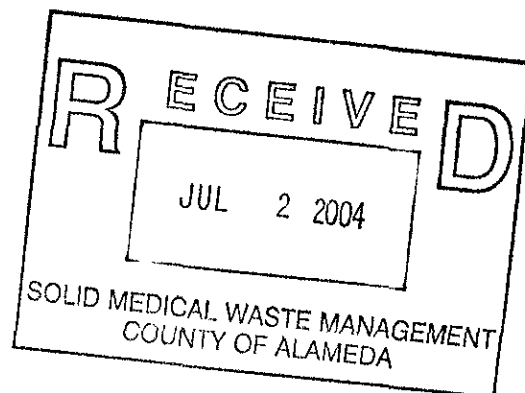


June 30, 2004

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway #250
Alameda, California 94502-6577

Groundwater Monitoring Event – March 2003
2801 MacArthur Boulevard
Oakland, California



Dear Ms. Chu:

This letter presents the results of the March 2003 groundwater monitoring event performed by Blaine Tech Services at the above referenced property (Site). The Site is situated at the west corner of the intersection of MacArthur Boulevard and Coolidge Avenue in Oakland (Plate 1). Based on our telephone conversation, it appears that these results were not forwarded to you at the time of sampling due to an oversight.

Groundwater monitoring had been periodically conducted at the Site from October 1990 to November 1996. Monitoring was resumed on a semi-annual basis for one year in June 1999, as requested by Alameda County Health Care Services Agency (ACHCSA). The sampling in March 2003 was performed in response to your letter dated January 14, 2003 requesting one additional round of groundwater sampling prior to recommending the Site for closure.

BACKGROUND

The Site has been commercially developed since the early 1930s, and records indicate that the Site has a long history of use as a gasoline service station. The former service station building is currently being used by an auto repair business. No USTs are in use at the Site.

In May 1989, three underground storage tanks (USTs) and associated fuel dispensing underground lines were removed from the Site. Approximately 435 cubic yards of gasoline impacted soil were subsequently excavated to a depth of 15 feet below ground surface (bgs), removed from the Site, and clean fill was placed into the resulting excavation. A 1,000 gallon waste oil tank was also removed from the Site in July 1989. Remnants of old underground fuel lines encountered during excavation activities were also removed at this time.

In 2000, an excavation approximately 30 feet by 50 feet in plan dimension and 15 to 18 feet deep was made to remove additional contaminated soil associated with the former gas station. This excavation was in the area of the former gas station pump islands. The excavation was backfilled with imported fill material. Because the fill was not adequately compacted, the clean fill was re-excavated in the fall of 2001, replaced and properly compacted. Soil samples were collected from the sidewalls and bottom of both excavations.

Numerous wells, piezometers, and borings have been installed to investigate the extent of soil and groundwater impacts on the Site (Plate 2).

GROUNDWATER MONITORING ACTIVITIES

Sampling

Wells M-3, M-4, M-5, M-6 and piezometer P-2 were purged and sampled during this sampling event. Wells M-1, M-2 and piezometer P-3 were inaccessible as they have been paved over. Depth-to-water was measured in all the wells and in the piezometer. The wells and piezometer were then all purged dry using disposable bailers. The number of gallons evacuated were recorded. The wells and piezometer were allowed to recharge for 24 hours and then sampled. Groundwater samples were collected in appropriate sample containers and stored on ice until delivery to the laboratory. Field activities are summarized in the attached report by Blaine Tech Services that includes all field well monitoring data sheets and chain-of-custody reports.

Analytical Testing

Curtis & Tompkins, Ltd., a state-certified chemical testing laboratory, performed chemical analyses on selected groundwater samples. The sample were analyzed using the following methods:

Total Volatile Hydrocarbons (TVHg)	EPA 8015B
Benzene, toluene, ethylbenzene, total xylenes (BTEX)	EPA 8260B
Methyl Tertiary Butyl Ether (MTBE)	EPA 8260B

The analytical laboratory report by Curtis & Tompkins is attached.

DISCUSSION

Groundwater Levels

Groundwater levels measured during March 2003 (Table 1) were generally consistent with those obtained from previous sampling events. Groundwater levels have historically fluctuated seasonally. (Refer to March 10, 2000 letter report by Subsurface Consultants titled "Groundwater Monitoring Event – December 1999 for historical data.)

Free Product

There was no free product encountered during this sampling event in any of the wells or the piezometer.

Monitor Well Test Results

The analytical results for the March 2003 sampling event are presented in Table 2 and summarized below. For historical sample results, refer to the March 10, 2000 letter report by Subsurface Consultants titled "Groundwater Monitoring Event – December 1999".

TVH(g)

Analyses detected TVH(g) in M-4 and P-2 at concentrations of 6,200 ug/l and 54,000 ug/l respectively. TVH(g) was not detected in M-3, M-5 or M-6. The detected TVH(g) concentrations were generally consistent with those detected during previous monitoring events, except for M-4 which had a higher TVH(g) concentration than during the last two sampling events in 1999.

BTEX

Analyses detected BTEX in groundwater samples from M-4 and P-2. Detected benzene concentrations were 1,900 ug/l in M-4 and 750 ug/l in P-2. BTEX was not detected in M-3, M-5 or M-6. The detected BTEX concentrations were generally consistent with those detected during previous monitoring events, except for P-2 which had lower benzene concentrations during this sampling event.

MTBE

Analyses detected no MTBE concentrations at or above the analytical reporting limit in any of the groundwater samples tested.

Ms. Eva Chu
Alameda County Health Care Services Agency
June 30, 2004
Page 4

CONCLUSION

Based on the historical and current groundwater monitoring data, it appears that the gasoline constituent concentrations detected in groundwater samples during this event are consistent with those observed in the past.

