

Prepared For:

**Prentiss Properties LTD, Inc.
2485 Natomas Park Drive, Suite 350
Sacramento, CA 95833**

**QUARTERLY GROUNDWATER
MONITORING REPORT
FIRST QUARTER 1999
FOR
1750 WEBSTER STREET
OAKLAND, CALIFORNIA**

Submitted By:

**ATC Associates Inc.
6666 Owens Drive
Pleasanton, CA 94588**

Project No. 61877.0004

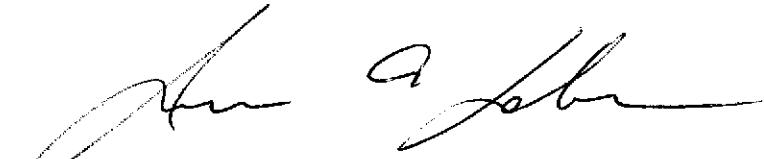
April 1, 1999

**Prepared By:
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Assistant Project Geologist**

**Approved By:
James A. Lehrman, RG, CHG
Senior Project Manager**

CERTIFICATION

This Quarterly Groundwater Monitoring Report was prepared under the direction of a California Registered Geologist.



James A. Lehrman, RG, CHG
Senior Project Manager



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**QUARTERLY GROUNDWATER MONITORING
FIRST QUARTER 1999
PRENTISS PROPERTIES LTD., INC.
1750 WEBSTER STREET
OAKLAND, CALIFORNIA**

1. INTRODUCTION

ATC Associates Inc. is pleased to present this report for groundwater monitoring conducted in the first quarter of 1999, at 1750 Webster Street in the City of Oakland, Alameda County, California (**Figure 1**). The site plan (**Figure 2**) shows the location of adjacent streets, monitoring wells, and other site-specific features.

A work plan for the installation of three groundwater monitoring wells and quarterly groundwater monitoring at 1750 Webster Street was submitted to the Alameda County Health Care Services Agency (ACHCSA) on April 13, 1998. The ACHCSA verbally approved the work plan on April 14, 1998 and by letter on May 28, 1998. On April 25 and 26, 1998, the three groundwater monitoring wells were installed.

The monitoring wells have been sampled quarterly to monitor the groundwater underlying the site. The program objectives are listed below:

- Measure depth of groundwater.
- Sample and analyze groundwater samples for specified petroleum hydrocarbon and halogenated volatile organic constituents.
- Construct a groundwater elevation contour map within the study area.
- Construct a total petroleum hydrocarbons as gasoline (TPH-G), and benzene concentration in groundwater map.
- Compare current and past data.

The existence and degree of petroleum hydrocarbons in the groundwater underlying a site is evaluated by (1) the presence of free-floating product and (2) laboratory analyses of groundwater samples. Samples are analyzed for TPH-G, and benzene, toluene, ethylbenzene, and total xylenes (BTEX). In accordance with the request made by the ACHCSA on May 28, 1998, groundwater samples are also analyzed for halogenated volatile organic compounds (HVOCs). Also, in compliance with the request of the California Regional Water Quality Control Board (State of California, May 2, 1995), we are including reporting of methyl tert-butyl ether (MTBE) (a non-metallic antiknock and oxygenating compound used in gasoline).

2. GROUNDWATER SAMPLING

Groundwater samples were collected on February 26, 1999 from Monitoring Wells A-1, A-2, and A-3, in accordance with ATC Associates' Groundwater Sampling Protocol (**Appendix A**). Groundwater purged from the wells and equipment decontamination water was placed into labeled 55-gallon California Department of Transportation (D.O.T) approved 17H drums for storage on site. The contents of these drums will be transported off site by a licensed hazardous waste hauler for disposal or recycling. The volume of groundwater removed from each well and other measured sampling parameters are noted on the water sampling logs included in **Appendix B**.

3. LABORATORY ANALYSIS

The groundwater and soil samples were transported in a cooler chilled with ice and under chain-of-custody to Curtis & Tompkins, Ltd. (C&T), a State-certified analytical laboratory, located in Berkeley, California. After receipt at the laboratory, the samples were inspected for sample integrity and temperature. The groundwater and soil samples were analyzed for the presence of TPH-G following modified EPA Method 8015, and BTEX and MTBE by EPA Method 8020. In addition, the groundwater samples were analyzed for HVOCs by EPA Method 8260. The laboratory analytical report and chain of custody records are attached in **Appendix C**.

4. SUMMARY OF RESULTS

4.1 Groundwater Flow Direction and Gradient

Figure 3 shows the groundwater elevation contours based on the water-level data in **Table 1** for the first quarter of 1999. In the first quarter of 1999, groundwater elevations averaged 10.95 feet mean sea level (MSL), ranging from 10.38 feet MSL in A-1 to 11.39 feet in A-3. The apparent groundwater flow direction was northeast with a gradient of approximately 0.0076.

4.2 Laboratory Analysis of Groundwater Samples

A summary of the analytical results from the first quarter 1999 monitoring events are presented in **Table 1**. Based on the results of laboratory analyses for samples collected on February 26, 1999, TPH-G and BTEX were detected in the groundwater samples collected from Monitoring Wells A-1, A-2, and A-3. MTBE was not detected in any of the wells. 1,1-dichloroethane (1,1-DCA) was detected in monitoring Well A-1. Cis-1,2-dichloroethene (Cis-1,2-DCE), trichloroethene (TCE), tetrachloroethene (PCE), and 1,2-dichloropropane (1,2-DCP) were detected in Monitoring Wells A-1, A-2, and A-3. 1,2-dicchloroethane (1,2-DCA) was detected in Monitoring Wells A-1 and A-3.

Detectable concentrations of TPH-G and BTEX have increased slightly in Wells A-1 and A-3 from the fourth quarter 1998 to the first quarter 1999. TPH-G and BTEX generally decreased in Well A-2 from the fourth quarter 1998 to the first quarter 1999. Concentrations of HVOCs have generally remained unchanged in the wells. However, lower method detection limits were used by the laboratory in the first quarter of 1999, and low concentrations of 1,1-DCA, 1,2-DCP, and 1,2-DCA were detected.

Figure 4 shows the distribution of TPH-G and BTEX concentrations detected in the groundwater for samples collected on February 26, 1999.

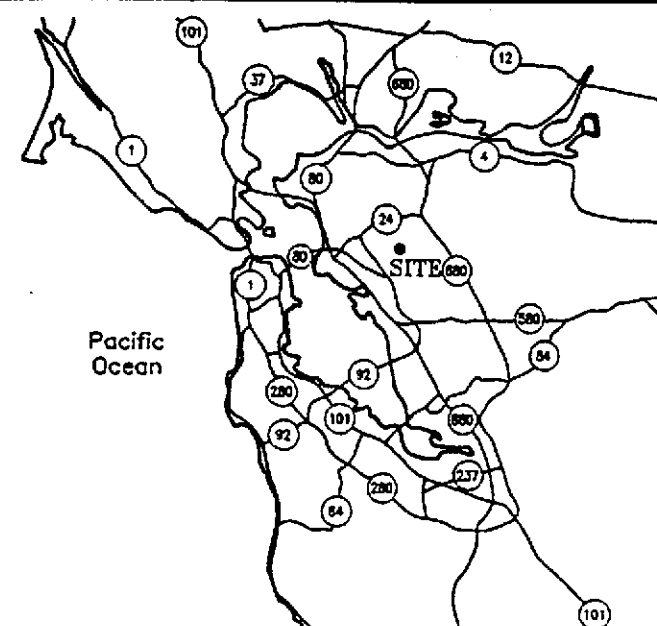
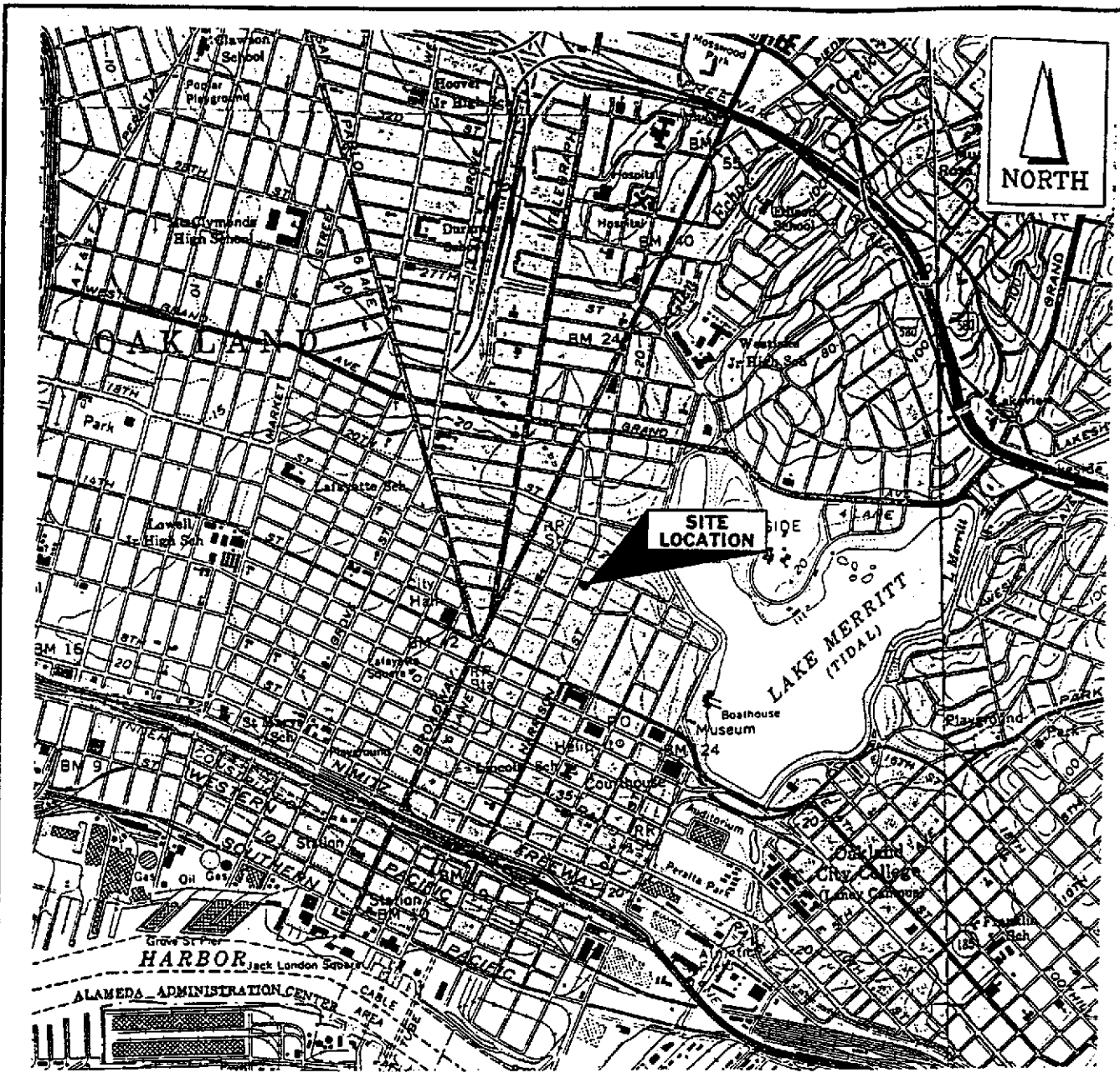
5.0 DISCUSSION AND CONCLUSIONS

