Industrial Compliance

A Subsidiary of
SP Environmental Systems, Inc.

Industrial Compliance

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UNDERGROUND STORAGE TANK REMOVAL REPORT

Southern Pacific Transportation Company
European Auto Salvage Yard
1075 2nd Street
Albany, California

IC Project No. 05100728

Prepared For:

Southern Pacific Transportation Company
One Market Plaza
San Francisco, CA 94105

November 29, 1995

UNDERGROUND STORAGE TANK
REMOVAL REPORT

Southern Pacific Transportation Company
European Auto Salvage Yard
1075 2nd Street
Albany, California

Prepared By:

James B. Ackerman
Project Geologist

Reviewed By:

Richard L. Bateman
Principal Hydrogeologist

TABLE OF CONTENTS

FIGURES

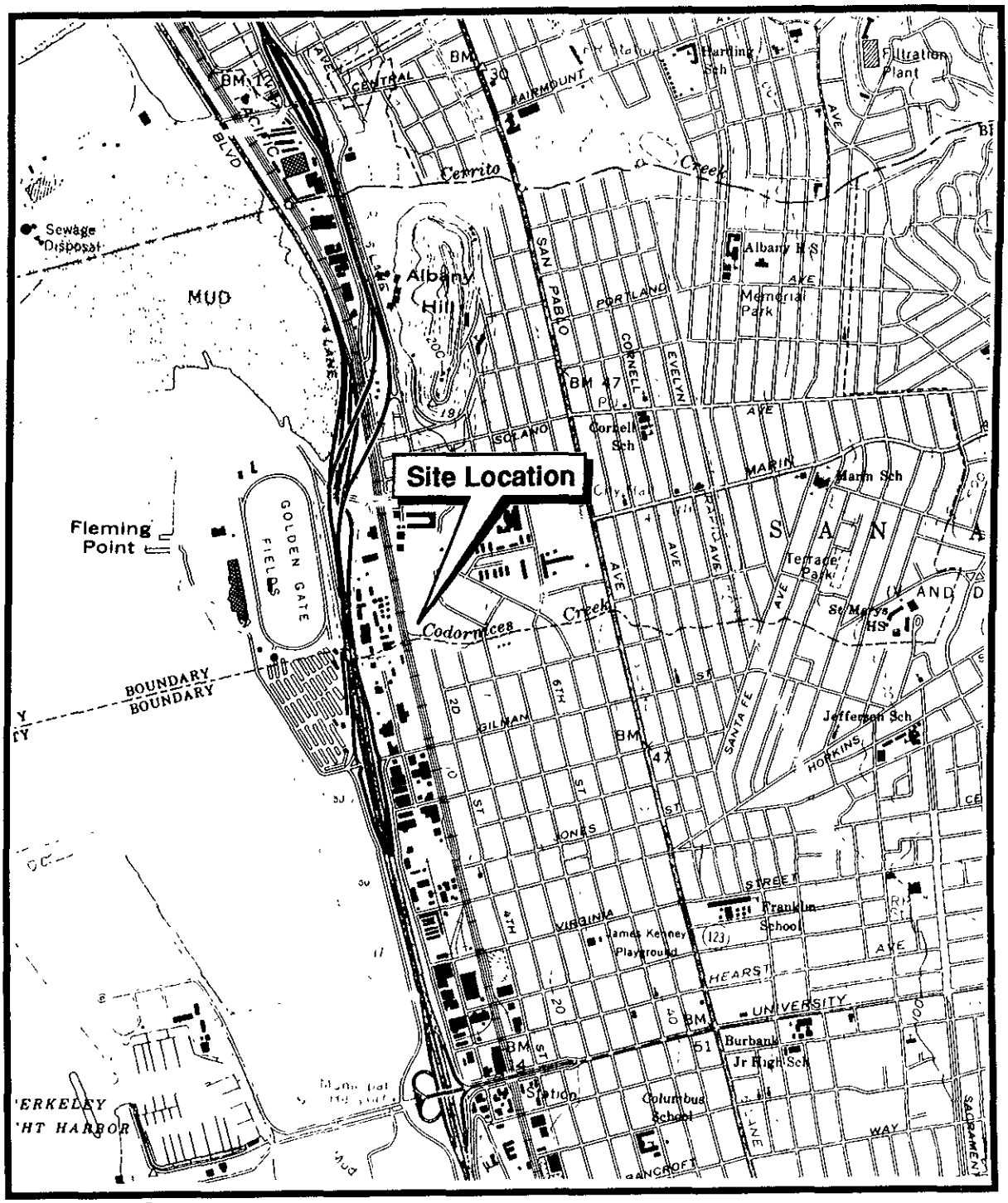
TABLE

TABLE OF CONTENTS (continued)

APPENDICES

1.0 INTRODUCTION

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), removed one underground storage tank (UST) from SPTCo property located at 1075 2nd Street, Albany, California (Figure 1). The property is currently leased to European Auto Salvage (EAS). The tank removal took place on September 14 and 15, 1995. This report presents field procedures, analytical results of soil and ground water sampling, and recommendations for further investigation.



Approximate Scale in Feet

0 2000'

Reference:
U.S.G.S. 7.5 Minute Series (Topographic)
Richmond Quadrangle
California
N3752.5-W12215/7.5

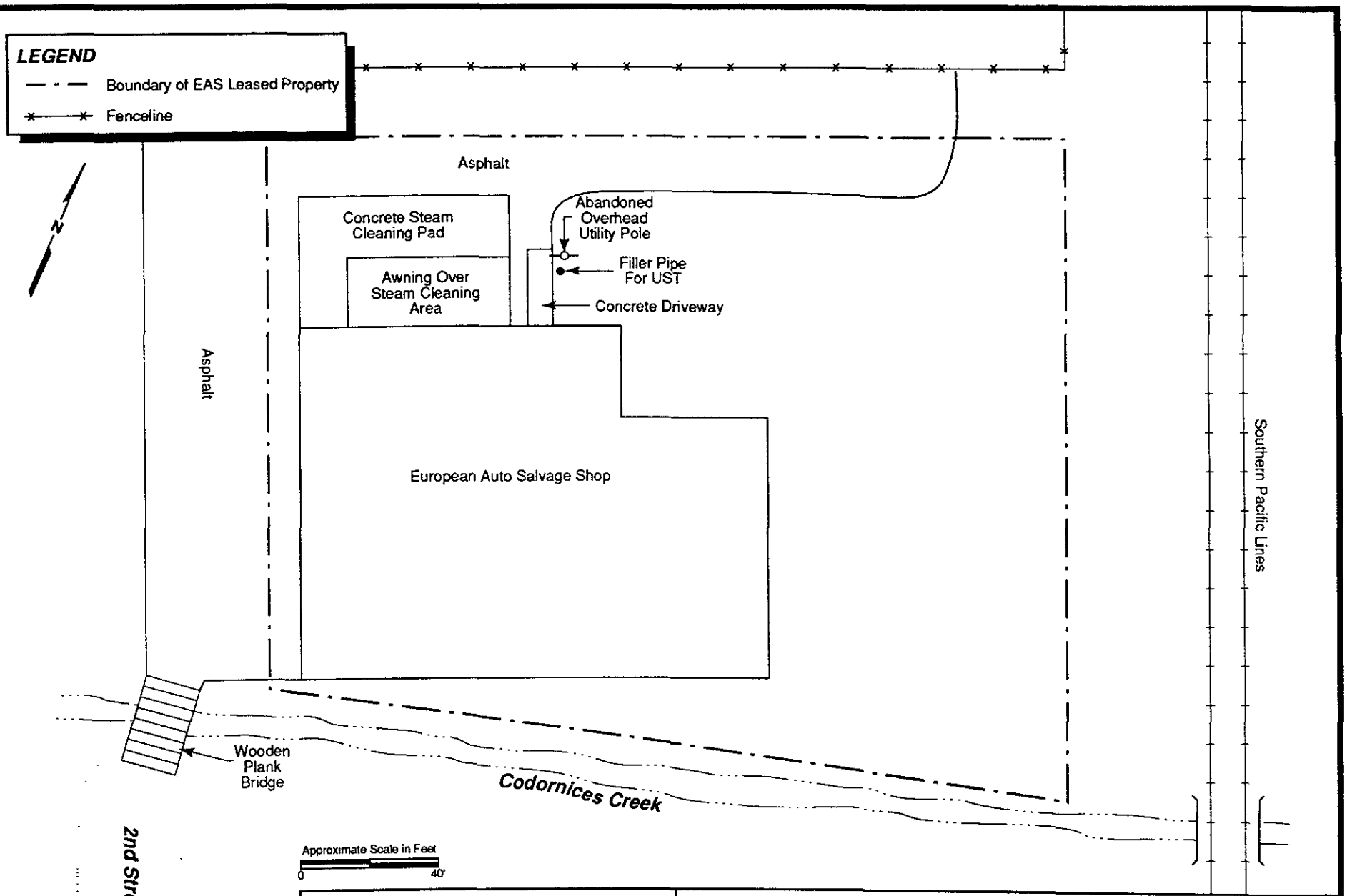
Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	**SITE LOCATION MAP** **SOUTHERN PACIFIC TRANSPORTATION COMPANY** **ALBANY, CALIFORNIA**	Figure: **1**	
		Page No.: **2**	
Project No.: **05100728**	Date: **11/03/95**	Scale: as shown	
Drawn By: **Patti Decker**	Checked By: **Richard Bateman**		

Alb-728/TR 1195/F 01 #100

2.0 BACKGROUND

The subject property has been leased to EAS for a number of years for the purpose of storing and repairing Mercedes Benz automobiles. On January 24, 1994, the Albany Fire Department discovered the filler pipe of a UST at the property during an urban run-off inspection. In a letter dated February 8, 1995, the Alameda County Health Care Services Agency - Department of Environmental Health (Alameda County) notified SPTCo of their responsibility to either permit the UST, or submit a tank closure plan. On May 4, 1995, the Albany Fire Captain and a representative of Alameda County made an inspection of the UST at the property, and observed the tank was still in place. The owner of EAS was interviewed by the Alameda County representative during the inspection, and stated that he did not own and had never used the UST. A "Notice of Legal Obligation" was then issued by Alameda County to SPTCo, which stated that SPTCo was legally responsible to either permit, or remove the UST.