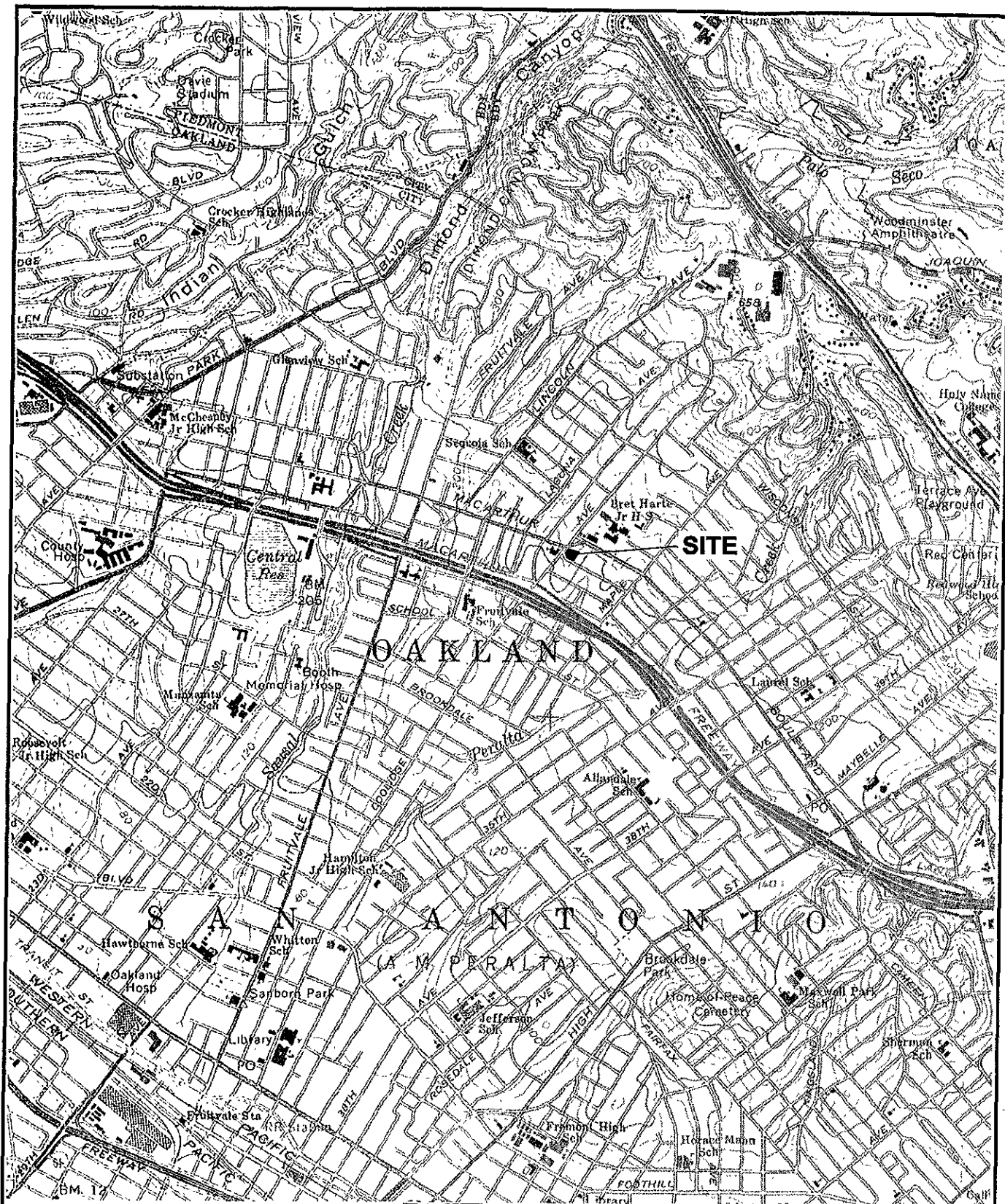
If you have any questions regarding this information, please do not hesitate to call.