Concentrations of TPH-G, BTEX, and HVOCs were detected in the groundwater samples from all three monitoring wells. MTBE was not detected in any of the wells. Detectable concentrations of TPH-G and BTEX have generally increased in Wells A-1 and A-3. TPH-G and BTEX concentrations decreased in Well A-2. Lower method detection limits were used by the laboratory for HVOC analyses this reporting period, and low levels of 1,1-DCA and 1,2-DCP were detected for the first time in wells A-1 and A-3. Cis-1,2-DCE remained generally unchanged in Monitoring Wells A-1 and A-2, and was detected in Well A-3. 1,2-DCA was detected at 5.7 ug/l last quarter in Well A-2, but was non-detect at 0.5 ug/l this quarter. 1,2-DCA decreased slightly in Well A-1, and was detected in Well A-3 in the first quarter 1999. Concentrations of TCE remained generally unchanged in Wells A-1 and A-2, and increased slightly in Well A-3. Concentrations of PCE were detected at low levels in all three wells.

The first quarter 1999 groundwater monitoring event completes a full year of quarterly groundwater monitoring at the site. Based on the consistent northeasterly directed groundwater gradient at the site, and the fact that none of the contaminants have been detected in the vadose zone soils in any of the 18 soil borings completed, the concentrations detected in the site groundwater monitoring wells appear to be from an upgradient off-site source(s).

6.0 RECOMMENDATIONS

Based on the non-detectable concentrations of TPH-G, BTEX, and MTBE in vadose zone soils beneath the site, and the apparent upgradient off-site source(s) of the TPH-G, BTEX, MTBE, and HVOCs in groundwater, ATC recommends that site closure be issued to Prentiss Properties Limited, Inc. for the 1750 Webster Street property.



Notes:

- 1) All locations and dimensions are approximate.
- 2) Base map from USGS Oakland West (1959) Quadrangle, 7.5 Series Topographic, photorevised in 1968.

APPROXIMATE SCALE: 1" = 2000'

ATC ASSOCIATES INC.
 Environmental, Geotechnical and Materials Professionals

SITE LOCATION MAP
 1750 WEBSTER STREET
 OAKLAND, CALIFORNIA

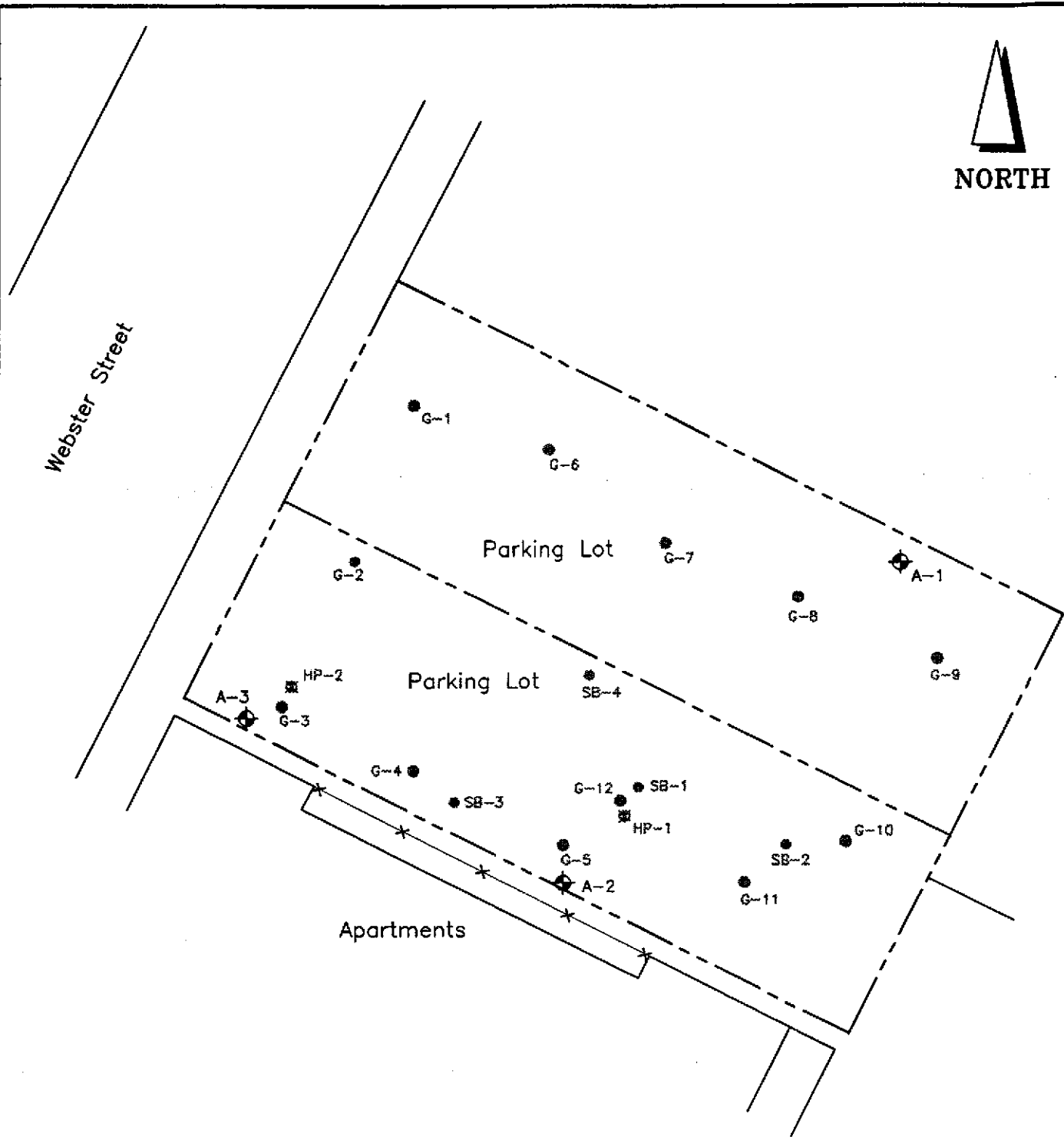
PROJECT NO. 61877.0004

FIGURE 1






NORTH

Webster Street



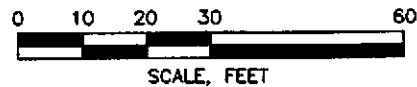
EXPLANATION

-  A-3 GROUNDWATER MONITORING WELL
-  HP-2 PREVIOUS HYDROPUNCH LOCATION AND DESIGNATION
-  G-11 PREVIOUS SOIL BORING LOCATION AND DESIGNATION

NOTES

1) All locations and dimensions are approximate.