On July 7, 1995, SPTCo requested that IC coordinate and supervise the removal of the UST at the EAS site. A reconnaissance of the site was made by an IC representative on July 20, 1995. The UST filler pipe was located adjacent to the north wall of the EAS shop building, and adjacent to both an access driveway and a steam cleaning facility to the west (Figure 2). It was determined that the UST contained a small quantity (< 5 gallons) of what appeared to be waste oil, did not contain water, and the bottom of the UST was approximately 7 feet below ground surface (bgs). A sample was taken of the small amount of product remaining in the tank, and submitted to Chromalab, Inc. for analysis of total extractable petroleum hydrocarbon by EPA Method 8015M and to Friedman & Bruya for "fuel fingerprint" analysis (Appendix A). An underground tank closure plan was submitted to Alameda County on July 26, 1995, which was subsequently approved on August 8, 1995. A permit to remove the UST was obtained from the City of Albany on September 11, 1995.



Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100728	Date: 11/02/95
Drawn By: Patti Decker	Checked By: Richard Bateman

SITE PLAN
SOUTHERN PACIFIC TRANSPORTATION COMPANY
ALBANY YARD
ALBANY, CALIFORNIA

Figure: 2

Page No.: 4

Scale: as shown

Alb-728/TR.1195/F.02 #100

This report documents the procedures used by IC and it's subcontractor, Jim Dobbas, Inc., to remove the UST at the EAS property, and presents the results of this work and recommendations for additional investigation.

3.0 FIELD ACTIVITIES

This section discusses the procedures and protocol used by IC and it's subcontractor, Jim Dobbas, Inc., for UST excavation and removal, collection of confirmation samples, and backfill of UST excavation.

3.1 UST Excavation and Removal

On September 14, 1995, before excavation could begin, an abandoned utility pole approximately 5 feet north of the filler pipe had to be disconnected and removed from the anticipated excavation area utilizing a Grove 30-ton truck crane. A rubber tire backhoe was used to remove the soil which covered the UST and the vent piping. During excavation, a photoionization detector was used to monitor the breathing zone of workers. Approximately 25 square feet of concrete and asphalt was removed during excavation. The top of the UST was encountered at a depth of 3.5 feet, and soil was excavated to expose the top 1.0 foot of the UST. Ground water was encountered at a depth of 4.5 feet bgs, which was clear and flowed freely into the excavation.

During excavation, artificial fill was encountered at the surface to a depth of 6 feet. The artificial fill was a brown (10YR 5/3)[1] clayey gravel (GC)[2], dry to moist, loose, consisting of 65 percent fine to cobble size angular to subrounded graywacke gravel, 15 percent fine to coarse sand, 15 percent clay and 5 percent silt. Below a depth of 6 feet, bay mud was encountered which was dark gray (5Y4/1) clay (CH), moist, soft, plastic. The bay mud deposits contained oxidized organic matter and very fine sand lenses. Within the bay mud, which was excavated adjacent to the UST, petroleum odor and an iridescent sheen were

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1. Soil color and color code from Munsell Color Chart.

2. Soils categorized using the United Soil Classification System.

occasionally observed associated with the oxidized organic matter. Additional evidence of impact by petroleum product was observed in the immediate area surrounding the filler pipe where soil appeared discolored, exhibited an iridescent sheen, and emitted a petroleum odor.

The following day (September 15, 1995), preparation was made to remove the UST. Due to the small quantity, it was determined that the product would be disposed of with the UST. Carbon dioxide, in the form of dry ice, was dropped into the UST via the filler pipe in order to evacuate the vapors in the tank and to ensure that the lower explosive limit (LEL) was 10 percent or less. After it appeared that the vapors in the UST had been displaced, a LEL meter was used to verify the LEL was below 10 percent. The UST was then removed by the backhoe utilizing a chain which was hooked on the lip of the tank. After removal, the UST was visually inspected for damage. No visible holes or signs of extensive corrosion were observed.

The UST was approximately 3.5 feet in diameter and 4 feet in length. The calculated capacity of the UST was approximately 300 gallons. The vent pipe was 1.5 inches in diameter, attached to the top of the south end of the tank, and extended approximately 15 feet to the south and 8 feet up along the wall of the EAS shop building. The filler pipe was 3.0 inches in diameter, attached to the north end of the tank, and extended vertically approximately 2.5 feet. After the UST was inspected, it was loaded onto and secured to a low bed trailer, and transported to Erikson, Inc. of Richmond, California, for disposal.

3.2 Confirmation Sampling

After the UST had been removed, two soil samples and one ground water sample were taken as required by the *Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites* (Tri-Regional Recommendations) established by the California Regional Water Quality Control Board (Regional Board). Confirmation soil

samples (NSW-1 and SSW-2) were taken from the sidewalls at the north and south end of the excavation, corresponding to the ends of the removed UST, at approximately 4 feet bgs, 6 inches above the soil/ground water interface. Each soil sample was taken by inserting a pre-cleaned 2-inch by 6-inch brass tube into the sidewall. Upon removal from the sidewall, the tube ends were covered with teflon sheeting and sealed with tight-fitting plastic endcaps. The grab ground water sample (GW-1) was taken by lowering a polyethylene disposable bailer into the center of the accumulation of ground water in the excavation. The sample was then transferred to clean laboratory-supplied containers of appropriate volumes and preservatives for the intended analyses. Prior to UST removal, the ground water which accumulated in the excavation was extremely clear. The disturbance caused by the UST removal resulted in oil globules on the water surface. The resources to purge the ground water from the excavation, as allowed by the Tri-Regional Recommendations, were not available prior to water sampling, and therefore a possibility of contamination of the ground water sample by free phase product exists. All sample containers were labeled and placed in a cooled ice chest for transport to Chromalab, Inc. A representative of Alameda County was present to observe both the UST removal and confirmation sampling.

Photographs of UST condition are shown on Figure 3. Figure 4 shows soil surrounding the UST in place and ground water in the UST excavation following removal. Confirmation sample locations are shown on Figure 5.

Both soil and water confirmation samples were submitted for the following analysis as required by Alameda County:

Constituent	EPA Analytical Method
Total petroleum hydrocarbons as gasoline (TPH-G)	8015 Modified
Total petroleum hydrocarbons as diesel (TPH-D)	8015 Modified
Oil and grease	413.1

Figure 3a: View east of UST during removal

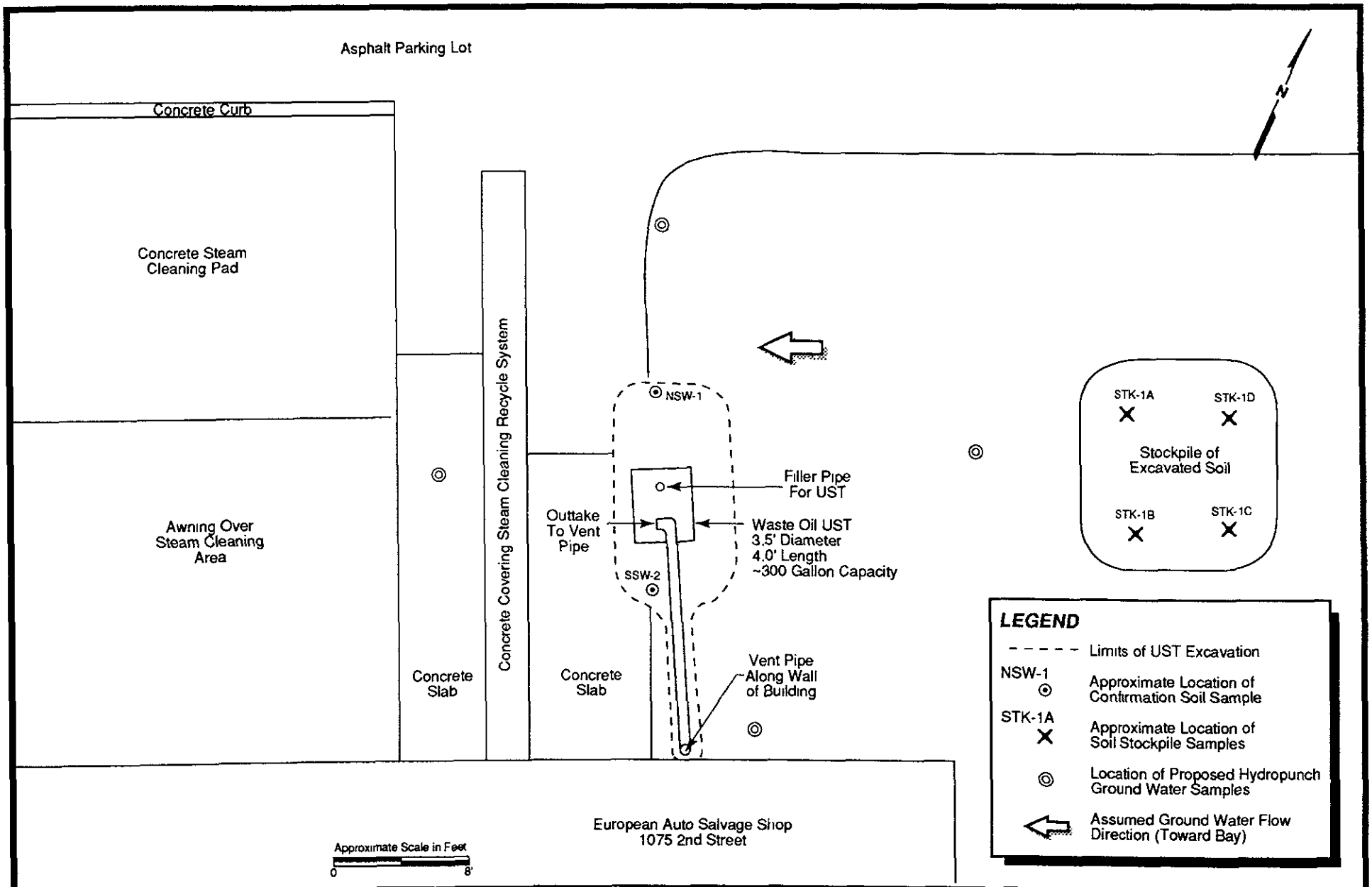
Figure 3b: View southeast of UST, immediately following removal

Figure 3: Photographs of UST condition

Figure 4a: View west of uncovered UST prior to removal

Figure 4b: View south of clear groundwater in excavation after ground water sampling

Figure 4: Photographs UST position and ground water condition in excavation



Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.:	05100728	Date:	11/02/95
Drawn By:	Patti Decker	Checked By:	Richard Bateman

PLAN OF EXCAVATION, SAMPLES, AND PROPOSED HYDROPUNCH LOCATIONS SOUTHERN PACIFIC TRANSPORTATION COMPANY ALBANY YARD ALBANY, CALIFORNIA

Figure: 5
Page No.: 11
Scale: as shown

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Constituent	EPA Analytical Method
Benzene, toluene, ethylbenzene and xylenes (BTEX)	8020
Volatile organic compounds (VOCs)	8010
Semivolatile organic compounds (SVOCs)	8270
LUFT metals	6010

3.3 Excavation Backfill and Stockpile Sampling

On September 18, 1995, the excavation resulting from the UST removal was backfilled with clean baserock. The baserock was emplaced and compacted with the rubber tire backhoe. The approximately 10 cubic yards of soil which was removed from the excavation was stockpiled approximately 20 feet east of the excavation. Four discrete samples of the soil stockpile were taken and composited into one for analysis. Approximate sample locations are shown on Figure 5. The samples were collected by digging approximately two feet into the stockpile with a clean shovel. A precleaned 2-inch by 6-inch brass tube was then inserted into the stockpile. The ends of the tube were covered with teflon then sealed with tight-fitting plastic endcaps upon removal. The samples were then labeled and placed in cooled ice chest for transport to Chromalab, Inc. The samples were analyzed for the same constituents as described in Section 3.2.