Sincerely,



Aniko Molnar
Environmental Consultant

cc: Nicholas D. Molnar, APA Fund
Raymond Yu



APPROXIMATE SCALE IN FEET



SITE LOCATION MAP

2801 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

PLATE

1

SCI

Subsurface Consultants, Inc.
Geotechnical & Environmental Engineers

JOB NUMBER
838.006

DATE
1/00

APPROVED

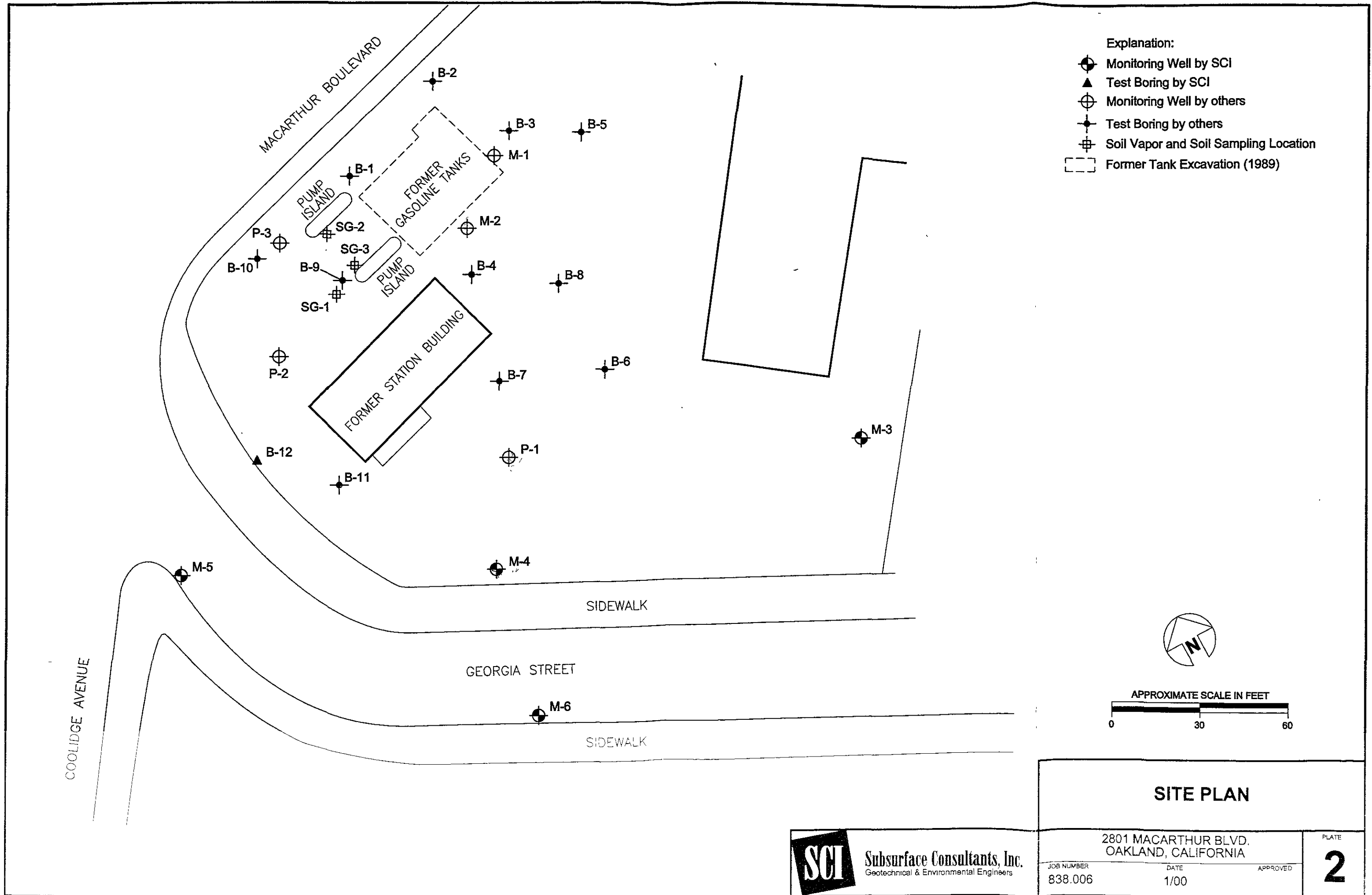


Table 1
Groundwater Elevation Data
2801 MacArthur Boulevard
Oakland, California

Well	TOC Elevation (feet)	Date	Groundwater Depth (feet)	Groundwater Elevation (feet)
M-3	992.8	3/24/03	23.9	968.9
M-4	999.6	3/24/03	33.4	966.2
M-5	992.9	3/24/03	25.9	967
M-6	997.7	3/24/03	32.9	964.8
P-2	997.8	3/24/03	25.8	972

Note:

TOC Elevations relative to site-specific datum. Temporary Bench Mark No. 1, top of concrete at west corner of northernmost pump island. Assumed elevation = 1000 feet.

Table 2
Summary of Groundwater Analytical Results
2801 MacArthur Boulevard
Oakland, California

Sample Location	Sample Date	TVH(g) (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl- benzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)
M-3	3/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5
M-4	3/25/03	6200 Z	1900	35	92	58	<7.1
M-5	3/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5
M-6	3/25/03	<50	<0.5	<0.5	<0.5	<0.5	<0.5
P-2	3/25/03	54000	750	3000	1200	7100	<13

Notes:

TVH(g) = Total volatile hydrocarbons in the gasoline range C7-C12

ug/l = micrograms per liter

<50 = analyte not present at a concentration above the stated reporting limit of 50 ug/l

Z = sample exhibits unknown single peak or peaks

BLAINE
TECH SERVICES, INC.



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

3

April 4, 2003

APA Fund Ltd.
440 Grand Avenue
Oakland, CA 94610

ATTN: Aniko Molnar

Site:
APA Fund Ltd.
2801 MacArthur Boulevard
Oakland, California

Date:
March 24, 2003

GROUNDWATER SAMPLING REPORT 030324-SS-1

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. does not participate in the interpretation of analytical results, or become involved with the marketing or installation of remedial systems.

This report deals with the groundwater well sampling performed by our firm in response to your request. Data collected in the course of our work at the site are presented in the WELL MONITORING DATA SHEETS. This information was collected during our inspection, well evacuation and sample collection. Measurements include the total depth of the well and the depth to water. Water surfaces were further inspected for the presence of immiscibles. A series of electrical conductivity, pH, turbidity, and temperature readings were obtained during well evacuation and at the time of sample collection.

STANDARD PRACTICES

Evacuation and Sampling Equipment

As shown in the WELL MONITORING DATA SHEETS, the wells at this site were evacuated according to a protocol requirement for the removal of three case volumes of water, before sampling. The wells were evacuated using bailers.

Samples were collected using bailers.

Bailers: A bailer, in its simplest form, is a hollow tube that has been fitted with a check valve at the lower end. The device can be lowered into a well by means of a cord. When the bailer enters the water, the check valve opens and liquid flows into the interior of the bailer. The bottom check valve prevents water from escaping when the bailer is drawn up and out of the well.

Two types of bailers are used in groundwater wells at sites where fuel hydrocarbons and/or solvents are of concern. The first type of bailer is made of a clear material such as acrylic plastic and is used to obtain a sample of the surface and the near-surface liquids, in order to detect the presence of visible or measurable fuel hydrocarbon floating on the surface. The second type of bailer is made of polyethylene, Teflon, or stainless steel, and is used as an evacuation and/or sampling device. Disposable bailers are made of polyethylene plastic, decontaminated by the manufacturer, individually packaged for one-time only use, and are inexpensive. Teflon and stainless steel bailers are relatively easy to clean and are considered reusable with proper decontamination.

Because bailers are manually operated, variations in operator technique may have a greater influence on performance than would be found when using more automated sampling equipment. Also, in cases where fuel hydrocarbons are involved the bailer may include near-surface contaminants that are not representative of water located deeper in the well.

Decontamination

All apparatus is brought to the site in clean and serviceable condition. The equipment is decontaminated after each use and before leaving the site.

Effluent Materials

The evacuation process creates a volume of effluent water that must be contained. Blaine Tech Services, Inc. will place this water in appropriate containers of the client's choice or bring new 55-gallon DOT 17 E drums to the site, which are appropriate for the containment of the effluent materials. The determination of how to properly dispose of the effluent water must usually await the results of laboratory analyses of the sample collected from the groundwater well. If that sample does not establish whether or not the effluent water is contaminated, or if effluent from more than

one source has been combined in the same container, it may be necessary to conduct additional analyses on the effluent material.

Sampling Methodology

Samples were obtained by standardized sampling procedures that follow an evacuation and sample collection protocol. The sampling methodology conforms to both State and Regional Water Quality Control Board standards and specifically adheres to EPA requirements for apparatus, sample containers and sample handling as specified in publication SW 846 and T.E.G.D. which is published separately.

Sample Containers

Sample containers are supplied by the laboratory performing the analyses.

Sample Handling Procedures

Following collection, samples are promptly placed in an ice chest containing ice or an inert ice substitute such as Blue Ice or Super Ice. The samples are maintained in either an ice chest or a refrigerator until delivered into the custody of the laboratory.

