

August 19, 1999

Mr. Wesley Adams
City Engineer
950 West Mall Square, Room 110
Alameda, California 94501

RE: Underground Storage Tank Location Oversight Report – Supplement
Dale's Bar, Main Street and Singleton Avenue, Alameda, California
ACC Project No. 99-6209-014.01

Dear Mr. Adams:

Enclosed please find three copies of the Supplement to the Underground Storage Tank Location Oversight Report for the site previously occupied by Dale's Bar, Main Street and Singleton Avenue, Alameda, California (Figure 1). The goals of this investigation were to: 1) obtain grab groundwater samples in order to characterize groundwater conditions at the site, 2) to determine if any impact to groundwater has migrated off site, 3) sample stockpiled soil located approximately 500 feet north of the site to characterize the soil for potential use at the site, and 4) report the findings in a letter report to the City of Alameda (Client).

In addition, ACC collected one soil sample near a region at the site identified in a previous investigation to contain petroleum hydrocarbons. The purpose of this sample was to confirm the previous results and determine the spatial extent of impact.

BACKGROUND

The subject site is located on the corner of Singleton Avenue and Main Street at the western boundary of the Greenbelt Property. The site was formerly occupied by a gas station, which reportedly may have contained up to seven gasoline, used oil, and virgin oil underground storage tanks (USTs), and was most recently occupied by Dale's Bar. The building which housed the bar has been demolished and currently only part of the concrete slab remains. On behalf of the Client, ACC previously conducted oversight for excavation activities related to the location and identification of suspect USTs and one hydraulic lift. In addition, ACC collected soil samples from various locations about the site to characterize subsurface soil conditions and to delineate the spatial extent of soil impacted by petroleum hydrocarbons. For the current investigation, ACC advanced five exploratory soil borings to determine if petroleum hydrocarbons originating from former and existing USTs have impacted shallow groundwater, and if impacted groundwater has migrated off site.

FIELD ACTIVITIES

Grab Groundwater Sampling

Field work was performed by ACC on August 13, 1999. Five exploratory soil borings were advanced at locations illustrated on Figure 2. Borings were advanced using a pneumatically-driven direct push sampling tool equipped with 1.5-inch inside-diameter stainless steel rods. The lead rod was equipped with a disposable sacrifice tip backed by a 2-foot stainless steel screen. Once the lead rod was advanced to the zone of first-encountered water (8 to 10 feet below ground surface), a push rod was advanced down the center of the boring and the exterior rods were simultaneously withdrawn, exposing the steel screen to the formation. Grab groundwater samples were collected using a dedicated, stainless steel bailer attached to new string for each sample. Water samples were transferred to 40-milliliter VOA vials and 1-liter amber bottles. Samples were identified with adhesive labels and stored in a pre-chilled cooler during transfer to Chromalab, Inc. (Chromalab), a state-certified analytical laboratory, following standard chain of custody protocol. Grab groundwater samples were analyzed for total petroleum hydrocarbons as gas (TPHg), benzene, toluene, ethylbenzene and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Methods 8015 and 8020, and for total extractable petroleum hydrocarbons (TEPH) as diesel and motor oil by EPA Method 8015 Modified.

Soil Sampling

One soil sample was collected from the subject site to confirm analytical results from samples previously obtained by ACC. During previous operations at the site related to identification and location of two USTs, ACC collected a soil sample near the edge of the concrete pad in the vicinity of a former hydraulic hoist. Analytical results reported a concentration of up to 610 parts per million (ppm) diesel, up to 2,800 ppm motor oil, and up to 130 ppm TPHg. ACC collected a confirmation soil sample from 10 feet away at approximately the same depth (5 feet below ground surface).

At the request of the Client, ACC sampled a nearby soil pile to profile the material for possible later use at the subject site. Sampling protocol consisted of filling four brass sleeves with material collected at four representative points along the pile. Once filled, the brass sleeves were capped with Teflon and plastic end caps. The samples were each assigned a unique, individual sample number, placed in a pre-chilled cooler, and transferred following standard chain of custody protocol to Chromalab. The four samples were composited by the laboratory into one sample and analyzed for TEPH by EPA Method 8015 Modified, and for 17 California Assessment Metals (CAM 17) by EPA Method 6010.

ANALYTICAL RESULTS

Analytical results indicated detectable levels of TPHg, BTEX constituents, and diesel-range hydrocarbons in grab groundwater samples and various CAM 17 metals in samples taken from the soil pile north of the subject site. TPHg concentrations in water ranged from nondetect to 100 parts per billion (ppb). BTEX concentrations were nondetect to 2 ppb total xylenes in sample SB-5. No benzene was reported in any of the grab groundwater samples. Concentrations of diesel-range hydrocarbons ranged from 150 ppb to 240 ppb. MTBE was not detected. Analytical results of grab groundwater samples are summarized in Table 1.

One soil sample was taken at the subject site (soil boring SB-5 at a depth of 5 feet bgs) and analyzed for TEPH as diesel and motor oil. Neither constituent was detected above the laboratory reporting limits of 1 ppm and 50 ppm, respectively.

Detectable concentrations of diesel, motor oil and several CAM 17 metals were reported in samples taken from the soil pile located north of the subject site. Motor oil was detected at a concentration of 2,000 ppm, and diesel fuel at a concentration of 330 ppm. CAM 17 and TEPH analytical results are summarized in Table 2. All laboratory analytical results and chain of custody records are attached.