SOURCE: SITE SURVEY BY RON ARCHER
CIVIL ENGINEER, INC., APRIL 28, 1998

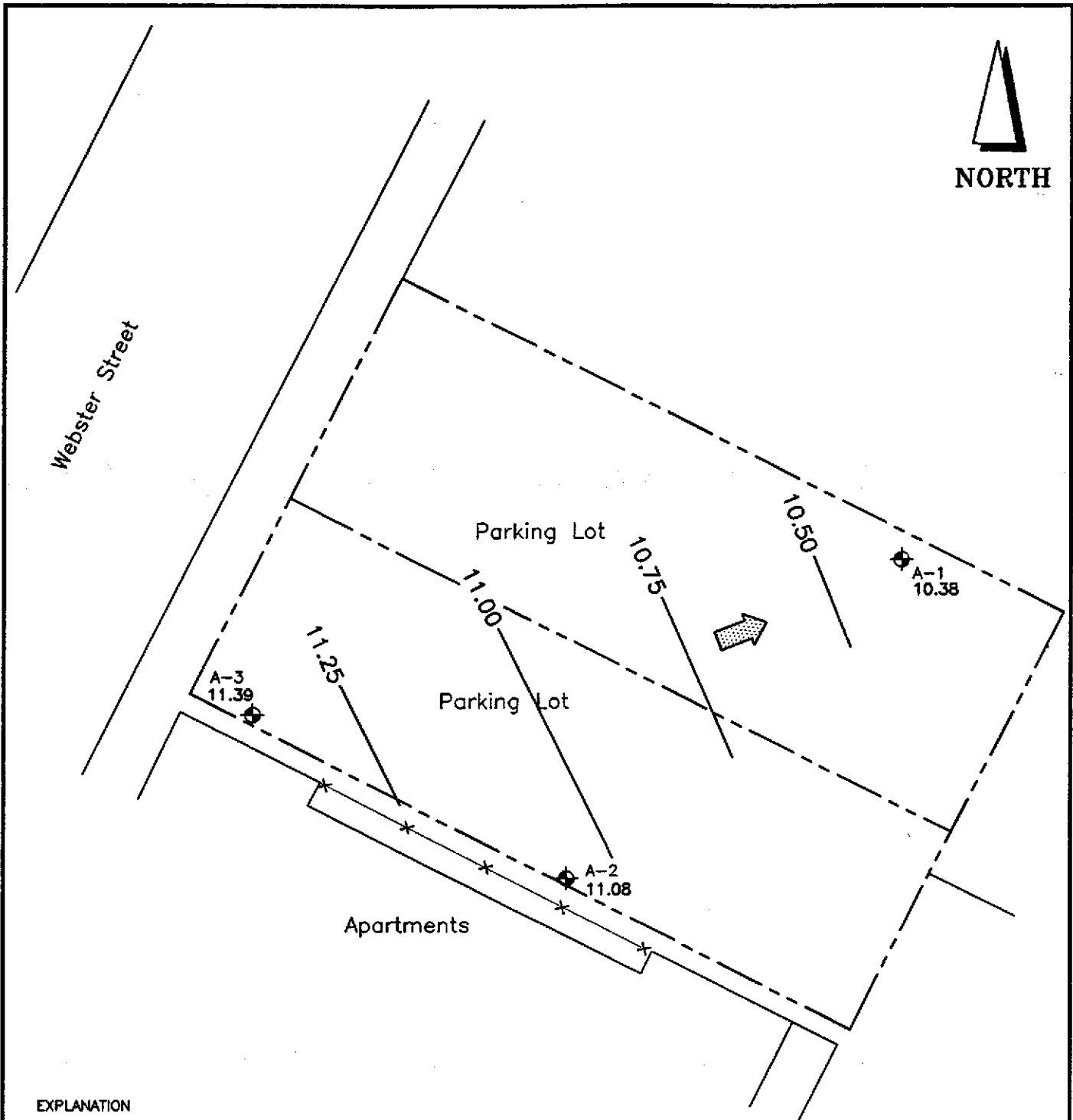


VATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

SITE PLAN
1750 WEBSTER STREET
OAKLAND, CALIFORNIA

PROJECT NO. 61877.0004

FIGURE 2



EXPLANATION

 MW-3 GROUNDWATER MONITORING WELL

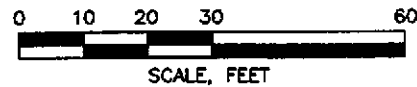
11.08 GROUNDWATER ELEVATION IN FEET
(DATUM: MEAN SEA LEVEL)

11.00 GROUNDWATER ELEVATION CONTOUR
IN FEET (DATUM: MEAN SEA LEVEL)

 APPROXIMATE GROUNDWATER
FLOW DIRECTION

NOTES

1) All locations and dimensions are approximate.



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GROUNDWATER ELEVATION
CONTOUR MAP (2-26-99)

PRENTISS
1750 WEBSTER STREET
OAKLAND, CALIFORNIA

PROJECT NO. 61877.0004

FIGURE 3

SOURCE: SITE SURVEY BY RON ARCHER
CIVIL ENGINEER, INC., APRIL 28, 1998



NORTH

Webster Street

Parking Lot

A-1

TPH-G	88,000
BENZENE	14,000
TOLUENE	9,900
ETHYLBENZENE	2,000
XYLENES	9,300

Parking Lot

TPH-G	30,000
BENZENE	160
TOLUENE	520
ETHYLBENZENE	1,400
XYLENES	2,830

A-3

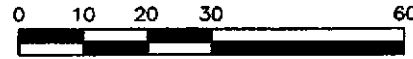
TPH-G	88,000
BENZENE	9,500
TOLUENE	22,000
ETHYLBENZENE	1,600
XYLENES	8,100

A-2

Apartments

EXPLANATION

 MW-3 GROUNDWATER MONITORING WELL



SCALE, FEET

ALL CONCENTRATIONS IN MICROGRAMS PER LITER (ug/l)

NOTES

1) All locations and dimensions are approximate.

SOURCE: SITE SURVEY BY RON ARCHER
CIVIL ENGINEER, INC., APRIL 28, 1998

VATC ASSOCIATES INC.
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TPH-G/BTEX CONCENTRATIONS
IN GROUNDWATER (2-26-99)

PRENTISS
1750 WEBSTER STREET
OAKLAND, CALIFORNIA

PROJECT NO. 61877.0004

FIGURE 4

TABLE 1

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
 PRENTISS PROPERTIES LTD. INC.
 1750 WEBSTER STREET
 OAKLAND, CA 94612

Sample ID	Sample Date	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	Detected HVOCs (EPA 8260)						Well Elevation (ft., MSL)	Depth to Water (ft)	Ground Water Elevation (ft., MSL)
								1,1-DCA (ug/l)	Cis-1,2-DCE (ug/l)	1,2-DCA (ug/l)	TCE (ug/l)	PCE (ug/l)	1,2-DCP (ug/l)			
Primary	MCLs	—	1	150	700	1750	—	5	6	0.5	5	5	5			
A-1	4/28/98	56,000	12,000	8,500	1,500	7,300	<200	ND 1.0	21	13	5.5	4.8	ND 1.0	30.20	19.45	10.75
	8/4/98	59,000	12,000	9,200	1,700	8,400	<200	ND 5.0	19	ND 5.0	8.4	ND 5.0	ND 5.0		19.80	10.40
	11/18/98	61,000	12,000	8,400	1,800	8,300	<160	ND 5.0	21	13	ND 5.0	ND 5.0	ND 5.0		20.39	9.81
	2/26/99	68,000	14,000	9,900	2,000	9,300	<200	1.9	16	10	4.0	3.5	3.8		19.82	10.38
A-2	4/28/98	84,000	8,600	20,000	1,600	8,000	<250	ND 1.0	18	ND 1.0	3.1	2.7	ND 1.0	31.31	19.65	11.66
	8/4/98	73,000	7,700	18,000	1,400	7,400	<400	ND 17	22	ND 17	52	ND 17	ND 17		19.97	11.34
	11/18/98	110,000	10,000	25,000	2,000	10,300	<400	ND 5.0	10	5.7	ND 5.0	ND 5.0	ND 5.0		20.57	10.74
	2/26/99	89,000	9,500	22,000	1,600	8,100	<400	ND 0.5	8.7	ND 0.5	5.0	4.8	4.5		20.23	11.08
A-3	4/28/98	23,000	89	460	1,400	2,870	<40	ND 1.0	ND 1.0	ND 1.0	10	2.5	ND 1.0	30.71	18.81	11.90
	8/4/98	23,000	65	270	1,300	2,650	<20	ND 5.0	ND 5.0	ND 5.0	9.6	ND 5.0	ND 5.0		19.05	11.66
	11/18/98	24,000	73	370	1,200	2,210	<20	ND 2.5	ND 2.5	ND 2.5	6.7	ND 2.5	ND 2.5		19.66	11.05
	2/26/99	30,000	160	520	1,400	2,630	<20	ND 0.5	0.9	0.7	11	3.1	0.8		19.32	11.39