Sample Designations

All sample containers are identified with both a sampling event number and a discrete sample identification number. Please note that the sampling event number is the number that appears on our chain of custody. It is roughly equivalent to a job number, but applies only to work done on a particular day of the year rather than spanning several days, as jobs and projects often do.

Chain of Custody

Samples are continuously maintained in an appropriate cooled container while in our custody and until delivered to the laboratory under our standard chain of custody. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date and signature of person accepting custody of the samples).

Hazardous Materials Testing Laboratory

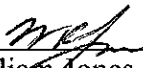
The samples obtained at this site were analyzed at Curtis & Tompkins in Berkeley, California. Curtis & Tompkins is certified by the California Department of Health Services under the Environmental Laboratory Accreditation Program (ELAP), and is listed as ELAP #1459.

Personnel

All Blaine Tech Services, Inc. personnel receive 29 CFR 1910.120(e)(2) training as soon after being hired as is practical. In addition, many of our personnel have additional certifications that include specialized training in level B supplied air apparatus and the supervision of employees working on hazardous materials sites. Employees are not sent to a site unless we are confident they can adhere to any site safety provisions in force at the site and unless we know that they can follow the written provisions of an SSP and the verbal directions of an SSO.

In general, employees sent to a site to perform groundwater well sampling will assume an OSHA level D (wet) environment exists unless otherwise informed. The use of gloves and double glove protocols protects both our employees and the integrity of the samples being collected. Additional protective gear and procedures for higher OSHA levels of protection are available.

Please call if we can be of any further assistance.



William Jones
Project Coordinator

WRJ/mrb

attachments: field data sheets
chain of custody

WELL GAUGING DATA

Project # 030324561

Date 3/24/03

Client APA FUND LTD.
~~APA Deviation Env.~~

Site 2601 MacArthur Blvd Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
P-2	2	PAVED OVER UNACCESSIBLE				25.80	41.80	
M-2	2	"			47			
M-4	2					33.35	45.05	
M-5	2					25.85	37.50	
M-6	2					32.89	46.70	
P-3	2	PAVED OVER UNACCESSIBLE						
M-3	2					23.88	39.65	✓

CLIENT ADDED M-2 ✓

WELL MONITORING DATA SHEET

Project #: <u>030324-551</u>	Client: DOMINION ENV. <u>AAA FUND LTD</u>
Sampler: <u>SOOCH SWING</u>	Start Date: <u>3/24/03</u>
Well I.D.: <u>A-2</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>41.80</u>	Depth to Water: <u>25-80</u>
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade _____	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible

- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

80% = 29.00

2.5 (Gals.) X 5 = 12.5
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1150	67.2	9.6	566	167	2.5	SHOW GAS ODOUR
1155	66.7	9.5	514	>200	5.0	
max de-aerated @			5.5 gal.			DTW = 38.75
1030	67.1	9.3	693	49	—	DTW = 33.60'

Did well dewater? Yes No Gallons actually evacuated: 5.5

Sampling Time: 1035 Sampling Date: 3/24/03

Sample I.D.: A-2 Laboratory: CT

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 030324-SS1	Client: XXXXXXXXXX APA Funds LTD.
Sampler: SOOCH SUNG	Start Date: 3/24/03
Well I.D.: P-3	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: _____
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: _____ PVC _____ Grade _____	D.O. Meter (if req'd): _____ YSI _____ HACH _____

Purge Method: _____

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible

Water _____
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method: _____

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

(Gals.) X _____ = _____
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
						well was taken out - PAVED OVER - INACCESSIBLE!

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: <u>030324-SS1</u>	Client: Blaine Tech <u>APA Fuel Ltd.</u>
Sampler: <u>Geotech SUSE</u>	Start Date: <u>3/24/03</u>
Well I.D.: <u>M-2</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: _____
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

_____ (Gals.) X _____ = _____
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
<u>11:20</u>	<u>15</u>	<u>7.2</u>	<u>150</u>	<u>0.1</u>	<u>0</u>	<u>IS PAVED OVER, INACCESSIBLE</u>

Did well dewater? Yes No

Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
ORP (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>030324-551</u>	Client: XXXXXXXXXX <u>AAA Funds Ltd.</u>
Sampler: <u>600H SUNG</u>	Start Date: <u>3/24/03</u>
Well I.D.: M-3 <u>M-3</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>39.65</u>	Depth to Water: <u>23.88</u>
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method: _____ Sampling Method: Bailer 80% 27.03

<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other: _____
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

Disposable Bailer
 Extraction Port
 Dedicated Tubing

7.5 (Gals.) X 5 = 12.5
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1025	65.0	7.1	334	>200	2.5	TURBID
1030	65.4	6.7	288	>200	5.0	"
1035	65.6	6.7	297	>200	7.5	BROWN
1039	66.1	6.7	299	>200	10.0	"
max	DEWATERED		11 gal.	335	23.92	DTW = 36.75
2947	66.3	7.1	335	>200		DTW = 23.92

Did well dewater? Yes No Gallons actually evacuated: ~~10.0~~ 11

Sampling Time: 950 Sampling Date: ~~3/24/03~~ 3/25/03

Sample I.D.: M-3 Laboratory: CTT

Analyzed for: TPH-G BTEX MTBE ^{5260P} TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: <u>030324-551</u>	Client: Blaine Tech Services <u>APA Foods LTD</u>
Sampler: <u>600ft SUNG</u>	Start Date: <u>3/24/03</u>
Well I.D.: <u>M-4</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>45.05</u>	Depth to Water: <u>33-35</u>
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>(PVC)</u> Grade _____	D.O. Meter (if req'd): YSI _____ HACH _____

Purge Method:

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Bailer
<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Middleburg
<input type="checkbox"/> Electric Submersible | <input type="checkbox"/> Waterra
<input type="checkbox"/> Peristaltic
<input type="checkbox"/> Extraction Pump
<input type="checkbox"/> Other _____ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

Sampling Method:

- 80' - 35.69
- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <input checked="" type="checkbox"/> Bailer
<input checked="" type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Extraction Port
<input type="checkbox"/> Dedicated Tubing | Other: _____ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|

2 (Gals.) X 5 = 10
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1050	69.2	6.6	1206	>200	2	GAS OROF
1053	69.1	6.6	1278	111	4	
1056	69.4	6.7	1396	>200	6	
well dewatered @ 6 gal.						DTW = 42.75
1013	68.1	7.0	1347	>200	—	DTW = 40.18'

