A·C·C ENVIRONMENTAL CONSULTANTS

September 15, 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: Second Quarter 2006 Groundwater Monitoring Report
300 Hegenberger Road, Oakland, California
ACC Project No.6748-017-00

Dear Ms. Schroeder:

Enclosed is the Second Quarter Groundwater Monitoring Report describing the groundwater monitoring activities conducted for monitoring wells MW-2 through MW-6 at 300 Hegenberger Loop, Oakland, California. Groundwater samples were not collected from MW-7 and MW-8 due to unusually heavy traffic and unsafe field conditions. ACC recommends that you submit a copy of the report directly to the Alameda County Health Care Services Agency with your cover letter.

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

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

SECOND 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

September 15, 2006

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Reviewed By: _____
David R. DeMent, PG, REA II
Environmental Division Manager

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TABLE OF CONTENTS

SECOND QUARTER 2006
GROUNDWATER MONITORING REPORT

300 Hegenberger Road
Oakland, California

1.0 INTRODUCTION

This Second 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. S ilty 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 May 19, 2006 in five of the seven groundwater monitoring wells. Due to unusually heavy traffic wells and unsafe field conditions, wells MW-7 and MW-8 were not sampled. 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.

Well No.	Date Sampled	Well Elevation[1] (above MSL)	Depth to Groundwater	Groundwater Elevation
	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
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
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
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		---	---
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		---	---

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)

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
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
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
	06/09/00		5.24	94.76
	12/14/00	8.50[2]	4.60	3.90
MW-4	05/07/01		5.20	3.30
cont	10/04/01		5.08	3.42

3.2 Groundwater Gradient

The calculated groundwater flow direction and gradient, as determined from monitoring well data obtained on May 19, 2006 is illustrated on Figure 3. Generally, revised groundwater piezometric surface contours approximate historic values and groundwater flow direction trends west-northwest. The calculated groundwater gradient averaged 0.003 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

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*

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(9)	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)(2)	<50	<0.50	7.8	<0.50	<0.50	<0.50
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)(2)	1,700	<2.0	300	4.2	17	11
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
	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
MW-4	06/09/00	<50	220	---	91	0.93	<0.5	<0.5
cont	12/14/00	<50	96	<0.5	15	<0.5	<0.5	<0.5

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)
	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
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
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)(2)	600	<1.3	180	15	35	20.4
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	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---

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

5.0 DISCUSSION

The calculated groundwater flow direction is towards the northwest at a gradient of 0.003 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 believes that tidal fluctuations, apparent in San Leandro Creek located approximately 200 feet west and northwest of the Site, are responsible for the variation in previously calculated groundwater flow directions and gradients based on groundwater elevations measured in the monitoring wells and their proximity to San Leandro Creek.

Reported TPHd concentrations increased in well MW-6 and decreased in wells MW-2, MW-3, MW-4, and MW-5. Reported TPHd concentration decreased significantly in MW-3 and was below the detection limit in wells MW-4 and MW-5. Reported TPHg and BTEX concentrations increased in monitoring wells MW-5 and MW-6. TPHg concentrations ranged from 1,400 µg/L in well MW-5 to 600 µg/L in well MW-6. Reported benzene concentrations ranged from 630 µg/L in well MW-5 to 180 µg/L in well MW-6. With the exception of 7.8 µg/L benzene, TPHg, BTEX, and MTBE were not detected above their respective laboratory reporting limits in well MW-2. MTBE was not detected above its laboratory reporting limit in any of the groundwater monitoring wells and is not a constituent of concern.

In comparison to the February 2006 sampling event, TPHd, TPHg, and BTEX concentrations generally decreased in monitoring wells MW-2, MW-3, and MW-4. In wells MW-5 and MW-6 TPHg and BTEX concentrations increased. Periodic groundwater monitoring results obtained since December 1998 have demonstrated that a residual source of petroleum hydrocarbon impact to groundwater primarily exists in soil in the vicinity of monitoring wells MW-3 and MW-5. This soil residual impact to groundwater continues to fluctuate on a seasonal basis but is generally decreasing with time.

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 soil source of petroleum hydrocarbon impact to groundwater;

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

- TPHd, TPHg, and BTEX are the primary constituents of concern and any additional investigation or groundwater monitoring should target these analytes.

7.0 RECOMMENDATIONS

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

- Conduct additional Site investigation to revise the Conceptual Site Model, fill apparent data gaps, and obtain current data about residual TPH concentrations in soil and groundwater to assess potential human health risk based on proposed Site use;

- As required by the lead regulatory agency, continue to perform periodic groundwater monitoring and sampling and ensure the Site is Geotracker compliant in anticipation of obtaining eventual regulatory Site closure; and

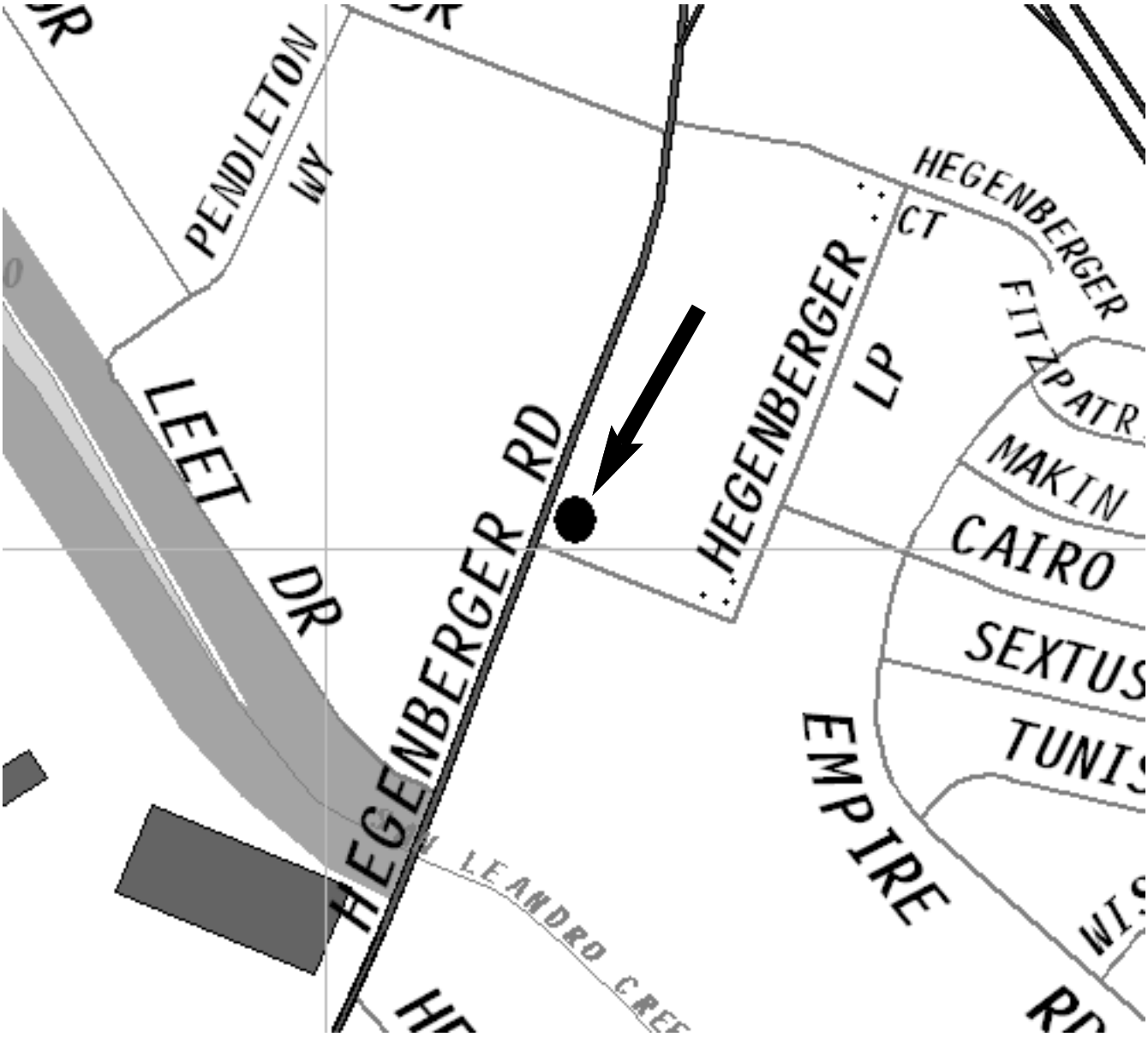
- Continue to perform periodic groundwater monitoring in order to obtain the groundwater quality data necessary to ultimately warrant full regulatory closure.

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.

