RO-2568

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ENVIRONMENTAL
CONSULTANTS

SUBSURFACE INVESTIGATION REPORT

August 21, 2002

1685 24th Street
Oakland, California

Prepared For:
Mr. Peter Sullivan
Peter Sullivan Associates
155 Montgomery Street, Suite 1600
San Francisco, California 94104

OAKLAND ▪ SACRAMENTO
SEATTLE ▪ LOS ANGELES

ACC Project Number 6470-017.01

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ACC Project Number 6470-017.01

Prepared for:

Mr. Peter Sullivan
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155 Montgomery Street, Suite 1600
San Francisco, California 94104

August 21, 2002

Prepared by: _____
Trevor Bausman
Project Administrator

Reviewed by: _____
David R. DeMent, RG, REA II
Environmental Division Manager

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 5674
STATE OF CALIFORNIA

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OAKLAND • LOS ANGELES • SACRAMENTO • SEATTLE

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SUBSURFACE INVESTIGATION REPORT

1685 24th Street
Oakland, California

1.0 INTRODUCTION

ACC Environmental Consultants Inc., (ACC), at the request of Peter Sullivan Associates, has prepared this Subsurface Investigation Report (Report). The Report describes work performed at 1685 24th Street located in Oakland, California (Site).

The goals of this investigation were to: 1) characterize soil and groundwater in the vicinity of the former underground storage tanks (USTs); 2) determine the degree and extent of suspect residual concentrations of gasoline and diesel fuel constituents in subsurface soils and groundwater, and 3) obtain additional data regarding soil conditions to help evaluate potential proposed site development costs.

The work performed included advancing a total of 7 Geoprobe® soil borings to depths ranging from 8 to 12 feet below ground surface (bgs) utilizing truck-mounted direct-push equipment. Grab groundwater samples were obtained from select exploratory soil boring at depths ranging from 6 to 8 feet bgs.

2.0 BACKGROUND

The subject property is owned by Pacific Pipe Company (PPC). The subject property is bounded by 24th Street to the north, Willow Street to the west, and PPC pipe storage yards to the east and south (Figure 1). Dames & Moore (D&M) in its September 1992 *Preliminary Environmental Review Report* stated that the general area was commercially developed since the 1900's. PPC owned and operated much of the current property since the 1940's.

From approximately 1966 to 1990, the subject property was utilized as a taxi maintenance facility. From 1990 to the present, automobile repair operations have been conducted at the site by Lee's Auto Shop. In April 1987, seven USTs were reportedly removed from the subject property. According to records obtained at the Oakland Fire Department Office of Emergency Services, three 1,000-gallon gasoline USTs, two 8,000-gallon USTs, and two 7,500-gallon USTs were permitted for the site.

3.0 FIELD PROCEDURES

A soil boring permit was obtained from the Alameda County Public Works Agency before drilling and sampling activities. The locations of the soil borings were marked with white paint, and Underground Service Alert was notified 48 hours prior to commencing work. In addition, the proposed soil boring locations were cleared by Geotech Utility Locating, a subsurface utility locating firm specializing in clearing exploratory soil borings on private property.

Soil sampling took place on August 2, and August 12, 2002. Soil borings TB-1, TB-2, and B25 through B29 were advanced using a truck mounted, hydraulically driven Geoprobe® sampling tool equipped with 2.0-inch inside diameter, clear acetate liners (four feet long) to depths of up to 12 feet bgs. All soil borings were continuously cored and selected soil samples were collected at representative depths to provide optimum information concerning subsurface soil conditions.

Soil borings TB-1 and TB-2 were advanced primarily to characterize soil and groundwater in the area of the seven vent lines and the estimated location of two of the 1,000-gallon gasoline USTs. Soil borings B25 through B29 were advanced adjacent to and downgradient of the four remaining USTs located within the Pacific Pipe storage yard. Select soil samples were collected for analysis and ACC obtained one grab groundwater sample per soil boring to further characterize first-encountered groundwater, generally observed at approximately 7.5 feet bgs.

A California Registered Geologist performed soil boring and sampling, and the subsurface materials in the soil borings were identified, classified and logged. The subsurface soil samples were obtained by coring continuously with a hydraulically or pneumatically driven Geoprobe® sampling tools and retrieving the soil encased in the clear, acetate liners. Upon removal from the sampler, each recovered soil sample was visually inspected and logged. Soil samples were logged and classified during drilling operations according to the Unified Soil Classification System (USCS). Soil boring lithologic logs and a USCS guide are included as Appendix 1. Select soil samples were screened with a calibrated ppbRAE photoionization detector (PID). The sampling probe and rods were pre-cleaned prior to use and between sample drives by washing them with a trisodium phosphate and potable water solution, a potable water rinse, and distilled water rinse.

The sample intervals selected for analysis were capped with Teflon tape and tight fitting plastic caps, labeled and stored in a pre-chilled, insulated container to be transported following chain of custody protocol to STL San Francisco, Inc. (formerly Chromalab), a state-certified analytical laboratory. Samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), total extractable petroleum hydrocarbons (TEPH) as diesel and motor oil by EPA Method 8015M, halogenated volatile organic compounds (HVOCs) by EPA Method 8021B/8260B, and total lead by EPA Method 6010B.

Grab groundwater samples were collected from the first encountered groundwater zone in select soil borings with the use of dedicated, disposable polyethylene bailers. The water samples were immediately transferred to laboratory-supplied containers, labeled, and placed in a pre-chilled, insulated container pending transport to STL San Francisco. Grab groundwater samples were analyzed for TPHg, BTEX, MTBE, and HVOCs by the EPA methods listed above.

Following drilling and sample collection, each soil boring location was abandoned with neat cement to just below the surface (2 to 3 inches), allowed to settle, and refilled. The surface of each soil boring location was then covered with soil or concrete and colored to match the surrounding material.