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1017 Sampling Date: 3/24/03

Sample I.D.: M-4 Laboratory: CA

Analyzed for: (TPH-G BTEX MTBE) ^{6260A} TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
ORP (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

WELL MONITORING DATA SHEET

Project #: <u>030324-SS1</u>	Client: DOMINION ENV. <u>Acad Power Ltd.</u>
Sampler: <u>600ft SUNG</u>	Start Date: <u>3/24/03</u>
Well I.D.: <u>M-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>37.50</u>	Depth to Water: <u>25-85</u>
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method: _____ Sampling Method: Bailer 80% - 28.18

<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> <u>Disposable Bailer</u> <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> <u>Disposable Bailer</u> <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing <input type="checkbox"/> Other: _____
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2 (Gals.) X 5 = 10
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
948	66.3	6.3	907	64	2	clear
951	66.8	6.4	852	58	4	"
954	66.7	6.4	856	174	6	TURBID
well dewatered @ 6 gal.						DTW = 35-85
850	67.5	6.4	852	29	—	DTW = 26-43'

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 856 Sampling Date: ~~3/24/03~~ 3/25/03

Sample I.D.: M-5 Laboratory: CTT

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: FBO32030 905 Duplicate I.D.: _____
Time: 11:15

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	ORP (if req'd):	Pre-purge:	mV	Post-purge:

WELL MONITORING DATA SHEET

Project #: <u>030324-551</u>	Client: Blaine Tech <u>AAA Fluid Ltd.</u>
Sampler: <u>500ft SUNG</u>	Start Date: <u>3/24/03</u>
Well I.D.: <u>M-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>46.70</u>	Depth to Water: <u>32.89</u>
Before: _____ After: _____	Before: _____ After: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>(PVC)</u> Grade _____	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Mittelfeurg
- Electric Submersible

- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

801-35-65

2.2 (Gals.) X 5 = 11.0
Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1007	65.1	6.8	588	127	2.2	TURBID
1010	65.5	6.9	664	75	4.4	LESS TURBID
WELL DEWATERED @ 6 gal.						DTW = 44.20
1019 1019	66.5	7.4	710	56	—	DTW = 43.10

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1004 Sampling Date: 3/24/03

Sample I.D.: M-6 Laboratory: CTT

Analyzed for: (PVC) TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Client DOMINION ENVIRONMENTAL Date 3/24/03
 Site Address 2801 MACARTHUR BLVD. OAKLAND, CA.
 Job Number 030324-SS1 Technician SOOCH

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
M-4								
M-5						X		
M-6								
M-3	X							
P-2				X		X		

NOTES: WELL P-2 IS EXPOSED. WAS COVERED W/ CONCRETE & SPONGELIKE
MATERIAL. ONLY TOP OF CASING IS EXPOSED; REST OF WELL BOX FILLED IN.
M-5 - CAP BROKEN. NO LOCK.

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY
 BTS # 030324-551

CLIENT
 APA Fund Ltd.

SITE
 2801 MacArthur Blvd.
 Oakland, CA

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS	
			S=SOIL W=H ₂ O	TOTAL		
M-5	3/25/03	856	W	6	HELL	
FBO32503		905				
M-6		1004				
M-3		950				
M-4		1017				
P-2		1035				
TB				3		

CONDUCT ANALYSIS TO DETECT									
C = COMPOSITE ALL CONTAINERS	TPH-G (8015)	BTEX & MTBE ONLY (8260A)							
			X	X					
X	X								
X	X								
X	X								
X	X								
X	X								

LAB Curtis & Tompkins DHS # _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA RWQCB REGION _____

LIA

OTHER

SPECIAL INSTRUCTIONS

Invoice to: APA Fund Ltd. Attn: Nicholas Molnar
 440 Grand Ave. Oakland, CA

Report to: APA Fund Ltd. Attn: Aniko Molnar

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	3/25/03	1100	<i>[Signature]</i>	As contracted	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>			<i>[Signature]</i>	3/26/03	2:50
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

no'd contact from refigured



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

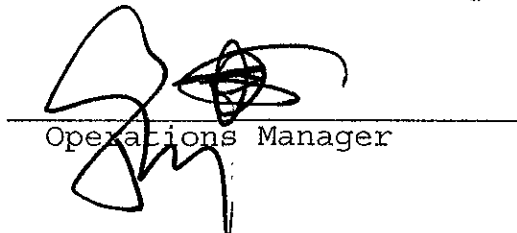
Prepared for:

APA Fund Ltd
775 E Blithedale #325
Mill Valley, CA 94941

Date: 14-APR-03
Lab Job Number: 164422
Project ID: STANDARD
Location: 2801 MacArthur Blvd.

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

Reviewed by: 
Project Manager

Reviewed by: 
Operations Manager

This package may be reproduced only in its entirety.

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Curtis & Tompkins

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

- EPA
- LIA
- OTHER
- RWQCB REGION _____

SPECIAL INSTRUCTIONS

Invoice to: APA Fund Ltd. Attn: Nicholas Molnar
440 Grand Ave. Oakland, CA
Report to: APA Fund Ltd. Attn: Aniko Molnar

CHAIN OF CUSTODY

BTS # 030324-SS1

CLIENT

APA Fund Ltd.