TABLE 1 - GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS

Sample ID	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Diesel	Motor Oil	MTBE
SB-1	100	<0.5	<0.5	<0.5	<0.5	230*	<640	<5.0
SB-2	<50	<0.5	<0.5	<0.5	<0.5	---	---	<5.0
SB-4	<50	<0.5	<0.5	<0.5	<0.5	150*	<630	<5.0
SB-5	<50	<0.5	1.7	0.83	2.0	240*	<610	<5.0

Notes: All results reported in micrograms per liter (µg/L), approximately equal to parts per billion (ppb)
 --- Not analyzed
 < Sample tested below the laboratory detection limit indicated
 * Hydrocarbon reported does not match the laboratory diesel standard

TABLE 2 - SUMMARY OF CAM 17 METALS AND TEPH

Constituent	SP(1-4)	Residential PRG	Northbay Average**
Antimony	<2.0	30	1.3-101
Arsenic	5.7	21	16-65
Barium	230	5,200	500
Beryllium	<0.5	150	<1
Cadmium	<0.5	9.0*	---
Chromium	46	210	100-700
Cobalt	7.9	3,300	15-70
Copper	81	2,800	50-300
Lead	94	130*	30-300
Mercury	0.53	22	0.082-0.13
Molybdenum	<1.0	370	<3
Nickel	44	150*	30-200
Selenium	<2.0	370	0.5
Silver	<1.0	370	---
Thallium	<1.0	6.0	---
Vanadium	25	520	150-500
Zinc	140	22,000	120-510
Diesel	330	---	---
Motor Oil	2,000	---	---

Notes: All results are in milligrams per kilogram (mg/kg) approximately equal to parts per million (ppm)
 < Not detected above laboratory reporting limit indicated
 * California Modified Preliminary Remediation Goal
 ** According to United States Geologic Survey Professional Paper 1270

DISCUSSION

The scope of work described herein was intended to determine if shallow groundwater at the site has been impacted from existing and former USTs, and if constituents of concern have migrated off site. Additionally, ACC collected soil samples from an off site soil pile to characterize the soil for possible use at the site

Reported concentrations of petroleum hydrocarbons in grab groundwater samples indicate that a minor, residual impact remains at the site. However, this impact is largely limited to diesel-range

hydrocarbons which are unlikely to pose a significant threat to human health or the environment. Groundwater quality is believed to be poor in the region due to the site's proximity to the Oakland Estuary and San Francisco Bay, and recharge in the temporary soil borings was extremely slow. Analytical results indicate that the hydrocarbons reported do not match the laboratory standard for diesel fuel. ACC believes that these diesel-range constituents represent degraded motor oil, and as such possess a low potential for further migration in shallow groundwater. Furthermore, extremely low levels of BTEX constituents indicate that diesel fuel is not present in high concentrations at the site.

Analytical results from the soil pile located near the subject site reported detectable concentrations of several CAM 17 metals and diesel and motor oil. Concentrations of metals are indicative of naturally occurring background levels, and all metal concentrations are well below the residential preliminary remediation goals (PRGs) set by the California EPA, Region IX. Furthermore, the concentrations are similar to levels in soil at Dale's Bar as determined by a previous subsurface investigation by ACC. ACC believes the concentration of motor oil (2,000 ppm) to be anomalous and probably due to the presence of asphalt fragments in the soil. The stockpiles soil should be resampled prior to being used as backfill material.

One soil sample was taken at Dale's Bar from 5 feet bgs to investigate an area previously identified to contain elevated levels of petroleum hydrocarbons. Analytical results reported no detectable concentrations of diesel or motor oil, indicating that the impact is limited to a zone which was likely formerly occupied by a UST.

Mr. Wesley Adams
August 19, 1999
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CONCLUSIONS

Based on analytical results and field activities, ACC concludes:

- A minor, residual impact to shallow groundwater remains at the site;
- The first-encountered water bearing zone provides a low volume of poor-quality groundwater which is not likely to be utilized;
- The primary constituent of concern is likely degraded motor oil reported as diesel-range hydrocarbons, which possesses a low migration potential and is unlikely to adversely affect human health or the environment;
- Concentrations of metals reported in the soil pile located near the subject site are all well below residential PRGs and represent background conditions;
- The zone of impacted soil formerly identified at the subject site is restricted to a zone immediately adjacent to the former USTs; and
- ACC is not aware of any constituent of concern that would require soil to be disposed at a Class I or Class II facility.

If you have any questions regarding this letter or the findings of the work, please contact me at (510) 638-8400.

