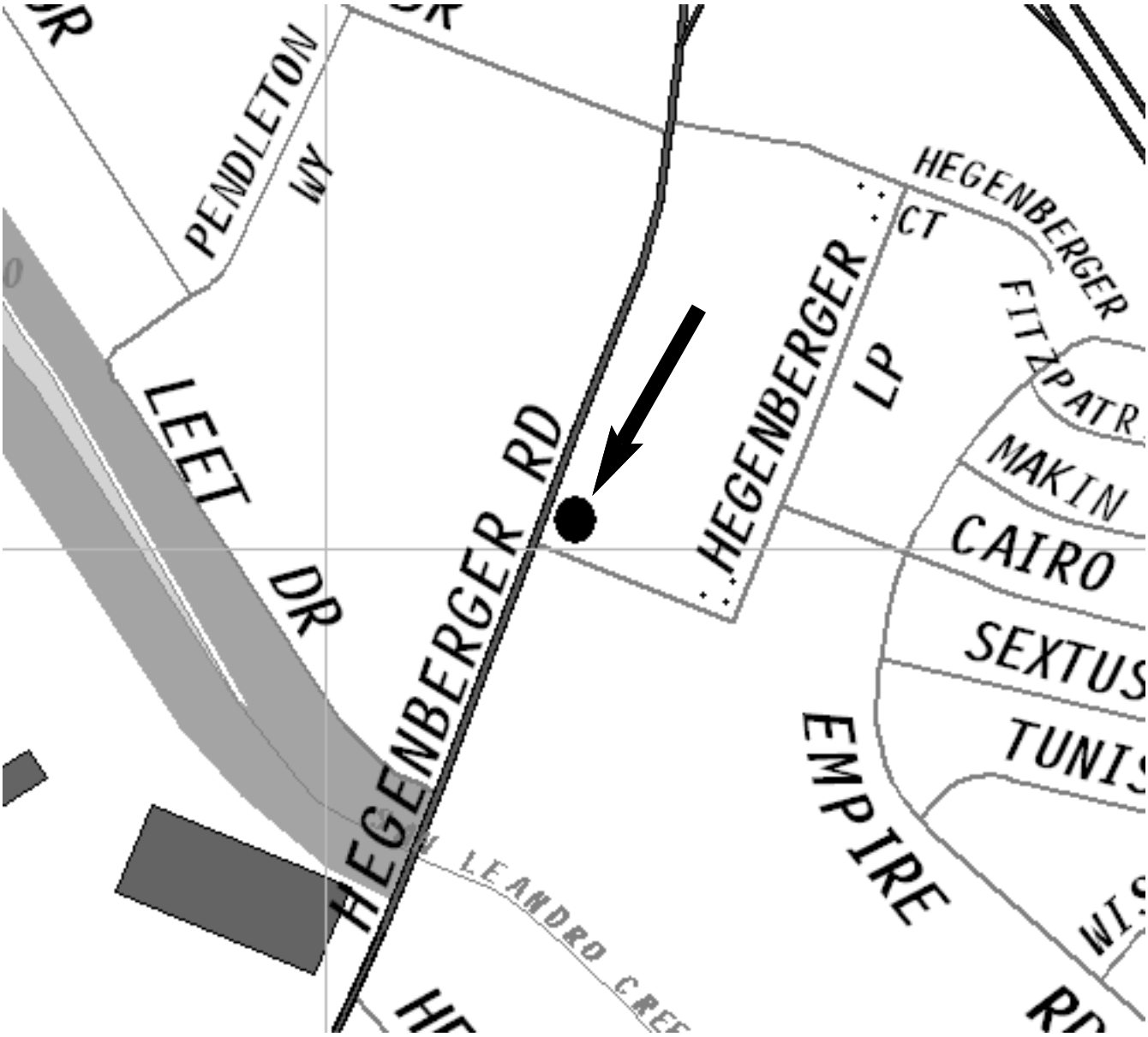
- Request evaluating the Site for full regulatory closure as a "low risk fuel case" following successful completion of the recommended remedial action, revising the Site Conceptual Model (SCM) accordingly, and obtaining acceptable confirmation sidewall soil sample analytical results.

8.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

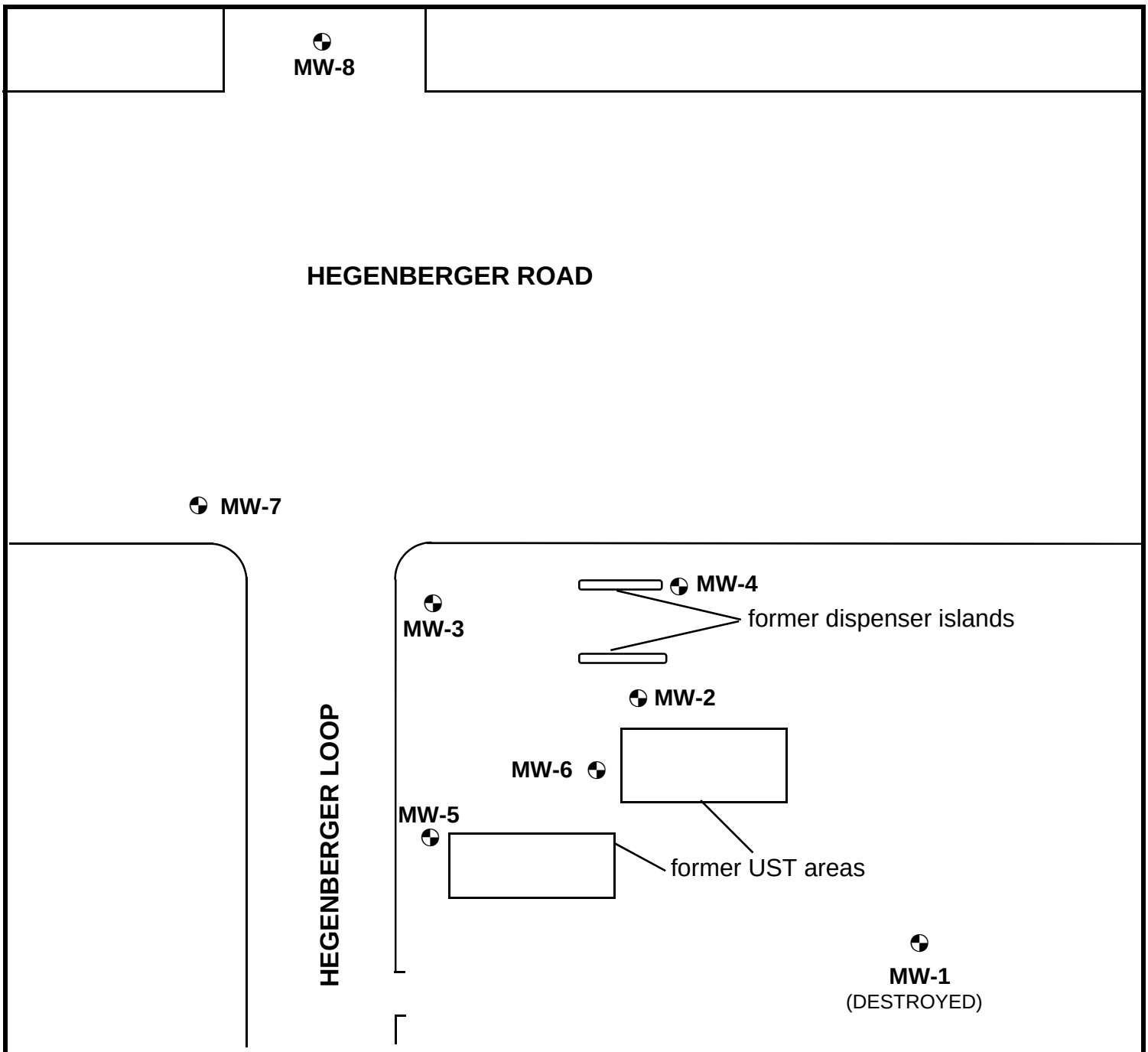
The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.