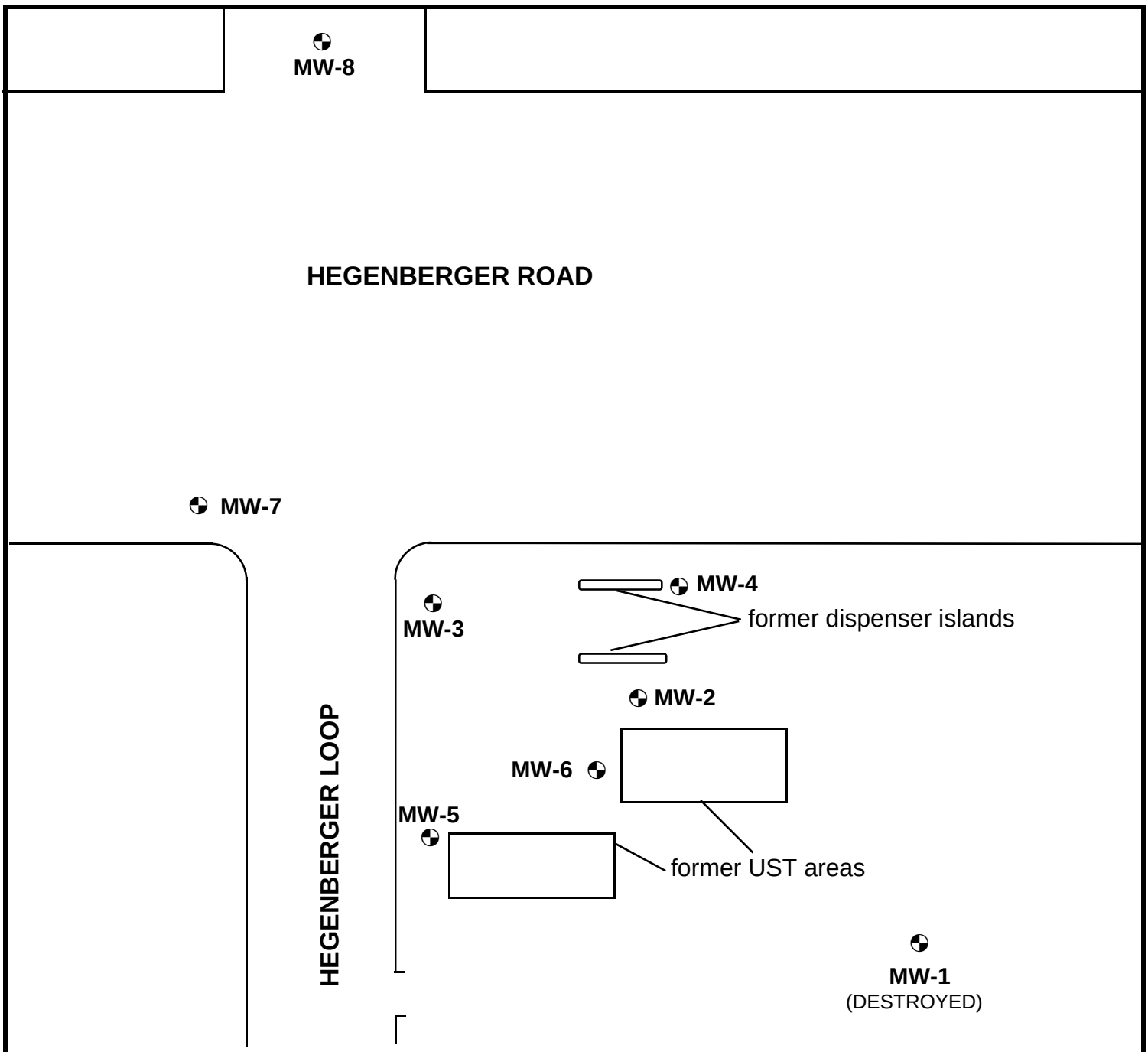


Source: The Thomas Guide, Bay Area, 2004

Title: ***Location Map*** ***444 Hegenberger Loop*** ***Oakland, California***	
Figure Number: 1	Scale: None
Project Number: 6748-017.00	Drawn By: ANW
	Date: 06/18/05

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

N W E S



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

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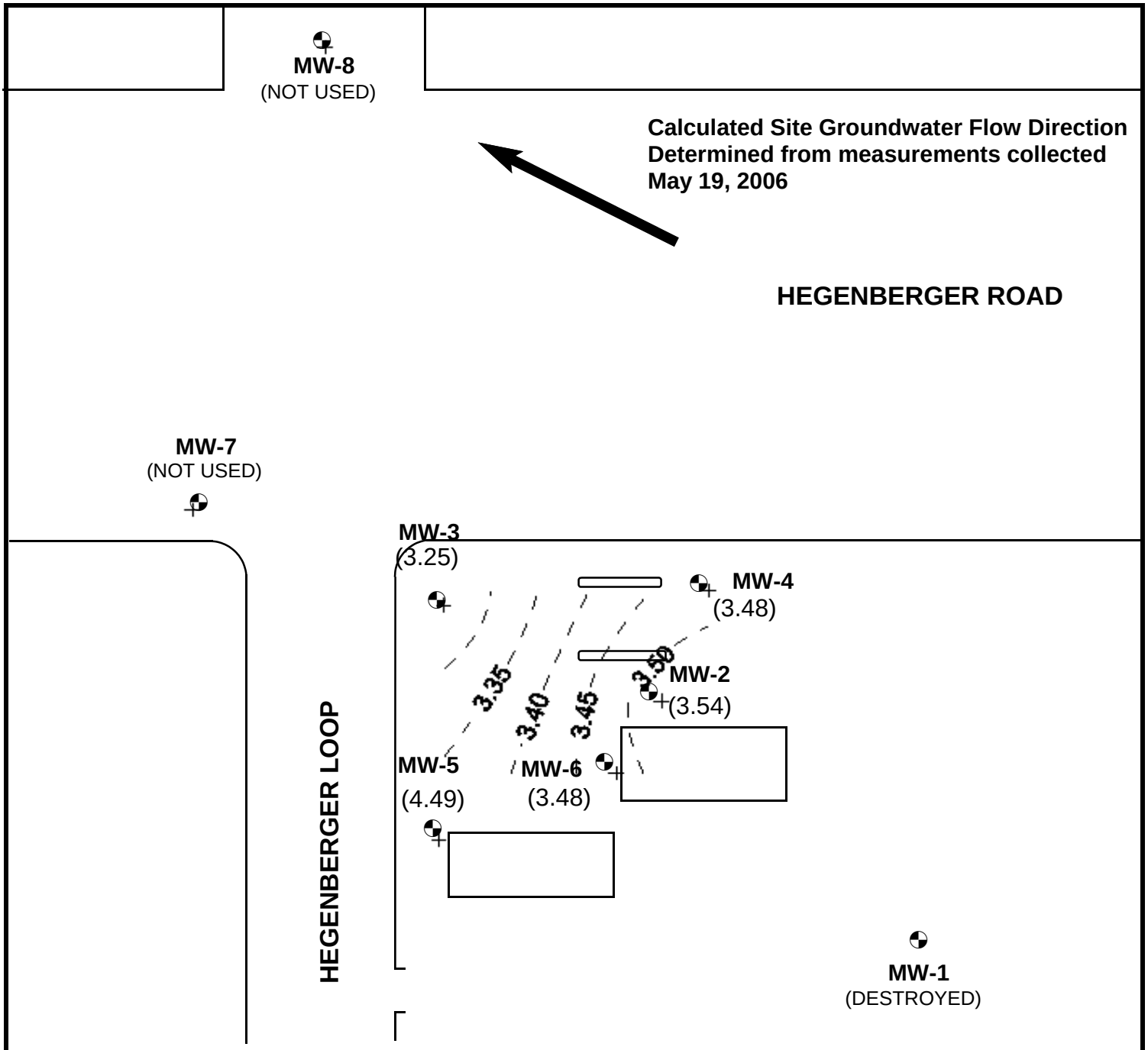

LEGEND

- 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: ANW
	Date: 06/06/06

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Oakland, California 94621
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N W E S

ACC ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

JOB NAME:	PURGE METHOD: Manual Bail
SITE ADDRESS: 444 Hegenberger	SAMPLED BY: Dan
JOB #: 6748.017.00	LABORATORY: C&T
DATE: 5-19-06	ANALYSIS: TPHd, TPHg-BTEX MTBE
Onsite Drum Inventory SOIL:	MONITORING ☒ DEVELOPING ☐
EMPTY: WATER: 10 ~~00~~ 20	SAMPLING ☒

WELL: MW-2

DEPTH OF BORING: 19.25
DEPTH TO WATER: 5.51
WATER COLUMN: 13.74
WELL DIAMETER: 2"
WELL VOLUME: 2.3
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
2.3						
4.6						
6.9						
9.2			64.1			1.6

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type_____ ☐ Free Product Amount_____ Type_____ ☐ Other

WELL: MW-3

DEPTH OF BORING: 16.35
DEPTH TO WATER: 5.35
WATER COLUMN: 11.00
WELL DIAMETER: 2"
WELL VOLUME: 1.8
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
1.8						
3.6						
5.4						
7.2		64.0				1.8

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type_____ ☐ Free Product Amount_____ Type_____ ☐ Other

WELL: MW-4

DEPTH OF BORING: 19.38
DEPTH TO WATER: 5.02
WATER COLUMN: 14.36
WELL DIAMETER: 2"
WELL VOLUME: 2.3
COMMENTS:

PURGE VOL. (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
2.3						
4.6						
6.9						
9.2		65.3				2.0

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type_____ ☐ Free Product Amount_____ Type_____ ☐ Other

ACC ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

2 of 3

JOB NAME:	PURGE METHOD:
SITE ADDRESS: 444 HAGEN BERGER	SAMPLED BY:
JOB #: 6748-017-00	LABORATORY:
DATE: 5-19-06	ANALYSIS:
Onsite Drum Inventory SOIL:	MONITORING ☐ DEVELOPING ☐
EMPTY: WATER:	SAMPLING ☐

WELL: MW-8
DEPTH OF BORING: 19.55
DEPTH TO WATER: ~~5.56~~ 4.35
WATER COLUMN: 15.20
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		Odd				3.0

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type____ ☐ Free Product Amount____Type____ ☐ Other

WELL: MW-6
DEPTH OF BORING: 15.75
DEPTH TO WATER: 5.71
WATER COLUMN: 10.04
WELL DIAMETER: 2"
WELL VOLUME: 1.6
COMMENTS:

PURGE VOL (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
1.2						
3.2						
4.8						
6.4		67.1				3.0

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type____ ☐ Free Product Amount____Type____ ☐ Other

WELL: MW-7
DEPTH OF BORING:
DEPTH TO WATER:
WATER COLUMN:
WELL DIAMETER:
WELL VOLUME:
COMMENTS:

PURGE VOL (Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.
	WELL	NOT	ACCESSIBLE			
	DUE	TO	TRAFFIC.			

OBSERVATIONS: ☐ Froth ☐ Sheen ☐ Odor Type____ ☐ Free Product Amount____Type____ ☐ Other

A·C·C ENVIRONMENTAL CONSULTANTS

ACC MONITORING WELL WORKSHEET

3083

JOB NAME:	PURGE METHOD:
SITE ADDRESS: 444 HAGENBERGER	SAMPLED BY:
JOB #: 6748-017-00	LABORATORY:
DATE: 5-19-06	ANALYSIS:
Onsite Drum Inventory SOIL:	MONITORING ☐ DEVELOPING ☐
EMPTY: WATER:	SAMPLING ☐

WELL: MW-8

	PURGE VOL	PURGE WATER READINGS						OBSERVATIONS
	(Gal)	pH	Temp.(C)	Cond.	Sal.	Turb.	D.O.	
DEPTH OF BORING:		WELL NOT ACCESSIBLE						☐ Froth
DEPTH TO WATER:		DUE TO TRAFFIC.						☐ Sheen
WATER COLUMN:								☐ Odor Type_____
WELL DIAMETER:								☐ Free Product
WELL VOLUME:								Amount_____ Type_____
COMMENTS:								☐ Other

WELL:

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

WELL:

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

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

ANALYTICAL REPORT

Prepared for:

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

Date: 26-MAY-06
Lab Job Number: 186928
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:	186928
Client:	ACC Environmental Consultants
Project:	6748-017.00
Location:	444 Hegenberger Loop
Request Date:	05/19/06
Samples Received:	05/19/06

This hardcopy data package contains sample and QC results for five water samples, requested for the above referenced project on 05/19/06. The samples were received cold and intact.