Sincerely,

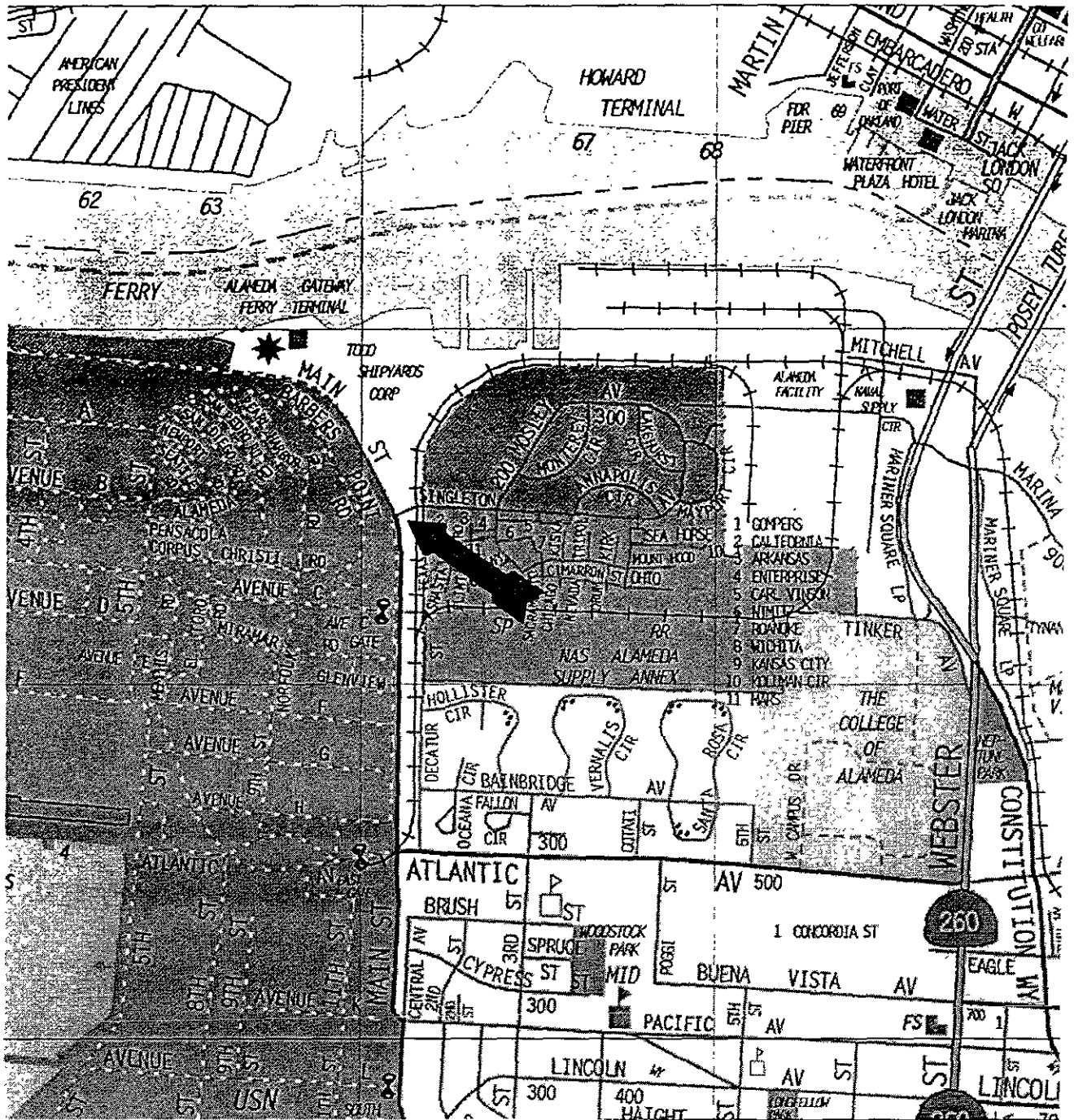
Neil Doran
Staff Geologist

/nhd:drd

Attachments



David DeMent, RG
Senior Geologist



SOURCE Thomas Guide CD ROM, 1997

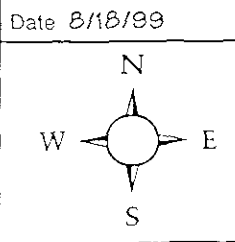
Title: Site Location Map
Main Street and Singleton Avenue
Alameda, California