Source: The Thomas Guide, Bay Area, 2004

Title: ***Location Map 444 Hegenberger Loop Oakland, California***	
Figure Number: 1	Scale: None
Project Number: 6748-017.00	Drawn By: ANW
A·C·C ENVIRONMENTAL CONSULTANTS 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax: (510) 638-8404	Date: 06/18/05 N W E S



Legend

Groundwater Monitoring Well Location

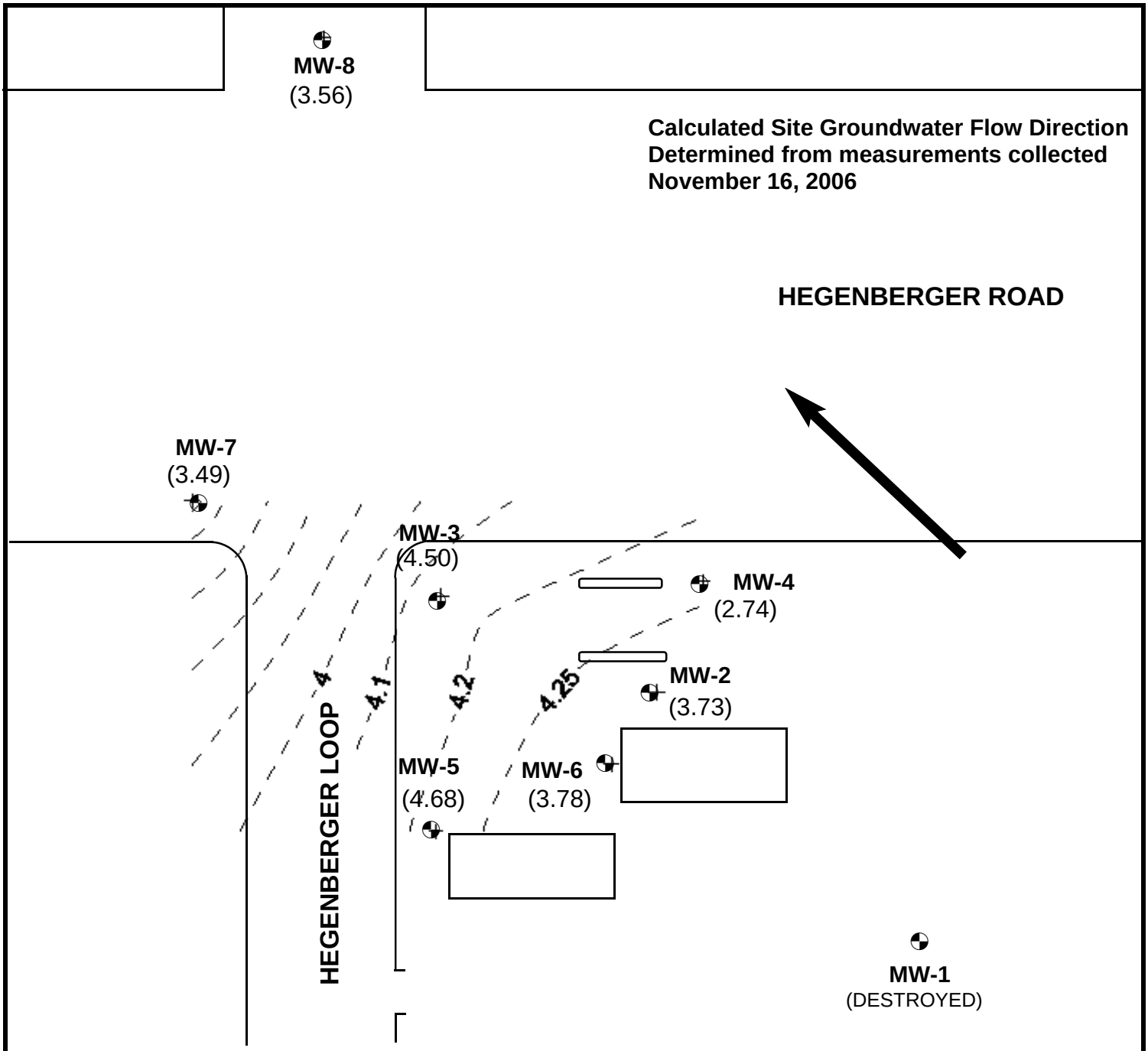
Title: ***Site Plan***
444 Hegenberger Loop
Oakland, California

Figure Number: 2	Scale: 1" = 60'
Project Number: 6748-017.00	Drawn By: ANW
	Date: 8/18/05

A·C·C ENVIRONMENTAL CONSULTANTS
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N W E S

Calculated Site Groundwater Flow Direction
Determined from measurements collected
November 16, 2006



LEGEND

- MW-5 — Groundwater Monitoring Well Location
- Groundwater Elevation Contour
- Groundwater Flow Direction

Title: ***Gradient Map***
300 Hegenberger Road
Oakland, California

Figure Number: 3	Scale: 1" = 60'
Project Number: 6748-017.00	Drawn By: LMB
	Date: 11/16/06

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7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N W E S

ACC ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

JOB NAME:	PURGE METHOD: MANUAL BAIL
SITE ADDRESS: 300 HEGENBERGER	SAMPLED BY: LMB
JOB #: 6748-017.00	LABORATORY: C&T
DATE: 11/16/2006	ANALYSIS: TPHd · TPHg · BTEX · MTBE
Onsite Drum Inventory SOIL:	MONITORING ☒ DEVELOPING ☐
EMPTY: WATER: 1@100%, 1@40%	SAMPLING ☒

WELL: MW-2

DEPTH OF BORING: 19.35
DEPTH TO WATER: 4.77
WATER COLUMN: 14.58
WELL DIAMETER: 2"
WELL VOLUME: 2.5
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
2.5						
5.0						
7.5						
10.0		66.2				2.6

OBSERVATIONS
☐ Froth
☐ Sheen
☒ Odor Type FUEL
☐ Free Product
Amount____ Type____
☐ Other

WELL: MW-3

DEPTH OF BORING: 16.35
DEPTH TO WATER: 4.43
WATER COLUMN: 11.92
WELL DIAMETER: 2"
WELL VOLUME: 2.0
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
2.0						
4.0						
6.0						
8.0		65.9				2.3

OBSERVATIONS
☐ Froth
☐ Sheen
☒ Odor Type FUEL
☐ Free Product
Amount____ Type____
☐ Other

WELL: MW-4

DEPTH OF BORING: 19.33
DEPTH TO WATER: 4.26
WATER COLUMN: 15.07
WELL DIAMETER: 2"
WELL VOLUME: 2.5
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
2.5						
5.0						
7.5						
10.0		65.7				2.1
-1						

OBSERVATIONS
☐ Froth
☐ Sheen
☒ Odor Type FUEL
☐ Free Product
Amount____ Type____
☐ Other

A·C·C ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

JOB NAME:	PURGE METHOD: MANUAL BAIL
SITE ADDRESS: 300 HEGENBERGER	SAMPLED BY: LMB
JOB #: 6748-017.00	LABORATORY: C.T.E.T
DATE: 11/16/2006	ANALYSIS: TPHd · TPHg · BTEX · MTBE
Onsite Drum Inventory SOIL:	MONITORING ☒ DEVELOPING ☐
EMPTY: WATER:	SAMPLING ☒

WELL: MW-5

DEPTH OF BORING: 19.55
DEPTH TO WATER: 4.61
WATER COLUMN: 14.94
WELL DIAMETER: 2"
WELL VOLUME: 2.5
COMMENTS:

PURGE VOL.	PURGE WATER READINGS						OBSERVATIONS
(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
2.5							☐ Sheen
5.0							☐ Odor Type_____
7.5							☐ Free Product
10.0		66.3				2.2	Amount_____Type_____
							☐ Other