Notes:

TPH-G denotes total petroleum hydrocarbons as gasoline
 MTBE denotes methyl-tert-butyl ether
 1,2-DCA denotes 1,2-dichloroethane
 Cis-1,2-DCE denotes Cis-1,2-dichloroethene
 TCE denotes Trichloroethene
 PCE denotes Tetrachloroethene
 1,2-DCP denotes 1,2-dichloropropane
 ND denotes not detected at stated detection limit
 Primary MCLs (Maximum Contaminant Levels) from California Dept. of Health Services; if none exist, US EPA levels are listed

ft., MSL denotes feet, mean sea level
 ft denotes feet
 HVOCs denotes Halogenated Volatile Organic Compounds
 ug/l denotes micrograms per liter

APPENDIX A

GROUNDWATER SAMPLING PROTOCOL

FIELD PROTOCOL

The static water level and floating product level, if present, in each well that contained water was measured with an ORS Interphase Probe Model No. 1068018 or Solonist Water Level Indicator; these instruments are accurate to the nearest 0.01 foot. These groundwater depths were subtracted from wellhead elevations, including corrections for product thickness, when necessary, for gradient evaluation by multiplying product thickness (PT) by a correction factor 0.8 and subtracting from the DTW (Adjusted DTW = DTW - [PT x 0.8]).

Water samples collected for subjective evaluation were collected by gently lowering approximately half the length of a new disposable or Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples were checked for measurable floating hydrocarbon product. All Teflon® bailers are triple washed with Alconox® and triple rinsed with distilled water prior to use.

Before water samples were collected from the groundwater Monitoring Wells, the wells were purged until stabilization of the temperature, pH, and conductivity were obtained. Approximately three well casing volumes were purged before those characteristics stabilized. The quantity of water purged from each well was calculated as follows:

1 well casing volume = $\pi r^2 h (7.48)$ where:

r = radius of the well casing in feet.

h = column of water in the well in feet
(depth to bottom - depth to water).

7.48 = conversion constant from cubic feet to gallons

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well was allowed to recharge to at least 80% of the initial water level. Water samples were collected with a new disposable or Teflon® bailer, and carefully poured into 40-milliliter (ml) glass vials, which were filled so as to produce a positive meniscus. Each vial was preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace which would allow volatilization to occur. The samples were promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

APPENDIX B

FIELD SAMPLING LOGS

FIELD REPORT/DATA SHEET

Date: 2/26/99

Project Number: 61877.0004

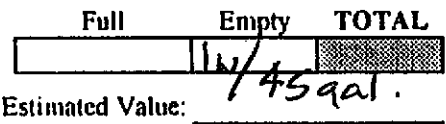
Field Technician: J. SALA

Day: M Tu W Th F

DTW Order	Well ID	Diam.	Lock	Exp. Cap.	Total Depth	DTW Initial	DTW Final	Time Sampled	Comments
	A-3	2	Good	Good		19.32			
	A-1	↓	↓	↓		19.82			
	A-2	↓	↓	↓		20.23			

NOTES:

Number of Drums Onsite



ARE ALL DRUMS LABELLED WITH THE LABELS FACING OUT

ATC ASSOCIATES INC. WATER SAMPLING LOG

WELL DESIGNATION A-1

SITE: Prentiss

SAMPLE DESIGNATION A-1

DATE 2/26/99

PROJECT# 61977,0004

AMBIENT CONDITIONS Cloudy

SAMPLER J. SALA

WATER LEVEL INFORMATION

MEASURING POINT TOC

W.L. BEFORE PURGE 19.82 TIME —

W.L. AFTER PURGE — TIME —

W.L. FOR 80% RECOVERY —

W.L. TIME OF SAMPLE — DATE — TIME —

MONITORING WELL PURGE INFORMATION

MONITORING WELL PURGE METHOD

WELL DEPTH 29.97

DIAMETER 2

#CASING VOLUMES 3

SCREENED INTERVAL —

PUMP SETTING 24

PURGE VOLUME CALCULATION 29.97 - 19.82 = 10.15 x .49 = 4.97

TIME PURGE BEGINS 1207

ACTUAL AMOUNT PURGED 6.5

TIME	VOLUME	pH	COND.	TEMP	COLOR	TURBIDITY	D.O.	O.R.P.
1208	0	6.77	947	63.3	clear	None Very Slight	—	—
1212	2	6.73	953	64.5	↓	↓	—	—
1216	4	6.72	840	64.9	↓	↓	—	—
1220	6.5	6.73	850	65.1		Slightly cloudy	—	—

WATER SAMPLING INFORMATION

MONITORING WELL SAMPLE METHOD

SAMPLING TIME 1232

DATE 2/26/99

BOTTLE TYPE NO. VOLUME ANALYSIS LAB PRESERVATION FILTRATION

Vials 3 40ml TPHG/BFCX/MCBE COT Hel —

↓ 3 ↓ 8010 ↓ ↓ —

SAMPLING EQUIPMENT INFORMATION

PURGE EQUIPMENT

SUBMERSIBLE PUMP BAILER (TEFLON)
 BAILER (PVC) HONDA PUMP DEDICATED

OTHER: —

PREVIOUSLY USED IN WELL —

SITE —

DECON METHOD ALCONOX LIQUINOX

SAMPLING EQUIPMENT

SUBMERSIBLE PUMP BAILER (TEFLON) BAILER (DISPOSABLE)
 BAILER (PVC) DIPPER PRESSURIZED DISPOSABLE BAILER

OTHER: —

PREVIOUSLY USED IN WELL —

SITE —

DECON METHOD ALCONOX LIQUINOX

QA/QC INFORMATION

TEMP. BLANK YES NO

TRAVEL BLANK YES NO ID — QA/QC SPIKE YES NO ID —

DUPLICATE YES NO ID — FIELD BLANK YES NO ID —

WELL INTEGRITY: good

LOCK#: good

NOTES Strong odor

SIGNATURE: Jerry D. Sala

ATC ASSOCIATES INC. WATER SAMPLING LOG

WELL DESIGNATION A-2 SITE: Prentiss
 SAMPLE DESIGNATION A-2 DATE: 2/26/99
 PROJECT# 61877.0004
 SAMPLER J. SALA

AMBIENT CONDITIONS Cloudy

WATER LEVEL INFORMATION

MEASURING POINT Tax
 W.L. BEFORE PURGE 20.23 TIME --- W.L. AFTER PURGE --- TIME ---
 W.L. FOR 80% RECOVERY --- W.L. TIME OF SAMPLE --- DATE --- TIME ---

MONITORING WELL PURGE INFORMATION MONITORING WELL PURGE METHOD

WELL DEPTH 28.40 DIAMETER 2 #CASING VOLUMES 3
 SCREENED INTERVAL --- PUMP SETTING 25
 PURGE VOLUME CALCULATION 28.40 - 20.23 = 8.17 x .49 = 4.0
 TIME PURGE BEGINS 1300 ACTUAL AMOUNT PURGED 5.25

TIME	VOLUME	pH	COND.	TEMP	COLOR	TURBIDITY	D.O.	O.R.P.
1301	0	6.66	691	62.1	clear	Very Slight	-	-
1305	2	6.60	681	62.6	↓	↓	-	-
1308	3	6.60	683	63.0	↓	↓	-	-
1311	4	6.61	678	63.1	↓	↓	-	-
1314	5.25	6.63	682	63.0	↓	↓/cloudy	-	-

WATER SAMPLING INFORMATION MONITORING WELL SAMPLE METHOD

SAMPLING TIME 1326 DATE 2/26/99
 BOTTLE TYPE NO. VOLUME ANALYSIS LAB PRESERVATION FILTRATION
VOAS 3 40ML TPAG/BTEX/MTBE CRT HCL
↓ 3 ↓ 8010 ↓ ↓

SAMPLING EQUIPMENT INFORMATION

PURGE EQUIPMENT SAMPLING EQUIPMENT
 SUBMERSIBLE PUMP --- BAILER(TEFLON) --- SUBMERSIBLE PUMP --- BAILER(TEFLON) BAILER(DISPOSABLE)
 BAILER(PVC) --- HONDA PUMP --- DEDICATED --- BAILER(PVC) --- DIPPER --- PRESSURIZED DISPOSABLE BAILER
 OTHER: --- OTHER: ---
 PREVIOUSLY USED IN WELL --- PREVIOUSLY USED IN WELL ---
 SITE --- SITE ---
 DECON METHOD ALCONOX LIQUINOX --- DECON METHOD ALCONOX --- LIQUINOX ---