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

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

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06

Field ID:	MW-2	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	113750
Lab ID:	186928-001	Analyzed:	05/24/06

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
Benzene	7.8	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

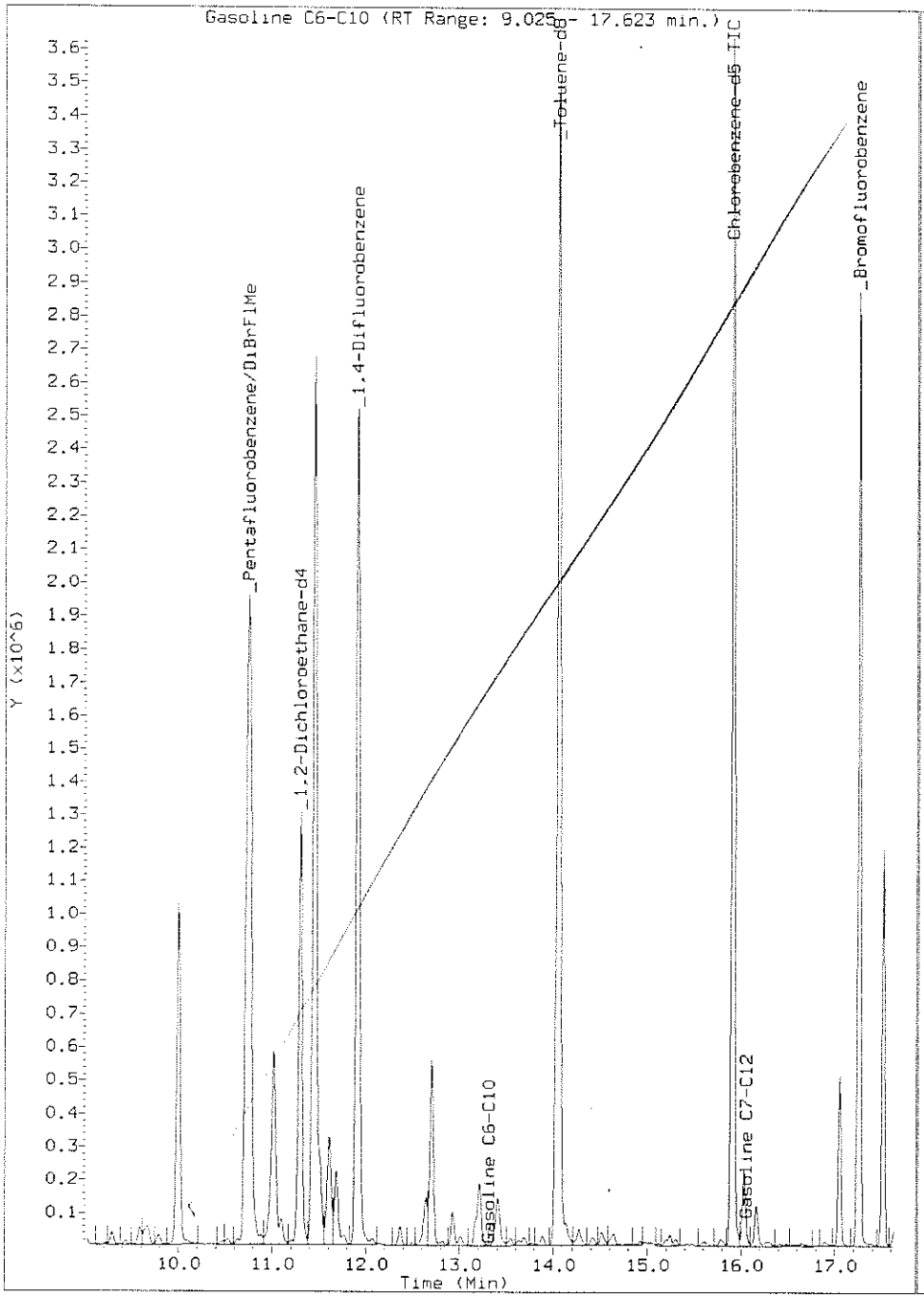
Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	111	80-122

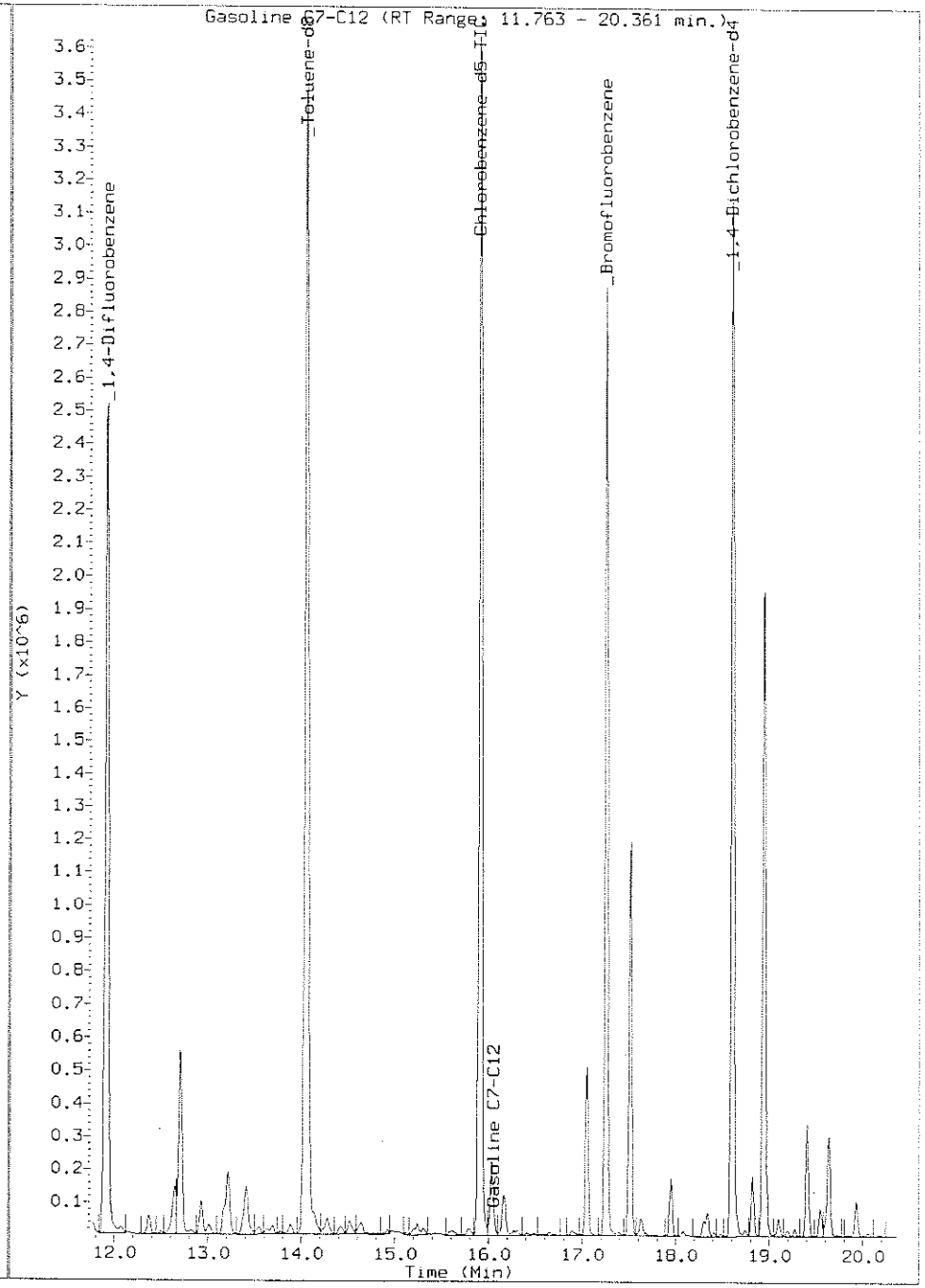
Field ID:	MW-3	Diln Fac:	4.000
Type:	SAMPLE	Batch#:	113750
Lab ID:	186928-002	Analyzed:	05/24/06

Analyte	Result	RL
Gasoline C7-C12	1,700	200
MTBE	ND	2.0
Benzene	300	2.0
Toluene	4.2	2.0
Ethylbenzene	17	2.0
m,p-Xylenes	11	2.0
o-Xylene	ND	2.0

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

ND= Not Detected
RL= Reporting Limit


Gasoline C6-C10 (RT Range: 9.025 - 17.623 min.)
Y (x10^6)
Time (Min)
Pentafluorobenzene/DiBrFlMe
1,2-Dichloroethane-d4
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 TIC
Bromofluorobenzene
Gasoline C6-C10
Gasoline C7-C12


Gasoline C7-C12 (RT Range: 11.763 - 20.361 min.)
Y (x10^6)
Time (Min)
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 TIC
Bromofluorobenzene
1,4-Dichlorobenzene-d4
Gasoline C7-C12

MW-3

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06

Field ID:	MW-4	Diln Fac:	1.429
Type:	SAMPLE	Batch#:	113793
Lab ID:	186928-003	Analyzed:	05/25/06

Analyte	Result	RL
Gasoline C7-C12	220	71
MTBE	ND	0.71
Benzene	120	0.71
Toluene	2.4	0.71
Ethylbenzene	ND	0.71
m,p-Xylenes	1.0	0.71
o-Xylene	ND	0.71