WELL: MW-6

DEPTH OF BORING: 15.75
DEPTH TO WATER: 4.94
WATER COLUMN: 10.81
WELL DIAMETER: 2"
WELL VOLUME: 1.8
COMMENTS:

(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
1.8							☐ Sheen
3.6							☐ Odor Type_____
5.4							☐ Free Product
7.2		65.3				3.0	Amount_____Type_____
							☐ Other

WELL: MW-7

DEPTH OF BORING: 19.63
DEPTH TO WATER: 4.57
WATER COLUMN: 15.06
WELL DIAMETER: 2"
WELL VOLUME: 2.5
COMMENTS:

(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
2.5							☐ Sheen
5.0							☐ Odor Type_____
7.5							☐ Free Product
10.0		64.7				3.7	Amount_____Type_____
							☐ Other
-1							

ACC ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

JOB NAME:	PURGE METHOD: MANUAL BAIL
SITE ADDRESS: 300 HEGENBERGER	SAMPLED BY: LMB
JOB #: 6748-017.00	LABORATORY: C2T
DATE: 11/16/2006	ANALYSIS: TPHd · TPHg · BTEX · MTBE
Onsite Drum Inventory SOIL:	MONITORING ☒ DEVELOPING ☐
EMPTY: WATER:	SAMPLING ☒

	PURGE VOL	PURGE WATER READINGS						OBSERVATIONS
WELL:	(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
DEPTH OF BORING: 20,34	2.8							☐ Sheen
DEPTH TO WATER: 3.98	5.6							☐ Odor Type_____
WATER COLUMN: 16.36	8.4							☐ Free Product
WELL DIAMETER: 2"	11.2		63.8				2.8	Amount_____ Type_____
WELL VOLUME: 2.8								☐ Other
COMMENTS:								

WELL:	(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
DEPTH OF BORING:								☐ Sheen
DEPTH TO WATER:								☐ Odor Type_____
WATER COLUMN:								☐ Free Product
WELL DIAMETER:								Amount_____ Type_____
WELL VOLUME:								☐ Other
COMMENTS:								

WELL:	(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	☐ Froth
DEPTH OF BORING:								☐ Sheen
DEPTH TO WATER:								☐ Odor Type_____
WATER COLUMN:								☐ Free Product
WELL DIAMETER:								Amount_____ Type_____
WELL VOLUME:								☐ Other
COMMENTS:								

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:

ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, CA 94621

Date: 11-DEC-06
Lab Job Number: 190967
Project ID: 6748-017.00
Location: 444 Hegenberger Loop

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

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	190967
Client:	ACC Environmental Consultants
Project:	6748-017.00
Location:	444 Hegenberger Loop
Request Date:	11/17/06
Samples Received:	11/17/06

This hardcopy data package contains sample and QC results for seven water samples, requested for the above referenced project on 11/17/06. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):
MW-4 (lab # 190967-005) was analyzed with more than 1 mL of headspace in the VOA vial. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
MW-8 (lab # 190967-001) has higher reporting limits as a result of different volumes extracted. No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00		
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Batch#:	119666		

Field ID: MW-8
Type: SAMPLE
Lab ID: 190967-001

Diln Fac: 1.000
Analyzed: 11/21/06

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	69-137	EPA 8015B
Bromofluorobenzene (FID)	103	80-133	EPA 8015B
Trifluorotoluene (PID)	86	64-132	EPA 8021B
Bromofluorobenzene (PID)	96	80-120	EPA 8021B

Field ID: MW-7
Type: SAMPLE
Lab ID: 190967-002

Diln Fac: 1.000
Analyzed: 11/21/06

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	98	69-137	EPA 8015B
Bromofluorobenzene (FID)	113	80-133	EPA 8015B
Trifluorotoluene (PID)	86	64-132	EPA 8021B
Bromofluorobenzene (PID)	102	80-120	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00		
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Batch#:	119666		

Field ID:	MW-6	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	11/21/06
Lab ID:	190967-003		

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	91	69-137	EPA 8015B
Bromofluorobenzene (FID)	96	80-133	EPA 8015B
Trifluorotoluene (PID)	82	64-132	EPA 8021B
Bromofluorobenzene (PID)	86	80-120	EPA 8021B

Field ID:	MW-2	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	11/21/06
Lab ID:	190967-004		

Analyte	Result	RL	Analysis
Gasoline C7-C12	190	50	EPA 8015B
MTBE	19	2.0	EPA 8021B
Benzene	20	0.50	EPA 8021B
Toluene	1.1 C	0.50	EPA 8021B
Ethylbenzene	0.58	0.50	EPA 8021B
m,p-Xylenes	0.72	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	104	69-137	EPA 8015B
Bromofluorobenzene (FID)	102	80-133	EPA 8015B
Trifluorotoluene (PID)	90	64-132	EPA 8021B
Bromofluorobenzene (PID)	93	80-120	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

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Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe318.met

Software Version 3.1.7
Run Date: 11/21/2006 2:18:13 AM
Analysis Date: 11/21/2006 10:31:08 AM
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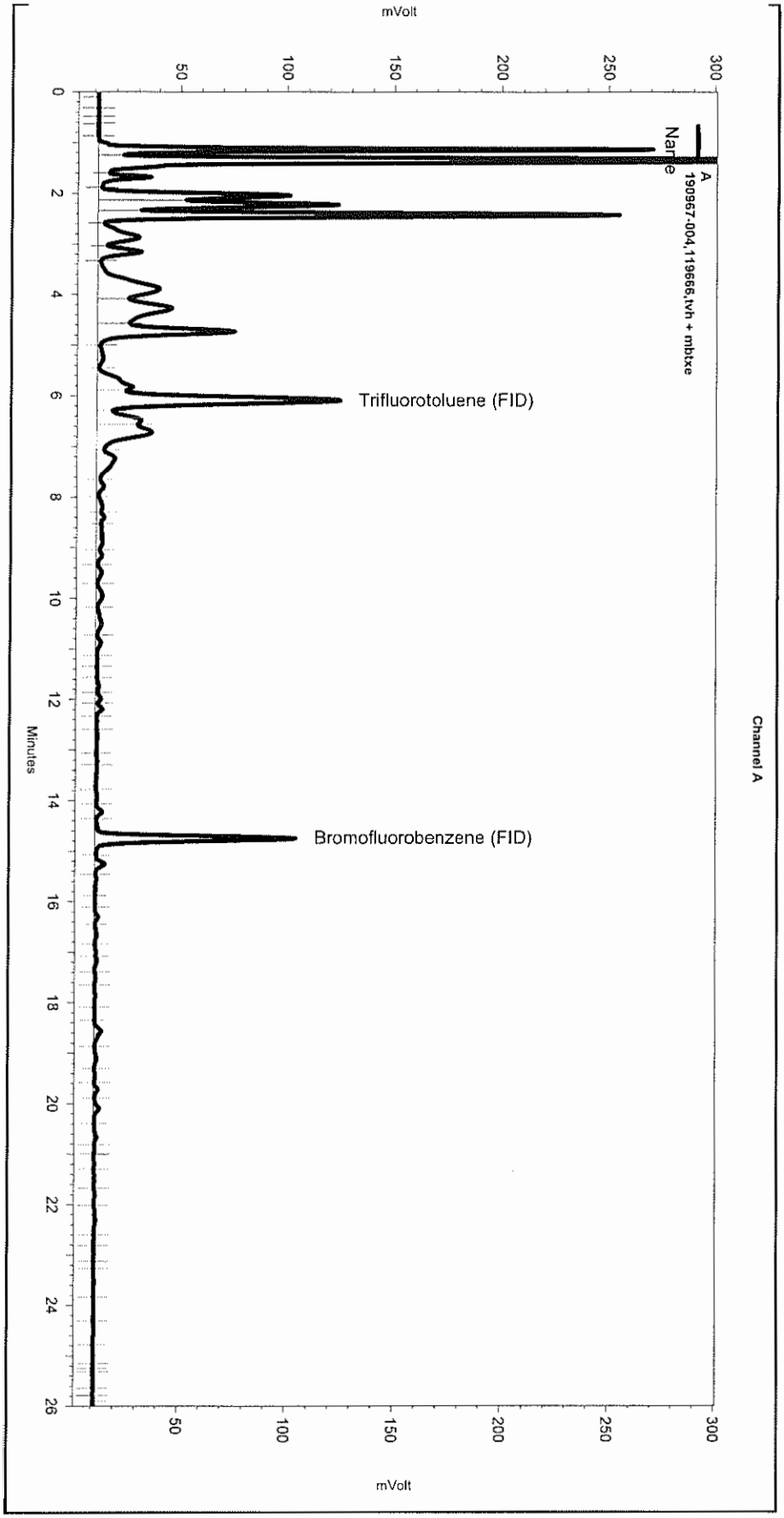
Vial & pH or Core ID: b1.3



