

December 21, 1993

Mr. Jack Etter Special Administrator for Estate of Alys Claire Garcia 16110 Hexhan Drive Spring, TX 77379

RE: Subsurface Environmental Investigation 223 East 14th Street, San Leandro, CA

Dear Mr. Etter:

Attached is the draft report of findings for the subsurface soil investigation performed by ACC Environmental Consultants, Inc. (ACC) on December 3, 1993.

The subsurface investigation was performed to determine if the site has been impacted by chemicals used in the dry cleaning operation due to potential leaks from equipment or spills into the floor drains.

Subsurface soil investigation was conducted by ACC on December 3, 1993. Four borings were drilled on the property along a sewer lateral. During drilling and sampling of the soil, volatile organics were detected in the soil using the Photoionization Detector (PID). Reading up to 1-5 parts per million (ppm) were recorded from the PID. No other field indications (i.e. discoloration) were observed in the collected samples.

The subsurface soil around the sewer lateral consisted of silty sand which became increasingly siltier and clayier with depth, grading into clay to the depth investigated of 25 feet. No groundwater was encountered during the subsurface investigation.

Soil samples were collected from each boring at a depth of 5, 10 and 15 feet below ground surface. Soil samples from 5 and 10 feet were submitted to an EPA accredited analytical laboratory for analysis.

Results of the soil analysis indicated detectable levels of Tetrachloroethene, also known as Tetrachloroethylene or ,Perchloroethylene (PCE), a common dry cleaning solvent in the soil samples from five feet below ground surface in all four soil borings.

Results of the laboratory analysis of the soil collected from ten feet below ground surface indicated increasing levels of PCE and detectable levels of Trichloroethene (TCE) in all four borings and detectable levels of 1,2-Dichloroethene (DCE) in boring B3. TCE and DCE are believed to be "daughter" products of PCE from its degradation.

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Mr. Jack Etter Subsurface Environmental Investigation December 21, 1993 Page 2

Since levels of constituents in the soil were reported to be above laboratory detection levels, pursuant to Title 23 of the California Code of Regulations (CCR); the property owner must report the findings of this investigation to the Regional Water Quality Control Board and Alameda County Health Care Services Agency as the discovery of any unauthorized release.

Our experience has been that, due to the solvent levels reported in the soil, the regulatory agencies will recommend further investigation to determine the extent of soil contamination and if groundwater has been impacted.

The regulatory agencies will likely require from one to three groundwater monitoring wells to be installed on-site. The wells will need to be monitoring for a minimum of one year to determine if there are contaminates in the groundwater, the extent of contaminates in the groundwater, groundwater flow gradient and direction. These wells wil also be used to evaluate if contaminate plumes are moving, and if additional contaminates are impacting the property from off-site sources. The cost for a groundwater impact study including installing three monitoring wells, analytical and quarterly groundwater sampling for one year is estimated \$20,000 - \$25,000.

In addition, the regulatory agencies may recommend further evaluation of the extent of soil contamination. This can be performed using several methods. One method includes drilling additional soil borings and collecting soil and possibly grab groundwater samples. If laboratory results indicate detectable levels in the initial borings, additional "step-out" borings will need to be drilled to define the lateral extent of the contaminated soil. Our best estimate of 12 to 16 borings may need to be drilled to accurately define the contaminate plume. The cost for drilling, and sampling is approximately \$16,000 - \$20,000.

An alternate method to determine the extent of soil impact is to conduct a Soil Gas Survey. The Soil Gas Survey method is a good reconnaissance tool that can product results quickly. The data, however, is not reproducible and is not acceptable by the regulatory agencies as defenable data. It is a good tool for more accurately determining where to place verification borings as opposed to the "step out" method mentioned above. The cost for a Soil Gas Survey is approximately \$5,000 - \$7,000, including analytical.

Mr. Jack Etter Subsurface Environmental Investigation December 21, 1993 Page 3

The most cost effective method is to combine a Soil Gas Survey to evaluate the extent of contamination in the soil and then drill verification borings to determine the contaminate plume magnitude. This combination of the methods will take approximately 2 to 3 days at an estimated cost \$12,000 - \$16,000 (including analytical costs).

The total cost to investigate the property and determine the extent of contamination within the soil, and evaluate the groundwater impact is estimated to cost \$32,000 - \$41.000

These costs are only for budgeting purposes and can vary depending on the depth to groundwater, extent of contaminate plume and regulatory requirements.

We will work with you and the regulatory agencies to minimize the required work and associated costs.

If you should have any question regarding the procedures or findings in the report, please feel free to contact me.