4.0 FINDINGS

4.1 Subsurface Conditions

The surface of the Site in the area of the investigation is covered with three to four inches of concrete or asphalt pavement underlain by approximately three to six inches of baserock. Subsurface soil conditions varied at the Site and determining fill soil versus native soils was difficult. Soils consisted of sand (SP) and silty sand (SM) from the surface to approximately 8 feet bgs adjacent to the taxi building in soil borings TB-1 and TB-2. Soils in the pipe storage yard (soil borings B25 through B29) consisted of silty sand (SM) to a depth of approximately five to six feet bgs. The sands were medium to fine grained, moderately sorted, light brown to yellow brown, loose to medium dense, damp, and exhibited medium to high estimated permeability. The first encountered saturated zone was observed at approximately seven to eight feet bgs. The silty sands were underlain by Bay Mud clays to 12 feet bgs, the depth of investigation. The olive green clays tended to be moderately to highly plastic, uniform, medium stiff, damp, and exhibited low estimated permeability.

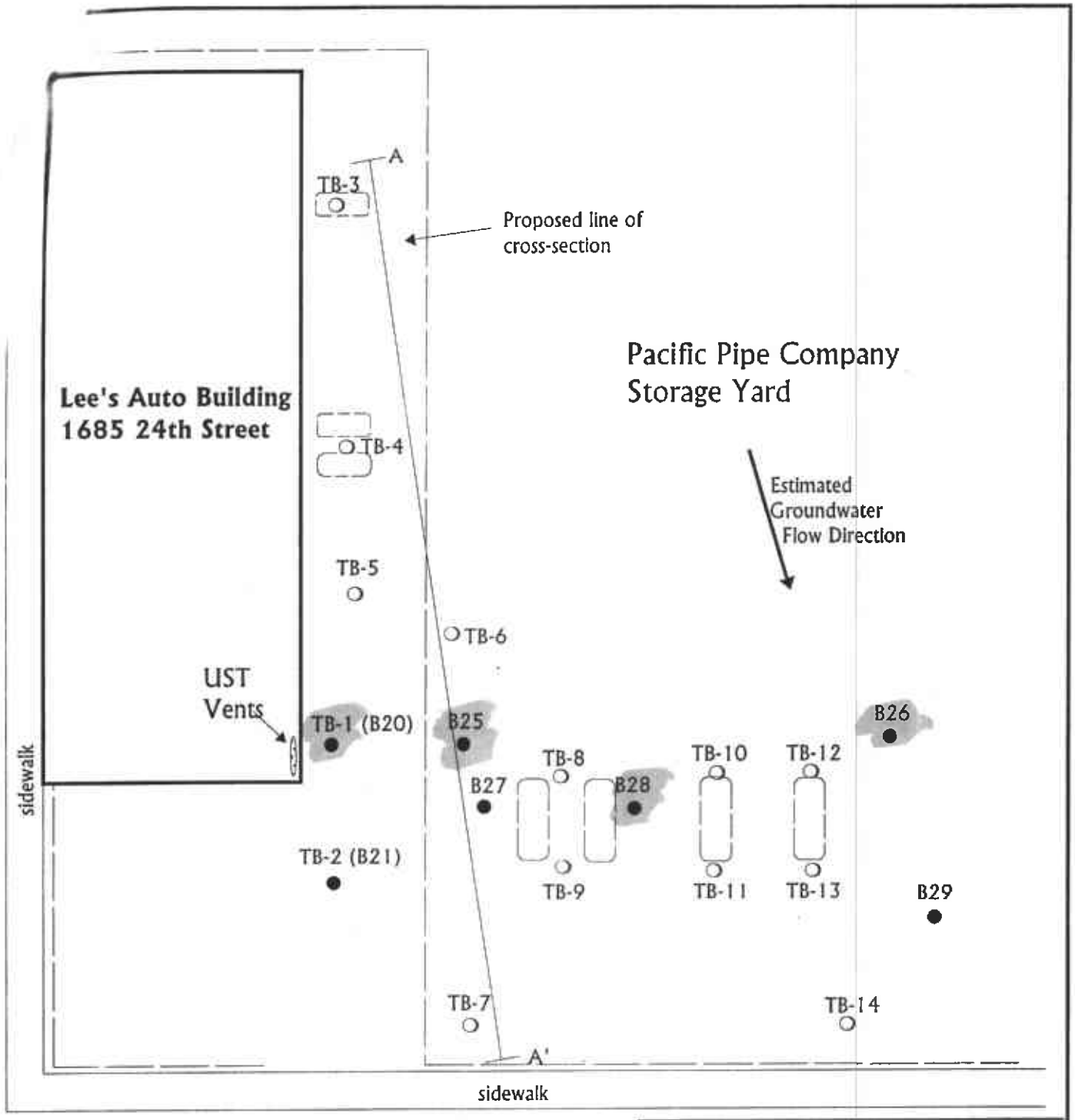
All soil borings were continuously cored to better characterize soils present at the site. Some elevated PID readings, characteristic odors, or soil discoloration were noted during sampling activities. Additional details are included in the soil boring lithologic logs in Appendix 1.

4.2 Analytical Results

Select soil samples from the soil borings were collected and submitted to STL San Francisco for analysis. TPHg was reported in three of the eight soil samples at concentrations ranging from nondetect (less than 1 ppm) to 190 ppm. The three soil samples with reportable TPHg concentrations were collected at depths of 7.5 to 8.0 feet bgs which is the depth of the estimated groundwater capillary fringe. TPHg was not reported above its reporting limit of 1 ppm and BTEX was not reported above its respective reporting limits in the other five soil samples analyzed. TPHg and BTEX analytical results in soil are summarized in Table 1. The concentration of total lead ranged from 3.2 to 39 ppm in two soil samples collected in fill at 4.0 feet bgs. Total lead analytical results in soil are summarized in Table 2.