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Yes	Threshold	0	0	10

Manual Integration Fixes

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

None

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00		
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Batch#:	119666		

Field ID: MW-4 Lab ID: 190967-005
Type: SAMPLE Analyzed: 11/21/06

Analyte	Result	RL	Diln Fac	Analysis
Gasoline C7-C12	6,100	50	1.000	EPA 8015B
MTBE	ND	2.0	1.000	EPA 8021B
Benzene	1,300	10	20.00	EPA 8021B
Toluene	48 C	0.50	1.000	EPA 8021B
Ethylbenzene	53	0.50	1.000	EPA 8021B
m,p-Xylenes	22	0.50	1.000	EPA 8021B
o-Xylene	5.0	0.50	1.000	EPA 8021B

Surrogate	%REC	Limits	Diln Fac	Analysis
Trifluorotoluene (FID)	108	69-137	1.000	EPA 8015B
Bromofluorobenzene (FID)	106	80-133	1.000	EPA 8015B
Trifluorotoluene (PID)	121	64-132	1.000	EPA 8021B
Bromofluorobenzene (PID)	99	80-120	1.000	EPA 8021B

Field ID: MW-3 Diln Fac: 1.000
Type: SAMPLE Analyzed: 11/21/06
Lab ID: 190967-006

Analyte	Result	RL	Analysis
Gasoline C7-C12	170	50	EPA 8015B
MTBE	2.7	2.0	EPA 8021B
Benzene	12	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	100	69-137	EPA 8015B
Bromofluorobenzene (FID)	98	80-133	EPA 8015B
Trifluorotoluene (PID)	90	64-132	EPA 8021B
Bromofluorobenzene (PID)	92	80-120	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\324.seq
Sample Name: **190967-005,119666,tvh + mbtxe**
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_024
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe318.met

Software Version 3.1.7
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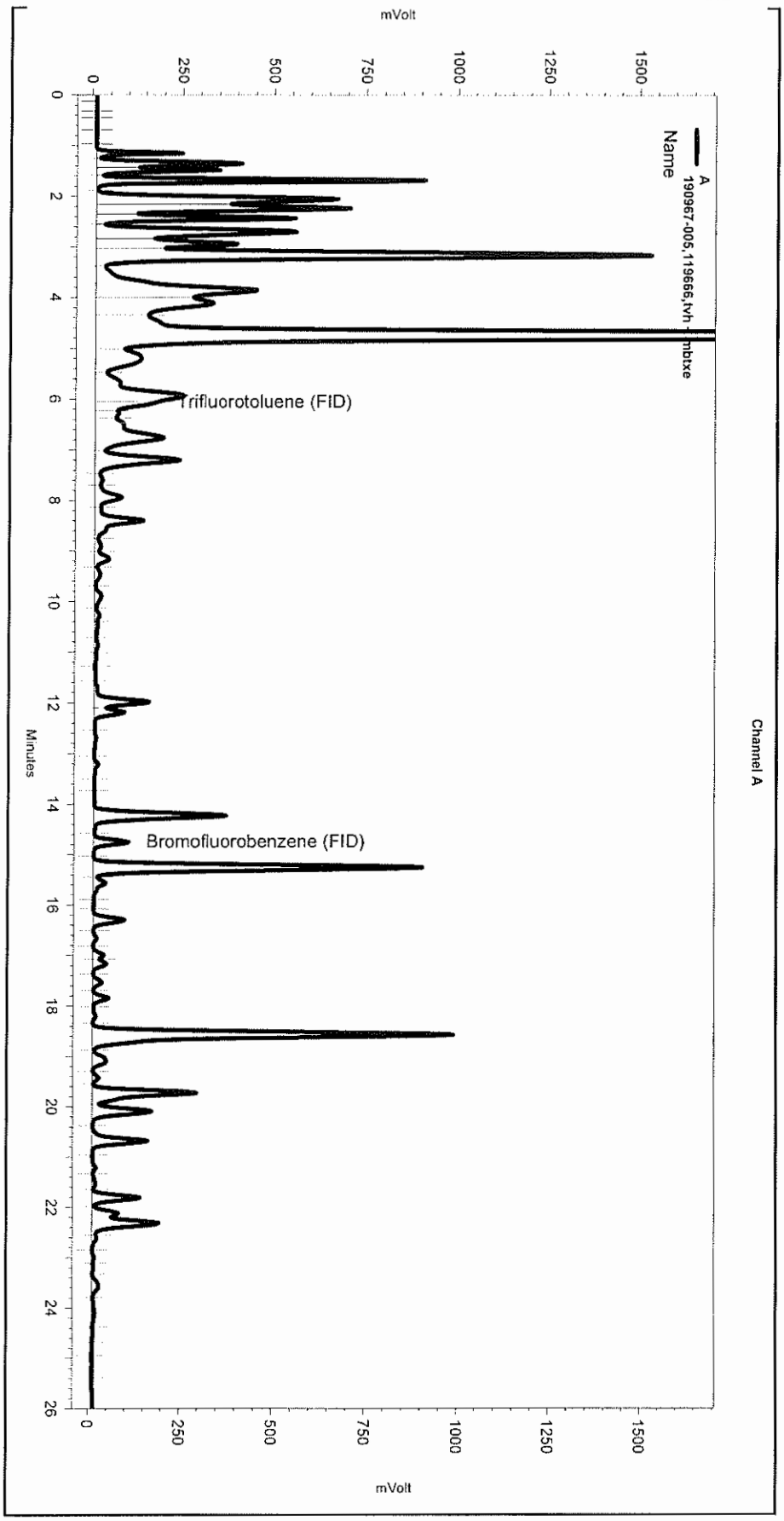
Vial & pH or Core ID: b1.3