SITE

2801 MacArthur Blvd.

Oakland, CA

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS
			S=SOIL W=H ₂ O	TOTAL
1 M-5	3/25/03	856	W	6
FB032503		905		
3 M-6		1004		
4 M-3		950		
5 M-4		1017		
6 P-2		1035		
-7 TB				3

C = COMPOSITE ALL CONTAINERS

TPH-G (8015)

BTEX & MTBE ONLY (8260A)

ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE #

SAMPLING COMPLETED 3/25/03 1100 SAMPLING PERFORMED BY *[Signature]*

RESULTS NEEDED NO LATER THAN As contracted

RELEASED BY *[Signature]* DATE TIME RECEIVED BY *[Signature]* DATE TIME
 RELEASED BY DATE TIME RECEIVED BY DATE TIME
 RELEASED BY DATE TIME RECEIVED BY DATE TIME

3/26/03 3:30

SHIPPED VIA DATE SENT TIME SENT COOLER #

add contact from refrigerator

Total Volatile Hydrocarbons

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Water	Sampled:	03/25/03
Units:	ug/L	Received:	03/26/03
Batch#:	80343		

Field ID: M-5 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 03/27/03
 Lab ID: 164422-001

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	68-145
Bromofluorobenzene (FID)	101	66-143

Field ID: FB032503 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 03/27/03
 Lab ID: 164422-002

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	68-145
Bromofluorobenzene (FID)	103	66-143

Field ID: M-6 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 03/27/03
 Lab ID: 164422-003

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	68-145
Bromofluorobenzene (FID)	95	66-143

Field ID: M-3 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 03/27/03
 Lab ID: 164422-004

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	68-145
Bromofluorobenzene (FID)	105	66-143

Z= Sample exhibits unknown single peak or peaks
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 2

Total Volatile Hydrocarbons

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Water	Sampled:	03/25/03
Units:	ug/L	Received:	03/26/03
Batch#:	80343		

Field ID:	M-4	Diln Fac:	2.000
Type:	SAMPLE	Analyzed:	03/28/03
Lab ID:	164422-005		

Analyte	Result	RL
Gasoline C7-C12	6,200 Z	100
Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	68-145
Bromofluorobenzene (FID)	103	66-143

Field ID:	P-2	Diln Fac:	10.00
Type:	SAMPLE	Analyzed:	03/27/03
Lab ID:	164422-006		

Analyte	Result	RL
Gasoline C7-C12	54,000	500
Surrogate	%REC	Limits
Trifluorotoluene (FID)	134	68-145
Bromofluorobenzene (FID)	110	66-143

Field ID:	TB	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	03/27/03
Lab ID:	164422-007		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	68-145
Bromofluorobenzene (FID)	98	66-143

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC209268	Analyzed:	03/27/03

Analyte	Result	RL
Gasoline C7-C12	ND	50
Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	68-145
Bromofluorobenzene (FID)	96	66-143

Z= Sample exhibits unknown single peak or peaks
 ND= Not Detected
 RL= Reporting Limit
 Page 2 of 2

Chromatogram

Sample Name : 164422-005.80343

Sample #: d1

Page 1 of 1

FileName : G:\GC05\DATA\086G034.raw

Date : 3/28/03 11:10 AM

Method : TVHBTXE

Time of Injection: 3/28/03 09:24 AM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : -34.82 mV

High Point : 969.67 mV

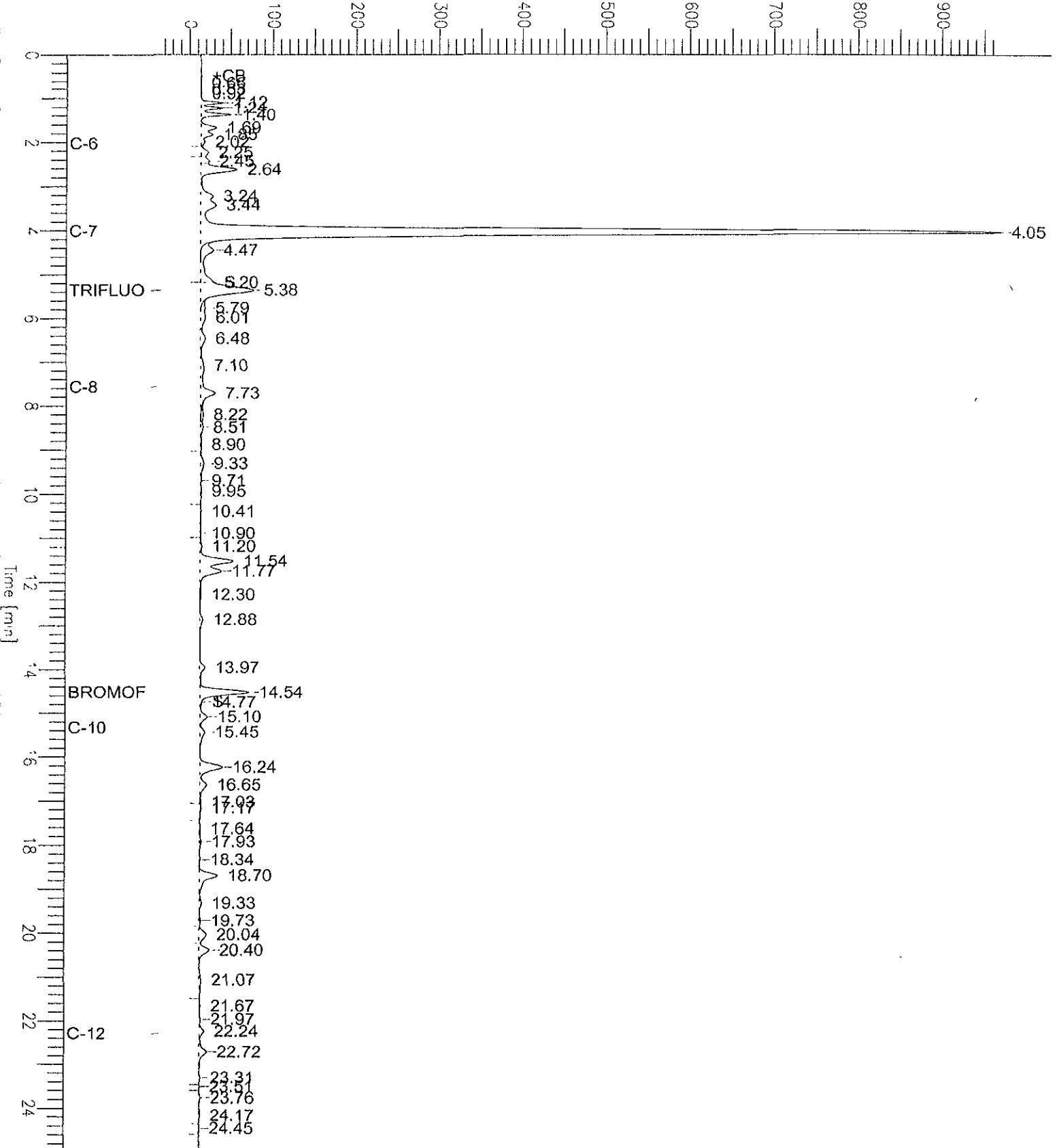
Scale Factor: 1.0

Plot Offset: -35 mV

Plot Scale: 1004.5 mV

M-4

Response [mV]