Grab groundwater samples were collected in each soil boring and submitted to STL San Francisco for analysis. TPHg was reported at concentrations ranging from nondetect (less than 50 ppb) to 5,000 parts per billion (ppb). The TPHg reported in B25-W indicates free-phase floating product (free product) in the sample. BTEX concentrations were reported above their respective reporting limits in seven of the eight groundwater samples. TEPH as diesel was reported in two grab groundwater samples at concentrations ranging from 760 to 2,000 ppb. TPHg, BTEX, and MTBE analytical results are summarized in Table 3 and TEPH analytical results are summarized in Table 4.

HVOCs were reported above their respective reporting limits in the grab groundwater sample collected in soil boring TB-1. VOC analytical results are summarized in Table 5. A copy of the analytical results and chain of custody record is included as Appendix 2.



Legend

- TB-14 — Proposed Boring Locations
- B29 — Boring Locations
- Approximate Former UST Locations
- Fence Line

Map Source: Winter Construction Inc.

Title: Proposed Soil Boring Locations
1685 24th Street
Oakland, California

Figure Number: 2	Scale: 1" = 30'
Project No.: 6744-001.00	Drawn By: EJG
	Date: 4/7/03

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TABLE 1 – SOIL SAMPLE ANALYTICAL RESULTS - Gasoline

Date Sampled	Sample No.- Depth(bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/ kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
08/02/02	TB-1-7.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
08/02/02	TB-2-8.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
08/12/02	B25-4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
08/12/02	B25-8.0	170	4.6	17	3.8	16	0.62
08/12/02	B27-7.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
08/12/02	B28-4.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
08/12/02	B28-7.5	36	0.87	<0.62	<0.62	<0.62	<0.62
08/12/02	B29-8.0	190	<0.62	1.6	0.79	3.1	<0.62

Notes: mg/kg = milligrams per kilogram, equivalent to parts per million (ppm)
< indicates sample tested below the specified laboratory detection limit

TABLE 2 – SOIL SAMPLE ANALYTICAL RESULTS – Lead

Date Sampled	Sample No.- Depth (bgs)	Sample Depth (feet bgs)	Total Lead (mg/kg)
08/02/02	B25	4.0	3.2
08/02/02	B28	4.0	39

TABLE 3 – GROUNDWATER SAMPLE TPHg/BTEX/MTBE

Date Sampled	Sample No.	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
08/02/02	TB-1-W	5000	150	6.7	10	13	72
08/02/02	TB-2-W	<50	<0.50	<0.50	<0.50	<0.50	<5.0
08/12/02	B25-W	2,100,000	51,000	160,000	31,000	130,000	<25,000
08/12/02	B26-W	970	3.7	32	18	100	<5.0
08/12/02	B27-W	870	4.8	2.8	1.8	7.2	<5.0
08/12/02	B28-W	4,600	180	<5.0	14	9.1	<50

Notes: µg/L = micrograms per liter, equivalent to parts per billion (ppb)

TABLE 4 – GROUNDWATER SAMPLE ANALYTICAL RESULTS - TEPH

Date Sampled	Sample No.	TEPH as Diesel (µg/L)	TEPH as Motor Oil (µg/L)	Lab Notes
08/02/02	TB-1-W	2,000	<560	ndp
08/12/02	B28-W	760	<570	ndp

Notes: ndp – Hydrocarbon reported does not match the pattern of our Diesel standard
< = analytical result below the specified laboratory detection limit

TABLE 5 – GROUNDWATER SAMPLE ANALYTICAL RESULTS - HVOCs

Date Sampled	Sample No.	PCE (µg/L)	TCE (µg/L)	DCE (µg/L)	All Other 8021B Analytes (µg/L)
08/02/02	TB-1-W	21	21	19	22.6

5.0 DISCUSSION

Subsurface soil and groundwater investigation was requested by the Client for due diligence purposes due to historical site and documented USTs at the site. ACC performed subsurface investigation in a two step fashion. Hydrogeology and the initial sample analytical results were evaluated and additional "step-out" soil boring locations were chosen based on the initial investigation findings. ACC is preparing a Phase I Environmental Site Assessment (ESA) for this property and the Phase I ESA will be submitted under separate cover.

ACC identified the former USTs as the primary environmental concern. In order to confirm suspect soil and groundwater impacts from the former USTs, ACC located and advanced seven exploratory soil borings to collect representative soil and grab groundwater samples. Soil boring TB-1 and TB-2 were advanced on August 2, 2002 and "step-out" soil borings B25 through B29 were advanced on August 12, 2002. Field indications of gasoline impact and elevated PID readings were evident in soil in soil boring TB-1 but were not noted in soil boring TB-2. TPHg was reported in the grab groundwater sample from soil boring TB-1 at 5,000 ppb with relatively minor associated BTEX. TEPH was reported in sample TB-1-W at 2,000 ppb. Groundwater was generally encountered at approximately 7.5 feet bgs.

With the exception of soil boring B25, soil and grab groundwater samples collected in the other "step-out" soil borings were relatively minor and indicative of degraded residual petroleum hydrocarbons from releases from the former USTs. Free product was identified in groundwater at soil boring location B25. Free product was not observed during sampling activities so recoverable free product may not be present.

The concentration of benzene reported in grab groundwater sample B25-W is significant and would likely trigger regulatory oversight if brought to the attention of the Oakland Fire Services Agency or the Alameda County Health Care Services Agency. ACC estimates that regulators would likely request three to four groundwater monitoring wells and one year of quarterly groundwater monitoring and sampling before approving regulatory case closure for the former USTs.