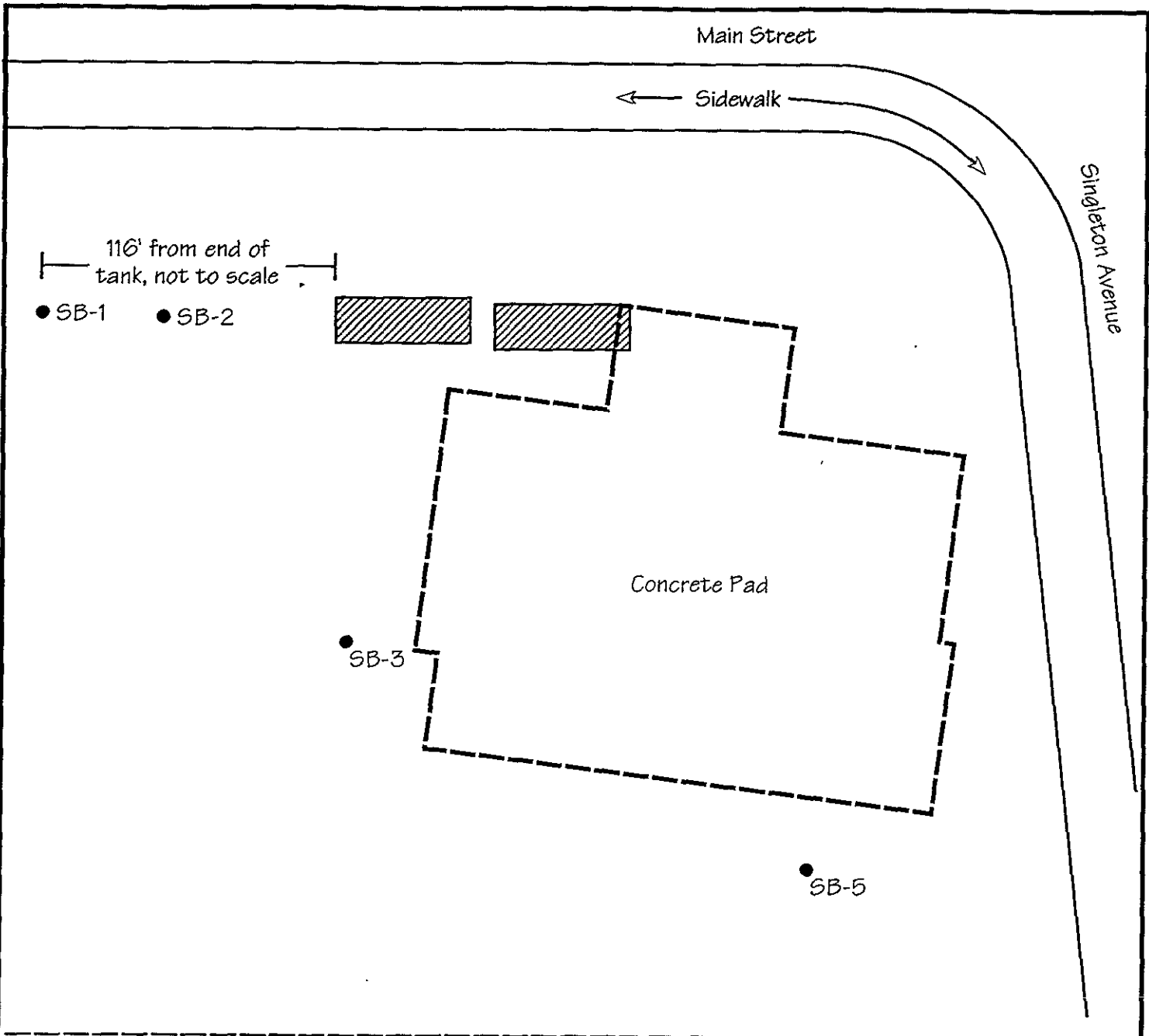
Figure Number 1 Scale 1" = 1/4 Mile

Project Number 6209-014.01 Drawn By NHD

A.C.C
ENVIRONMENTAL
CONSULTANTS

7977 Capwe" Drive, Suite 100
Oakland, California 94627
E10) 638-8400 Fax 1510, 638 8404





Approximate Location of Former Railroad

Legend

- SB-5 - ACC Soil Boring and Sample Location
- ▨ - Location of 6,000-gallon USTs
- SB-4

Cinder Block Wall

Title: Site Plan and Sample Locations
Main St. and Singleton Ave.
Alameda, California

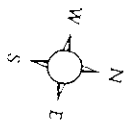
Figure No 2 Date 8/18/99

Drawn By NHD Scale: 1" = 20'

Project No 6209-014.01

ACC Environmental Consultants
7977 Cabwell Drive, Suite 100
Oakland, California 94621

(510)838-8400 Fax (510)838-8404



CHROMALAB, INC.
Environmental Services (SDB)

Submission #: 1999-08-0204

Date: August 18, 1999

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

Attn.: Mr. Dave DeMent

Project: 6209.014.01
Dale's Bar

Dear Mr. DeMent,

Attached is our report for your samples received on Friday August 13, 1999.
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after September 12, 1999
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919.

Sincerely,



Pierre Monette

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

Total Extractable Petroleum Hydrocarbons (TEPH)

ACC Environmental Consultants	<input checked="" type="checkbox"/> 7977 Capwell Drive, Suite 100 Oakland, CA 94621
Attn: Dave DeMent	Phone: (510) 638-8400 Fax: (510) 638-8404
Project #: 6209.014.01	Project: Dale's Bar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SB3-5	Soil	08/13/1999 10:15	2
SB-1	Water	08/13/1999 09:00	3
SB-4	Water	08/13/1999 11:00	5
SB-5	Water	08/13/1999 11:30	6

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: SB3-5	Lab Sample ID: 1999-08-0204-002
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 10:15	Extracted: 08/16/1999 09:11
Matrix: Soil	QC-Batch: 1999/08/16-01.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	08/17/1999 13:19	
Motor Oil	ND	50	mg/Kg	1.00	08/17/1999 13:19	
Surrogate(s) o-Terphenyl	66.1	60-130	%	1.00	08/17/1999 13:19	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: SB-1	Lab Sample ID: 1999-08-0204-003
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 09:00	Extracted: 08/16/1999 17:18
Matrix: Water	QC-Batch: 1999/08/16-03.10
Sample/Analysis Flag: rl (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	230	64	ug/L	1.28	08/17/1999 14:06	ndp
Motor Oil	ND	640	ug/L	1.28	08/17/1999 14:06	
Surrogate(s) o-Terphenyl	99.5	60-130	%	1.28	08/17/1999 14:06	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: SB-4	Lab Sample ID: 1999-08-0204-005
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 11:00	Extracted: 08/16/1999 17:18
Matrix: Water	QC-Batch: 1999/08/16-03.10
Sample/Analysis Flag: rl (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	150	83	ug/L	1.27	08/17/1999 14:54	ndp
Motor Oil	ND	630	ug/L	1.27	08/17/1999 14:54	
Surrogate(s) o-Terphenyl	60.9	60-130	%	1.27	08/17/1999 14:54	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: SB-5	Lab Sample ID: 1999-08-0204-006
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 11:30	Extracted: 08/16/1999 17:18
Matrix: Water	QC-Batch: 1999/08/16-03.10
Sample/Analysis Flag: rl (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	240	61	ug/L	1.22	08/17/1999 15:42	ndp
Motor Oil	ND	610	ug/L	1.22	08/17/1999 15:42	
Surrogate(s) o-Terphenyl	90.5	60-130	%	1.22	08/17/1999 15:42	

1220 Quarry Lane * Pleasanton, CA 94568-4756

Telephone (925) 484-1919 * Facsimile (925) 484-1086

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Batch QC Report
 Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Water	QC Batch # 1999/08/16-03.10
MB: 1999/08/16-03.10-001		Date Extracted: 08/16/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	08/17/1999 02:50	
Motor Oil	ND	500	ug/L	08/17/1999 02:50	
Surrogate(s)					
o-Terphenyl	83.5	60-130	%	08/17/1999 02:50	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Batch QC Report
 Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Soil	QC Batch # 1999/08/16-01.10
MB: 1999/08/16-01.10-001		Date Extracted: 08/16/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	08/17/1999 14:18	
Motor Oil	ND	50	mg/Kg	08/17/1999 14:18	
Surrogate(s)					
o-Terphenyl	85.0	60-130	%	08/17/1999 14:18	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: **ACC Environmental Consultants**
 Attn: Dave DeMent