Sincerely,

Misty Waltreider

Geologist

cc: Ms. Susan Bayne Churchill - Principal

Mr. Chuck Miller - Director of Marketing



SUBSURFACE ENVIRONMENTAL INVESTIGATION 233 EAST 14TH STREET SAN LEANDRO, CALIFORNIA

Prepared for:

Mr. Jack Etter
Special Administrator of the Estate of Alys C. Garcia
16110 Hexhan Drive
Spring, TX 77379

Prepared by:

ACC Environmental Consultants, Inc.
December, 1993

Nº 1262
CERTIFIED
ENGINEERING
GEOLOGIST
OF CALIFORNIA

Prepared By:

Reviewed By:

Misty Kaltreider
Project Geologist

Christopher M. Palmer, CEG # 1262 Certified Engineering Geologist



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1.0 INTRODUCTION

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On behalf of Mr. Jack Etter, Special Administrator of the Estate of Alya C. Garcia (Client), ACC Environmental Consultants, Inc. ("ACC") conducted a subsurface environmental investigation of the property located at 233 East 14th Street in San Leandro, California (Figure 1). The work was performed in accordance with the Contract Agraement dated November 16, 1993. The tasks included in the scope of services were as follows:

- o coordinate soil sampling activities including obtaining proper permits from the local agencies
- o drill and sample exploratory borings strategically located at the subject property to characterize the type of soil and determine if the soil has been impacted from previous site use
- o submit soil samples to an analytical laboratory for avaluation of volatile organic compounds
- o evaluate the information obtained and prepare a report of findings

2.0 BACKGROUND

The property located at 223 East 14th Street in San Leandro, California has had a dry cleaning operation and retail facility located on the site for over 20 years. During this period, an on-site sewer line broke which led from floor drains inside the dry-cleaning shop to the sewer main. The main line was repaired. The special administrator for the estate requested a Phase II site investigation to evaluate whether the site has been impacted by the chemicals used in dry-cleaning operations which may have been washed into the floor drains through leaks from equipment or spills.

3.0 FIELD PROCEDURES

3.1 Subsurface Soil Investigation

Four borings were located on-site adjacent to the previously repaired sewer lateral. The locations of the borings are shown on Figure 2.

Borings B-1 through B-4 were drilled on December 3, 1993 by Environmental Control Associates, Inc. The drilling method used a pneumatically driven precision sampling device equipped with 5-foot sections of 3/4-inch inside diameter galvanized steel probe pipe. The probe pipe was connected to a 1-foot long galvanized steel soil core tube. Stainless steel insert rods were placed through the probe pipe and sampling core tube. The probe pipe, soil core tube and insert rods were together pneumatically driven using a percussion hammer to the desired depth.

To collect soil samples, the insert rods were removed and the probe pipe and core tube were driven one additional foot. The probe pipe, insert rods, and sampling core tube were all pre-cleaned prior to use and between sample drives by washing them with trisodium phosphate (TSP) and potable water solution, a potable water ringe, and distilled water ringe.

Soil samples were collected every five feet and at any noted changes in lithology. The samples were pre-screened with an HNu photoionization detector (PID) calibrated for Hexane.

The soil samples were logged by Ms. Misty Kaltreider, ACC geologist, during drilling and sampling in accordance with the Unified Soil Classification System (ASTM D-2488-84). Lithologic logs of the borings and the Unified Soil Classification System are attached in Appendix A.

Upon collection, each end of the probe pipe was covered with Teflon tape and plastic caps taped to the ends and labels were affixed to the probe pipe sample tubes. All samples were stored in an ice-filled cooler and transported under chain of custody to ChromaLab, a certified Cal/EPA analytical laboratory.

4.0 FINDINGS

4.1 Subsurface Conditions

During the field investigation, the site was observed to be covered with an asphalt cap. Below the asphalt/baserock cap the subsurface soils in the borings consists of yellowish brown to clive brown silty sand to approximately 8 feet in borings B-1, B-2, and B-3. In boring B-4 the subsurface soils consist of clive brown silty sand to approximately 12-1/2 feet. Below the silty sand the soil consists of dark greyish brown to dark brown silty clay to clay to the depth investigated of 25 feet below ground surface.

During drilling and sampling the Photoionization Detector (PID) indicated from 0 to 5 part per million (ppm) of volatile organic compounds vapor.

Groundwater was not encountered during drilling and sampling. All borings were backfilled with a cement/bentonite slurry.