QA/QC INFORMATION

TEMP. BLANK --- YES NO ---
 TRAVEL BLANK --- YES NO --- ID --- QA/QC SPIKE --- YES NO --- ID ---
 DUPLICATE --- YES NO --- ID --- FIELD BLANK --- YES NO --- ID ---

WELL INTEGRITY: good LOCK#: 900

NOTES odor all the way through purge

SIGNATURE: Jeffrey D. Sala

ATC ASSOCIATES INC. WATER SAMPLING LOG

WELL DESIGNATION A-3

SITE: PREWISS

SAMPLE DESIGNATION A-3

DATE 2/26/99

PROJECT# 61877.0004

SAMPLER J. SALA

AMBIENT CONDITIONS cloudy

WATER LEVEL INFORMATION

MEASURING POINT TOC
 W.L. BEFORE PURGE 19.32 TIME — W.L. AFTER PURGE — TIME —
 W.L. FOR 80% RECOVERY — W.L. TIME OF SAMPLE — DATE — TIME —

MONITORING WELL PURGE INFORMATION MONITORING WELL PURGE METHOD

WELL DEPTH 29.92 DIAMETER 2 #CASING VOLUMES 3

SCREENED INTERVAL — PUMP SETTING —

PURGE VOLUME CALCULATION 29.92 - 19.32 = 10.6 x .49 = 5.19

TIME PURGE BEGINS 1120 ACTUAL AMOUNT PURGED 6.25

TIME	VOLUME	pH	COND.	TEMP	COLOR	TURBIDITY	D.O.	O.R.P.
1121	0	6.75	695	61.0	Clear/cloudy	Very Slight	—	—
1124	2	6.77	688	62.7	↓	↓	—	—
1128	4	6.77	684	63.0	↓	↓	—	—
1132	6.25	6.77	680	63.2	↓	↓	—	—

WATER SAMPLING INFORMATION MONITORING WELL SAMPLE METHOD

SAMPLING TIME 1144 DATE 2/26/99

BOTTLE TYPE	NO.	VOLUME	ANALYSIS	LAB	PRESERVATION	FILTRATION
VOAS	3	40mL	TPHG/BTEX/MTBE	C&T	Heu	—
↓	3	↓	8010	↓	↓	—

SAMPLING EQUIPMENT INFORMATION

PURGE EQUIPMENT
 SUBMERSIBLE PUMP BAILER (TEFLON)
 BAILER (PVC) HONDA PUMP DEDICATED

SAMPLING EQUIPMENT
 SUBMERSIBLE PUMP BAILER (TEFLON) BAILER (DISPOSABLE)
 BAILER (PVC) DIPPER PRESSURIZED DISPOSABLE BAILER

OTHER: _____

OTHER: _____

PREVIOUSLY USED IN WELL _____

PREVIOUSLY USED IN WELL _____

SITE _____

SITE _____

DECON METHOD ALCONOX LIQUINOX

DECON METHOD ALCONOX LIQUINOX

QA/QC INFORMATION

TEMP. BLANK YES NO
 TRAVEL BLANK YES NO ID _____ QA/QC SPIKE YES NO ID _____
 DUPLICATE YES NO ID _____ FIELD BLANK YES NO ID _____

WELL INTEGRITY: good LOCK#: good

NOTES ODOR at start of purge, No Sheen

SIGNATURE: Jeffrey D. Sala

APPENDIX C

**GROUNDWATER ANALYTICAL LABORATORY REPORT
AND CHAIN OF CUSTODY RECORDS**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900, Fax (510) 486-0532

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

Prepared for:

ATC Associates, Inc.
6666 Owens Dr.
Pleasanton, CA 94588

Date: 09-MAR-99
Lab Job Number: 138187
Project ID: 61877.0004
Location: Prentiss Oakland

Reviewed by:

Reviewed by:

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TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8015M
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
138187-001	A-3	46518	02/26/99	03/02/99	03/02/99	
138187-002	A-1	46518	02/26/99	03/02/99	03/02/99	
138187-003	A-2	46518	02/26/99	03/02/99	03/02/99	

Matrix: Water

Analyte	Units	138187-001	138187-002	138187-003
Diln Fac:		10	100	100
Gasoline C7-C12	ug/L	30000	68000	89000
Surrogate				
Trifluorotoluene	%REC	102	87	92
Bromofluorobenzene	%REC	103	96	93



BTXE

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8021B
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
138187-001	A-3	46518	02/26/99	03/02/99	03/02/99	
138187-002	A-1	46518	02/26/99	03/02/99	03/02/99	
138187-003	A-2	46519	02/26/99	03/05/99	03/05/99	

Matrix: Water

Analyte	Units	138187-001	138187-002	138187-003
Diln Fac:		10	100	200
MTBE	ug/L	<20	<200	<400
Benzene	ug/L	160	14000	9500
Toluene	ug/L	520	9900	22000
Ethylbenzene	ug/L	1400	2000	1600
m,p-Xylenes	ug/L	2200	6700	5400
o-Xylene	ug/L	430	2600	2700
Surrogate				
Trifluorotoluene	%REC	100	109	98
Bromofluorobenzene	%REC	99	107	93

Lab #: 138187

BATCH QC REPORT



Curtis & Tompkins Ltd.

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8015M
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water
Batch#: 46518
Units: ug/L
Diln Fac: 1

Prep Date: 03/02/99
Analysis Date: 03/02/99

MB Lab ID: QC91827

Analyte	Result		
Gasoline C7-C12	<50		
Surrogate	%Rec	Recovery Limits	
Trifluorotoluene	92	53-150	
Bromofluorobenzene	110	53-149	

Lab #: 138187

BATCH QC REPORT



BTXE

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8021B
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water
Batch#: 46518
Units: ug/L
Diln Fac: 1

Prep Date: 03/02/99
Analysis Date: 03/02/99

MB Lab ID: QC91827

Analyte	Result		
MTBE	<2.0		
Benzene	<0.5		
Toluene	<0.5		
Ethylbenzene	<0.5		
m,p-Xylenes	<0.5		
o-Xylene	<0.5		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	101		51-143
Bromofluorobenzene	95		37-146

Lab #: 138187

BATCH QC REPORT



Curtis & Jenkins Ltd.

BTXE

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8021B
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water
Batch#: 46519
Units: ug/L
Diln Fac: 1

Prep Date: 03/04/99
Analysis Date: 03/04/99

MB Lab ID: QC91832

Analyte	Result		
MTBE	<2.0		
Benzene	<0.5		
Toluene	<0.5		
Ethylbenzene	<0.5		
m,p-Xylenes	<0.5		
o-Xylene.	<0.5		
Surrogate	%Rec		Recovery Limits
Trifluorotoluene	100		51-143
Bromofluorobenzene	96		37-146

Lab #: 138187

BATCH QC REPORT



Curtis & Spink Ltd.

TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8015M
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water
Batch#: 46518
Units: ug/L
Diln Fac: 1

Prep Date: 03/01/99
Analysis Date: 03/01/99

LCS Lab ID: QC91824

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline C7-C12	2124	2000	106	77-117
Surrogate	%Rec	Limits		
Trifluorotoluene	88	53-150		
Bromofluorobenzene	105	53-149		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Lab #: 138187

BATCH QC REPORT



Curtis Laboratories Ltd.

BTXE

Client: ATC Associates, Inc.
 Project#: 61877.0004
 Location: Prentiss Oakland

Analysis Method: EPA 8021B
 Prep Method: EPA 5030

BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water
 Batch#: 46518
 Units: ug/L
 Diln Fac: 1

Prep Date: 03/03/99
 Analysis Date: 03/03/99

BS Lab ID: QC91825

Analyte	Spike Added	BS	%Rec #	Limits
MTBE	20	21.2	106	65-135
Benzene	20	22.17	111	65-111
Toluene	20	21.4	107	76-117
Ethylbenzene	20	20.56	103	71-121
m,p-Xylenes	40	43.85	110	80-123
o-Xylene	20	21.88	109	75-127
Surrogate	%Rec	Limits		
Trifluorotoluene	109	51-143		
Bromofluorobenzene	103	37-146		

BSD Lab ID: QC91826

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
MTBE	20	20.83	104	65-135	2	20
Benzene	20	21.59	108	65-111	3	10
Toluene	20	20.63	103	76-117	4	10
Ethylbenzene	20	20.33	102	71-121	1	11
m,p-Xylenes	40	43.47	109	80-123	1	10
o-Xylene	20	21.29	106	75-127	3	11
Surrogate	%Rec	Limits				
Trifluorotoluene	102	51-143				
Bromofluorobenzene	101	37-146				

Column to be used to flag recovery and RPD values with an asterisk

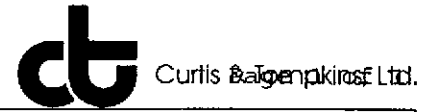
* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

Lab #: 138187

BATCH QC REPORT



TVH-Total Volatile Hydrocarbons

Client: ATC Associates, Inc.	Analysis Method: EPA 8015M
Project#: 61877.0004	Prep Method: EPA 5030
Location: Prentiss Oakland	

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ	Sample Date: 02/23/99
Lab ID: 138155-001	Received Date: 02/24/99
Matrix: Water	Prep Date: 03/02/99
Batch#: 46518	Analysis Date: 03/02/99
Units: ug/L	
Diln Fac: 1	

MS Lab ID: QC91828

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Gasoline C7-C12	2000	<50	1915	96	69-131
Surrogate	%Rec	Limits			
Trifluorotoluene	88	53-150			
Bromofluorobenzene	109	53-149			

MSD Lab ID: QC91829

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Gasoline C7-C12	2000	2031	102	69-131	6	13
Surrogate	%Rec	Limits				
Trifluorotoluene	89	53-150				
Bromofluorobenzene	107	53-149				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

Lab #: 138187

BATCH QC REPORT



Curtis & Sons, Ltd.