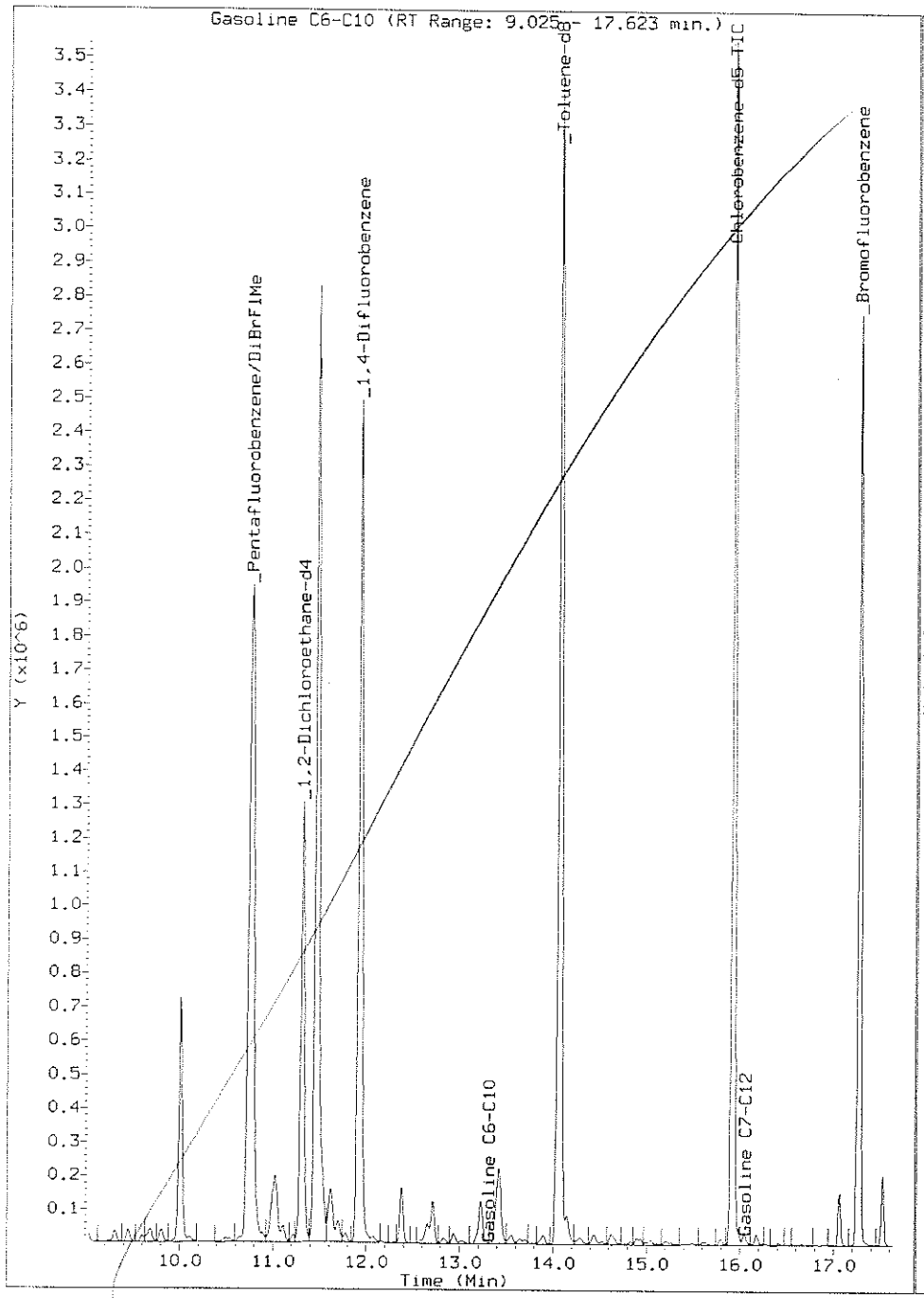
Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

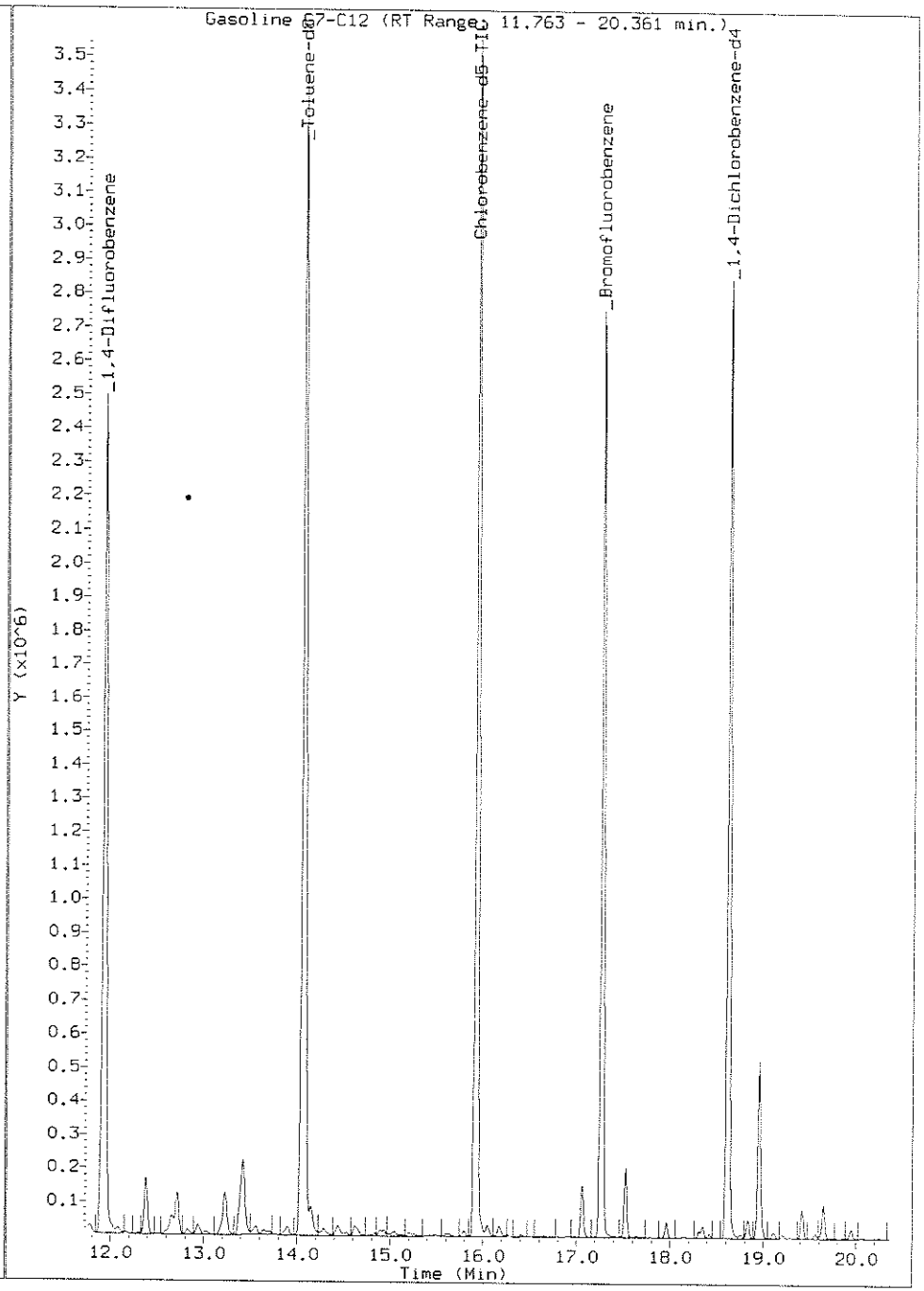
Field ID:	MW-5	Diln Fac:	10.00
Type:	SAMPLE	Batch#:	113750
Lab ID:	186928-004	Analyzed:	05/24/06

Analyte	Result	RL
Gasoline C7-C12	1,400	500
MTBE	ND	5.0
Benzene	630	5.0
Toluene	55	5.0
Ethylbenzene	79	5.0
m,p-Xylenes	12	5.0
o-Xylene	7.1	5.0

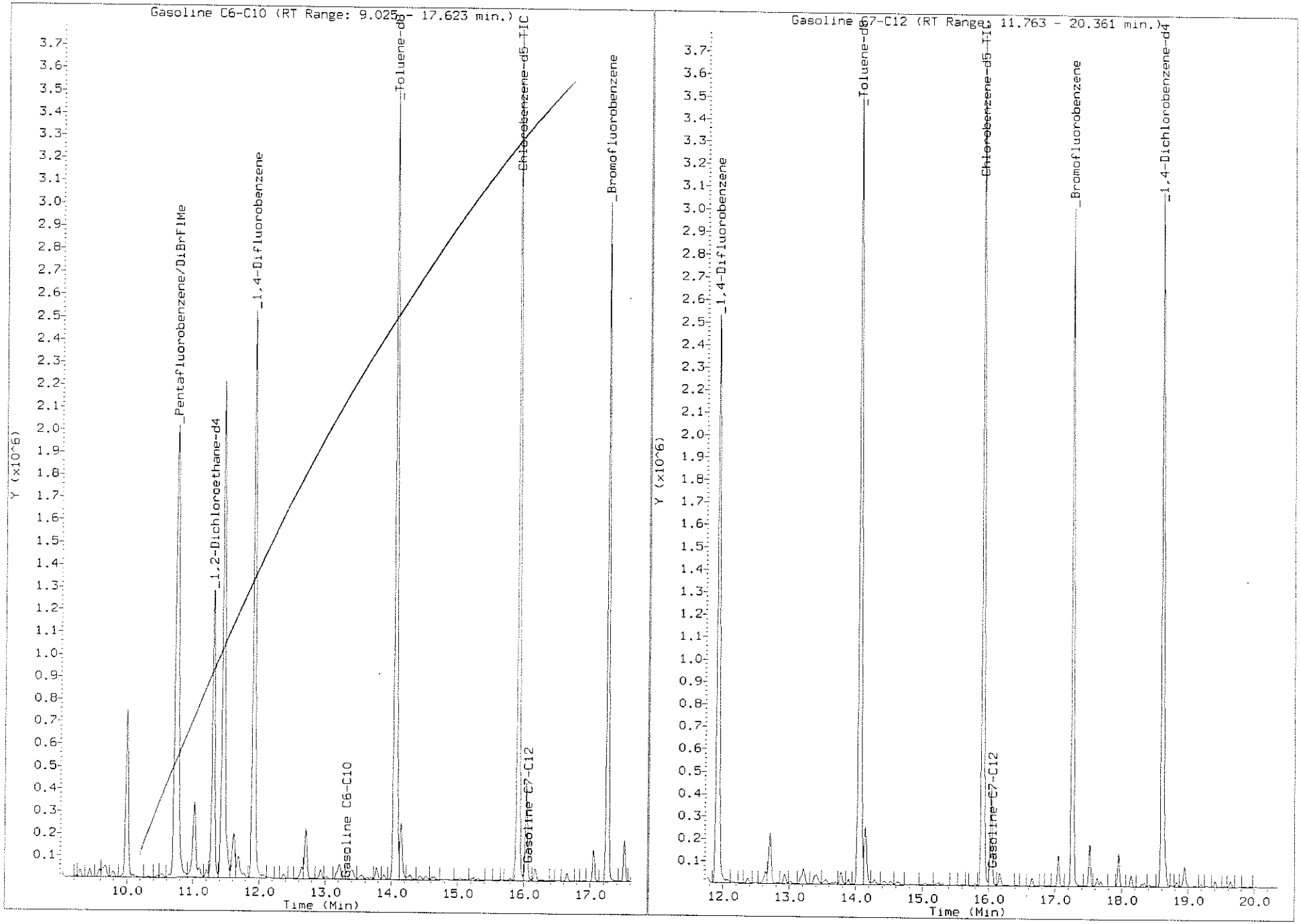
Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected
RL= Reporting Limit