Test Method: 8015m
 Prep Method: 3510/8015M
 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)		Water	QC Batch # 1999/08/16-03.10
LCS:	1999/08/16-03.10-002	Extracted: 08/16/1999 09:00	Analyzed: 08/17/1999 09:13
LCSD:	1999/08/16-03.10-003	Extracted: 08/16/1999 09:00	Analyzed: 08/17/1999 10:01

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	766	965	1250	1250	61.3	77.2	23.0	60-130	25		
Surrogate(s) o-Terphenyl	16.3	17.9	20.0	20.0	81.5	89.5		60-130			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants
 Attn: Dave DeMent

Test Method: 8015m
 Prep Method: 3510/8015M
 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 1999/08/16-01.10
LCS: 1999/08/16-01.10-002	Extracted: 08/16/1999 09:00	Analyzed: 08/17/1999 15:19
LCSD: 1999/08/16-01.10-003	Extracted: 08/16/1999 09:00	Analyzed: 08/17/1999 15:51

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	32.0	27.7	41.7	41.7	76.7	66.4	14.4	60-130	25		
Surrogate(s) o-Terphenyl	21.0	18.9	20.0	20.0	105.0	94.5		60-130			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants
Attn: Dave DeMent

Test Method: 8015m
Prep Method: 3510/8015M
3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analysis Flags

rl

Reporting limits raised due to insufficient sample volume.

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

Date: August 19, 1999

ACC Environmental Consultants

7977 Capwell Drive, Suite 100

Oakland, CA 94621

Attn.: Mr. Dave DeMent

Project: 6209.014.01

Dale's Bar

Dear Mr. DeMent,

Attached is our report for your samples received on Friday August 13, 1999. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after September 12, 1999 unless you have requested otherwise. We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

Sincerely,



Pierre Monette

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants
 Attn.: Dave DeMent

Test Method: 8015m
 Prep Method: 3550/8015M
 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: SP-1,2,3,4	Lab Sample ID: 1999-08-0204-001
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999	Extracted: 08/17/1999 08:31
Matrix: Soil	QC-Batch: 1999/08/17-01.10
Sample/Analysis Flag: shc (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	330	20	mg/Kg	20.00	08/19/1999 12:18	ld
Motor Oil	2000	1000	mg/Kg	20.00	08/19/1999 12:18	
Surrogate(s) o-Terphenyl	152.6	60-130	%	20.00	08/19/1999 12:18	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

Gas/BTEX and MTBE

ACC Environmental Consultants	✉ 7977 Capwell Drive, Suite 100 Oakland, CA 94621
Attn: Dave DeMent	Phone: (510) 638-8400 Fax: (510) 638-8404
Project #: 6209.014.01	Project: Dale's Bar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SB-1	Water	08/13/1999 09:00	3
SB-2	Water	08/13/1999 10:00	4
SB-4	Water	08/13/1999 11:00	5
SB-5	Water	08/13/1999 11:30	6

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: SB-1	Lab Sample ID: 1999-08-0204-003
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 09:00	Extracted: 08/17/1999 19:15
Matrix: Water	QC-Batch: 1999/08/17-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	100	50	ug/L	1.00	08/17/1999 19:15	g
Benzene	ND	0.50	ug/L	1.00	08/17/1999 19:15	
Toluene	ND	0.50	ug/L	1.00	08/17/1999 19:15	
Ethyl benzene	ND	0.50	ug/L	1.00	08/17/1999 19:15	
Xylene(s)	ND	0.50	ug/L	1.00	08/17/1999 19:15	
MTBE	ND	5.0	ug/L	1.00	08/17/1999 19:15	
Surrogate(s)						
Trifluorotoluene	102.2	58-124	%	1.00	08/17/1999 19:15	
4-Bromofluorobenzene-FID	87.5	50-150	%	1.00	08/17/1999 19:15	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: SB-2	Lab Sample ID: 1999-08-0204-004
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 10:00	Extracted: 08/16/1999 21:43
Matrix: Water	QC-Batch: 1999/08/16-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/16/1999 21:43	
Benzene	ND	0.50	ug/L	1.00	08/16/1999 21:43	
Toluene	ND	0.50	ug/L	1.00	08/16/1999 21:43	
Ethyl benzene	ND	0.50	ug/L	1.00	08/16/1999 21:43	
Xylene(s)	ND	0.50	ug/L	1.00	08/16/1999 21:43	
MTBE	ND	5.0	ug/L	1.00	08/16/1999 21:43	
Surrogate(s)						
Trifluorotoluene	89.2	58-124	%	1.00	08/16/1999 21:43	
4-Bromofluorobenzene-FID	81.7	50-150	%	1.00	08/16/1999 21:43	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: SB-4	Lab Sample ID: 1999-08-0204-005
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 11:00	Extracted: 08/17/1999 19:42
Matrix: Water	QC-Batch: 1999/08/17-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/17/1999 19:42	
Benzene	ND	0.50	ug/L	1.00	08/17/1999 19:42	
Toluene	ND	0.50	ug/L	1.00	08/17/1999 19:42	
Ethyl benzene	ND	0.50	ug/L	1.00	08/17/1999 19:42	
Xylene(s)	ND	0.50	ug/L	1.00	08/17/1999 19:42	
MTBE	ND	5.0	ug/L	1.00	08/17/1999 19:42	
Surrogate(s)						
Trifluorotoluene	94.3	58-124	%	1.00	08/17/1999 19:42	
Trifluorotoluene-FID	87.9	58-124	%	1.00	08/17/1999 19:42	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: SB-5	Lab Sample ID: 1999-08-0204-006
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999 11:30	Extracted: 08/17/1999 18:58
Matrix: Water	QC-Batch: 1999/08/17-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/17/1999 18:58	
Benzene	ND	0.50	ug/L	1.00	08/17/1999 18:58	
Toluene	1.7	0.50	ug/L	1.00	08/17/1999 18:58	
Ethyl benzene	0.83	0.50	ug/L	1.00	08/17/1999 18:58	
Xylene(s)	2.0	0.50	ug/L	1.00	08/17/1999 18:58	
MTBE	ND	5.0	ug/L	1.00	08/17/1999 18:58	
Surrogate(s)						
Trifluorotoluene	105.4	58-124	%	1.00	08/17/1999 18:58	
4-Bromofluorobenzene-FID	106.1	50-150	%	1.00	08/17/1999 18:58	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Batch QC Report
Gas/BTEX and MTBE