Chromatogram

Sample Name : 164422-006,80343

Sample #: c1

Page 1 of 1

FileName : G:\GC05\DATA\086G011.raw

Date : 3/28/03 11:05 AM

Method : TVHBTXE

Time of Injection: 3/27/03 05:56 PM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : -7.90 mV

High Point : 428.08 mV

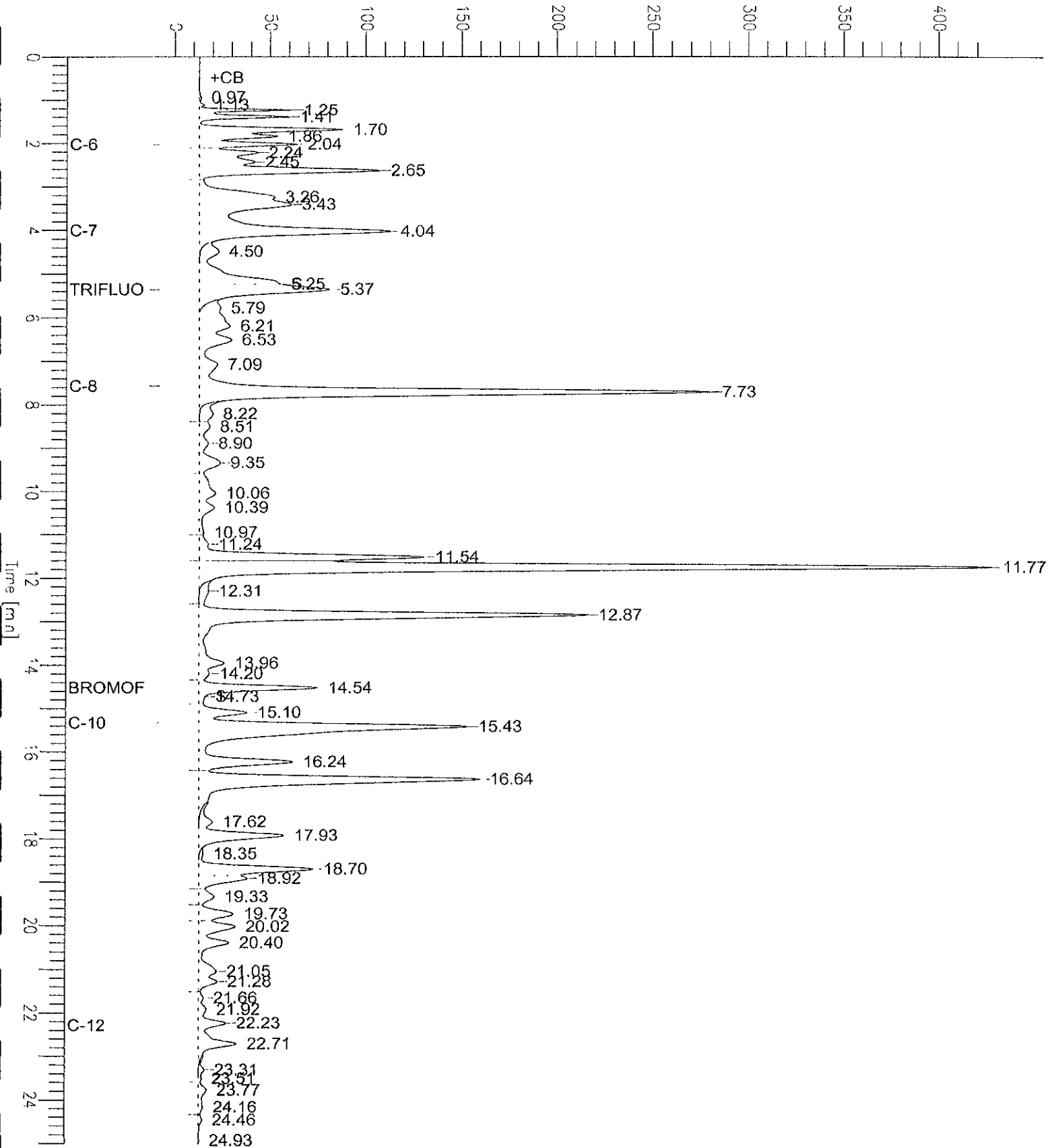
Scale Factor: 1.0

Plot Offset: -8 mV

Plot Scale: 436.0 mV

P-2

Response [mV]