Gasoline C6-C10 (RT Range: 9.025 - 17.623 min.)
Y (x10^6)
Time (Min)
Pentafluorobenzene/DiBrFIMe
1,2-Dichloroethane-d4
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 TIC
Bromofluorobenzene
Gasoline C6-C10
Gasoline C7-C12


Gasoline C7-C12 (RT Range: 11.763 - 20.361 min.)
Y (x10^6)
Time (Min)
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 TIC
Bromofluorobenzene
1,4-Dichlorobenzene-d4

MW-4


Gasoline C6-C10 (RT Range: 9.025 - 17.623 min.)
Pentafluorobenzene/DiBrFlMe
1,2-Dichloroethane-d4
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5-TIC
Bromofluorobenzene
Gasoline C6-C10
Gasoline C7-C12
Y (x10^6)
Time (Min)
Gasoline C7-C12 (RT Range: 11.763 - 20.361 min.)
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5-TIC
Bromofluorobenzene
1,4-Dichlorobenzene-d4
Gasoline C7-C12
Y (x10^6)
Time (Min)

MW-5

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Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06

Field ID:	MW-6	Diln Fac:	2.500
Type:	SAMPLE	Batch#:	113793
Lab ID:	186928-005	Analyzed:	05/25/06

Analyte	Result	RL
Gasoline C7-C12	600	130
MTBE	ND	1.3
Benzene	180	1.3
Toluene	15	1.3
Ethylbenzene	35	1.3
m,p-Xylenes	16	1.3
o-Xylene	4.4	1.3

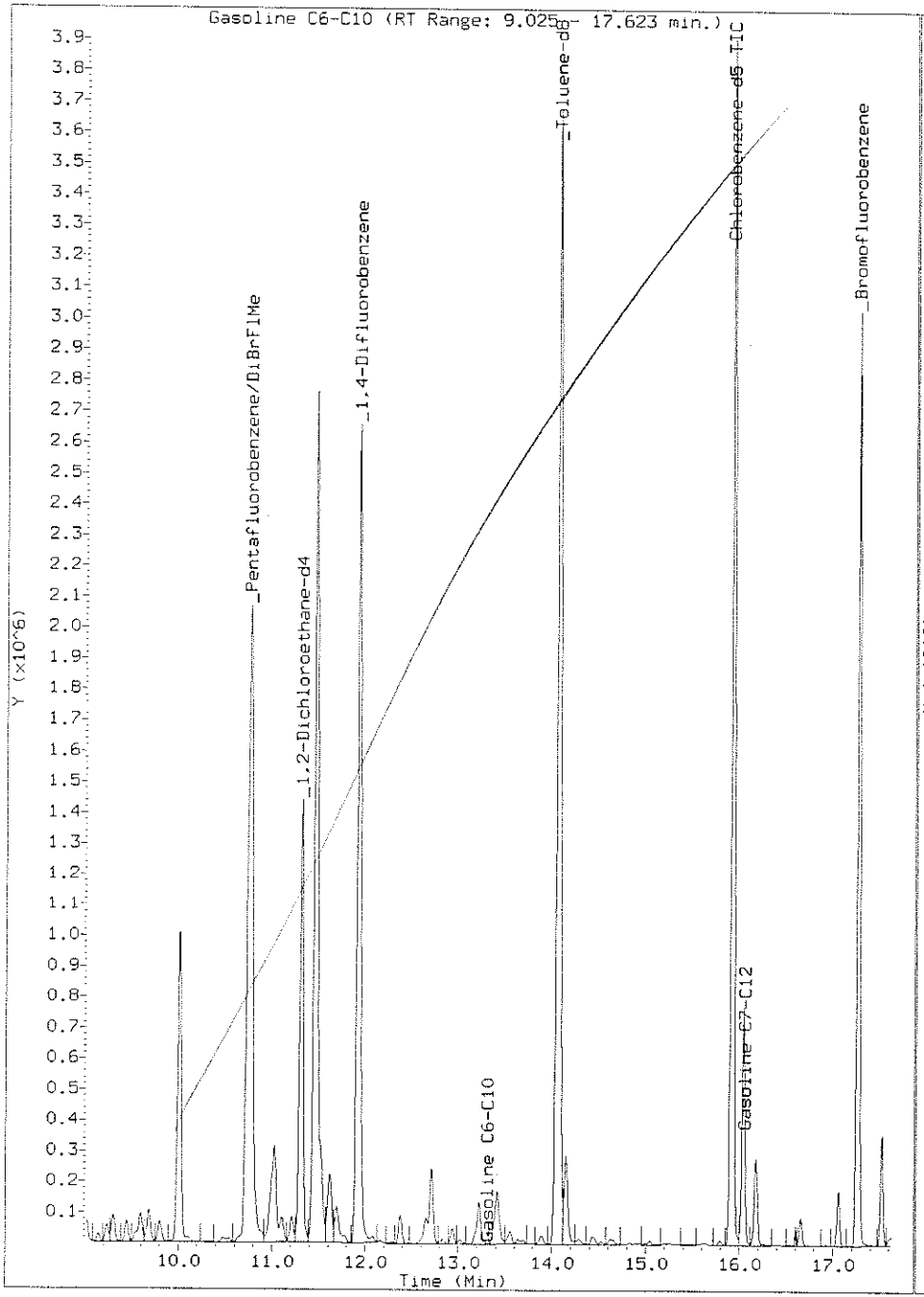
Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	103	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	112	80-122

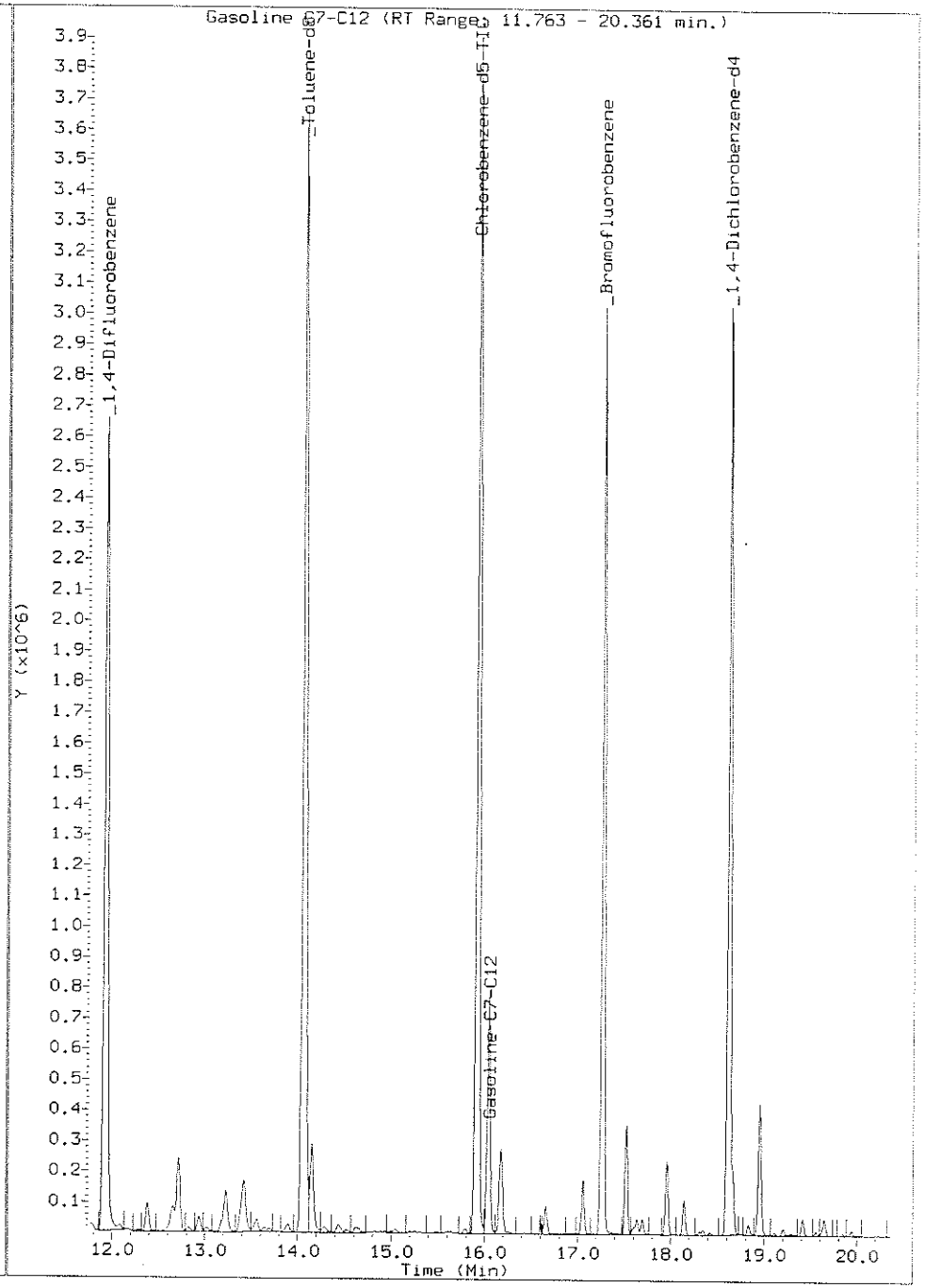
Type:	BLANK	Batch#:	113750
Lab ID:	QC341270	Analyzed:	05/24/06
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-122