Method Blank

Water

QC Batch # 1999/08/16-01.01

MB: 1999/08/16-01.01-001

Date Extracted: 08/16/1999 06:37

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	08/16/1999 06:37	
Benzene	ND	0.5	ug/L	08/16/1999 06:37	
Toluene	ND	0.5	ug/L	08/16/1999 06:37	
Ethyl benzene	ND	0.5	ug/L	08/16/1999 06:37	
Xylene(s)	ND	0.5	ug/L	08/16/1999 06:37	
MTBE	ND	5.0	ug/L	08/16/1999 06:37	
Surrogate(s)					
Trifluorotoluene	83.4	58-124	%	08/16/1999 06:37	
4-Bromofluorobenzene-FID	69.0	50-150	%	08/16/1999 06:37	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn.: Dave DeMent

Prep Method: 5030

Batch QC Report
Gas/BTEX and MTBE

Method Blank	Water	QC Batch # 1999/08/17-01.01
MB: 1999/08/17-01.01-001		Date Extracted: 08/17/1999 15:39

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	08/17/1999 15:39	
Benzene	ND	0.5	ug/L	08/17/1999 15:39	
Toluene	ND	0.5	ug/L	08/17/1999 15:39	
Ethyl benzene	ND	0.5	ug/L	08/17/1999 15:39	
Xylene(s)	ND	0.5	ug/L	08/17/1999 15:39	
MTBE	ND	5.0	ug/L	08/17/1999 15:39	
Surrogate(s)					
Trifluorotoluene	99.4	58-124	%	08/17/1999 15:39	
Trifluorotoluene-FID	92.0	58-124	%	08/17/1999 15:39	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn: Dave DeMent

Prep Method: 5030

Batch QC Report
Gas/BTEX and MTBE

Method Blank

Water

QC Batch # 1999/08/17-01.03

MB: 1999/08/17-01.03-001

Date Extracted: 08/18/1999 07:39

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	08/18/1999 07:39	
Benzene	ND	0.5	ug/L	08/18/1999 07:39	
Toluene	ND	0.5	ug/L	08/18/1999 07:39	
Ethyl benzene	ND	0.5	ug/L	08/18/1999 07:39	
Xylene(s)	ND	0.5	ug/L	08/18/1999 07:39	
MTBE	ND	5.0	ug/L	08/18/1999 07:39	
Surrogate(s)					
4-Bromofluorobenzene	120.2	50-150	%	08/18/1999 07:39	
Trifluorotoluene	121.4	58-124	%	08/18/1999 07:39	
4-Bromofluorobenzene-FID	112.6	50-150	%	08/18/1999 07:39	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn: Dave DeMent

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 1999/08/16-01.01

LCS: 1999/08/16-01.01-002

Extracted: 08/16/1999 10:01

Analyzed: 08/16/1999 10:01

LCSD: 1999/08/16-01.01-003

Extracted: 08/16/1999 07:56

Analyzed: 08/16/1999 07:56

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	522	551	500	500	104.4	110.2	5.4	75-125	20		
Benzene	99.6	106	100.0	100.0	99.6	106.0	6.2	77-123	20		
Toluene	102	105	100.0	100.0	102.0	105.0	2.9	78-122	20		
Ethyl benzene	96.1	102	100.0	100.0	96.1	102.0	6.0	70-130	20		
Xylene(s)	284	300	300	300	94.7	100.0	5.4	75-125	20		
Surrogate(s)											
Trifluorotoluene	527	524	500	500	105.4	104.8		58-124			
4-Bromofluorobenzene-FI	476	519	500	500	95.2	103.8		50-150			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn: Dave DeMent

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 1999/08/17-01.01

LCS: 1999/08/17-01.01-002

Extracted: 08/17/1999 09:23

Analyzed: 08/17/1999 09:23

LCSD: 1999/08/17-01.01-003

Extracted: 08/17/1999 10:52

Analyzed: 08/17/1999 10:52

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	463	518	500	500	92.6	103.6	--	75-125	20		
Benzene	109	108	100.0	100.0	109.0	108.0	0.9	77-123	20		
Toluene	108	106	100.0	100.0	108.0	106.0	1.9	78-122	20		
Ethyl benzene	105	108	100.0	100.0	105.0	108.0	2.8	70-130	20		
Xylene(s)	311	323	300	300	103.7	107.7	3.8	75-125	20		
Surrogate(s)											
4-Bromofluorobenzene	501	491	500	500	100.2	98.2		50-150			
Trifluorotoluene	498	539	500	500	99.6	107.8		58-124			
4-Bromofluorobenzene-FI	499	491	500	500	99.8	98.2		50-150			
Trifluorotoluene-FID	525	539	500	500	105.0	107.8		58-124			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn: Dave DeMent