BTXE

Client: ATC Associates, Inc.
 Project#: 61877.0004
 Location: Prentiss Oakland

Analysis Method: EPA 8021B
 Prep Method: EPA 5030

BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water
 Batch#: 46519
 Units: ug/L
 Diln Fac: 1

Prep Date: 03/04/99
 Analysis Date: 03/04/99

BS Lab ID: QC91831

Analyte	Spike Added	BS	%Rec #	Limits
MTBE	20	20.38	102	65-135
Benzene	20	20.45	102	65-111
Toluene	20	19.56	98	76-117
Ethylbenzene	20	18.26	91	71-121
m,p-Xylenes	40	38.76	97	80-123
o-Xylene	20	19.53	98	75-127
Surrogate	%Rec	Limits		
Trifluorotoluene	105	51-143		
Bromofluorobenzene	100	37-146		

BSD Lab ID: QC92162

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
MTBE	20	20.33	102	65-135	0	20
Benzene	20	20.95	105	65-111	2	10
Toluene	20	20.33	102	76-117	4	10
Ethylbenzene	20	19.15	96	71-121	5	11
m,p-Xylenes	40	40.31	101	80-123	4	10
o-Xylene	20	20.15	101	75-127	3	11
Surrogate	%Rec	Limits				
Trifluorotoluene	107	51-143				
Bromofluorobenzene	98	37-146				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

Halogenated Volatile Organics
EPA 8010 Analyte ListClient: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss OaklandAnalysis Method: EPA 8260A
Prep Method: EPA 5030Field ID: A-3
Lab ID: 138187-001
Matrix: Water
Batch#: 46545
Units: ug/L
Diln Fac: 1Sampled: 02/26/99
Received: 02/26/99
Extracted: 03/02/99
Analyzed: 03/02/99

Analyte	Result	Reporting Limit
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	0.5
Freon 113	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	0.9	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	0.7	0.5
Trichloroethene	11	0.5
1,2-Dichloropropane	0.8	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	3.1	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	100	76-127
Toluene-d8	100	90-109
Bromofluorobenzene	93	82-118

Halogenated Volatile Organics
EPA 8010 Analyte ListClient: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss OaklandAnalysis Method: EPA 8260A
Prep Method: EPA 5030Field ID: A-1
Lab ID: 138187-002
Matrix: Water
Batch#: 46545
Units: ug/L
Diln Fac: 1Sampled: 02/26/99
Received: 02/26/99
Extracted: 03/02/99
Analyzed: 03/02/99

Analyte	Result	Reporting Limit
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	0.5
Freon 113	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	1.9	0.5
cis-1,2-Dichloroethene	16	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	10	0.5
Trichloroethene	4.0	0.5
1,2-Dichloropropane	3.8	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	3.5	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	96	76-127
Toluene-d8	97	90-109
Bromofluorobenzene	92	82-118

Halogenated Volatile Organics
EPA 8010 Analyte ListClient: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss OaklandAnalysis Method: EPA 8260A
Prep Method: EPA 5030Field ID: A-2
Lab ID: 138187-003
Matrix: Water
Batch#: 46545
Units: ug/L
Diln Fac: 1Sampled: 02/26/99
Received: 02/26/99
Extracted: 03/02/99
Analyzed: 03/02/99

Analyte	Result	Reporting Limit
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	0.5
Freon 113	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	8.7	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	5.0	0.5
1,2-Dichloropropane	4.5	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	4.8	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	95	76-127
Toluene-d8	96	90-109
Bromofluorobenzene	92	82-118

Lab #: 138187

BATCH QC REPORT



Curtis & Tompkins Ltd.

Halogenated Volatile Organics
EPA 8010 Analyte List

Client: ATC Associates, Inc.
Project#: 61877.0004
Location: Prentiss Oakland

Analysis Method: EPA 8260A
Prep Method: EPA 5030

METHOD BLANK

Matrix: Water
Batch#: 46545
Units: ug/L
Diln Fac: 1

Prep Date: 03/02/99
Analysis Date: 03/02/99

MB Lab ID: QC91933

Analyte	Result	Reporting Limit
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	0.5
Freon 113	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
Surrogate	%Rec	Recovery Limits
1,2-Dichloroethane-d4	111	76-127
Toluene-d8	100	90-109
Bromofluorobenzene	102	82-118

Lab #: 138187

BATCH QC REPORT



Curtis & Tompkins Ltd.

 Halogenated Volatile Organics
 EPA 8010 Analyte List

 Client: ATC Associates, Inc.
 Project#: 61877.0004
 Location: Prentiss Oakland

 Analysis Method: EPA 8260A
 Prep Method: EPA 5030

METHOD BLANK

 Matrix: Water
 Batch#: 46545
 Units: ug/L
 Diln Fac: 1

 Prep Date: 03/02/99
 Analysis Date: 03/02/99

MB Lab ID: QC91934

Analyte	Result	Reporting Limit
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	0.5
Freon 113	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
Surrogate	%Rec	Recovery Limits
1,2-Dichloroethane-d4	112	76-127
Toluene-d8	99	90-109
Bromofluorobenzene	103	82-118

Lab #: 138187

BATCH QC REPORT



Curtis & Tompkins, Ltd.

Halogenated Volatile Organics

Client: ATC Associates, Inc.
 Project#: 61877.0004
 Location: Prentiss Oakland

Analysis Method: EPA 8260A
 Prep Method: EPA 5030

BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water
 Batch#: 46545
 Units: ug/L
 Diln Fac: 1

Prep Date: 03/02/99
 Analysis Date: 03/02/99

BS Lab ID: QC91931

Analyte	Spike Added	BS	%Rec #	Limits
1,1-Dichloroethene	50	52.28	105	64-139
Trichloroethene	50	52.8	106	72-129
Chlorobenzene	50	53.22	106	77-126
Surrogate	%Rec	Limits		
1,2-Dichloroethane-d4	109	76-127		
Toluene-d8	99	90-109		
Bromofluorobenzene	98	82-118		

BSD Lab ID: QC91932

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
1,1-Dichloroethene	50	50.62	101	64-139	3	13
Trichloroethene	50	50.35	101	72-129	5	10
Chlorobenzene	50	50.95	102	77-126	4	10
Surrogate	%Rec	Limits				
1,2-Dichloroethane-d4	110	76-127				
Toluene-d8	99	90-109				
Bromofluorobenzene	99	82-118				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