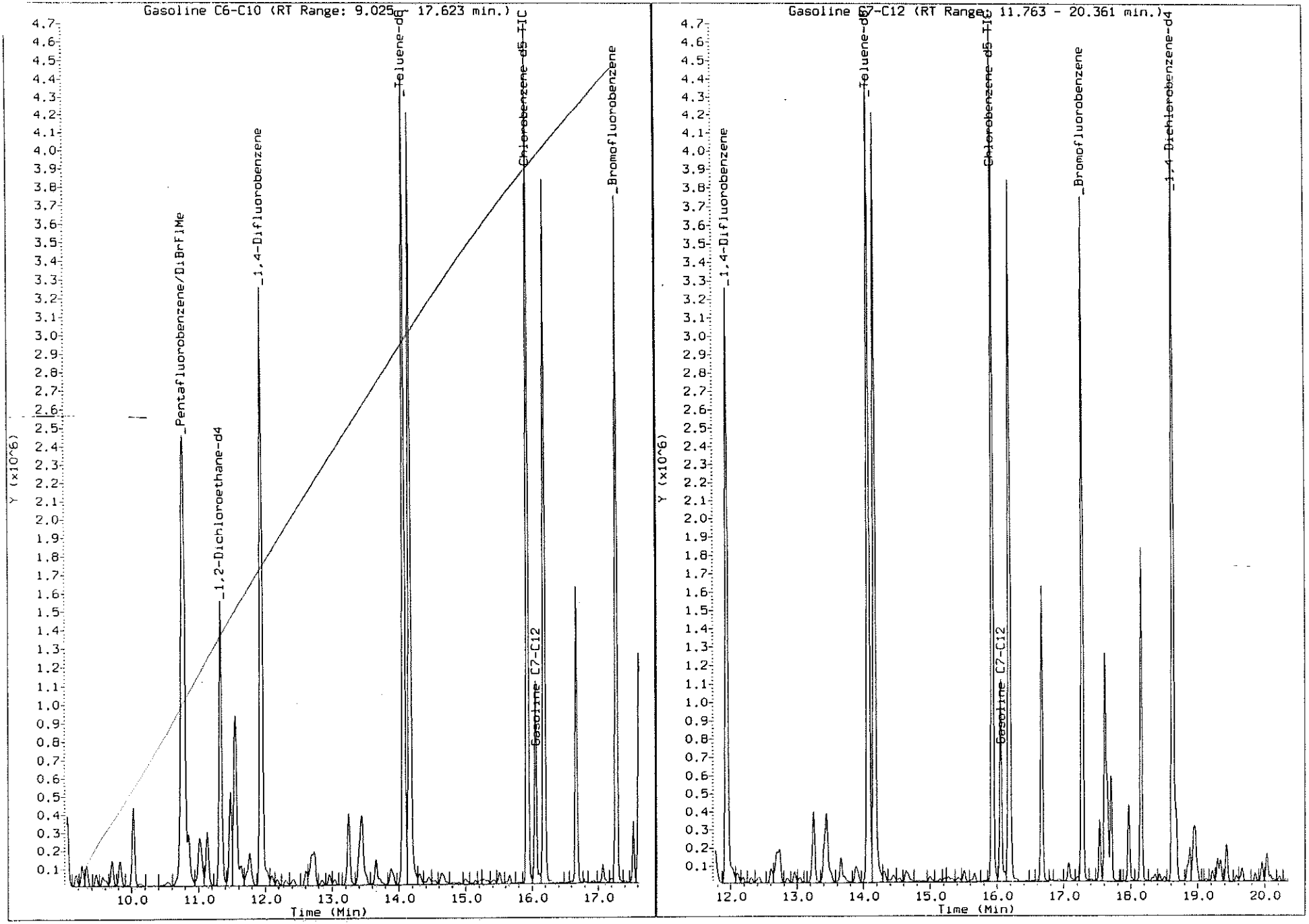
ND= Not Detected
RL= Reporting Limit


Gasoline C6-C10 (RT Range: 9.025 - 17.623 min.)
Y (x10^6)
Time (Min)
Pentafluorobenzene/DiBrFlMe
1,2-Dichloroethane-d4
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 IIC
Bromofluorobenzene
Gasoline C6-C10
Gasoline C7-C12


Gasoline C7-C12 (RT Range: 11.763 - 20.361 min.)
Y (x10^6)
Time (Min)
1,4-Difluorobenzene
Toluene-d8
Chlorobenzene-d5 IIC
Bromofluorobenzene
1,4-Dichlorobenzene-d4
Gasoline C7-C12

MW-6

MSVOA10 MBT/H REF. CHROMATOGRAM - 1000 PPB ICAL JE223.



Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06

Type:	BLANK	Batch#:	113793
Lab ID:	QC341442	Analyzed:	05/25/06
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	114	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113750
Units:	ug/L	Analyzed:	05/24/06
Diln Fac:	1.000		

Type: BS Lab ID: QC341266

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	22.72	91	72-120
Benzene	25.00	22.14	89	80-120
Toluene	25.00	22.92	92	80-120
Ethylbenzene	25.00	22.82	91	80-120
m,p-Xylenes	50.00	46.25	92	80-121
o-Xylene	25.00	24.07	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-122

Type: BSD Lab ID: QC341267

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	23.28	93	72-120	2	20
Benzene	25.00	24.28	97	80-120	9	20
Toluene	25.00	24.64	99	80-120	7	20
Ethylbenzene	25.00	24.63	99	80-120	8	20
m,p-Xylenes	50.00	50.20	100	80-121	8	20
o-Xylene	25.00	26.11	104	80-120	8	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	93	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113750
Units:	ug/L	Analyzed:	05/24/06
Diln Fac:	1.000		

Type: BS Lab ID: QC341268

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	976.6	98	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC341269

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,007	101	70-130	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	97	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113793
Units:	ug/L	Analyzed:	05/25/06
Diln Fac:	1.000		

Type: BS Lab ID: QC341438

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.59	94	72-120
Benzene	25.00	23.43	94	80-120
Toluene	25.00	23.30	93	80-120
Ethylbenzene	25.00	22.84	91	80-120
m,p-Xylenes	50.00	46.43	93	80-121
o-Xylene	25.00	23.63	95	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC341439

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	23.98	96	72-120	2	20
Benzene	25.00	24.19	97	80-120	3	20
Toluene	25.00	23.60	94	80-120	1	20
Ethylbenzene	25.00	24.10	96	80-120	5	20
m,p-Xylenes	50.00	48.10	96	80-121	4	20
o-Xylene	25.00	24.70	99	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	98	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	6748-017.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113793
Units:	ug/L	Analyzed:	05/25/06
Diln Fac:	1.000		

Type: BS Lab ID: QC341440

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	879.1	88	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	110	80-122

Type: BSD Lab ID: QC341441

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,032	103	70-130	16	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06
Diln Fac:	1.000	Prepared:	05/22/06
Batch#:	113687		

Field ID: MW-2 Analyzed: 05/23/06
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 186928-001

Analyte	Result	RL
Diesel C10-C24	210 L Y	50

Surrogate	%REC	Limits
Hexacosane	100	65-130

Field ID: MW-3 Analyzed: 05/23/06
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 186928-002

Analyte	Result	RL
Diesel C10-C24	510 L Y	50

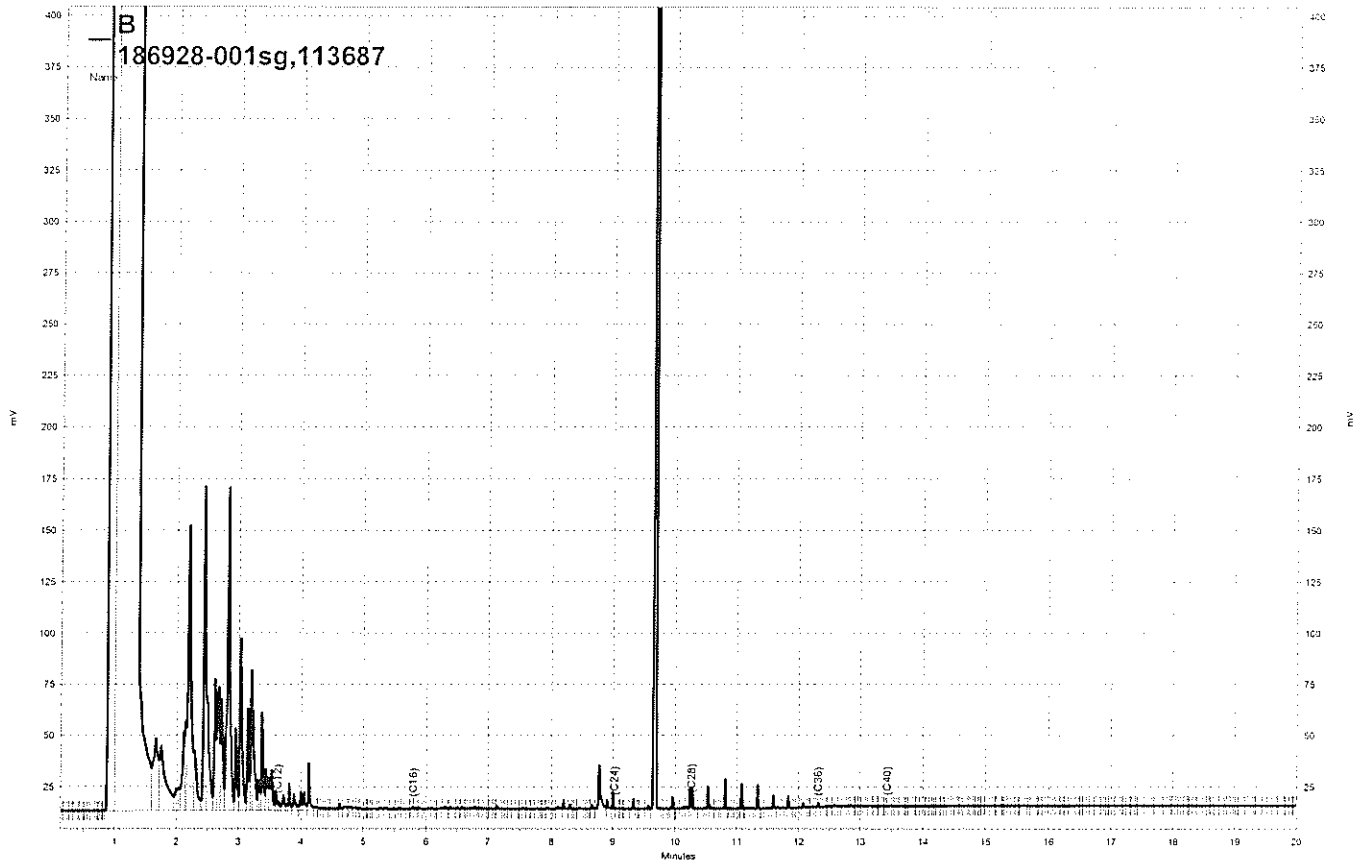
Surrogate	%REC	Limits
Hexacosane	108	65-130

Field ID: MW-4 Analyzed: 05/23/06
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 186928-003