TPHg, BTEX, and TEPH as diesel are the primary constituents of concern identified in soil and groundwater. Subsurface impacts are not entirely characterized but appear to be localized to the general vicinity of the former USTs and horizontal and vertical migration potential is estimated to be minimal. These sample analytical findings indicate a substantial release from the former USTs. These TPHg/BTEX concentrations are above regulatory action levels and may represent an unacceptable human health risk and/or the necessity for site use restrictions.

6.0 CONCLUSIONS

Based on review of available documents pertaining to the subject property, sample analytical results, and field observations, ACC has concluded the following:

- Soil and groundwater in the vicinity of the former USTs has been impacted by petroleum hydrocarbons related to former USTs;
- Potential vertical and horizontal migration of residual petroleum hydrocarbons is limited due to fine-grained Bay Mud clays and the relatively poor quality saturated soil zone;
- Impacted soil and groundwater in the vicinity of the former USTs contains elevated concentrations of gasoline and diesel fuel constituents and are above regulatory action levels;
- HVOCs were reported in groundwater at low concentrations above regulatory action levels and indicate groundwater may be impacted by solvents originating on the subject site;
- Concrete pavement present on the majority of the subject property appears to be protective and historical site use impacts are likely localized to the area of the former USTs;
- The average total lead level reported from in two discrete soil sample analyses are representative of naturally occurring background concentrations; and
- Additional site investigation and remediation is warranted if unrestricted site use or regulatory closure is pursued relating to the former USTs. In addition, the data obtained during this investigation should be reported to the Oakland Fire Services Agency as the lead regulatory agency having jurisdiction over USTs in Oakland, California.

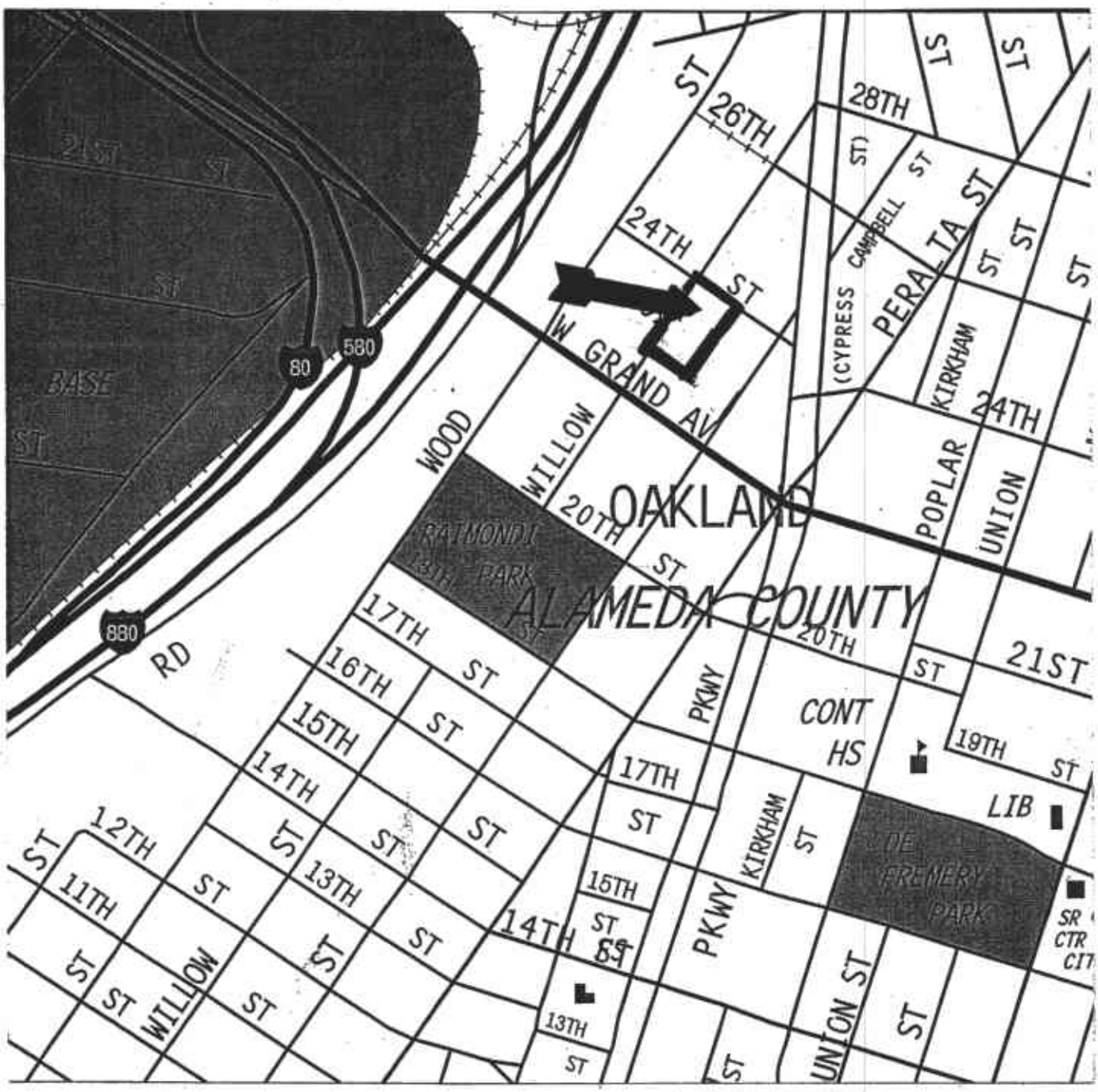
7.0 LIMITATIONS

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

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

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

FIGURES



Source: The Thomas Guide, Alameda County, 2002

Title: Location Map 1685 24th Street Oakland, California	
Figure Number: 1	Scale: None
Project No.: 6470-017.01	Drawn By: EJG
A·C·C ENVIRONMENTAL CONSULTANTS	Date: 08/13/02
7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax (510) 638-8404	N W E S