4.0 ANALYTICAL RESULTS

The sample taken of the product within the UST during site reconnaissance was analyzed by Chromalab, Inc. for total extractable petroleum hydrocarbons by EPA Method 8015M. The chromatograph was then sent to Friedman & Bruya, Inc. for "fingerprint characterization" (Appendix A). The product within the UST contained approximately 800,000 milligrams per kilogram (mg/kg) of petroleum hydrocarbons in the motor oil range. No hydrocarbons in the diesel or kerosene range were detected. Friedman & Bruya, Inc. characterized the product as primarily motor oil with low levels of very weathered gasoline and diesel.

The soil and ground water samples collected after UST removal were analyzed by Chromalab, Inc. for the analytes described in Section 3.2. Analytical results are presented in Table 1. Laboratory reports are included as Appendix B. The following is a summary of the analytical results:

* TPH-G was not detected at or above the reporting limit in either of the confirmation soil samples (NSW-1 and SSW-2).

* Petroleum hydrocarbons in the gasoline range, which did not match the standard chromatographic pattern, were detected in the ground water confirmation sample (GW-1) at a concentration of 6,900 micrograms per liter (μg/L).

← possibly due to weathering?

* TPH-D was detected in samples NSW-1, SSW-2 and GW-1 at concentrations of 1.9 mg/kg, 24 mg/kg, and 580 μg/L respectively.

* Oil and grease was detected in samples NSW-1, SSW-2 and GW-1 at concentrations of 63 mg/kg, 40 mg/kg, and 3,200 μg/L respectively.

TABLE 1
ANALYTICAL RESULTS FROM CONFIRMATION AND STOCKPILE SAMPLES

Sample Number[a]	Sample Date	Total Petroleum Hydrocarbons		Oil and Grease	Volatile Organic Compounds				Volatile Organic Compounds	Semivolatile Organic Compounds			LUFT Metals				
		Gasoline	Diesel		Benzene	Toluene	Ethylbenzene	Xylenes		n-butyl-phthalate	bis-phthalate	Other SVOCs	Cadmium	Chromium	Lead	Nickel	Zinc
Analyzed by EPA Method		**8015**		**413.1**	**8020**				**8010**	**8270**			**6010**				
Confirmation Soil Samples (mg/kg)																	
NSW-1	09/15/95	<1.0	**1.9**	**63**	<0.5	<0.5	<0.5	<0.5	<0.005	**0.12**	**0.10**	ND[b]	**0.8**	**30**	**15**	**61**	**38**
SSW-2	09/15/95	<1.0	**24**	**40**	<0.5	<0.5	<0.5	<0.5	<0.005	**0.26**	**0.06**	ND[b]	**1.0**	**26**	**19**	**34**	**78**
Confirmation Ground Water Sample (µg/L)																	
GW-1	09/15/95	**6,900[c]**	**580**	**3,200**	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	**4.0**	ND[d]	<5.0	**20**	**20**	**20**	**480**
Stockpile Soil Samples (mg/kg)																	
STK-1A-D	09/18/95	<1.0	**250**	**1,100**	<0.005	<0.005	<0.005	<0.005	<0.005	**1.5**	**1.5**	ND[e]	**1.5**	**23**	**46**	**38**	**130**

a See Figure 2 for approximate locations of samples

b Reporting limits for analysis of soil by EPA Method 8270 range from 0.05 to 0.25 mg/kg

c Hydrocarbons in the gasoline range with peak profile which does not match the standard chromatographic pattern.

d Reporting limits for analysis of ground water by EPA 8270 range from 2 to 10 µg/L.

e Reporting limits for analysis of soil by EPA Method 8270 range from 0.5 to 2.5 mg/kg

mg/kg Milligrams per kilogram

µg/L Micrograms per liter

< Symbol indicates constituents were not detected at or above the reporting limits as noted.

ND Not detected above the reporting limit for any analyte included in the analysis See Appendix C for laboratory data sheets.

* BTEX and VOCs, analyzed by EPA Methods 8020 and 8010 respectively, were not detected at or above the reporting limit in any of the confirmation samples.

* n-butylphthalate was detected in NSW-1 and SSW-2 at concentrations of 0.12 mg/kg and 0.26 mg/kg, respectively. Bis-phthalate was detected in NSW-1, SSW-2 and GW-1 at concentrations of 0.10 mg/kg, 0.06 mg/kg and 4.0 μg/L, respectively. No other SVOCs were detected at or above the reporting limit.

* Cadmium was detected in NSW-1 and SSW-2 at concentrations of 0.8 mg/kg and 1.0 mg/kg, respectively. Cadmium was not detected at or above the reporting limit in GW-1.

* Chromium was detected in NSW-1, SSW-2 and GW-1 at concentrations of 30 mg/kg, 26 mg/kg and 20 μg/L, respectively.

* Lead was detected in NSW-1, SSW-2 and GW-1 at concentrations of 15 mg/kg, 19 mg/kg and 20 μg/L, respectively.

* Nickel was detected in NSW-1, SSW-2 and GW-1 at concentrations of 61 mg/kg, 34 mg/kg and 20 μg/L, respectively.

* Zinc was detected in NSW-1, SSW-2 and GW-1 at concentrations of 38 mg/kg, 78 mg/kg and 480 μg/L, respectively.

* TPH-G, BTEX and VOCs by EPA Method 8010, were not detected at or above the reporting limit in the stockpile sample (STK-1A-D).

* TPH-D was detected in STK-1A-D at a concentration of 250 mg/kg.

* Oil and grease was detected in STK-1A-D at a concentration of 1,100 mg/kg.

* n-butylphthalate and bis phthalate were detected in STK-1A-D at a concentration of 1.5 mg/kg. No other SVOCs were detected in the stockpile sample at or above the reporting limit.

* Cadmium, chromium, lead, nickel and zinc were detected in STK-1A-D at concentrations of 1.5 mg/Kg, 23 mg/kg, 46 mg/kg, 38 mg/kg, and 130 mg/kg, respectively.

5.0 DISCUSSION

The following sections summarize the results of confirmation sampling and present recommendations for limited additional site investigation.

5.1 Chemical Distribution

Confirmation sample results from the EAS site indicate that oil and grease and petroleum hydrocarbons in the diesel range are present in the soil and ground water while petroleum hydrocarbons in the gasoline range occur only in the ground water. Since gasoline hydrocarbons are only found in the ground water, and the product in the UST was identified as predominately motor oil, it is possible the gasoline originated from a source other than the UST. In addition, since the ground water may have been contaminated by free phase product during the UST removal, the concentrations of petroleum hydrocarbons in the ground water sample may be erroneously high. BTEX and VOCs are not present in soil and ground water at the site. The SVOCs n-butylphthalate and bis-phthalate were identified in site soil and ground water. These compounds are commonly used as "softeners" in the production of plastic products and could have been derived from plastic on the site or those used in the sampling/analysis process, since these compounds were also detected in the method blank. Concentrations of metals in soil are well below the preliminary remediation goals for residential areas. Concentrations of all metals in ground water except for lead are well below the maximum contaminant levels (MCL) for drinking water established by the Regional Board. The concentration of lead in the ground water confirmation sample (20 μg/L) slightly ~~exceeds~~ the current MCL of 15 μg/L.

Gas is weathered gas.

No

50

5.2 Recommendations

Based on field observations during the removal of the UST and confirmation sample results, it appears that the impact to the site resulting from the UST is minimal. The lack of visible corrosion and holes, and the lack of ground water within the UST, when the bottom 75 percent of the tank was exposed to ground water, suggests the tank itself was not leaking. The presence of soil impacted by petroleum hydrocarbons around the filler pipe and adjacent to the UST, in addition to low concentrations of TPH (<24 mg/kg) in sidewall confirmation samples, suggests a limited presence of product which may have resulted from "overfill" or spillage migrating along the filler pipe, around the tank, and accumulating below the tank. Ground water at the site is impacted by oil and grease and petroleum hydrocarbons in the gasoline range. The gasoline range hydrocarbons may be derived from a source other than the UST.

Within the framework of the Tri-Regional Recommendations, this site is classified as a "Case #1" site because of highly permeable soil and the fact that ground water is impacted. Sites in this category require further investigation. Given that the site soil is minimally impacted (oil and grease <63 mg/kg; TPH-D <24 mg/kg), it is assumed that further characterization of petroleum hydrocarbon impact to soil it not warranted. IC recommends that the nature and extent of petroleum hydrocarbon impact to ground water be further characterized by collection of four grab ground water samples at locations surrounding the former UST location (Figure 5). These grab ground water samples will be collected using Hydropunch™ equipment or an equivalent. These samples will be analyzed for total extractable petroleum hydrocarbons by EPA Method 8015M. The capillary column gas chromatography curves (chromatograms) will be obtained for all samples. These chromatograms will be compared with the chromatograms for the initial soil and ground water samples and the chromatogram from the product sample. This approach will allow an evaluation of possible spatial variation in the nature of petroleum hydrocarbons in site ground

water. This comparative analysis will also provide data to support or refute the possibility that gasoline range hydrocarbons in site ground water are derived from a source other than the onsite UST.