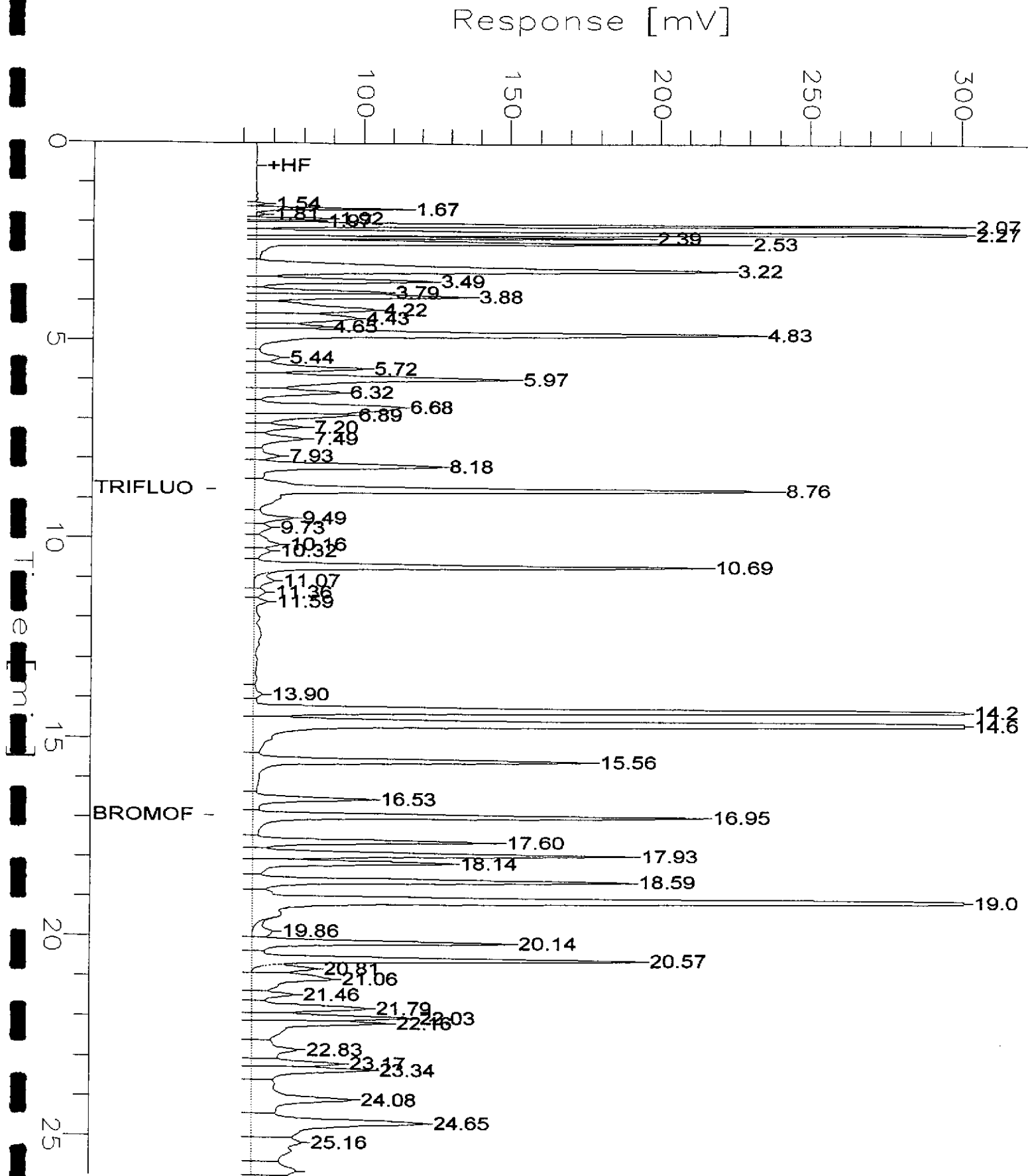
RPD: 0 out of 3 outside limits

Spike Recovery: 0 out of 6 outside limits

GC04 TVH 'J' Data File Rtx1FID

Sample Name : rd,138187-001f,46518,500 uL
 FileName : G:\GC04\DATA\060J030.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor : -1.0

Sample #: ph<2 10x
 Date : 3/4/99 02:32 PM
 Time of Injection: 3/2/99 01:06 PM
 Low Point : 51.57 mV
 Plot Scale: 250.0 mV

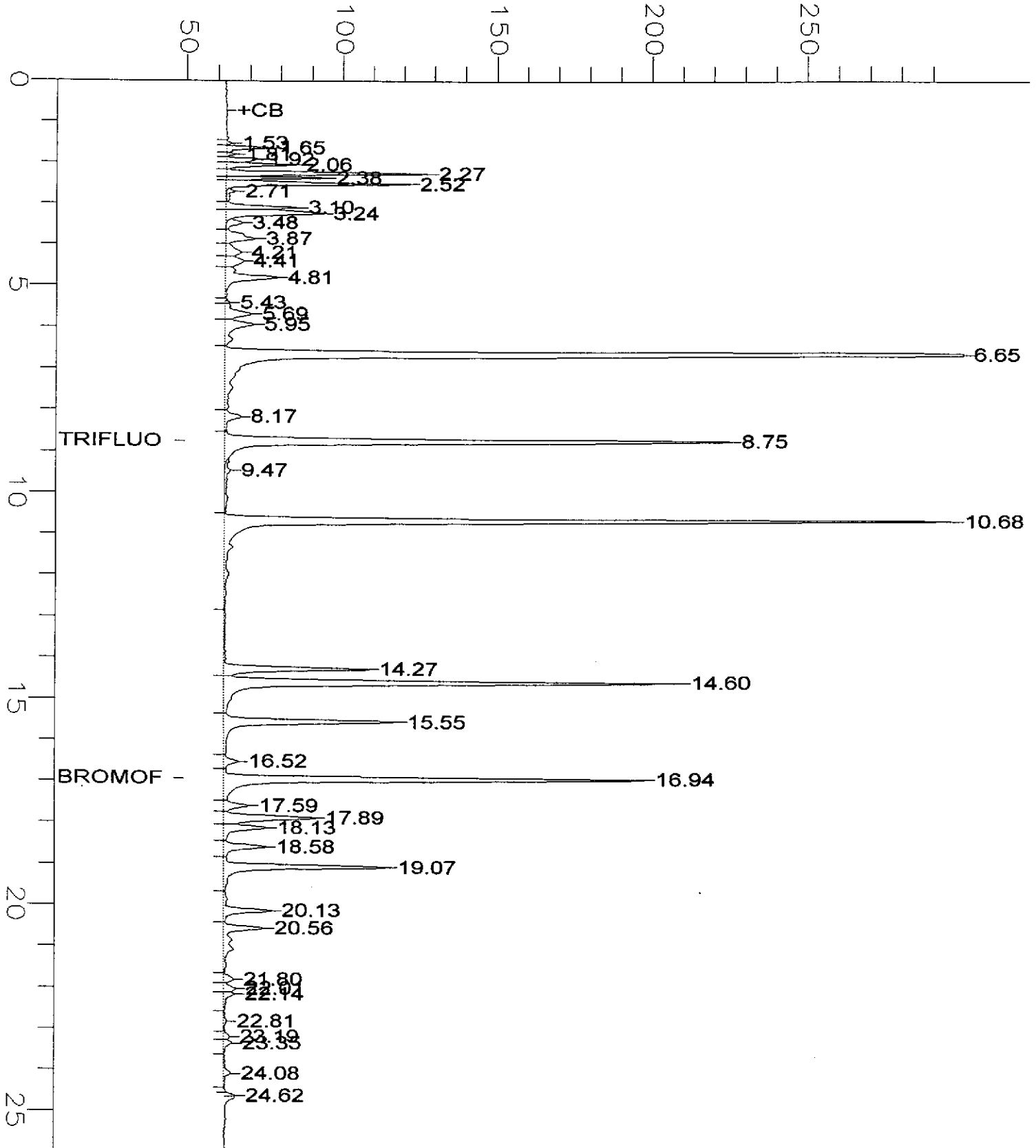


GC04 TVH 'J' Data File Rtx1FID

Sample Name : 138187-002a,46518,50 uL
 FileName : G:\GC04\DATA\060J039.raw
 Method : TVHBIKE
 Start Time : 0.00 min
 Scale Factor : -1.0

Sample #: 100x pH<2
 Date : 3/2/99 09:17 PM
 Time of Injection: 3/2/99 08:51 PM
 Low Point : 49.51 mV
 High Point : 299.51 mV
 Plot Scale: 250.0 mV

Response [mV]