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Yes	Threshold	0	0	10

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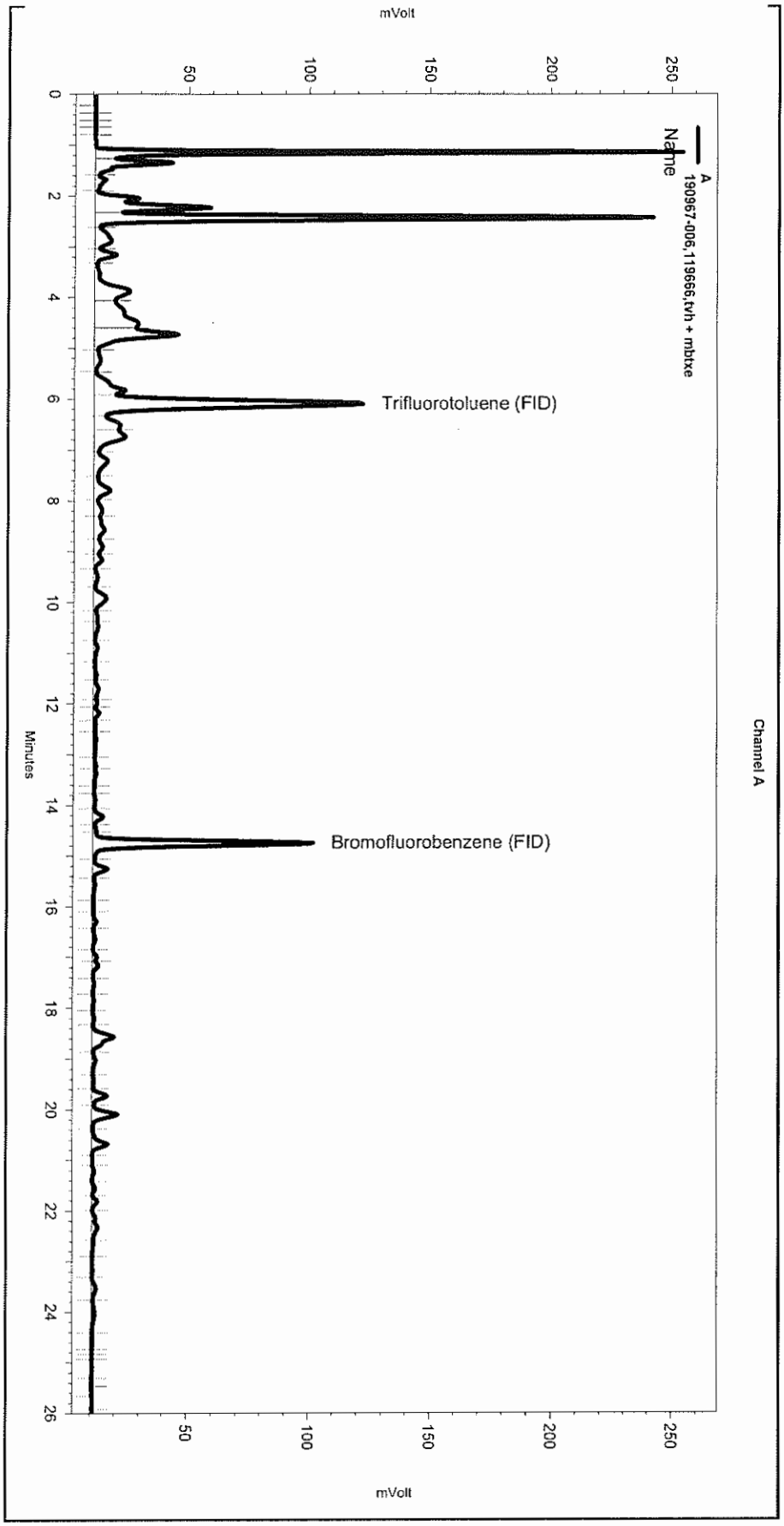
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe318.met

Software Version 3.1.7
Run Date: 11/21/2006 3:31:35 AM
Analysis Date: 11/21/2006 11:33:36 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.3



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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

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_025

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.534	0	0

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00		
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Batch#:	119666		

Field ID:	MW-5	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	11/21/06
Lab ID:	190967-007		

Analyte	Result	RL	Analysis
Gasoline C7-C12	76	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	4.8	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	97	69-137	EPA 8015B
Bromofluorobenzene (FID)	105	80-133	EPA 8015B
Trifluorotoluene (PID)	88	64-132	EPA 8021B
Bromofluorobenzene (PID)	98	80-120	EPA 8021B

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC365461	Analyzed:	11/20/06

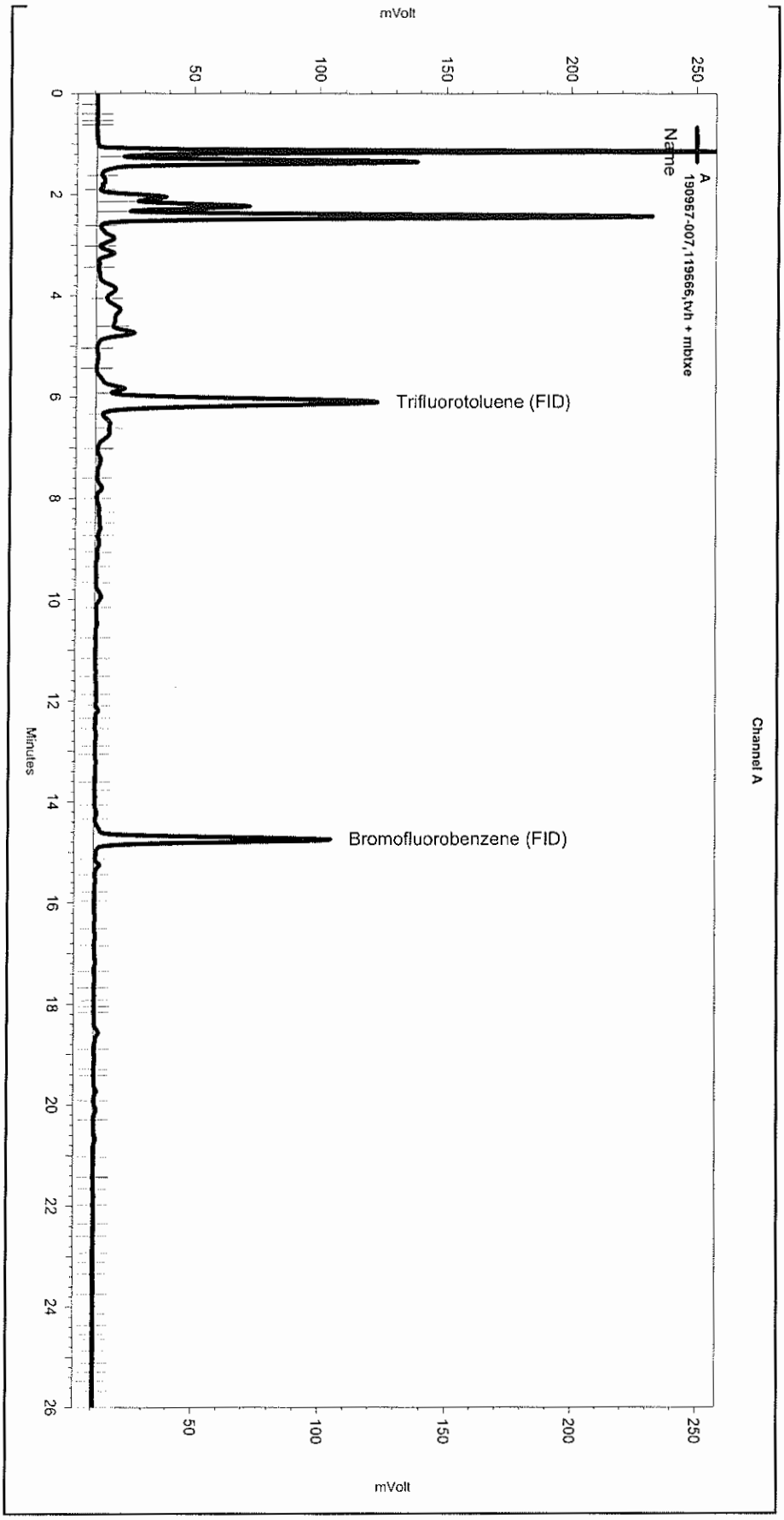
Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	97	69-137	EPA 8015B
Bromofluorobenzene (FID)	97	80-133	EPA 8015B
Trifluorotoluene (PID)	84	64-132	EPA 8021B
Bromofluorobenzene (PID)	85	80-120	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\324.seq
Sample Name: **190967-007,119666,tvh + mbtxe**
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_026
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe318.met

Software Version 3.1.7
Run Date: 11/21/2006 4:08:12 AM
Analysis Date: 11/21/2006 10:31:21 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.3