6.0 GLOSSARY OF ACRONYMS

bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene and xylenes
EAS	European Auto Salvage
IC	Industrial Compliance
LEL	Lower explosive limit
MCL	Maximum contaminant levels
mg/kg	Milligrams per kilogram
SPTCo	Southern Pacific Transportation Company
SVOCs	Semivolatile organic compounds
TPH-D	Total petroleum hydrocarbons as diesel
TPH-G	Total petroleum hydrocarbons as gasoline
UST	Underground storage tank
VOCs	Volatile organic compounds
μg/L	Micrograms per liter

APPENDIX A

"FUEL FINGERPRINT" ANALYSIS LABORATORY REPORT

CHROMALAB, INC.

Environmental Services (SDB)

July 25, 1995 *Submission #:* 9507239

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: James Ackerman
Project: ALBANY UST (EASY) *Project#:* 05100728
Received: July 20, 1995
re: 1 sample for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.
Method: EPA 3550/8015M
Sampled: July 20, 1995 *Matrix:* OIL *Extracted:* July 24, 1995
Run: 7758-D *Analyzed:* July 24, 1995

Spl #	Sample ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
96485	A-1	N.D.	N.D.	800000
	For above sample: *REPORTING LIMIT RAISED 200X DUE TO DILUTION.*			
	Reporting Limits	400	400	4000
	Blank Result	N.D.	N.D.	N.D.
	Blank Spike Result (%)	--	--	--

Dennis Mayugba
Chemist

Ali Kharrazi
Organic Manager

Sample of product or contents of waste oil tank

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

239/96485

CHAIN-OF-CUSTODY RECORD

OAKLAND CA

No. 20570

INDUSTRIAL COMPLIANCE • ~~9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827~~-3559 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
ALBANY UST (EASY)	ALBANY, CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
05100728	JAMES ACKERMAN	(510) 238-9540

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	CARL TAYLOR

SUBM #: 9507239 REP: E
CLIENT: INDCOMP-OAK
DUE: 07/27/95
REF #:23014

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) FUEL FINGERPRINT * TEPH	REMARKS
							AQ		
1	A-1	7-20	1230		X	FROM BOTTOM OF UST (~7.0') (PRODUCT)	1	X	
2									* GARY - PLEASE SEND ~~A~~ SAMPLE TO FRIEDMAN & BRUYA FOR ANALYSIS ~~OF~~ (CHROMATOGRAPH
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	James Ackerman	Ken Aoki	7/20/95	1538
2					
3					
4					

REMARKS
STANDARD TAT

P.O # 18685

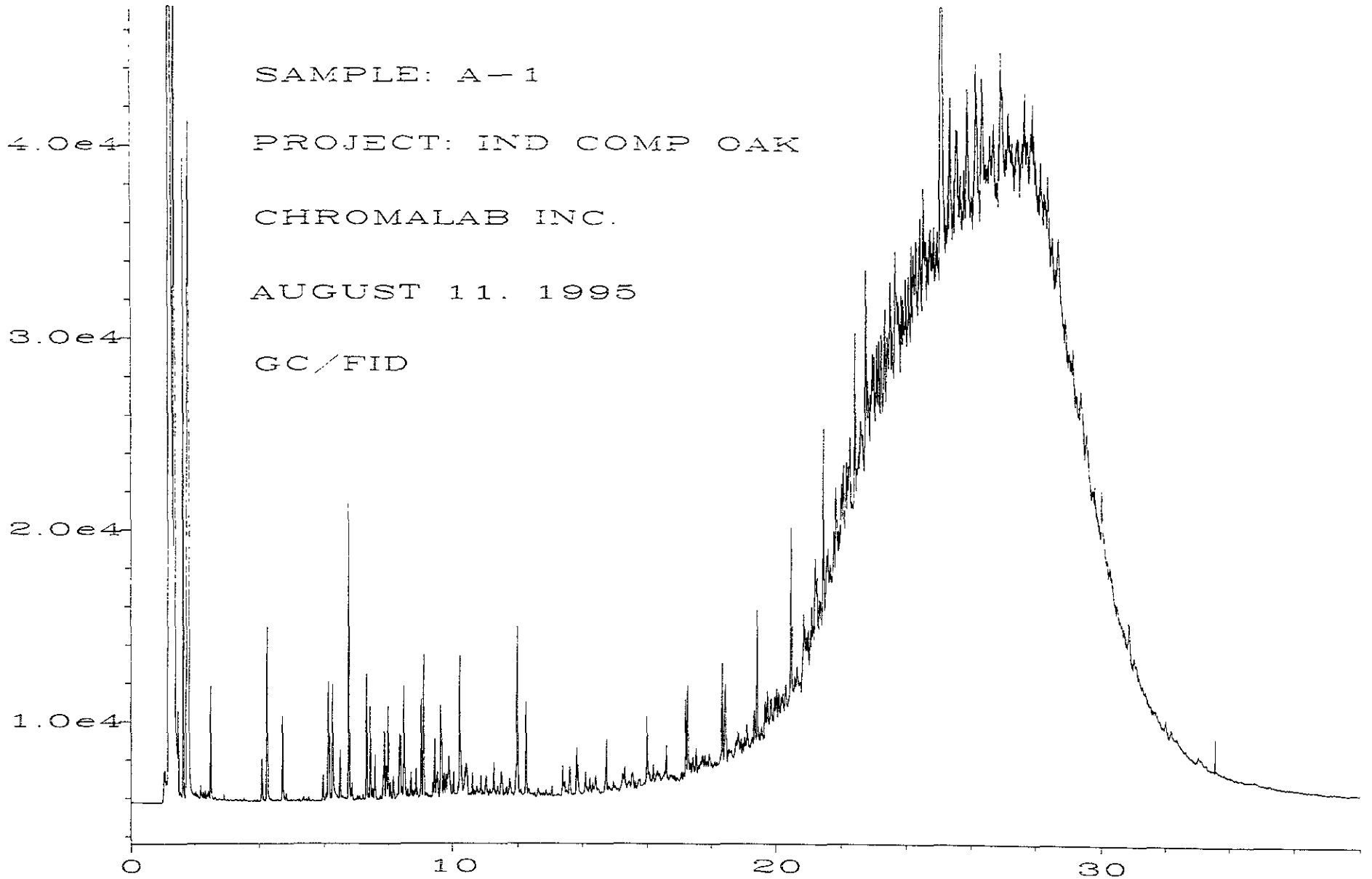
SAMPLER'S NAME: JAMES ACKERMAN
SAMPLER'S SIGNATURE: James Ackerman

LAB COPY

Date of Report: August 16, 1995
Date Received: August 14, 1995
Project: #9507239, IND COMP OAK
Date Samples Extracted: August 14, 1995

RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE FOR FINGERPRINT CHARACTERIZATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID) AND ELECTRON CAPTURE DETECTOR (ECD)

Sample ID	GC Characterization
A-1	The GC trace using the flame ionization detector (FID) showed the presence of low, medium and high boiling compounds. The patterns displayed by these peaks are indicative of a waste oil containing primarily a lubricating fluid such as motor oil with low levels of very weathered gasoline and diesel. The low boiling compounds appeared as a ragged pattern of peaks eluting from *n*-C_6 to *n*-C_{14} showing a maximum near *n*-C_{12}. The GC/FID trace showed the presence of peaks that appeared to be indicative of low levels of toluene, ethylbenzene, the xylenes and C3-benzenes. The low boiling product appears to have undergone degradation by evaporative processes. The low boiling product also appears to have undergone chemical or biological degradation. The medium boiling compounds appeared as a pattern of peaks eluting from *n*-C_{14} to *n*-C_{18}. A regular pattern of the *n*-alkanes is seen for the medium boiling product. The medium boiling material appears to have undergone biological degradation indicated by the low ratios of *n*-C_{17} to pristane and *n*-C_{18} to phytane. The high boiling compounds appeared as a large hump eluting from *n*-C_{16} to *n*-C_{36} showing a maximum near *n*-C_{29}. The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis. There is a second internal standard peak seen on the GC/ECD trace at about 26 minutes which is dibutyl chlorendate.



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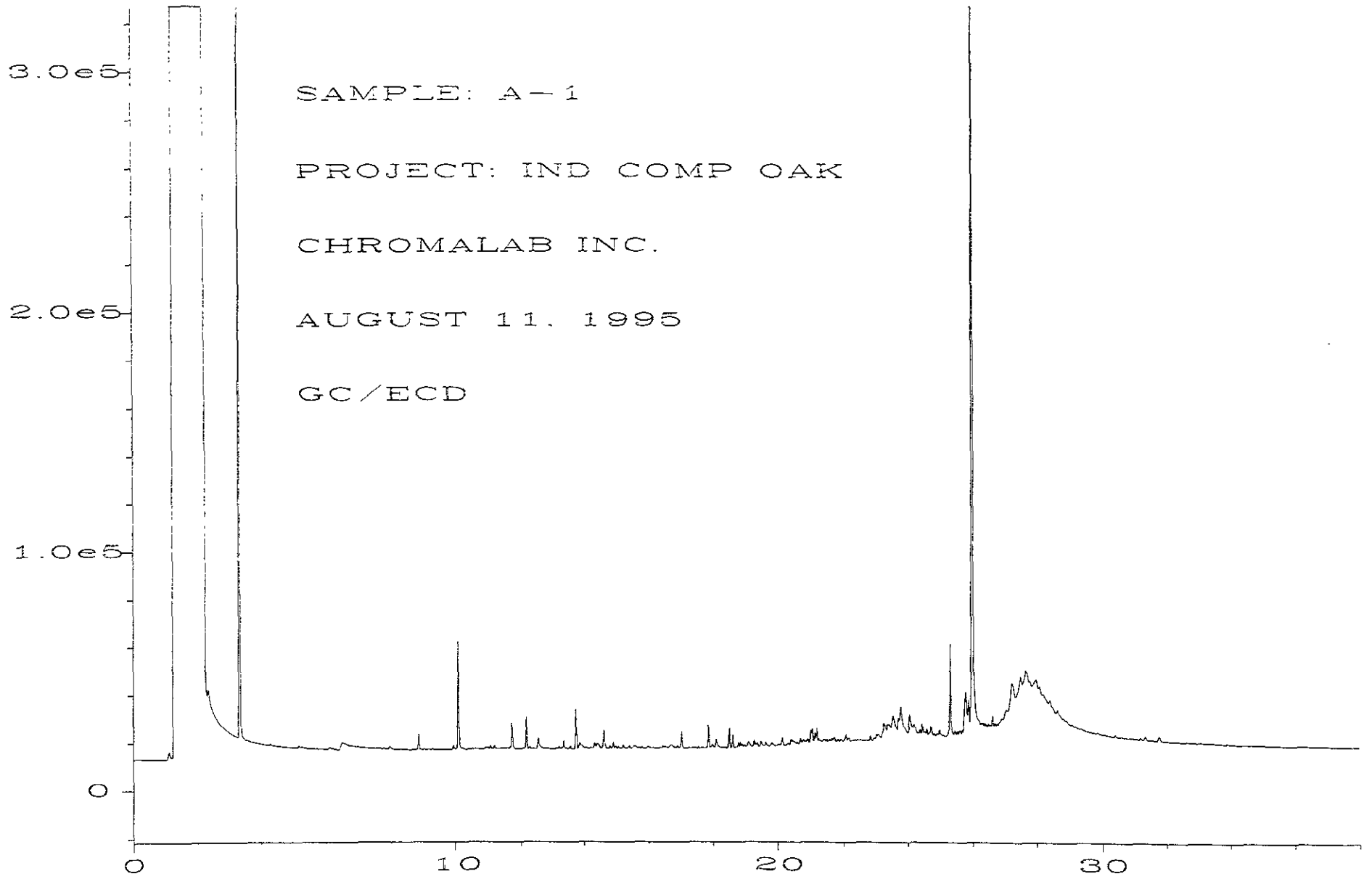