4.2 Analytical Results - Soil

One soil sample was selected from each boring and submitted to ChromaLab, Inc. for analysis of volatile organic compounds by EPA Test Method 8240. Results of the soil sample analyses are summarized in Table 1. Laboratory analytical results with chain of custody forms are attached as Appendix B.

TABLE 1
Analytical Results

Sample No.	1,2-Dichloroethene	(Trans) Tetrachloroothene	Trichloroethene
B1-5	<5	230	<5
B1 · 10	<5	3,600	8.1
B2-5	≺ 5	140	<5
B2-10	<5	4,200	92
D3-5	<\$	88	<5
H3-10	16	710	370
B4 -5	<5	430	<5
B4-10	<5	73.0	13

Notes: All results reported in parts per billion (ppb)
Other analytes reported to be below detection limits.

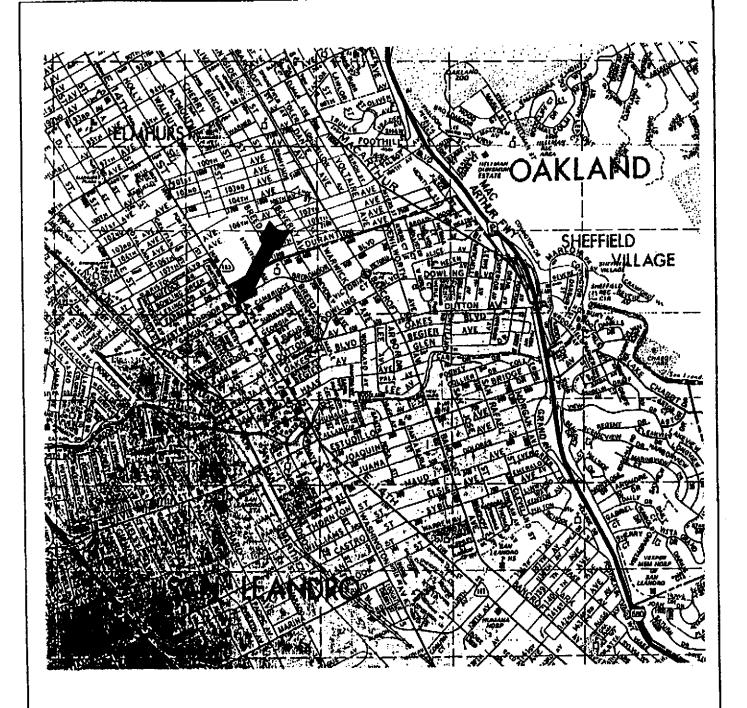
5.0 SUMMARY AND CONCLUSIONS

During the subsurface soil investigation of borings B-1 through B-4, the soils encountered throughout the site included approximately 8 to 12-1/2 feet of silty sand. Soils below the silty sand became clayier with depth.

The PID indicated from 0 to 5 ppm of volatile halogenated hydrocarbons. No other field indications of volatile organics (i.e., soil discoloration) were observed within the soil. Results of the soil analysis indicated detectable levels of Tetrachloroethene, also known as Tetrachloroethylene or Perchloroethylene (PCE), a common dry cleaning solvent in the soil samples from five to ten feet below ground surface.

Results of the laboratory analysis of the soil collected from 10 feet below ground surface indicated increasing levels of PCE and detectable levels of Trichloroethene (TCE) in all four borings and detectable levels of 1,2-Dichloroethene (DCE) in boring B3. TCE and DCE are also solvents used as degressing agents. However, TCE and DCE are also known as "daughter" products formed naturally from the degradation of PCE.

Since levels of constituents in the soil were reported to be above laboratory detection levels, pursuant to Title 23 of the California Code of Regulations (CCR), Division 3, Chapter 16, Article 5, Section 2650; the property owner shall report to the Regional Water Quality Control Board and Alameda County Health Care Services Agency the discovery of any unauthorized release.



Location Map 233 E. 14th Street San Leandro, CA

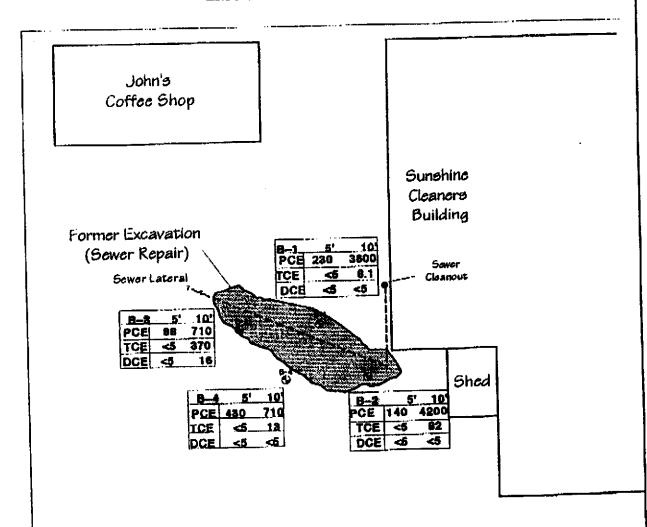
12/17/1993

Drawn By: TRF

Project: 6135-1

Figure 1

ACC Environmental Consultants • 1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501• (510) 522-8188 Fax: (510) 885-5731