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Integration Events

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

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_026

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

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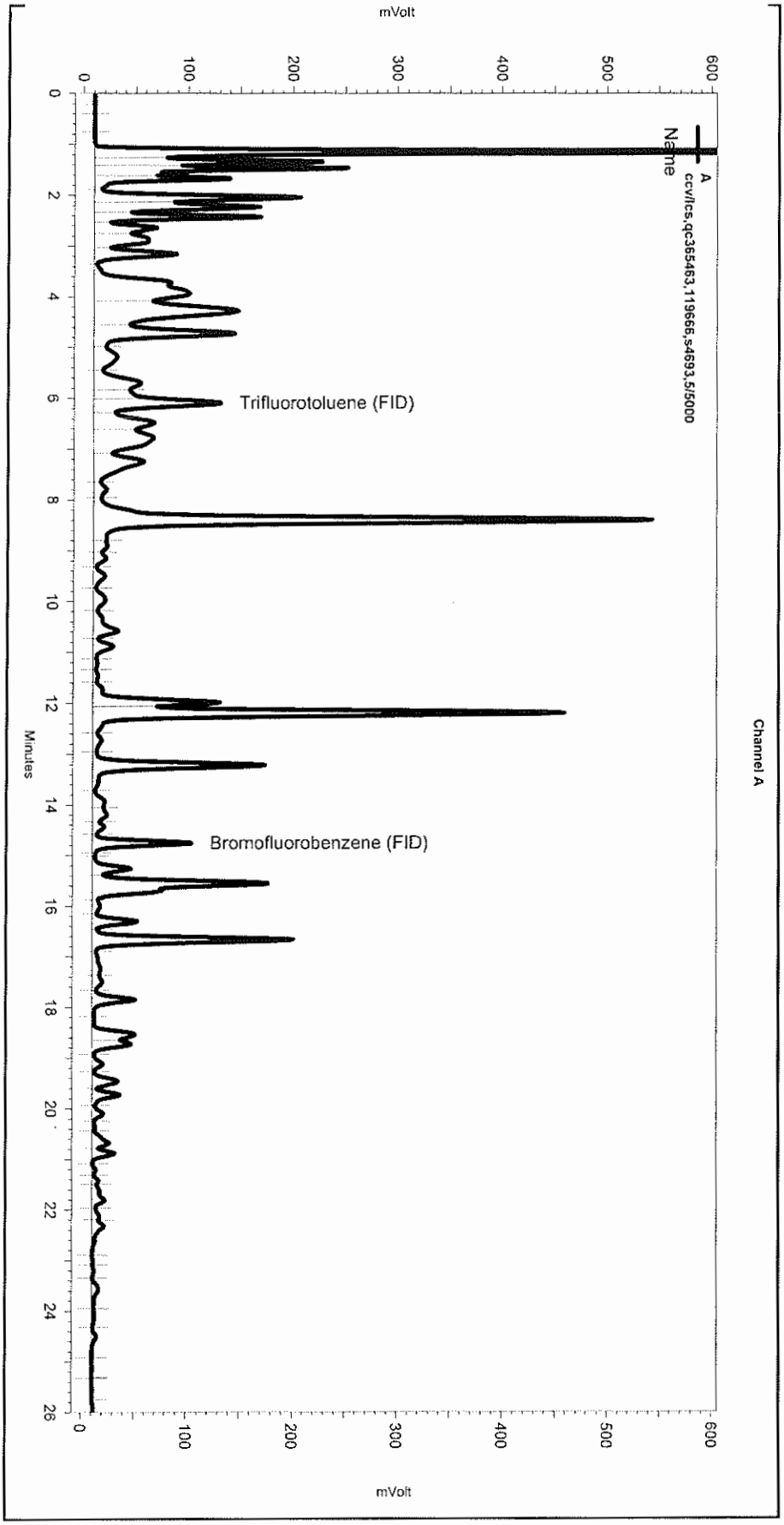
Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\324.seq
Sample Name: **ccv/lcs,qc365463,119666,s4693,5/5000**
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_003
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe318.met

Software Version 3.1.7
Run Date: 11/20/2006 11:34:28 AM
Analysis Date: 11/21/2006 10:29:38 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

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Integration Events

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

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\324_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.018	0	0
Yes	Split Peak	14.951	0	0

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC365462	Batch#:	119666
Matrix:	Water	Analyzed:	11/20/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	21.58	108	72-124
Benzene	20.00	20.30	101	80-120
Toluene	20.00	19.64	98	80-120
Ethylbenzene	20.00	19.84	99	80-120
m,p-Xylenes	20.00	19.71	99	80-120
o-Xylene	20.00	19.83	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	90	64-132
Bromofluorobenzene (PID)	91	80-120

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC365463	Batch#:	119666
Matrix:	Water	Analyzed:	11/20/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,844	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	69-137
Bromofluorobenzene (FID)	106	80-133

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119666
MSS Lab ID:	190952-002	Sampled:	11/16/06
Matrix:	Water	Received:	11/17/06
Units:	ug/L	Analyzed:	11/20/06
Diln Fac:	1.000		

Type: MS Lab ID: QC365464

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	27.52	2,000	1,746	86	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	69-137
Bromofluorobenzene (FID)	102	80-133

Type: MSD Lab ID: QC365465

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,912	94	80-120	9	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	69-137
Bromofluorobenzene (FID)	110	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Diln Fac:	1.000	Prepared:	11/21/06
Batch#:	119713	Analyzed:	11/22/06

Field ID: MW-8 Lab ID: 190967-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	83
Motor Oil C24-C36	ND	500

Surrogate	%REC	Limits
Hexacosane	67	65-130

Field ID: MW-7 Lab ID: 190967-002
Type: SAMPLE Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	80	65-130

Field ID: MW-6 Lab ID: 190967-003
Type: SAMPLE Cleanup Method: EPA 3630C

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

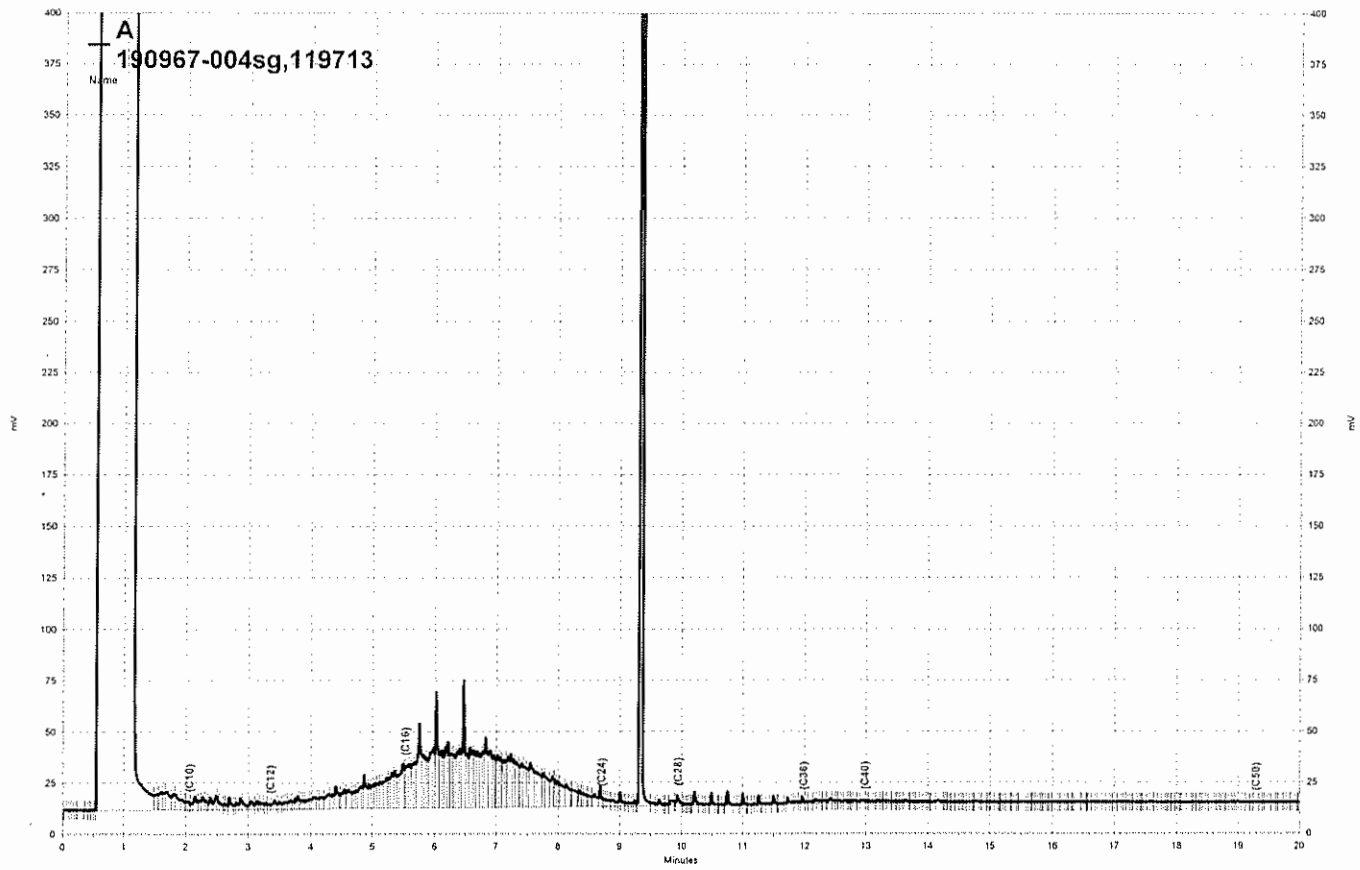
Surrogate	%REC	Limits
Hexacosane	81	65-130