APPENDICES

LITHOLOGIC LOGS

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Truck-Mounted Hydraulic Geoprobe OPERATED BY: Environmental Control Associates LOGGED BY: ACC / David DeMent LOCATION: 1685 24th Street, Oakland, CA WORK DATE: 08/02/02 BORING: TB-1
				0	Asphalt (0.5' thick)
5Y-6/3				2	Sand (SP) pale olive, medium to fine grained, medium dense, poorly graded, damp, slight gasoline odor and suspect soil discoloration
	140			4	
				6	Sand (SP) as above, strong gasoline odor
	200+	TB-1-7.0		8	TOTAL DEPTH OF BORING: 8 feet bgs
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project No: 6570-017.01

Date: 8/02/01

Title: **LOG OF BORING TB-1**
Pacific Pipe (Lee's Auto)
1685 24th Street
Oakland, California

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Truck-Mounted Hydraulic Geoprobe OPERATED BY: Environmental Control Associates LOGGED BY: ACC / David DeMent LOCATION: 1685 24th Street, Oakland, CA WORK DATE: 08/12/02 BORING: B25
				0	Concrete (0.5' thick)
10YR-5/3				2	Silty Sand (SM), brown, 5-15% disseminated fines, medium to fine grained, medium dense, damp, strong gasoline odor, brick fragments noted (interpreted as fill)
				4	
5Y-3/2				6	Clay (CL), olive green, med. stiff, highly plastic, damp, uniform, no odor or soil discoloration (interpreted as native, bay mud)
				8	TOTAL DEPTH OF BORING: 8 feet bgs
				10	
				12	Note: Strong gasoline odor noted in water sample
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project No: 6570-017.01

Date: 8/02/01

Title: LOG OF BORING B25
Pacific Pipe (Lee's Auto)
1685 24th Street
Oakland, California

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Truck-Mounted Hydraulic Geoprobe OPERATED BY: Environmental Control Associates LOGGED BY: ACC / David DeMent LOCATION: 1685 24th Street, Oakland, CA WORK DATE: 08/12/02 BORING: B27
				0	Asphalt and Concrete (1.5' thick)
10YR-5/3	0.9			2	Sand (SP) yellow brown, med. to fine grained, medium dense, poorly graded, damp, no gasoline odor or soil discoloration, interpreted as fill
10YR-5/4	2.1			4	Silty Sand (SM), brown, 5-15% disseminated fines, medium to fine grained, medium dense, damp, interpreted as fill
	43			6	Note: olive green soil discoloration noted at 7.5'
				8	TOTAL DEPTH OF BORING: 8 feet bgs
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Title: **LOG OF BORING B27**
Pacific Pipe (Lee's Auto)
1685 24th Street
Oakland, California

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	EQUIPMENT: Truck-Mounted Hydraulic Geoprobe OPERATED BY: Environmental Control Associates LOGGED BY: ACC / David DeMent LOCATION: 1685 24th Street, Oakland, CA WORK DATE: 08/12/02 BORING: B29
				0	Concrete (0.5' thick)
10YR-5/3				2	Silty Sand (SM), brown, 5-15% disseminated fines, medium to fine grained, medium dense, damp, interpreted as fill
10YR-5/4	0.8			4	Sand (SP) yellow brown, med. to fine grained, medium dense, poorly graded, damp, no gasoline odor or soil discoloration noted, interpreted as fill
	0.1			6	
				8	TOTAL DEPTH OF BORING: 8 feet bgs
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project No: 6570-017.01

Date: 8/02/01

Title: **LOG OF BORING B29**
Pacific Pipe (Lee's Auto)
1685 24th Street
Oakland, California

ANALYTICAL RESULTS AND CHAIN OF CUSTODY RECORD

Submission#: 2002-08-0111

August 13, 2002

SEVERN TRENT LABORATORY

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www.stl-inc.com
www.chromalab.com

CA DHS ELAP#:2496

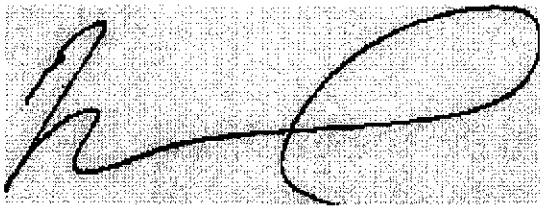
ACC Environmental Consultants
7977 Capwell Drive, Suite 100
Oakland, CA 94621
Attn.: Dave DeMent
Project#: 6570-017.01
Project: 1685 24th St.

Dear Mr. DeMent,

Attached is our report for your samples received on 08/05/2002 18:27
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 09/19/2002 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.
You can also contact me via email. My email address is: vvancil@chromalab.com

Sincerely,



Vincent Vancil
Project Manager

Submission #: 2002-08-0111

Total Extractable Petroleum Hydrocarbons (TEPH)

ACC Environmental Consultants

Attn.: Dave DeMent
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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6570-017.01
1685 24th St.

Received: 08/05/2002 18:27

SEVERN TRENT LABORATORY

STL San Francisco
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www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TB-1-W	08/02/2002 15:55	Water	1

Submission #: 2002-08-0111

Total Extractable Petroleum Hydrocarbons (TEPH)

ACC Environmental Consultants

Attn.: Dave DeMent
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Oakland, CA 94621
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Project: 6570-017.01
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Received: 08/05/2002 18:27

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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **TB-1-W**
Lab ID: 2002-08-0111 - 1
Sampled: 08/02/2002 15:55
Extracted: 8/8/2002 04:34
Matrix: Water
QC Batch#: 2002/08/08-03.10
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2000	56	ug/L	1.12	08/09/2002 06:57	ndp
Motor Oil	ND	560	ug/L	1.12	08/09/2002 06:57	
Surrogates(s)						
o-Terphenyl	83.7	60-130	%	1.12	08/09/2002 06:57	

Submission #: 2002-08-0111

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 6570-017.01
1685 24th St.