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 1999/08/17-01.03

LCS: 1999/08/17-01.03-002

Extracted: 08/17/1999 16:38

Analyzed: 08/17/1999 16:38

LCSD: 1999/08/17-01.03-003

Extracted: 08/17/1999 17:34

Analyzed: 08/17/1999 17:34

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	562	580	500	500	112.4	116.0	3.2	75-125	20		
Benzene	85.3	96.8	100.0	100.0	85.3	96.8	12.6	77-123	20		
Toluene	86.0	97.2	100.0	100.0	86.0	97.2	12.2	78-122	20		
Ethyl benzene	83.5	93.2	100.0	100.0	83.5	93.2	11.0	70-130	20		
Xylene(s)	243	275	300	300	81.0	91.7	12.4	75-125	20		
Surrogate(s)											
4-Bromofluorobenzene	436	557	500	500	87.2	111.4		50-150			
Trifluorotoluene	477	540	500	500	95.4	108.0		58-124			
4-Bromofluorobenzene-FI	593	557	500	500	118.6	111.4		50-150			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 8015M
8020

Attn: Dave DeMent

Prep Method: 5030

Legend & Notes

Gas/BTEX and MTBE

Analyte Flags

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants
Attn: Dave DeMent

Test Method: 8015m
Prep Method: 3510/8015M
3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analysis Flags

rl

Reporting limits raised due to insufficient sample volume.

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CHROMALAB, INC.
Environmental Services (SDB)

Submission #: 1999-08-0204

CAM 17 Metals

ACC Environmental Consultants

✉ 7977 Capwell Drive, Suite 100
Oakland, CA 94621

Attn: Dave DeMent

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 6209.014.01

Project: Dale's Bar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SP-1,2,3,4	Soil	08/13/1999	1

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 6010B
7471A

Attn.: Dave DeMent

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SP-1,2,3,4	Lab Sample ID: 1999-08-0204-001
Project: 6209.014.01 Dale's Bar	Received: 08/13/1999 17:53
Sampled: 08/13/1999	Extracted: 08/16/1999 13:08
Matrix: Soil	QC-Batch: 1999/08/16-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	08/17/1999 11:34	
Arsenic	5.7	1.0	mg/Kg	1.00	08/17/1999 11:34	
Barium	230	1.0	mg/Kg	1.00	08/17/1999 11:34	
Beryllium	ND	0.50	mg/Kg	1.00	08/17/1999 11:34	
Cadmium	ND	0.50	mg/Kg	1.00	08/17/1999 11:34	
Chromium	46	1.0	mg/Kg	1.00	08/17/1999 11:34	
Cobalt	7.9	1.0	mg/Kg	1.00	08/17/1999 11:34	
Copper	81	1.0	mg/Kg	1.00	08/17/1999 11:34	
Lead	94	1.0	mg/Kg	1.00	08/17/1999 11:34	
Molybdenum	ND	1.0	mg/Kg	1.00	08/17/1999 11:34	
Nickel	44	1.0	mg/Kg	1.00	08/17/1999 11:34	
Selenium	ND	2.0	mg/Kg	1.00	08/17/1999 11:34	
Silver	ND	1.0	mg/Kg	1.00	08/17/1999 11:34	
Thallium	ND	1.0	mg/Kg	1.00	08/17/1999 11:34	
Vanadium	25	1.0	mg/Kg	1.00	08/17/1999 11:34	
Zinc	140	1.0	mg/Kg	1.00	08/17/1999 11:34	
Mercury	0.53	0.050	mg/Kg	1.00	08/16/1999 14:37	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 6010B
7471A

Attn.: Dave DeMent

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 1999/08/16-03.16
MB: 1999/08/16-03.16-005		Date Extracted: 08/16/1999 13:11

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	08/16/1999 14:21	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 6010B
7471A

Attn.: Dave DeMent

Prep Method: 3050B
7471ABatch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 1999/08/16-03.15
MB: 1999/08/16-03.15-022		Date Extracted: 08/16/1999 13:08

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	08/17/1999 10:41	
Arsenic	ND	1.0	mg/Kg	08/17/1999 10:41	
Barium	ND	1.0	mg/Kg	08/17/1999 10:41	
Beryllium	ND	0.50	mg/Kg	08/17/1999 10:41	
Cadmium	ND	0.50	mg/Kg	08/17/1999 10:41	
Chromium	ND	1.0	mg/Kg	08/17/1999 10:41	
Cobalt	ND	1.0	mg/Kg	08/17/1999 10:41	
Copper	ND	1.0	mg/Kg	08/17/1999 10:41	
Lead	ND	1.0	mg/Kg	08/17/1999 10:41	
Molybdenum	ND	1.0	mg/Kg	08/17/1999 10:41	
Nickel	ND	1.0	mg/Kg	08/17/1999 10:41	
Selenium	ND	2.0	mg/Kg	08/17/1999 10:41	
Silver	ND	1.0	mg/Kg	08/17/1999 10:41	
Thallium	ND	1.0	mg/Kg	08/17/1999 10:41	
Vanadium	ND	1.0	mg/Kg	08/17/1999 10:41	
Zinc	ND	1.0	mg/Kg	08/17/1999 10:41	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 6010B
7471A

Attn: Dave DeMent

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 1999/08/16-03.16
LCS: 1999/08/16-03.16-006	Extracted: 08/16/1999 13:11	Analyzed: 08/16/1999 14:22
LCSD: 1999/08/16-03.16-007	Extracted: 08/16/1999 13:11	Analyzed: 08/16/1999 14:23