Field ID: MW-2 Lab ID: 190967-004
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	370 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	90	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



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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/16/06
Units:	ug/L	Received:	11/17/06
Diln Fac:	1.000	Prepared:	11/21/06
Batch#:	119713	Analyzed:	11/22/06

Field ID: MW-4 Lab ID: 190967-005
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	430 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	86	65-130

Field ID: MW-3 Lab ID: 190967-006
Type: SAMPLE Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	101	65-130

Field ID: MW-5 Lab ID: 190967-007
Type: SAMPLE Cleanup Method: EPA 3630C

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

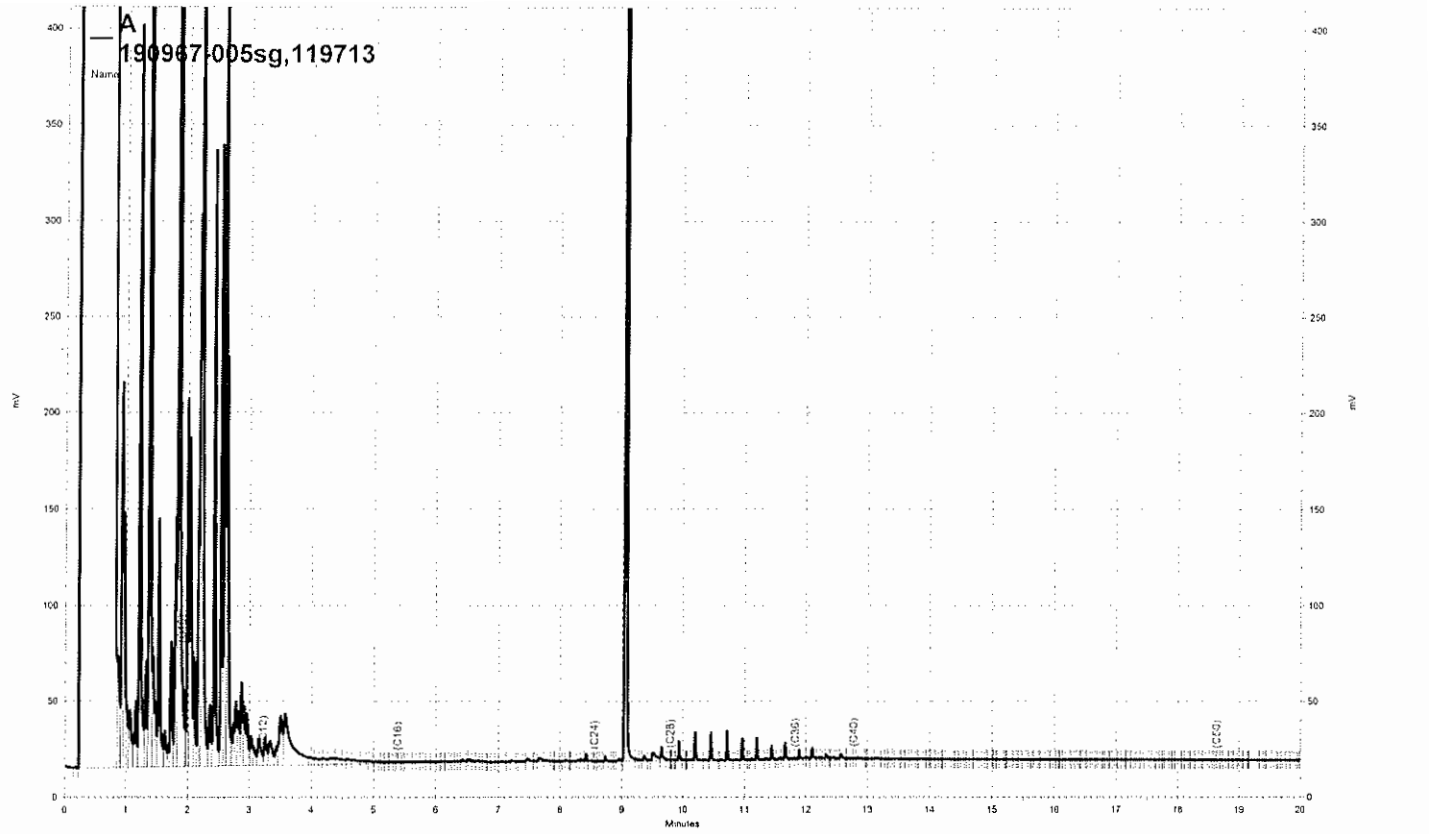
Surrogate	%REC	Limits
Hexacosane	95	65-130

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC365647

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

Surrogate	%REC	Limits
Hexacosane	73	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