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	104	65-130

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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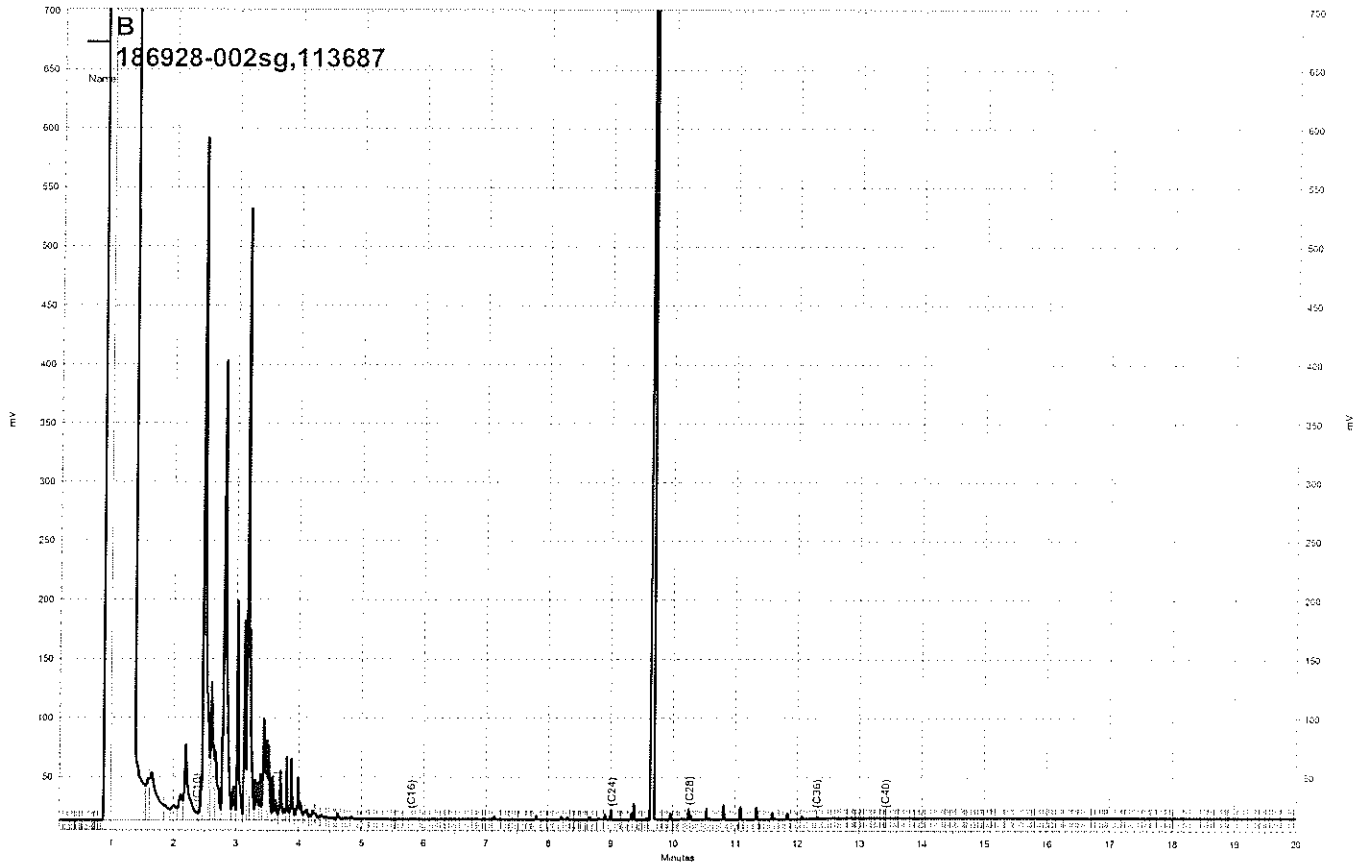

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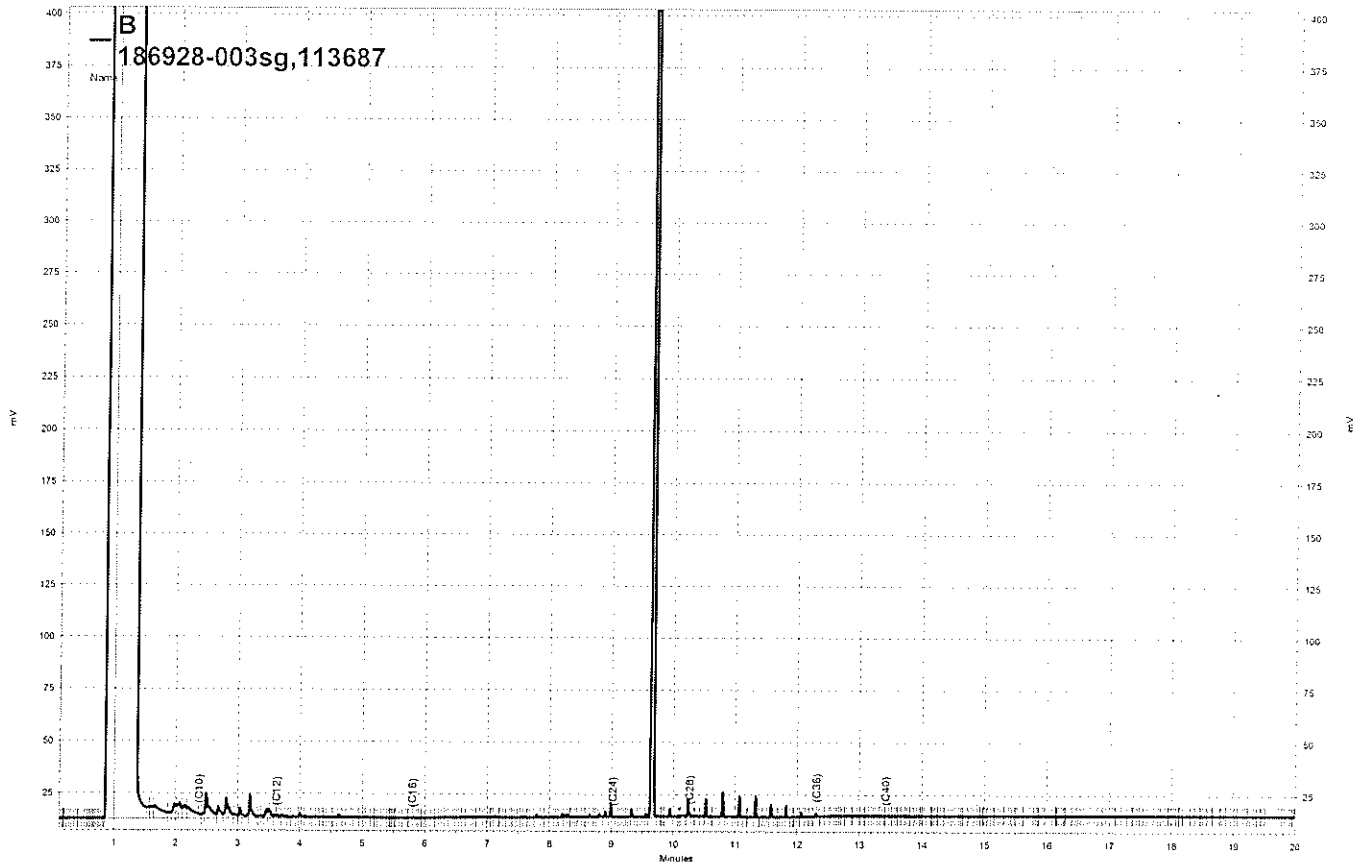

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/16/06
Units:	ug/L	Received:	05/19/06
Diln Fac:	1.000	Prepared:	05/22/06
Batch#:	113687		

Field ID:	MW-5	Analyzed:	05/23/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	186928-004		

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	103	65-130

Field ID:	MW-6	Analyzed:	05/24/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	186928-005		

Analyte	Result	RL
Diesel C10-C24	390 L Y	50

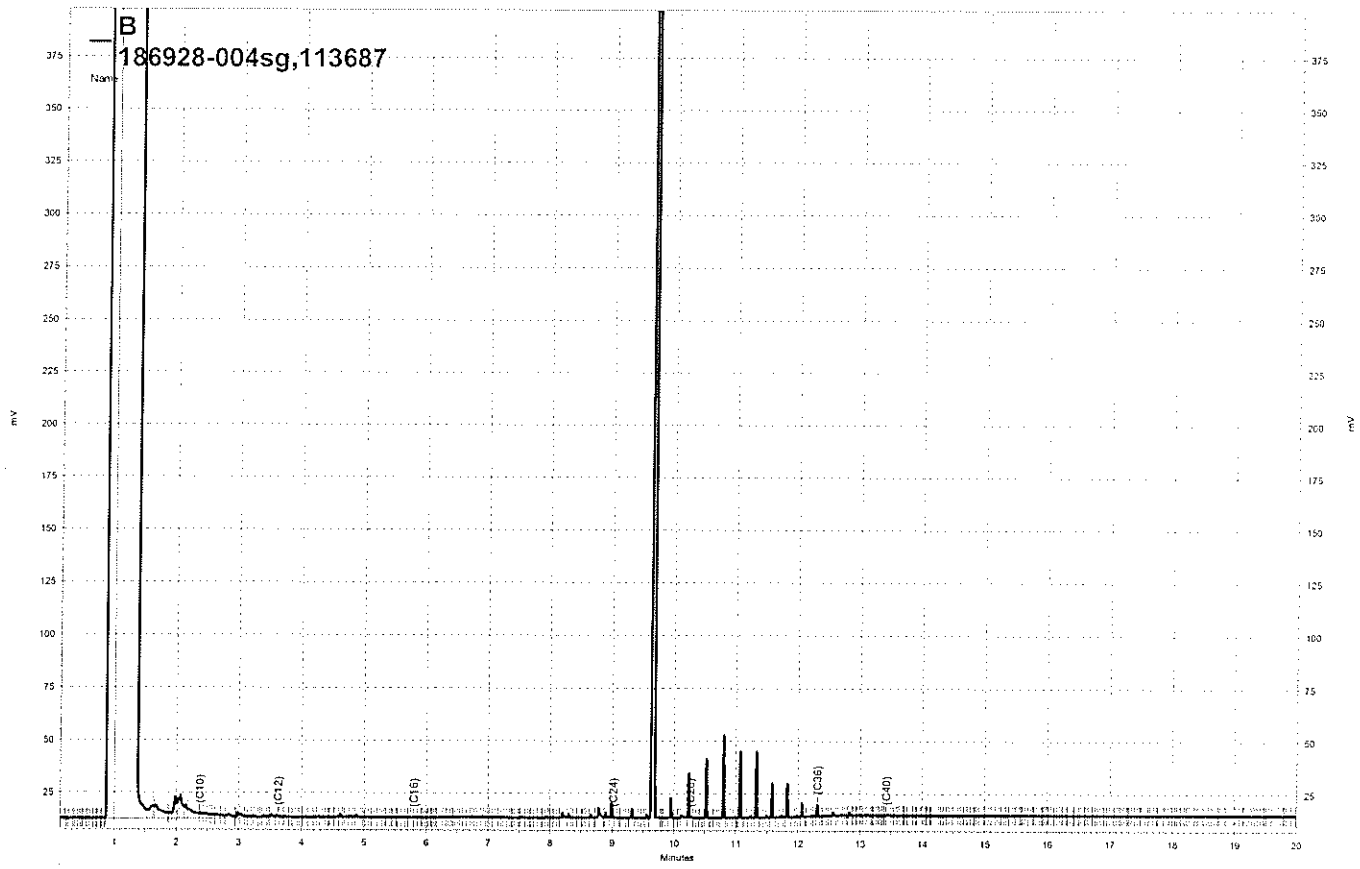
Surrogate	%REC	Limits
Hexacosane	68	65-130