Received: 08/05/2002 18:27

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www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3510/8015M — Test(s): 8015M

Method Blank — **Water** — **QC Batch # 2002/08/08-03.10**

MB: 2002/08/08-03.10-001 — Date Extracted: 08/08/2002 04:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	08/08/2002 09:34	
Motor Oil	ND	500	ug/L	08/08/2002 09:34	
Surrogates(s)					
o-Terphenyl	94.1	60-130	%	08/08/2002 09:34	

Submission #: 2002-08-0111

Total Extractable Petroleum Hydrocarbons (TEPH)

ACC Environmental Consultants

Attn.: Dave DeMent
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Project: 6570-017.01
1685 24th St.

Received: 08/05/2002 18:27

SEVERN TRENT LABORATORY

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3510/8015M — Test(s): 8015M

Laboratory Control Spike — **Water** — **QC Batch # 2002/08/08-03.10**

LCS 2002/08/08-03.10-002 — Extracted: 08/08/2002 — Analyzed: 08/08/2002 08:14
LCSD 2002/08/08-03.10-003 — Extracted: 08/08/2002 — Analyzed: 08/08/2002 08:54

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	995	1010	1250	79.6	80.8	1.5	60-130	25		
Surrogates(s)										
o-Terphenyl	20.8	20.9	20.0	103.9	104.4		60-130	0		

Submission #: 2002-08-0111

Total Extractable Petroleum Hydrocarbons (TEPH)

ACC Environmental Consultants

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Legend and Notes

Analysis Flag

rl

Reporting limits raised due to reduced sample size.

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TB-1-W	08/02/2002 15:55	Water	1
TB-2-W	08/02/2002 16:20	Water	2
TB-1-7.5	08/02/2002 15:50	Soil	3
TB-2-8.0	08/02/2002 16:15	Soil	4

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**TB-1-W**	Lab ID:	2002-08-0111 - 1
Sampled:	08/02/2002 15:55	Extracted:	8/12/2002 12:14
Matrix:	Water	QC Batch#:	2002/08/12-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	5000	250	ug/L	5.00	08/12/2002 12:14	
Benzene	150	2.5	ug/L	5.00	08/12/2002 12:14	
Toluene	6.7	2.5	ug/L	5.00	08/12/2002 12:14	
Ethyl benzene	10	2.5	ug/L	5.00	08/12/2002 12:14	
Xylene(s)	13	2.5	ug/L	5.00	08/12/2002 12:14	
MTBE	72	25	ug/L	5.00	08/12/2002 12:14	
Surrogates(s)						
Trifluorotoluene	101.8	58-124	%	5.00	08/12/2002 12:14	
4-Bromofluorobenzene-FID	124.6	50-150	%	5.00	08/12/2002 12:14	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**TB-2-W**	Lab ID:	2002-08-0111 - 2
Sampled:	08/02/2002 16:20	Extracted:	8/12/2002 12:47
Matrix:	Water	QC Batch#:	2002/08/12-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/12/2002 12:47	
Benzene	ND	0.50	ug/L	1.00	08/12/2002 12:47	
Toluene	ND	0.50	ug/L	1.00	08/12/2002 12:47	
Ethyl benzene	ND	0.50	ug/L	1.00	08/12/2002 12:47	
Xylene(s)	ND	0.50	ug/L	1.00	08/12/2002 12:47	
MTBE	ND	5.0	ug/L	1.00	08/12/2002 12:47	
Surrogates(s)						
Trifluorotoluene	96.2	58-124	%	1.00	08/12/2002 12:47	
4-Bromofluorobenzene-FID	84.2	50-150	%	1.00	08/12/2002 12:47	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Prep(s):	5035 5035	Test(s):	8015M 8021B
Sample ID:	**TB-1-7.5**	Lab ID:	2002-08-0111 - 3
Sampled:	08/02/2002 15:50	Extracted:	8/12/2002 11:22
Matrix:	Soil	QC Batch#:	2002/08/12-01.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	08/12/2002 11:22	
Benzene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:22	
Toluene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:22	
Xylene(s)	ND	0.0050	mg/Kg	1.00	08/12/2002 11:22	
MTBE	ND	0.0050	mg/Kg	1.00	08/12/2002 11:22	
Surrogates(s)						
Trifluorotoluene	125.0	53-125	%	1.00	08/12/2002 11:22	
4-Bromofluorobenzene-FID	77.9	58-124	%	1.00	08/12/2002 11:22	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Prep(s):	5035 5035	Test(s):	8015M 8021B
Sample ID:	**TB-2-8.0**	Lab ID:	2002-08-0111 - 4
Sampled:	08/02/2002 16:15	Extracted:	8/12/2002 11:53
Matrix:	Soil	QC Batch#:	2002/08/12-01.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	08/12/2002 11:53	
Benzene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:53	
Toluene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:53	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	08/12/2002 11:53	
Xylene(s)	ND	0.0050	mg/Kg	1.00	08/12/2002 11:53	
MTBE	ND	0.0050	mg/Kg	1.00	08/12/2002 11:53	
Surrogates(s)						
Trifluorotoluene	108.5	53-125	%	1.00	08/12/2002 11:53	
4-Bromofluorobenzene-FID	82.4	58-124	%	1.00	08/12/2002 11:53	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5035 Test(s): 8015M
Method Blank **Soil** **QC Batch # 2002/08/12-01.03**
MB: 2002/08/12-01.03-003 Date Extracted: 08/12/2002 08:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	08/12/2002 08:17	
Benzene	ND	0.0050	mg/Kg	08/12/2002 08:17	
Toluene	ND	0.0050	mg/Kg	08/12/2002 08:17	
Ethyl benzene	ND	0.0050	mg/Kg	08/12/2002 08:17	
Xylene(s)	ND	0.0050	mg/Kg	08/12/2002 08:17	
MTBE	ND	0.0050	mg/Kg	08/12/2002 08:17	
Surrogates(s)					
Trifluorotoluene	113.6	53-125	%	08/12/2002 08:17	
4-Bromofluorobenzene-FID	93.4	58-124	%	08/12/2002 08:17	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030 Test(s): 8015M
Method Blank **Water** **QC Batch # 2002/08/12-01.05**
MB: 2002/08/12-01.05-008 Date Extracted: 08/12/2002 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/12/2002 10:48	
Benzene	ND	0.5	ug/L	08/12/2002 10:48	
Toluene	ND	0.5	ug/L	08/12/2002 10:48	
Ethyl benzene	ND	0.5	ug/L	08/12/2002 10:48	
Xylene(s)	ND	0.5	ug/L	08/12/2002 10:48	
MTBE	ND	5.0	ug/L	08/12/2002 10:48	
Surrogates(s)					
Trifluorotoluene	99.3	58-124	%	08/12/2002 10:48	
4-Bromofluorobenzene-FID	85.9	50-150	%	08/12/2002 10:48	