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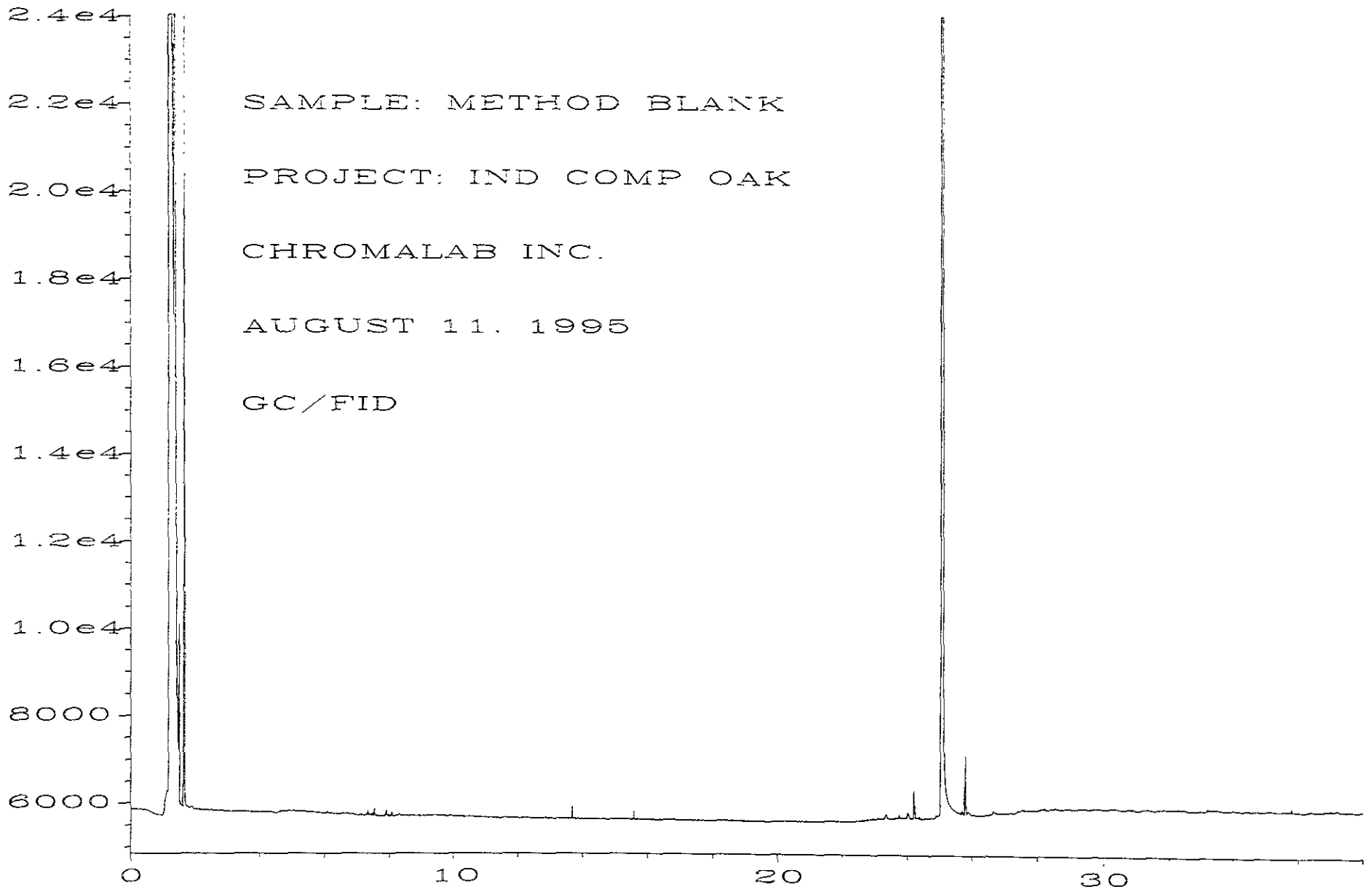

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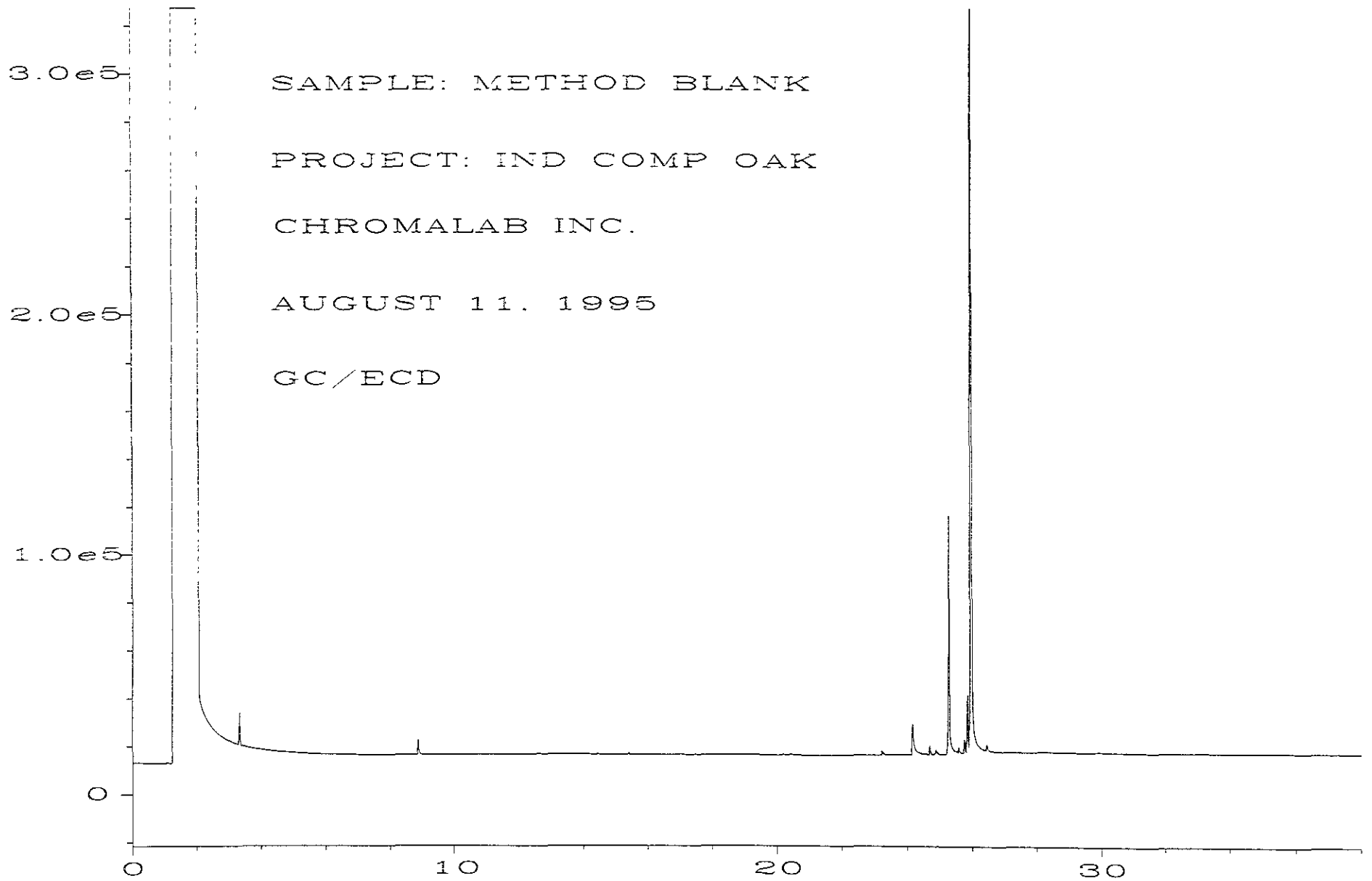

Sig. 2 in C:\HPCHEM\4\DATA\08-11-95\015R1501.D

APPENDIX B

ANALYTICAL LABORATORY REPORTS

CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 3 samples for Total Recoverable Petroleum Hydrocarbons analysis.
Method: EPA 413.1

Sampled: September 15, 1995 *Matrix:* SOIL *Extracted:* September 22, 1995
Run: 8571-C *Analyzed:* September 22, 1995

Spl #	Sample ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
102924	NSW-1	63	10	N.D.	--
102925	SSW-2	40	10	N.D.	--

Sampled: September 15, 1995 *Matrix:* WATER *Extracted:* September 22, 1995
Run: 8572-C *Analyzed:* September 22, 1995

Spl #	Sample ID	OIL & GREASE (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE RESULT (%)
102923	GW-1	3.2	1.0	N.D.	--

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Extractions Supervisor

Ali Kharrazi
Organic Manager

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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 2 samples for Diesel analysis.
Method: EPA 3550/8015M

Sampled: September 15, 1995 *Matrix:* SOIL *Extracted:* September 18, 1995
Run: 8491-K *Analyzed:* September 20, 1995

Spl #	Sample ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
102924	NSW-1	1.9	1.0	N.D.	83
102925	SSW-2	24	1.0	N.D.	83

Kayvan Kimyai
Chemist

Ali Kharrazi
Organic Manager

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CHROMALAB, INC.