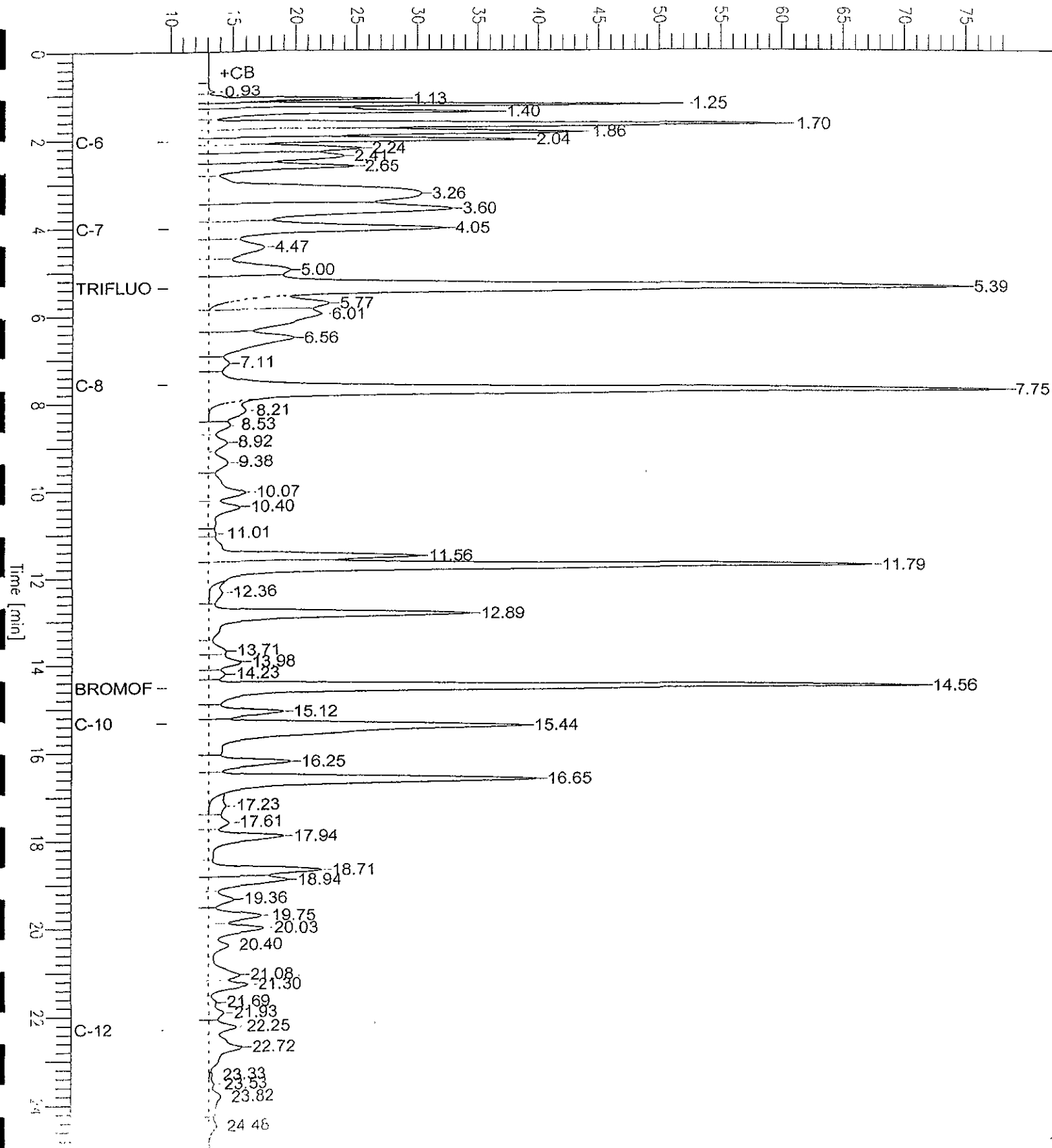
Chromatogram

Sample Name : ccv/lcs,qc209269,80343,03ws0417,2.5/5000
FileName : G:\GC05\DATA\086G001.raw
Method : TVHBTXE
Start Time : 0.00 min
Scale Factor : 1.0

Sample #.
Date : 3/27/03 12:35 PM
Time of Injection: 3/27/03 12.09 PM
Low Point : 9.77 mV
High Point : 78.07 mV
End Time : 25.00 min
Plot Offset: 10 mV
Plot Scale: 68.3 mV

Gasoline

Response [mV]



Total Volatile Hydrocarbons

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC209269	Batch#:	80343
Matrix:	Water	Analyzed:	03/27/03
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,054	105	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	68-145
Bromofluorobenzene (FID)	103	66-143

Total Volatile Hydrocarbons

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Field ID:	ZZZZZZZZZZ	Batch#:	80343
MSS Lab ID:	164423-002	Sampled:	03/26/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/27/03
Diln Fac:	1.000		

Type: MS Lab ID: QC209275

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	26.49	2,000	2,032	100	67-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	123	68-145
Bromofluorobenzene (FID)	109	66-143

Type: MSD Lab ID: QC209276

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,007	99	67-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	122	68-145
Bromofluorobenzene (FID)	108	66-143



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	M-5	Batch#:	80340
Lab ID:	164422-001	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/27/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	77-130
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-120

**Purgeable Aromatics by GC/MS**

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	FB032503	Batch#:	80340
Lab ID:	164422-002	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/27/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	90	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-120



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	M-6	Batch#:	80340
Lab ID:	164422-003	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/28/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	77-130
Toluene-d8	102	80-120
Bromofluorobenzene	107	80-120

ND= Not Detected
RL= Reporting Limit
Page 1 of 1



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	M-3	Batch#:	80340
Lab ID:	164422-004	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/28/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	77-130
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-120



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	M-4	Batch#:	80340
Lab ID:	164422-005	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/28/03
Diln Fac:	14.29		

Analyte	Result	RL
MTBE	ND	7.1
Benzene	1,900	7.1
Toluene	35	7.1
Ethylbenzene	92	7.1
m,p-Xylenes	58	7.1
o-Xylene	ND	7.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	108	80-120

**Purgeable Aromatics by GC/MS**

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	P-2	Batch#:	80377
Lab ID:	164422-006	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/28/03
Diln Fac:	25.00		

Analyte	Result	RL
MTBE	ND	13
Benzene	750	13
Toluene	3,000	13
Ethylbenzene	1,200	13
m,p-Xylenes	4,700	13
o-Xylene	2,400	13

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-120

**Purgeable Aromatics by GC/MS**

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TB	Batch#:	80340
Lab ID:	164422-007	Sampled:	03/25/03
Matrix:	Water	Received:	03/26/03
Units:	ug/L	Analyzed:	03/27/03
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-120



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC209264	Batch#:	80340
Matrix:	Water	Analyzed:	03/27/03
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-120



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC209265	Batch#:	80340
Matrix:	Water	Analyzed:	03/27/03
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	77-130
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-120



Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC209403	Batch#:	80377
Matrix:	Water	Analyzed:	03/28/03
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-120

Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	80340
Units:	ug/L	Analyzed:	03/27/03
Diln Fac:	1.000		

Type: BS Lab ID: QC209262

Analyte	Spiked	Result	%REC	Limits
Benzene	50.00	48.63	97	76-120
Toluene	50.00	50.71	101	79-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	77-130
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-120

Type: BSD Lab ID: QC209263

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	50.00	47.46	95	76-120	2	20
Toluene	50.00	50.47	101	79-120	0	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	94	77-130
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-120

Purgeable Aromatics by GC/MS

Lab #:	164422	Location:	2801 MacArthur Blvd.
Client:	APA Fund Ltd	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	80377
Units:	ug/L	Analyzed:	03/28/03
Diln Fac:	1.000		

Type: BS Lab ID: QC209401

Analyte	Spiked	Result	%REC	Limits
Benzene	50.00	40.02	80	76-120
Toluene	50.00	42.18	84	79-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	77-130
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-120

Type: BSD Lab ID: QC209402

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	50.00	41.67	83	76-120	4	20
Toluene	50.00	44.92	90	79-120	6	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	94	77-130
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-120