Type:	BLANK	Analyzed:	05/23/06
Lab ID:	QC341045	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	91	65-130

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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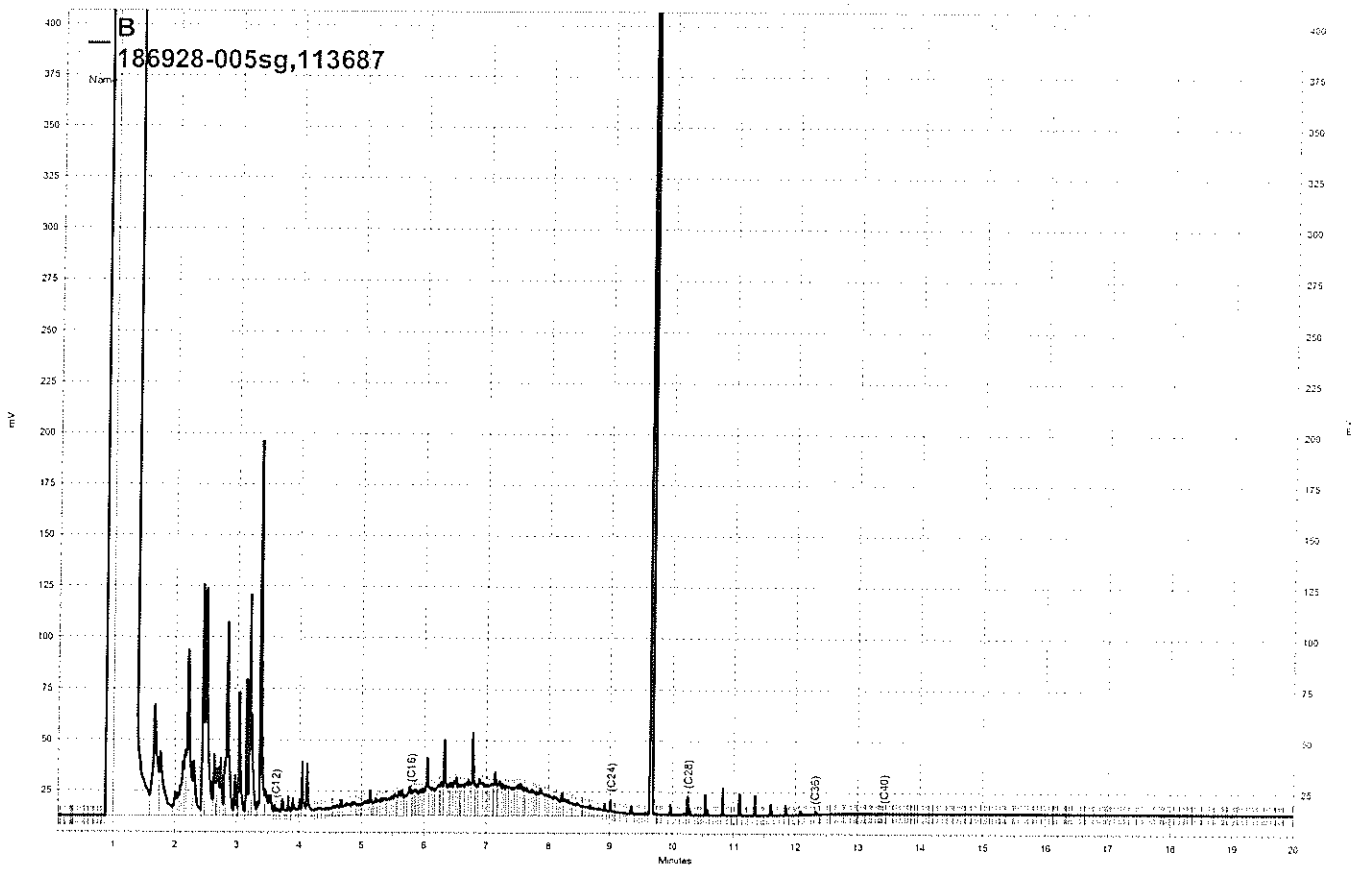

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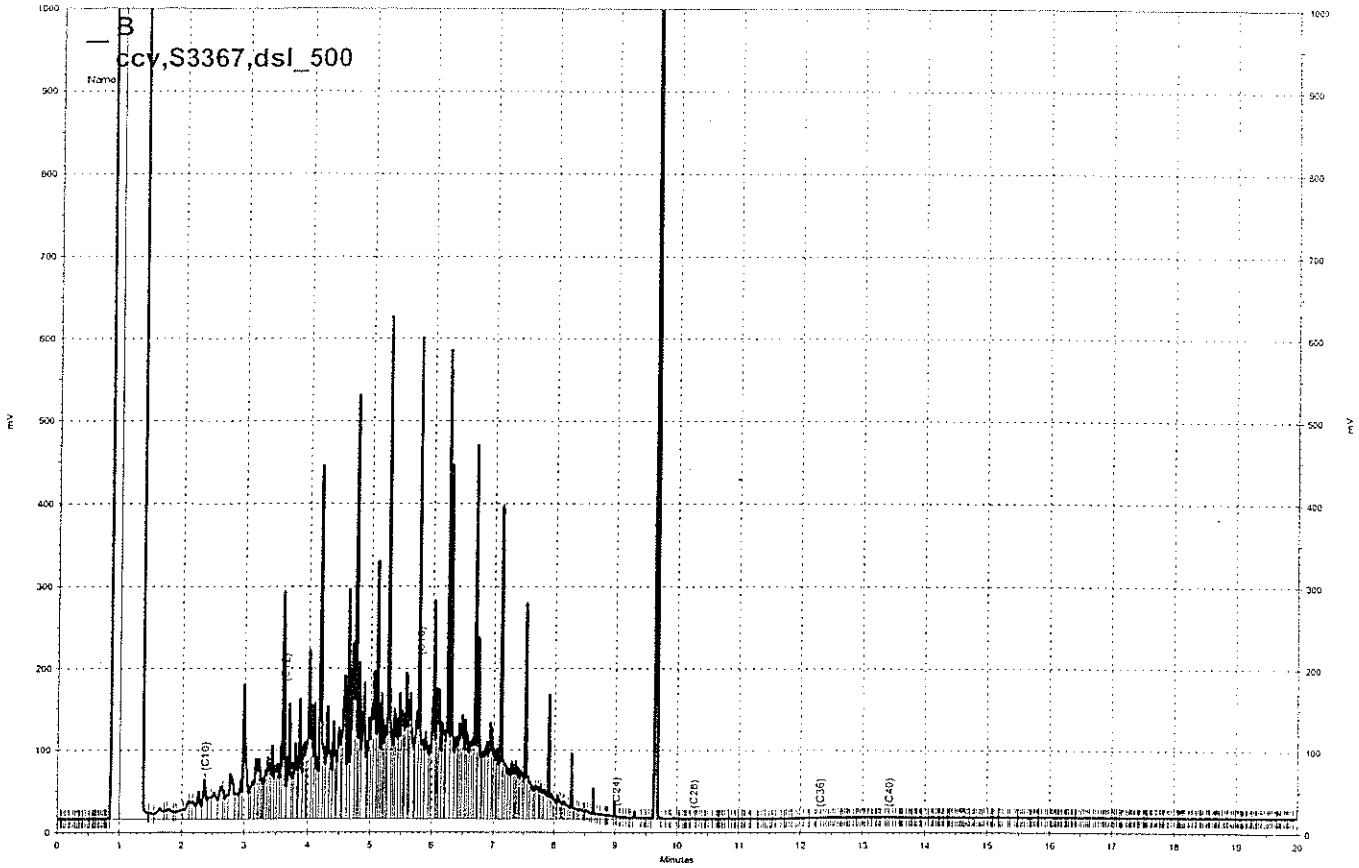

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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	186928	Location:	444 Hegenberger Loop
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	6748-017.00	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	113687
Units:	ug/L	Prepared:	05/22/06
Diln Fac:	1.000	Analyzed:	05/23/06

Type: BS
Lab ID: QC341046
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,524	101	61-133

Surrogate	%REC	Limits
Hexacosane	105	65-130

Type: BSD
Lab ID: QC341047
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,610	104	61-133	3	31

Surrogate	%REC	Limits
Hexacosane	108	65-130

RPD= Relative Percent Difference

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

CHAIN OF CUSTODY

C & T LOGIN #: 186928

Project No.: 6748-017.00
Project Name: 444 HEGENBERGER
Project P.O.:
Turnaround Time: STANDARD 5 DAYS

Sampler: A.W.
Report To: MARCUS WARE
Company: ACC
Telephone: 510.638.8400 x102
Fax: 510.638.8404

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: TPHg, BTEX, MTBE by 8260B	Analysis: TPH as DIESEL, SILICAGEL
-1	MW-2	5/16 2:10		X		4	X			X	X	X
-2	MW-3	2:15										
-3	MW-4	2:00										
-4	MW-5	2:30										
-5	MW-6	2:35										

Notes:
T0600102125

SAMPLE RECEIPT
☒ Intact ☒ Cold
☐ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:

	DATE / TIME
	5/16/06
	DATE / TIME
	DATE / TIME

RECEIVED BY:

	DATE / TIME
	5/19/06 1330
	DATE / TIME
	DATE / TIME

SIGNATURE