Environmental Services (SDB)

September 20, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 1 sample for Diesel analysis.
Method: EPA 3510/8015M

Sampled: September 15, 1995 *Matrix:* WATER *Extracted:* September 18, 1995
Run: 8505-K *Analyzed:* September 20, 1995

Spl #	Sample ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
102923	GW-1	580	50	N.D.	90

Kayvan Kimyai
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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 1 sample for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: September 15, 1995 *Matrix:* WATER
Run: 8547-4 *Analyzed:* September 20, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
102923	GW-1	N.D.	N.D.	N.D.	N.D.	N.D.
	For above sample:	*An unknown profile of peaks was found in the gasoline range. If quantify against gasoline standard, concentration is 6.9mg/l*				
Reporting Limits		0.05	0.5	0.5	3.0	3.0
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		100	105	105	106	103

Billy Thach
Chemist

Ali Kharrazi
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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 2 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/8020

Sampled: September 15, 1995 *Matrix:* SOIL
Run: 8564-2 *Analyzed:* September 21, 1995

Spl #	Sample ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
102924	NSW-1	N.D.	N.D.	N.D.	N.D.	N.D.
102925	SSW-2	N.D.	N.D.	N.D.	N.D.	N.D.
	Reporting Limits	1.0	5.0	5.0	5.0	5.0
	Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	100	104	103	107	100

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CHROMALAB, INC.

Environmental Services (SDB)

October 5, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: One sample for Semivolatile Organic Compounds (B/NAs) analysis.
Method: EPA 3550/8270

SampleID: **NSW-1**
Sample #: 102924 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 15, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
PHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROETHYL)ETHER	N.D.	0.05	N.D.	--
2-CHLOROPHENOL	N.D.	0.05	N.D.	82
1,3-DICHLOROBENZENE	N.D.	0.05	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.05	N.D.	--
BENZYL ALCOHOL	N.D.	0.05	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.05	N.D.	--
2-METHYLPHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.05	N.D.	--
4-METHYLPHENOL	N.D.	0.05	N.D.	--
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	N.D.	70
HEXACHLOROETHANE	N.D.	0.05	N.D.	--
NITROBENZENE	N.D.	0.05	N.D.	--
ISOPHORONE	N.D.	0.05	N.D.	--
2-NITROPHENOL	N.D.	0.05	N.D.	--
2,4-DIMETHYLPHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.05	N.D.	--
2,4-DICHLOROPHENOL	N.D.	0.05	N.D.	--
1,2,4-TRICHLOROBENZENE	N.D.	0.05	N.D.	70
NAPHTHALENE	N.D.	0.05	N.D.	--
4-CHLOROANILINE	N.D.	0.05	N.D.	--
HEXACHLOROBUTADIENE	N.D.	0.05	N.D.	--
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	N.D.	87
2-METHYLNAPHTHALENE	N.D.	0.05	N.D.	--
HEXACHLOROCYCLOPENTADIENE	N.D.	0.05	N.D.	--
2,4,6-TRICHLOROPHENOL	N.D.	0.05	N.D.	--
2,4,5-TRICHLOROPHENOL	N.D.	0.05	N.D.	--
2-CHLORONAPHTHALENE	N.D.	0.05	N.D.	--
2-NITROANILINE	N.D.	0.05	N.D.	--
DIMETHYL PHTHALATE	N.D.	0.05	N.D.	--
ACENAPHTHYLENE	N.D.	0.05	N.D.	--
3-NITROANILINE	N.D.	0.05	N.D.	--
ACENAPHTHENE	N.D.	0.05	N.D.	68
2,4-DINITROPHENOL	N.D.	0.25	N.D.	--
4-NITROPHENOL	N.D.	0.05	N.D.	--
DIBENZOFURAN	N.D.	0.05	N.D.	--
2,4-DINITROTOLUENE	N.D.	0.05	N.D.	--
2,6-DINITROTOLUENE	N.D.	0.05	N.D.	--
DIETHYL PHTHALATE	N.D.	0.05	N.D.	--

CHROMALAB, INC.
Environmental Services (SDB)

October 5, 1995

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995
re: One sample for Semivolatile Organic Compounds (B/NAs) analysis, continued.
Method: EPA 3550/8270
SampleID: **NSW-1**
Sample #: 102924 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 15, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
FLUORENE	N.D.	0.05	N.D.	--
4-NITROANILINE	N.D.	0.05	N.D.	--
4,6-DINITRO-2-METHYLPHENOL	N.D.	0.25	N.D.	--
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.05	N.D.	--
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
HEXACHLOROBENZENE	N.D.	0.05	N.D.	--
PENTACHLOROPHENOL	N.D.	0.25	N.D.	74
PHENATHRENE	N.D.	0.05	N.D.	--
ANTHRACENE	N.D.	0.05	N.D.	--
DI-N-BUTYL PHTHALATE	0.12	0.05	0.10	--
FLUORANTHENE	N.D.	0.05	N.D.	--
PYRENE	N.D.	0.05	N.D.	87
BUTYL BENZYL PHTHALATE	N.D.	0.05	N.D.	--
3,3'-DICHLOROBENZIDINE	N.D.	0.10	N.D.	--
BENZO(A)ANTHRACENE	N.D.	0.05	N.D.	--
BIS(2-ETHYLHEXYL)PHTHALATE	0.10	0.05	N.D.	--
CHRYSENE	N.D.	0.05	N.D.	--
DI-N-OCTYL PHTHALATE	N.D.	0.05	N.D.	--
BENZO(B)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(K)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(A)PYRENE	N.D.	0.05	N.D.	--
INDENO(1,2,3 C,D)PYRENE	N.D.	0.05	N.D.	--
DIBENZ(A,H)ANTHRACENE	N.D.	0.05	N.D.	--
BENZ(G,H,I)PERYLENE	N.D.	0.05	N.D.	--

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CHROMALAB, INC.

Environmental Services (SDB)

October 5, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: One sample for Semivolatile Organic Compounds (B/NAs) analysis.
Method: EPA 3550/8270

SampleID: **SSW-2**
Sample #: 102925 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 15, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
PHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROETHYL)ETHER	N.D.	0.05	N.D.	--
2-CHLOROPHENOL	N.D.	0.05	N.D.	82
1,3-DICHLOROBENZENE	N.D.	0.05	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.05	N.D.	--
BENZYL ALCOHOL	N.D.	0.05	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.05	N.D.	--
2-METHYLPHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.05	N.D.	--
4-METHYLPHENOL	N.D.	0.05	N.D.	--
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	N.D.	70
HEXACHLOROETHANE	N.D.	0.05	N.D.	--
NITROBENZENE	N.D.	0.05	N.D.	--
ISOPHORONE	N.D.	0.05	N.D.	--
2-NITROPHENOL	N.D.	0.05	N.D.	--
2,4-DIMETHYLPHENOL	N.D.	0.05	N.D.	--
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.05	N.D.	--
2,4-DICHLOROPHENOL	N.D.	0.05	N.D.	--
1,2,4-TRICHLOROBENZENE	N.D.	0.05	N.D.	70
NAPHTHALENE	N.D.	0.05	N.D.	--
4-CHLOROANILINE	N.D.	0.05	N.D.	--
HEXACHLOROBUTADIENE	N.D.	0.05	N.D.	--
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	N.D.	87
2-METHYLNAPHTHALENE	N.D.	0.05	N.D.	--
HEXACHLOROCYCLOPENTADIENE	N.D.	0.05	N.D.	--
2,4,6-TRICHLOROPHENOL	N.D.	0.05	N.D.	--
2,4,5-TRICHLOROPHENOL	N.D.	0.05	N.D.	--
2-CHLORONAPHTHALENE	N.D.	0.05	N.D.	--
2-NITROANILINE	N.D.	0.05	N.D.	--
DIMETHYL PHTHALATE	N.D.	0.05	N.D.	--
ACENAPHTHYLENE	N.D.	0.05	N.D.	--
3-NITROANILINE	N.D.	0.05	N.D.	--
ACENAPHTHENE	N.D.	0.05	N.D.	68
2,4-DINITROPHENOL	N.D.	0.25	N.D.	--
4-NITROPHENOL	N.D.	0.05	N.D.	--
DIBENZOFURAN	N.D.	0.05	N.D.	--
2,4-DINITROTOLUENE	N.D.	0.05	N.D.	--
2,6-DINITROTOLUENE	N.D.	0.05	N.D.	--
DIETHYL PHTHALATE	N.D.	0.05	N.D.	--

CHROMALAB, INC.
Environmental Services (SDB)

October 5, 1995

Submission #: 9509182
page 2

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995
re: One sample for Semivolatile Organic Compounds (B/NAs) analysis, continued.
Method: EPA 3550/8270
SampleID: **SSW-2**
Sample #: 102925 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 15, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
FLUORENE	N.D.	0.05	N.D.	--
4-NITROANILINE	N.D.	0.05	N.D.	--
4,6-DINITRO-2-METHYLPHENOL	N.D.	0.25	N.D.	--
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.05	N.D.	--
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
HEXACHLOROBENZENE	N.D.	0.05	N.D.	--
PENTACHLOROPHENOL	N.D.	0.25	N.D.	74
PHENATHRENE	N.D.	0.05	N.D.	--
ANTHRACENE	N.D.	0.05	N.D.	--
DI-N-BUTYL PHTHALATE	0.26	0.05	0.10	--
FLUORANTHENE	N.D.	0.05	N.D.	--
PYRENE	N.D.	0.05	N.D.	87
BUTYL BENZYL PHTHALATE	N.D.	0.05	N.D.	--
3,3'-DICHLOROBENZIDINE	N.D.	0.10	N.D.	--
BENZO(A)ANTHRACENE	N.D.	0.05	N.D.	--
BIS(2-ETHYLHEXYL)PHTHALATE	0.06	0.05	N.D.	--
CHRYSENE	N.D.	0.05	N.D.	--
DI-N-OCTYL PHTHALATE	N.D.	0.05	N.D.	--
BENZO(B)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(K)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(A)PYRENE	N.D.	0.05	N.D.	--
INDENO(1,2,3 C,D)PYRENE	N.D.	0.05	N.D.	--
DIBENZ(A,H)ANTHRACENE	N.D.	0.05	N.D.	--
BENZ(G,H,I)PERYLENE	N.D.	0.05	N.D.	--