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5035 Test(s): 8021B

Laboratory Control Spike **Soil** **QC Batch # 2002/08/12-01.03**

LCS 2002/08/12-01.03-004 Extracted: 08/12/2002 Analyzed: 08/12/2002 08:48
LCSD 2002/08/12-01.03-005 Extracted: 08/12/2002 Analyzed: 08/12/2002 09:18

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	0.0989	0.0938	0.1000	98.9	93.8	5.3	77-123	35		
Toluene	0.0959	0.0914	0.1000	95.9	91.4	4.8	78-122	35		
Ethyl benzene	0.0944	0.0907	0.1000	94.4	90.7	4.0	70-130	35		
Xylene(s)	0.273	0.267	0.300	91.0	89.0	2.2	75-125	35		
Surrogates(s)										
Trifluorotoluene	513	469	500	102.6	93.8		53-125			

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

ACC Environmental Consultants
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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5035 Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2002/08/12-01.03**

LCS 2002/08/12-01.03-006 Extracted: 08/12/2002 Analyzed: 08/12/2002 09:49
LCSD 2002/08/12-01.03-007 Extracted: 08/12/2002 Analyzed: 08/12/2002 10:20

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	0.448	0.447	0.500	89.6	89.4	0.2	75-125	35		
Surrogates(s)										
4-Bromofluorobenzene-FID	385	391	500	77.0	78.2		58-124			

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Gas/BTEX Compounds by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030 Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2002/08/12-01.05**

LCS 2002/08/12-01 05-006 Extracted: 08/12/2002 Analyzed: 08/12/2002 09:43
LCSD 2002/08/12-01 05-007 Extracted: 08/12/2002 Analyzed: 08/12/2002 10:16

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	492	515	500	98.4	103.0	4.6	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	438	465	500	87.6	93.0		50-150			

Submission #: 2002-08-0111

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5030 Test(s): 8021B

Laboratory Control Spike **Water** **QC Batch # 2002/08/12-01.05**

LCS 2002/08/12-01.05-009 Extracted: 08/12/2002 Analyzed: 08/12/2002 11:20
LCSD 2002/08/12-01.05-005 Extracted: 08/12/2002 Analyzed: 08/12/2002 09:11

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	93.8	91.9	100.0	93.8	91.9	2.0	77-123	20		
Toluene	96.2	93.9	100.0	96.2	93.9	2.4	78-122	20		
Ethyl benzene	97.0	94.3	100.0	97.0	94.3	2.8	70-130	20		
Xylene(s)	281	273	300	93.7	91.0	2.9	75-125	20		
Surrogates(s)										
Trifluorotoluene	512	483	500	102.4	96.6		58-124			

Submission #: 2002-08-0111

Halogenated Volatile Organic Compounds by 8021

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CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TB-1-W	08/02/2002 15:55	Water	1

Submission #: 2002-08-0111

Halogenated Volatile Organic Compounds by 8021

ACC Environmental Consultants

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CA DHS ELAP# 2496

Prep(s):	5030B	Test(s):	8021B
Sample ID:	**TB-1-W**	Lab ID:	2002-08-0111 - 1
Sampled:	08/02/2002 15:55	Extracted:	8/7/2002 13:17
Matrix:	Water	QC Batch#:	2002/08/07-01.25

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	08/07/2002 13:17	
Vinyl chloride	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Chloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Methylene chloride	ND	5.0	ug/L	1.00	08/07/2002 13:17	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Chloroform	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Carbon tetrachloride	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Trichloroethene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Bromodichloromethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	08/07/2002 13:17	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Tetrachloroethene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Dibromochloromethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Chlorobenzene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Bromoform	ND	2.0	ug/L	1.00	08/07/2002 13:17	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	08/07/2002 13:17	
Chloromethane	ND	1.0	ug/L	1.00	08/07/2002 13:17	
Bromomethane	ND	1.0	ug/L	1.00	08/07/2002 13:17	
Surrogates(s)						
1-Chloro-2-fluorobenzene	98.0	70-130	%	1.00	08/07/2002 13:17	