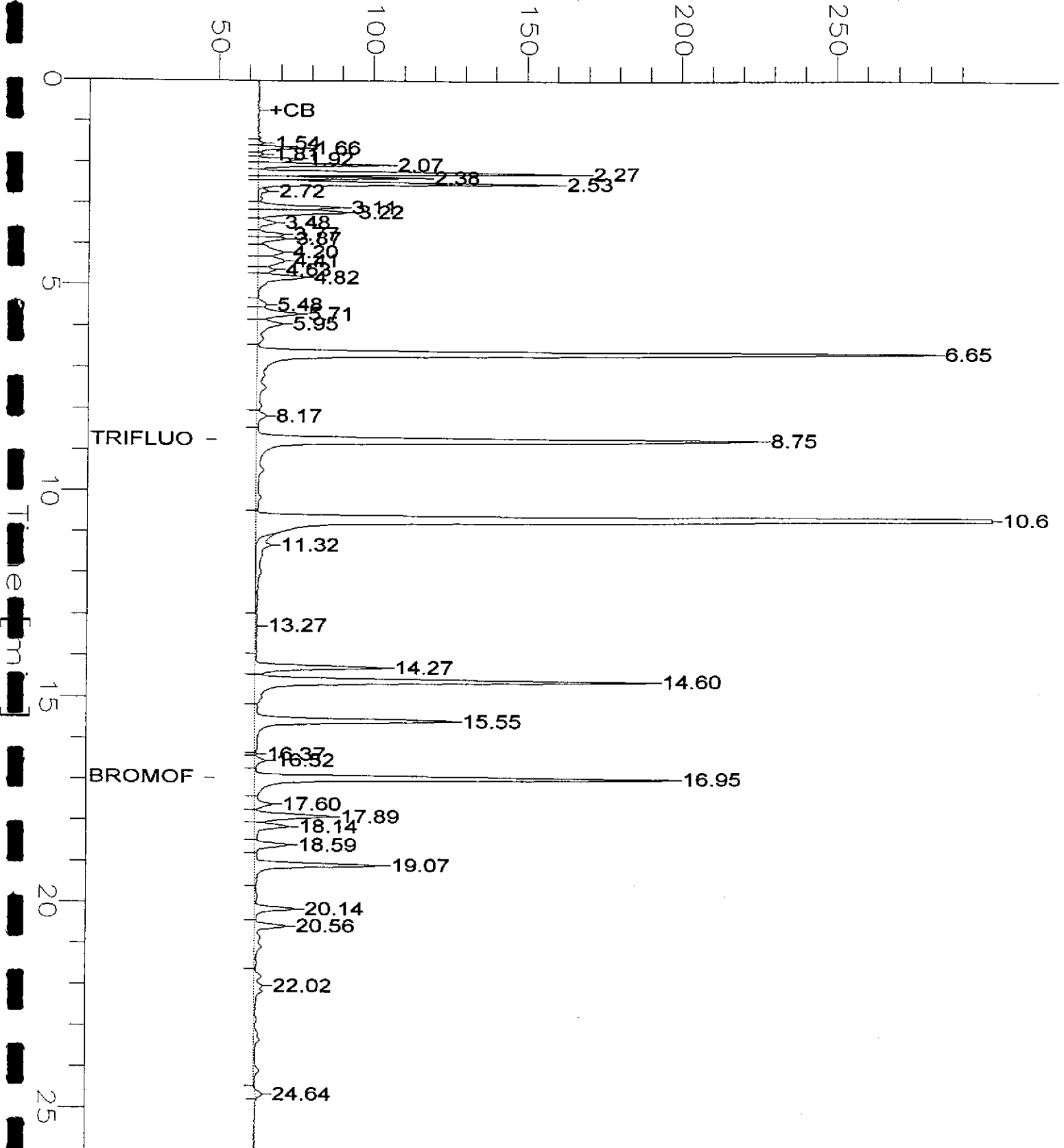


GC04 TVH 'J' Data File Rtx1FID

Sample Name : 138187-003a,46518,50 uL
 FileName : G:\GC04\DATA\060J040.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor: -1.0

Sample #: 100x ph<2
 Date : 3/2/99 09:54 PM
 Time of Injection: 3/2/99 09:28 PM
 Low Point : 49.73 mV
 High Point : 299.73 mV
 Plot Scale: 250.0 mV

Response [mV]



GC04 TVH 'J' Data File Rtx1FID

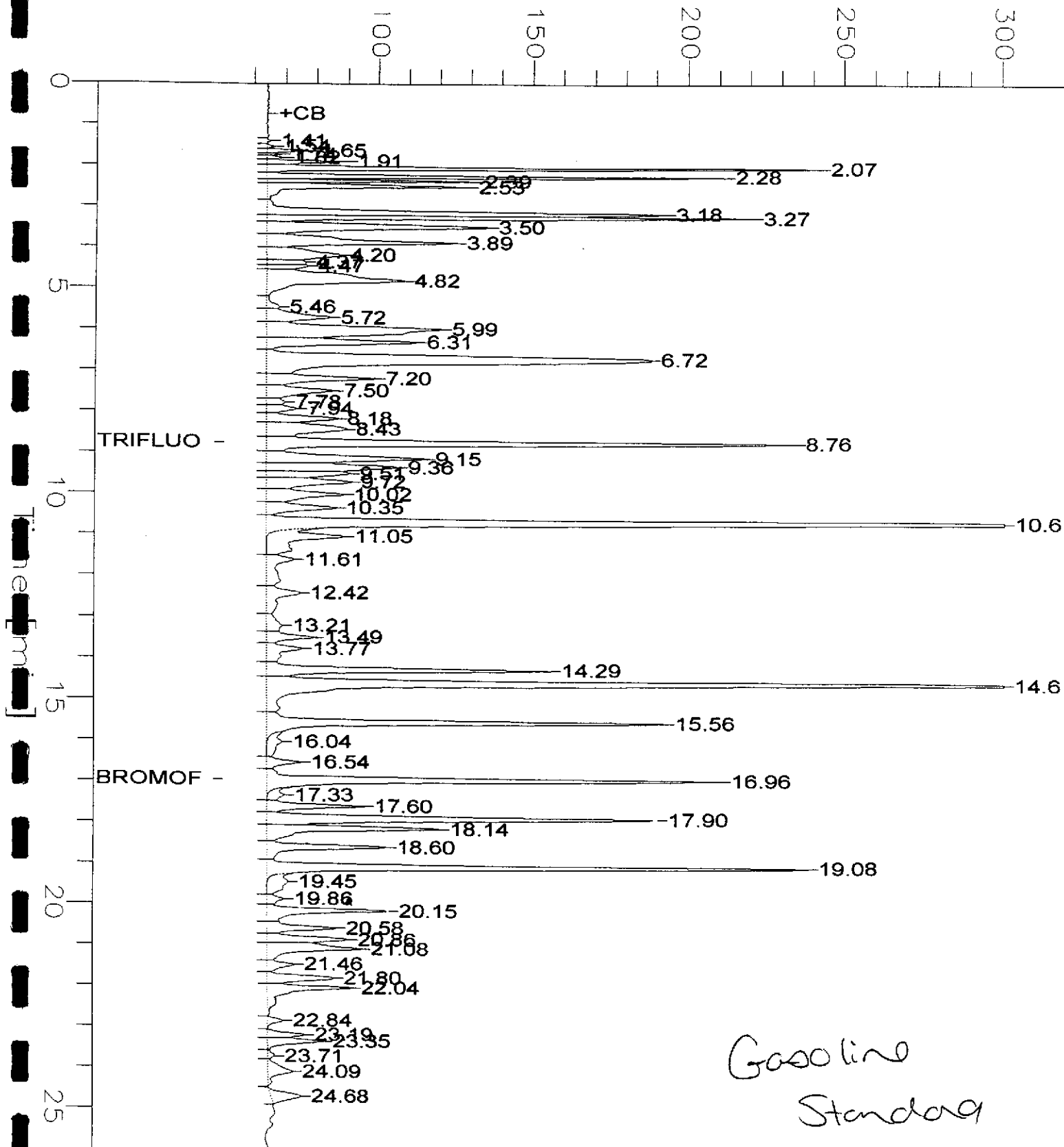
Sample Name : ccv/lcs, qc91824, 99ws7126, 46518
 FileName : G:\GC04\DATA\060J007.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor : -1.0

End Time : 26.00 min
 Plot Offset: 51 mV

Sample #: GAS
 Date : 3/2/99 11:58 AM
 Time of Injection: 3/1/99 10:59 PM
 Low Point : 51.21 mV
 Plot Scale: 250.0 mV
 High Point : 301.21 mV

Page 1 of 1

Response [mV]



ATC ENVIRONMENTAL INC.

Chain of Custody

138187

6666 Owens Dr
PLEASANTON, CA.
94588

2380 Guma Drive, Suite C
San Jose, CA 95131
Tel: (408) 474-0280
Fax: (408) 434-6662

PH (925) 460 5300 FAX (925) 463-2557

Project Name: PRENTISS OAKLAND										Turn Around Time Standard 5 to 10 Business Days <input checked="" type="checkbox"/> Priority Rush Business Day(s) <input type="checkbox"/>													
Project Number: 61877.0004																							
ATC Environmental Inc. Contact: JIM LEHRMAN																							
Laboratory Name: CURTIS & TOMPKIN																							
Sample Number	Location	Date	Time	Matrix			Preservative	No. of Containers	Type of Containers	TPH as gas/TPH as diesel, EPA 8015M	VOCs, EPA 8010	VOCs, EPA 8240	VOCs, EPA 8020	VOCs, EPA 8010/8020	SVOCs, EPA 8270	TRPH, SM 5520F	TOG, SM 5520B	Title 22 Metals, EPA	PP (13) Metals, EPA	Pesticides Only, EPA 8080	BTEx/MTBE 8020	H VOC'S 8010	
				Soil	Water	Other																	
A-3		2/26/99	1144	X			Hel	6	VOAS	X											X	X	
A-1		↓	1232	X			↓	6	↓	X											X	X	
A-2		↓	1326	X			↓	6	↓	X											X	X	
Remarks																							
Relinquished by sampler: Jeffrey D. Sala			Date: 2/26/99	Time: 1441	Received by																		
Relinquished by			Date	Time	Received by																		
Relinquished by			Date	Time	Received by laboratory: J. Morrison																		
			Date: 2/26/99	Time: 14:41																			