Alex Tam
Chemist

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CHROMALAB, INC.
Environmental Services (SDB)

October 5, 1995

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995
re: One sample for Semivolatile Organic Compounds (B/NAs) analysis, continued.
Method: EPA 3550/8270
SampleID: **SSW-2**
Sample #: 102925 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 15, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
FLUORENE	N.D.	0.05	N.D.	--
4-NITROANILINE	N.D.	0.05	N.D.	--
4,6-DINITRO-2-METHYLPHENOL	N.D.	0.25	N.D.	--
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.05	N.D.	--
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	N.D.	--
HEXACHLOROBENZENE	N.D.	0.05	N.D.	--
PENTACHLOROPHENOL	N.D.	0.25	N.D.	74
PHENATHRENE	N.D.	0.05	N.D.	--
ANTHRACENE	N.D.	0.05	N.D.	--
DI-N-BUTYL PHTHALATE	0.26	0.05	0.10	--
FLUORANTHENE	N.D.	0.05	N.D.	--
PYRENE	N.D.	0.05	N.D.	87
BUTYL BENZYL PHTHALATE	N.D.	0.05	N.D.	--
3,3'-DICHLOROBENZIDINE	N.D.	0.10	N.D.	--
BENZO(A)ANTHRACENE	N.D.	0.05	N.D.	--
BIS(2-ETHYLHEXYL)PHTHALATE	0.06	0.05	N.D.	--
CHRYSENE	N.D.	0.05	N.D.	--
DI-N-OCTYL PHTHALATE	N.D.	0.05	N.D.	--
BENZO(B)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(K)FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO(A)PYRENE	N.D.	0.05	N.D.	--
INDENO(1,2,3 C,D)PYRENE	N.D.	0.05	N.D.	--
DIBENZ(A,H)ANTHRACENE	N.D.	0.05	N.D.	--
BENZ(G,H,I)PERYLENE	N.D.	0.05	N.D.	--

Alex Tam
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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995
re: One sample for Semivolatiles (Base/Neutral/Acid Extractable) analysis.
Method: EPA 3510/8270
SampleID: **GW-1**
Sample #: 102923 *Matrix:* WATER *Extracted:* September 19, 1995
Sampled: September 15, 1995 *Run:* 8545-A *Analyzed:* September 20, 1995

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
PHENOL	N.D.	2	N.D.	--
BIS(2-CHLOROETHYL)ETHER	N.D.	2	N.D.	--
2-CHLOROPHENOL	N.D.	2	N.D.	39
1,3-DICHLOROBENZENE	N.D.	2	N.D.	--
1,4-DICHLOROBENZENE	N.D.	2	N.D.	--
BENZYL ALCOHOL	N.D.	2	N.D.	--
1,2-DICHLOROBENZENE	N.D.	2	N.D.	--
2-METHYLPHENOL	N.D.	2	N.D.	--
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	2	N.D.	--
4-METHYLPHENOL	N.D.	2	N.D.	--
N-NITROSO-DI-N-PROPYLAMINE	N.D.	2	N.D.	51
HEXACHLOROETHANE	N.D.	2	N.D.	--
NITROBENZENE	N.D.	2	N.D.	--
ISOPHORONE	N.D.	2	N.D.	--
2-NITROPHENOL	N.D.	2	N.D.	--
2,4-DIMETHYL PHENOL	N.D.	2	N.D.	--
BIS(2-CHLOROETHOXY)METHANE	N.D.	2	N.D.	--
2,4-DICHLOROPHENOL	N.D.	2	N.D.	--
1,2,4-TRICHLOROBENZENE	N.D.	2	N.D.	48
NAPHTHALENE	N.D.	2	N.D.	--
4-CHLOROANILINE	N.D.	2	N.D.	--
HEXACHLOROBUTADIENE	N.D.	2	N.D.	--
4-CHLORO-3-METHYLPHENOL	N.D.	4	N.D.	44
2-METHYLNAPHTHALENE	N.D.	2	N.D.	--
HEXACHLOROCYCLOPENTADIENE	N.D.	2	N.D.	--
2,4,6-TRICHLOROPHENOL	N.D.	2	N.D.	--
2,4,5-TRICHLOROPHENOL	N.D.	2	N.D.	--
2-CHLORONAPHTHALENE	N.D.	2	N.D.	--
2-NITROANILINE	N.D.	2	N.D.	--
DIMETHYL PHTHALATE	N.D.	2	N.D.	--
ACENAPHTHYLENE	N.D.	2	N.D.	--
3-NITROANILINE	N.D.	2	N.D.	--
ACENAPHTHENE	N.D.	2	N.D.	57
2,4-DINITROPHENOL	N.D.	10	N.D.	--
4-NITROPHENOL	N.D.	10	N.D.	--
DIBENZOFURAN	N.D.	2	N.D.	--
2,4-DINITROTOLUENE	N.D.	2	N.D.	--
2,6-DINITROTOLUENE	N.D.	2	N.D.	--
DIETHYL PHTHALATE	N.D.	2	N.D.	--
4-CHLOROPHENYLPHENYLETHER	N.D.	2	N.D.	--
FLUORENE	N.D.	2	N.D.	--
4-NITROANILINE	N.D.	2	N.D.	--

CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995

Submission #: 9509182
page 2

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995
re: One sample for Semivolatiles (Base/Neutral/Acid Extractable) analysis, continued.
Method: EPA 3510/8270
SampleID: **GW-1**
Sample #: 102923 *Matrix:* WATER *Extracted:* September 19, 1995
Sampled: September 15, 1995 *Run:* 8545-A *Analyzed:* September 20, 1995

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
4,6-DINITRO-2-METHYLPHENOL	N.D.	10	N.D.	--
N-NITROSODI-N-PHENYLAMINE	N.D.	2	N.D.	--
4-BROMOPHENYLPHENYLETHER	N.D.	2	N.D.	--
HEXACHLOROBENZENE	N.D.	2	N.D.	--
PENTACHLOROPHENOL	N.D.	10	N.D.	32
PHENANTHRENE	N.D.	2	N.D.	--
ANTHRACENE	N.D.	2	N.D.	--
DI-N-BUTYL PHTHALATE	N.D.	2	N.D.	--
FLUORANTHENE	N.D.	2	N.D.	--
PYRENE	N.D.	2	N.D.	64
BUTYL BENZYL PHTHALATE	N.D.	2	N.D.	--
3,3'-DICHLOROBENZIDINE	N.D.	4	N.D.	--
BENZO(A)ANTHRACENE	N.D.	2	N.D.	--
BIS(2-ETHYLHEXYL)PHTHALATE	4	2	N.D.	--
CHRYSENE	N.D.	2	N.D.	--
DI-N-OCTYLPHTHALATE	N.D.	2	N.D.	--
BENZO(B)FLUORANTHENE	N.D.	2	N.D.	--
BENZO(K)FLUORANTHENE	N.D.	2	N.D.	--
BENZO(A)PYRENE	N.D.	2	N.D.	--
INDENO(1,2,3-CD)PYRENE	N.D.	2	N.D.	--
DIBENZO(A,H)ANTHRACENE	N.D.	2	N.D.	--
BENZ(GHI)PERYLENE	N.D.	2	N.D.	--
BENZOIC ACID	N.D.	2	N.D.	--

Alex Tam
Chemist

Ali Khaarrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

September 21, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 2 samples for Cadmium, Chromium, Lead, Nickel, and Zinc analysis.
Method: EPA 3050A M/6010

Sampled: September 15, 1995 *Matrix:* SOIL *Extracted:* September 20, 1995
Run: 8530-C *Analyzed:* September 20, 1995

Spl #	Sample ID	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
102924	NSW-1	0.8	30	15	61	38
102925	SSW-2	1.0	26	19	34	78
	Reporting Limits	0.5	1.0	1.0	1.0	1.0
	Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	94	93	85	93	89

Charles Woolley
Chemist

John S. Labash
Inorganic Supervisor

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 20, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: 1 sample for Cadmium, Chromium, Lead, Nickel, and Zinc analysis.
Method: EPA 3010A M/6010

Sampled: September 15, 1995 *Matrix:* WATER *Extracted:* September 20, 1995
Run: 8515-D *Analyzed:* September 20, 1995

Spl #	Sample ID	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Nickel (mg/L)	Zinc (mg/L)
102923	GW-1	N.D.	0.02	0.02	0.02	0.48
	Reporting Limits	0.005	0.01	0.01	0.01	0.01
	Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	98	100	108	103	109

Charles Woolley
Chemist

John S. Labash
Inorganic Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995

INDUSTRIAL COMPLIANCE-OAKLAND *Submission #:* 9509182

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728

REPORTING INFORMATION

Sample(s) were received cold and in good condition on **September 15, 1995**. They were refrigerated on receipt, and analyzed on the date shown on the attached report. ChromaLab followed EPA or equivalent methods for all analyses reported.

No discrepancies were observed or difficulties encountered with the analysis.

Motor oil was also observed in sample, SSW-2.

Jill Thomas
Quality Assurance Manager

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **GW-1**
Sample #: 102923 *Matrix:* WATER
Sampled: September 15, 1995 *Run:* 8556-O *Analyzed:* September 19, 1995

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	75
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	99
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	106
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Ali Khafrazi
Organic Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010/8260

SampleID: **NSW-1**
Sample #: 102924 *Matrix:* SOIL
Sampled: September 15, 1995 *Run:* 8558-O *Analyzed:* September 19, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	77
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	96
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	98
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

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CHROMALAB, INC.