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.518	0.544	0.500	0.500	103.2	108.8	5.3	85-115	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0204

To: ACC Environmental Consultants

Test Method: 6010B
7471A

Attn: Dave DeMent

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 1999/08/16-03.15

LCS: 1999/08/16-03.15-023

Extracted: 08/16/1999 13:08

Analyzed: 08/17/1999 10:45

LCSD: 1999/08/16-03.15-024

Extracted: 08/16/1999 13:08

Analyzed: 08/17/1999 10:48

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctr. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	92.8	92.8	100.0	100.0	92.8	92.8	0.0	80-120	20		
Arsenic	97.3	96.6	100.0	100.0	97.3	96.6	0.7	80-120	20		
Barium	95.5	93.8	100.0	100.0	95.5	93.8	1.8	80-120	20		
Beryllium	97.1	94.6	100.0	100.0	97.1	94.6	2.6	80-120	20		
Cadmium	95.3	93.8	100.0	100.0	95.3	93.8	1.6	80-120	20		
Chromium	96.5	95.7	100.0	100.0	96.5	95.7	0.8	80-120	20		
Cobalt	95.0	93.5	100.0	100.0	95.0	93.5	1.6	80-120	20		
Copper	98.9	95.4	100.0	100.0	98.9	95.4	1.6	80-120	20		
Lead	93.9	93.1	100.0	100.0	93.9	93.1	0.9	80-120	20		
Molybdenum	98.2	96.9	100.0	100.0	98.2	96.9	1.3	80-120	20		
Nickel	93.9	92.6	100.0	100.0	93.9	92.6	1.4	80-120	20		
Selenium	93.9	93.5	100.0	100.0	93.9	93.5	0.4	80-120	20		
Silver	96.6	95.1	100.0	100.0	96.6	95.1	1.6	80-120	20		
Thallium	96.8	95.5	100.0	100.0	96.8	95.5	1.4	80-120	20		
Vanadium	97.4	95.7	100.0	100.0	97.4	95.7	1.8	80-120	20		
Zinc	91.5	90.4	100.0	100.0	91.5	90.4	1.2	80-120	20		

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CHROMALAB, INC.

1220 Quarry Lane • Placenton, California 94566-4760
510/484-1919 • Facsimile 510/484-1088

Reference #: _____

Chain of Custody

Environmental Services (SDB) (DOJIS 1084)

DATE 8/13/99 PAGE 1 OF 1

PROJ MGR Dave DeMent
 COMPANY ACC
 ADDRESS _____
 SAMPLES (SIGNATURE) Neil Doan (PHONE NO.) 510-638-8400
 (FAX NO.) 8404

ANALYSIS REPORT

TPH-EPA 8015, 80201 <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) Diesel, Ethanol, B.M.O.	PURGEABLE HALOCARBONS, (HYOC) (EPA 8010)	VOLATILE ORGANICS (VOC) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE ISM 5520 B+F, E+F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8090)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	DWEL (SILC) DTCLP	<input type="checkbox"/> Barium <input type="checkbox"/> Pb (24 hr hold time for H2O)
--	--	------------------------	---	---	---------------------------------------	------------------------------	--	---	---	---	------------------------------------	---------------------------------------	------------	----------------------	--

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-EPA 8015, 80201 <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) Diesel, Ethanol, B.M.O.	PURGEABLE HALOCARBONS, (HYOC) (EPA 8010)	VOLATILE ORGANICS (VOC) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE ISM 5520 B+F, E+F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8090)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	DWEL (SILC) DTCLP	<input type="checkbox"/> Barium <input type="checkbox"/> Pb (24 hr hold time for H2O)	NUMBER OF CONTAINERS	
SP-1	8/13/99	12:00	Soil	Cold				X														1
SP-2		12:15						X														1
SP-3		12:30						X														1
SP-4		12:40						X														1
SB3-5	8/13/99	10:15	Soil	Cold				X														1
SB-1	8/13/99	09:00	H2O	HCl/Cold	X			X														4
SB-2		10:00	H2O	HCl/Cold	X			X														2
SB-4		11:00	H2O	HCl/Cold	X			X														4
SB-5		11:30	H2O	HCl/Cold	X			X														4

day TAT
2-hr TAT
x5 204

PROJECT INFORMATION

PROJECT NAME Dale's Bar
 PROJECT NUMBER 6209-01A-01
 P.O. # _____

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS _____
 HEAD SPACE _____
 TEMPERATURE _____
 CONFORMS TO RECORD _____

TAT STANDARD 5-DAY _____ 24 _____ 48 _____ 72 _____ OTHER _____

Reports: Routine Level 2 Level 3 Level 4 Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:
SP (1-4) on 5 day TAT.

RELINQUISHED BY 1. Neil Doan (SIGNATURE) (TIME) _____ (DATE) 8/13/99
 (PRINTED NAME) (DATE)
 COMPANY ACC

RECEIVED BY 1. [Signature] (SIGNATURE) (TIME) _____ (DATE) _____
 (PRINTED NAME) (DATE)
 COMPANY _____

RELINQUISHED BY 2. _____ (SIGNATURE) (TIME) _____ (DATE) _____
 (PRINTED NAME) (DATE)
 COMPANY _____

RECEIVED BY 2. _____ (SIGNATURE) (TIME) _____ (DATE) _____
 (PRINTED NAME) (DATE)
 COMPANY _____

RELINQUISHED BY 3. _____ (SIGNATURE) (TIME) _____ (DATE) _____
 (PRINTED NAME) (DATE)
 COMPANY _____

RECEIVED BY 3. _____ (SIGNATURE) (TIME) _____ (DATE) _____
 (PRINTED NAME) (DATE)
 COMPANY _____

COMPOSED