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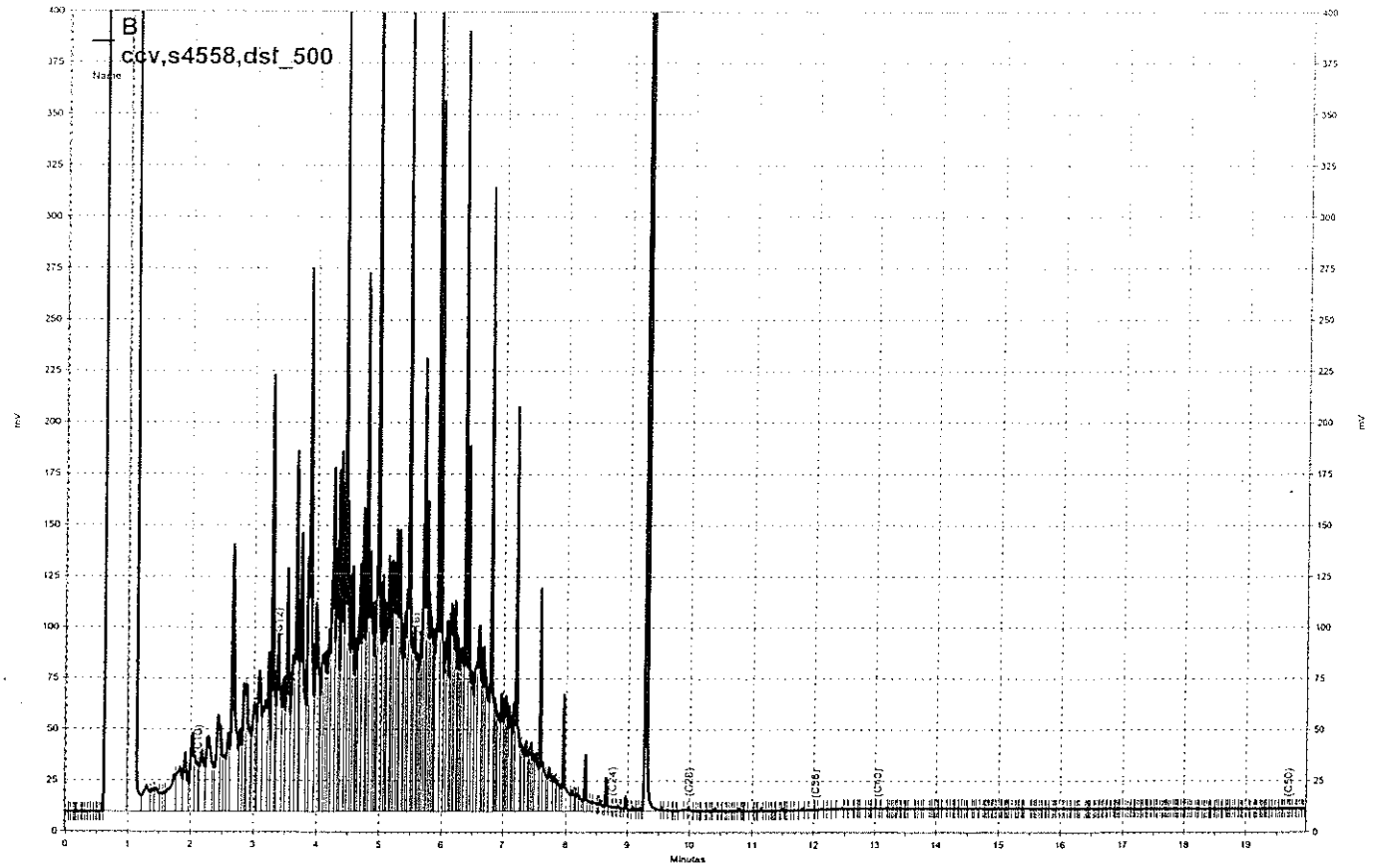

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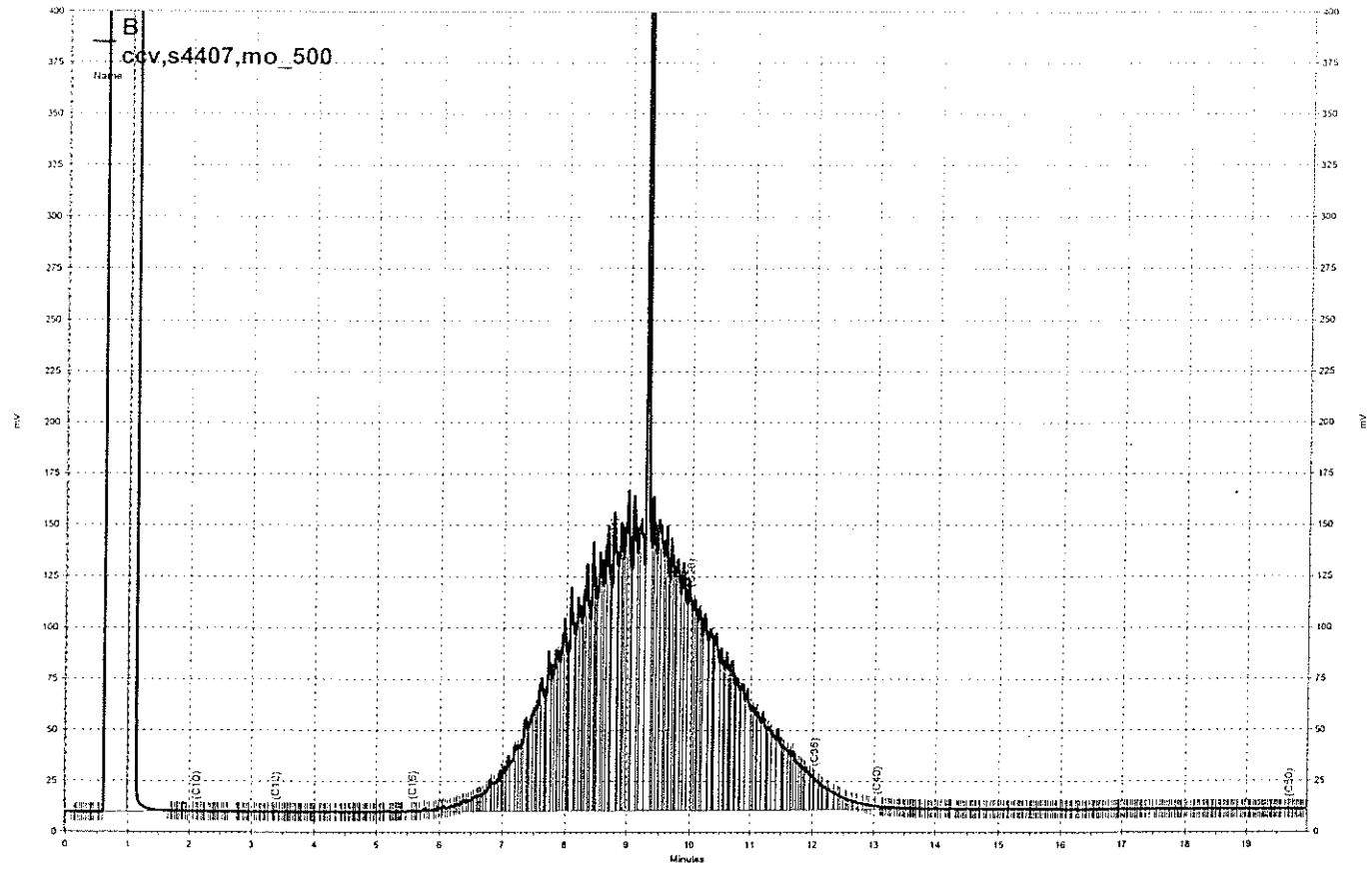

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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	190967	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	119713
Units:	ug/L	Prepared:	11/21/06
Diln Fac:	1.000	Analyzed:	11/22/06

Type: BS
Lab ID: QC365648
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,999	80	61-133

Surrogate	%REC	Limits
Hexacosane	70	65-130

Type: BSD
Lab ID: QC365649
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,037	81	61-133	2	31

Surrogate	%REC	Limits
Hexacosane	71	65-130

RPD= Relative Percent Difference

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 190967

Sampler: Lorena Benitez

Project Number: 6748-017.00

Report To: Lorena Benitez/Dave DeMent

Project Name: 300 Hegenberger Road

Company : ACC Environmental Consultants, Inc

Project P.O.:

Telephone: (510) 638-8400 ext. 127

Turnaround Time: Standard 5 Working Days

Fax: (510) 638-8404

Lab No.	Sample Identity	Sampling Date	Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	TPHg, BTEX, MTBE w/ 8260B	TPHd by 8015M + Silica Gel Cleanup
-1	MW - 8	11/16/2006	10:30		x		4	x			x	x	x
-2	MW - 7	11/16/2006	10:35		x		4	x			x	x	x
-3	MW - 6	11/16/2006	10:40		x		4	x			x	x	x
-4	MW - 2	11/16/2006	10:45		x		4	x			x	x	x
-5	MW - 4	11/16/2006	10:50		x		4	x			x	x	x
-6	MW - 3	11/16/2006	10:55		x		4	x			x	x	x
-7	MW - 5	11/16/2006	11:00		x		4	x			x	x	x

Notes:

Supply GeoTracker EDF:

Global ID
T0600102125

RELINQUISHED BY:	RECEIVED BY:
11/16/2006 DATE/TIME	11/17/06 12:45 DATE/TIME
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME

infect cold RC