Environmental Services (SDB)

September 22, 1995 *Submission #:* 9509182

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EAST AUTOMOTIVE UST *Project#:* 05100728
Received: September 15, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010/8260

SampleID: **SSW-2**
Sample #: 102925 *Matrix:* SOIL
Sampled: September 15, 1995 *Run:* 8558-O *Analyzed:* September 19, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	77
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	96
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	98
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

[redacted] 23916

CHAIN-OF-CUSTODY RECORD

P.O. Box 24374 Oakland CA 94623-1374

No. 20851

INDUSTRIAL COMPLIANCE • ~~9888 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559~~ • 510-238-9540 510-235-9845 Phone ~~916-369-8971~~ • FAX ~~916-369-8370~~

PROJECT NAME	PROJECT LOCATION
EASY AUTOMOTIVE UST	ALBANY CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
05160728	JAMES ACKERMAN	(510) 238-9540

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	CARL TAYLOR

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH-G (8015) / BTEX (8020)	VOCs (8010)	TPH-DIESEL	SEMI VOLATILES (8270)	OIL & GREASE 413.1	LUFT METALS		
1	GW-1	9-15	1050		8	GROUNDWATER SAMPLE FROM EXCAVATION PIT ~DEPTH: 4.5'		2	2	1	1	1	1		
2	NSW-1	↓	1120		1	SOIL SIDEWALL SAMPLE (NORTH WALL) ~DEPTH: 4.0'		X	X	X	X	X	X		
3	SSW-2	↓	1125		1	SOIL SIDEWALL SAMPLE (SOUTH WALL) ~DEPTH: 4.0'		X	X	X	X	X	X		
4															
5															
6															
7															
8															
9															
10															

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	10	James Ackerman		9/15	1329
2					
3					
4					

REMARKS

5 DAY T.A.T.

P.O.# 01866

SAMPLER'S NAME: JAMES ACKERMAN

SAMPLER'S SIGNATURE: James Ackerman

LAB COPY

CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995

INDUSTRIAL COMPLIANCE-OAKLAND *Submission #:* 9509199

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728

REPORTING INFORMATION

Sample(s) were received cold and in good condition on **September 18, 1995**. They were refrigerated on receipt, and analyzed on the date shown on the attached report. ChromaLab followed EPA or equivalent methods for all analyses reported.

No discrepancies were observed or difficulties encountered with the analysis.

Motor oil was also observed in sample, EASY-STK-1A,B,C,D.

Jill Thomas
Quality Assurance Manager

Eric Tam
Laboratory Director

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 21, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: 1 sample for Cadmium, Chromium, Lead, Nickel, and Zinc analysis.
Method: EPA 3050A M/6010

Sampled: September 18, 1995 *Matrix:* SOIL *Extracted:* September 20, 1995
Run: 8530-C *Analyzed:* September 20, 1995

Spl #	Sample ID	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
103116	EASY-STK-1A,B,C,D	1.5	23	46	38	130
	Reporting Limits	0.5	1.0	1.0	1.0	1.0
	Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	94	93	85	93	89

Charles Woolley
Chemist

John S. Labash
Inorganic Supervisor

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: 1 sample for Total Recoverable Petroleum Hydrocarbons analysis.
Method: EPA 413.1

Sampled: September 18, 1995 *Matrix:* SOIL *Extracted:* September 22, 1995
Run: 8571-C *Analyzed:* September 22, 1995

Spl #	Sample ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
103116	EASY-STK-1A,B,C,D	1100	10	N.D.	--

Carolyn House
Extractions Supervisor

Ali Kharrazi
Organic Manager

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CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: 1 sample for Diesel analysis.
Method: EPA 3550/8015M

Sampled: September 18, 1995 *Matrix:* SOIL *Extracted:* September 19, 1995
Run: 8534-K *Analyzed:* September 22, 1995

Spl #	Sample ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
103116	EASY-STK-1A,B,C,D	250	1.0	N.D.	89

Kayvan Kimyai
Chemist

Ali Kharrazi
Organic Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: 1 sample for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/8020

Sampled: September 18, 1995 *Matrix:* SOIL
Run: 8585-S *Analyzed:* September 25, 1995

Spl #	Sample ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
103116	EASY-STK-1A,B,C,D	N.D.	N.D.	N.D.	N.D.	N.D.
	Reporting Limits	1.0	5.0	5.0	5.0	5.0
	Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	100	105	104	109	101

Surinder Sidhu
Surinder Sidhu
Analyst

Ali Kharrazi
Organic Manager

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CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010/8260

SampleID: **EASY-STK-1A,B,C,D**
Sample #: 103116 *Matrix:* SOIL
Sampled: September 18, 1995 *Run:* 8589-O *Analyzed:* September 20, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	98
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	101
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

September 25, 1995 *Submission #:* 9509199

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor

Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995

re: One sample for Semivolatile Organic Compounds (B/NAs) analysis.
Method: EPA 3550/8270

SampleID: **EASY-STK-1A,B,C,D**
Sample #: 103116 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 18, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
PHENOL	N.D.	0.5	N.D.	--
BIS(2-CHLOROETHYL)ETHER	N.D.	0.5	N.D.	--
2-CHLOROPHENOL	N.D.	0.5	N.D.	82
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
BENZYL ALCOHOL	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
2-METHYLPHENOL	N.D.	0.5	N.D.	--
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.5	N.D.	--
4-METHYLPHENOL	N.D.	0.5	N.D.	--
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.5	N.D.	70
HEXACHLOROETHANE	N.D.	0.5	N.D.	--
NITROBENZENE	N.D.	0.5	N.D.	--
ISOPHORONE	N.D.	0.5	N.D.	--
2-NITROPHENOL	N.D.	0.5	N.D.	--
2,4-DIMETHYLPHENOL	N.D.	0.5	N.D.	--
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.5	N.D.	--
2,4-DICHLOROPHENOL	N.D.	0.5	N.D.	--
1,2,4-TRICHLOROBENZENE	N.D.	0.5	N.D.	70
NAPHTHALENE	N.D.	0.5	N.D.	--
4-CHLOROANILINE	N.D.	0.5	N.D.	--
HEXACHLOROBUTADIENE	N.D.	0.5	N.D.	--
4-CHLORO-3-METHYLPHENOL	N.D.	1.0	N.D.	87
2-METHYLNAPHTHALENE	N.D.	0.5	N.D.	--
HEXACHLOROCYCLOPENTADIENE	N.D.	0.5	N.D.	--
2,4,6-TRICHLOROPHENOL	N.D.	0.5	N.D.	--
2,4,5-TRICHLOROPHENOL	N.D.	0.5	N.D.	--
2-CHLORONAPHTHALENE	N.D.	0.5	N.D.	--
2-NITROANILINE	N.D.	0.5	N.D.	--
DIMETHYL PHTHALATE	N.D.	0.5	N.D.	--
ACENAPHTHYLENE	N.D.	0.5	N.D.	--
3-NITROANILINE	N.D.	0.5	N.D.	--
ACENAPHTHENE	N.D.	0.5	N.D.	68
2,4-DINITROPHENOL	N.D.	2.5	N.D.	--
4-NITROPHENOL	N.D.	0.5	N.D.	--
DIBENZOFURAN	N.D.	0.5	N.D.	--
2,4-DINITROTOLUENE	N.D.	0.5	N.D.	--
2,6-DINITROTOLUENE	N.D.	0.5	N.D.	--
DIETHYL PHTHALATE	N.D.	0.5	N.D.	--
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.5	N.D.	--

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CHROMALAB, INC.
Environmental Services (SDB)

September 25, 1995

INDUSTRIAL COMPLIANCE-OAKLAND

Atten: Carl Taylor
Project: EASY AUTOMOTIVE UST *Project#:* 05100728
Received: September 18, 1995
re: One sample for Semivolatile Organic Compounds (B/NAs) analysis, continued.
Method: EPA 3550/8270
SampleID: **EASY-STK-1A,B,C,D**
Sample #: 103116 *Matrix:* SOIL *Extracted:* September 23, 1995
Sampled: September 18, 1995 *Run:* 8599-A *Analyzed:* September 25, 1995

Analyte	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
FLUORENE	N.D.	0.5	N.D.	--
4-NITROANILINE	N.D.	0.5	N.D.	--
4,6-DINITRO-2-METHYLPHENOL	N.D.	2.5	N.D.	--
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.5	N.D.	--
4-BROMOPHENYL PHENYL ETHER	N.D.	0.5	N.D.	--
HEXACHLOROBENZENE	N.D.	0.5	N.D.	--
PENTACHLOROPHENOL	N.D.	2.5	N.D.	74
PHENATHRENE	N.D.	0.5	N.D.	--
ANTHRACENE	N.D.	0.5	N.D.	--
DI-N-BUTYL PHTHALATE	1.5	0.5	0.10	--
FLUORANTHENE	N.D.	0.5	N.D.	--
PYRENE	N.D.	0.5	N.D.	87
BUTYL BENZYL PHTHALATE	N.D.	0.5	N.D.	--
3,3'-DICHLOROBENZIDINE	N.D.	1.0	N.D.	--
BENZO(A)ANTHRACENE	N.D.	0.5	N.D.	--
BIS(2-ETHYLHEXYL)PHTHALATE	1.5	0.5	N.D.	--
CHRYSENE	N.D.	0.5	N.D.	--
DI-N-OCTYL PHTHALATE	N.D.	0.5	N.D.	--
BENZO(B)FLUORANTHENE	N.D.	0.5	N.D.	--
BENZO(K)FLUORANTHENE	N.D.	0.5	N.D.	--
BENZO(A)PYRENE	N.D.	0.5	N.D.	--
INDENO(1,2,3 C,D)PYRENE	N.D.	0.5	N.D.	--
DIBENZ(A,H)ANTHRACENE	N.D.	0.5	N.D.	--
BENZ(G,H,I)PERYLENE	N.D.	0.5	N.D.	--

For above sample: REPORTING LIMITS RAISED BY 10X DUE TO MATRIX INTERFERENCE

Alex Tam
Chemist

Ali Kharrazi
Organic Manager

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198/103116 … 989

CHAIN-OF-CUSTODY RECORD

P.O. Box 24374 Oakland CA 94623-1374

No. 20854

INDUSTRIAL COMPLIANCE ~~9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559~~ • Phone ~~916-369-8971~~ 510-238-9540 • FAX ~~916-369-8370~~ 510-238-9145

PROJECT NAME	PROJECT LOCATION
EASY AUTOMOTIVE UST	ALBANY, CA

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
05100728	JAMES ACKERMAN	(510) 238-9540

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	CARL TAYLOR

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

SUBM #: [illegible]
CLIENT: INDCOMP-OA
DUE: 09/25/95
REF #: 23735

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TPH-G (8015) BTEX (8020)	VOCs (8010)	TPH-DIESEL	SEMI-VOLATILES (8270)	OIL & GREASE 413.1	LUFT MET 5			
1	EASY-STK-1A,B,C,D	9-18	1400-1415	X		4 COMPOSITE SAMPLES FOR STOCKPILE (SOIL)	4	X	X	X	X	X	X			COMPOSITE FOUR SAMPLE INTO ONE
2																
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	James Ackerman	Peter [illegible]	9/18/95	15:41
2					
3					
4					

REMARKS

STANDARD T.A.T.

P.O. #018668 JBA

SAMPLER'S NAME	SAMPLER'S SIGNATURE
JAMES ACKERMAN	James Ackerman

LAB COPY