Submission #: 2002-08-0111

Halogenated Volatile Organic Compounds by 8021

ACC Environmental Consultants

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030B — Test(s): 8021B

Method Blank — **Water** — **QC Batch # 2002/08/07-01.25**

MB: 2002/08/07-01.25-004 — Date Extracted: 08/07/2002 11:38

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	08/07/2002 11:38	
Vinyl chloride	ND	0.5	ug/L	08/07/2002 11:38	
Chloroethane	ND	0.5	ug/L	08/07/2002 11:38	
Trichlorofluoromethane	ND	0.5	ug/L	08/07/2002 11:38	
1,1-Dichloroethene	ND	0.5	ug/L	08/07/2002 11:38	
Methylene chloride	ND	5.0	ug/L	08/07/2002 11:38	
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/07/2002 11:38	
cis-1,2-Dichloroethene	ND	0.5	ug/L	08/07/2002 11:38	
1,1-Dichloroethane	ND	0.5	ug/L	08/07/2002 11:38	
Chloroform	ND	0.5	ug/L	08/07/2002 11:38	
1,1,1-Trichloroethane	ND	0.5	ug/L	08/07/2002 11:38	
Carbon tetrachloride	ND	0.5	ug/L	08/07/2002 11:38	
1,2-Dichloroethane	ND	0.5	ug/L	08/07/2002 11:38	
Trichloroethene	ND	0.5	ug/L	08/07/2002 11:38	
1,2-Dichloropropane	ND	0.5	ug/L	08/07/2002 11:38	
Bromodichloromethane	ND	0.5	ug/L	08/07/2002 11:38	
2-Chloroethylvinyl ether	ND	0.5	ug/L	08/07/2002 11:38	
trans-1,3-Dichloropropene	ND	0.5	ug/L	08/07/2002 11:38	
cis-1,3-Dichloropropene	ND	0.5	ug/L	08/07/2002 11:38	
1,1,2-Trichloroethane	ND	0.5	ug/L	08/07/2002 11:38	
Tetrachloroethene	ND	0.5	ug/L	08/07/2002 11:38	
Dibromochloromethane	ND	0.5	ug/L	08/07/2002 11:38	
Chlorobenzene	ND	0.5	ug/L	08/07/2002 11:38	
Bromoform	ND	2.0	ug/L	08/07/2002 11:38	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	08/07/2002 11:38	
1,3-Dichlorobenzene	ND	0.5	ug/L	08/07/2002 11:38	
1,4-Dichlorobenzene	ND	0.5	ug/L	08/07/2002 11:38	
1,2-Dichlorobenzene	ND	0.5	ug/L	08/07/2002 11:38	
Trichlorotrifluoroethane	ND	0.5	ug/L	08/07/2002 11:38	
Chloromethane	ND	1.0	ug/L	08/07/2002 11:38	
Bromomethane	ND	1.0	ug/L	08/07/2002 11:38	
Surrogates(s)					
1-Chloro-2-fluorobenzene	97.1	70-130	%	08/07/2002 11:38	

Submission #: 2002-08-0111

Halogenated Volatile Organic Compounds by 8021

ACC Environmental Consultants

Attn.: Dave DeMent
7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6570-017.01
1685 24th St.

Received: 08/05/2002 18:27

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030B — Test(s): 8021B

Laboratory Control Spike — **Water** — **QC Batch # 2002/08/07-01.25**

LCS 2002/08/07-01.25-005 — Extracted: 08/07/2002 — Analyzed: 08/07/2002 12:27
LCSD 2002/08/07-01.25-003 — Extracted: 08/07/2002 — Analyzed: 08/07/2002 10:48

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
1,1-Dichloroethene	19.0	19.6	20.0	95.0	98.0	3.1	70-130	20		
Trichloroethene	21.0	21.6	20.0	105.0	108.0	2.8	70-130	20		
Chlorobenzene	21.0	21.5	20.0	105.0	107.5	2.4	70-130	20		
Surrogates(s)										
1-Chloro-2-fluorobenzene	22.6	21.3	20	113.0	106.5		70-130			

SEVERN TRENT SERVICES

STL San Francisco

Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: _____

Date 8/5/02 Page 1 of 1

Report To

Attn: DAVID DEMENT

Company: ACC ENVIRONMENTAL CONSULTANTS

Address: 7977 CAPWELL DRIVE, OAKLAND, CA

P: (510) 638-8400 x 109 E: ddement@accenv.com

Bill To: ACC ENVIRONMENTAL

Sampled By: D. DeMent

Attn: TREVOR

Phone ext: 113

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	W.E.T (STLC) ☐ ☐ TCLP	Hexavalent Chromium ☐ ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ ☐ Alkalinity TSS ☐ ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
TB-1-W	8/2/02	15:55	W	Cold	X		X		X																			4
TB-2-W		16:20	W		X																							3
TB-1-7.5	8/2/02	15:50	S		X																							1
TB-2-8.0	↓	16:15	S		X																							1

Project Info.

Project Name: 1685 24th ST.

Project#: 6570-017.01

PO#: 6570-17.1

Credit Card#:

Sample Receipt

of Containers:

Head Space:

Temp:

Conforms to record:

Other:

TAT: Std 5 Day | 72h | 48h | 24h

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF

Special Instructions / Comments:

☐ Global ID _____

1) Relinquished by:

Signature Time

DAVID DEMENT 8/5/02

Printed Name Date

ACC ENVIRONMENTAL CONSULTANTS

Company

2) Relinquished by:

Signature Time

Printed Name Date

Company

3) Relinquished by:

Signature Time

Printed Name Date

Company

1) Received by:

Mark Lanson 12:35

Signature Time

Mark Lanson 8/5/02

Printed Name Date

STL Chroma Lab

Company

2) Received by:

Signature Time

Printed Name Date

Company

3) Received by:

Signature Time

Printed Name Date

Company

Rev 01/02