Boring Location

PCE = Tetrachloroethene

TCE = Trichloroethene

DCE = 1,2-Dichloroethene (trans)

All results in parts per billion (ppb)

Scale: 1" = 20'

Site Plan 233 E. 14th Street 3an Leandro, California

12/17/1993 Drawn By: TRF Project: 6135-1

Figure 2

ACC Environmental Consultants • 1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501• (510) 522-8188 Fax: (510) 885-5731

	UNIFIED	SOIL CLASS	IFIC	ATIC	N SYSTE	M		
\vdash	MAJOR DIVIS	IONS				CAL NAMES		
1 1		CLEAN GRAVELS	GW		well graded gramixtures	aveis, gravel-eand		
946	GRAVELS more than half	WITH LITTLE OR NO FINES	GP	222		gravels, gravel-sand		
GRAINED SOILS half > #200 sieve	coarse fraction is larger than No. 4	GRAVELS WITH	GМ		silt mixtures	poorly graded gravel-sand		
A VEC	sieve	OVER 12% FINES	GC		clayey gravels, clay mixtures	poorly graded gravel-sand		
COARSE G	SANDS	CLEAN SANDS WITH	sw			nde, gravelly sands		
SCO A	more than half coarse	LITTLE OR NO FINES	SP	10.000	• • •	sands, gravelly sands		
E	traction is smaller	SANDS WITH OVER	зм		mivturas	porty graded sand-silt		
	than No. 4 sieve	12% FINES	sc		clayey eands, poorly graded sand-clay			
Ssieve	CILTS AND CLA	ve	м		Alexan sands.	v.fine sands, rock flour allty or or clayey slits w/sl. plasticity low-med plasticity, gravelty		
	SILTS AND CLAYS liquid limit less than 50				clavs, sandy c	lays, süty clays, lean clays		
FINE GRAINED SOILS	Highid will less w	, iai, 50	OL		organic clays a	nd organic sity clays of		
HE TEN	_		МН		tine sendy or	micaceous or diatomacious sity soils, elastic sits		
W E	SILTY AND C		СН		inorganic clays	of high plasticity, fat		
Torie in	1 1000 111111 31-4-1-	er than 50	ОН	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	organic clays o	of medium to high plasticity		
1-	HIGHLY ORGANIC	SOILS	Pt	※	peat and other	highly organio soils		
		LEGEND FOR	BOF	ing I	.ogs			
	Known Contact Boundary → Formational Boundary Contact Interval → Unit Boundary Depth groundwater was encountered → ("date")							
	CC ENVIRONMENTAL CO 1000 ATLANTIC AVENU ALAMEDA, CA 9	E, SUITE 110		\$	Soil Class	ification System		
Pr	oject No. 6135-1	Date: 12/19	/93	DRI	N: MCK	233 E. 14th Street		

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9.0

Environmental Control Associates, Inc. Pneumatic Sampler.	SAMPLE *	Depth (feet)	LOGGED BY: PROJECT: 25 START DATE	33 East 14th Street :: 12/03/93	
Munsel Color Scale		2 -	gravel gravel	it: 4" tift. Lt. brown silty (GM) & clayey gravel (GC), rained,dense (haserock)	
(12YR-4/4)	1 B1-5	4 6	Dark yel (SM), lo	lowish brown silty sand ose, moist.	
(10YR-3/2)	0-1 B1-10	8 -	(CL) wi	ark greylsh brown slity clay ith trace very fine sand, stiff, moist.	
(10YR-3/3)	0 - 1 B1 - 15	14 -	Dark to	prown clay (CL) with trace very fine sand, stiff, moist.	
	No Sample	18	POL	OM OF BORING @ 20 feet	
		22 24		CIM CI DOMINIA C COMM	
		2 6 2 8			
ACC ENVIRONMENTA 1000 ATLANTIC AVE	L CONSULTANTS	JOB NO:	6135-1	LOG OF BORING B-1 233 East 14th Street	
ALAMEDA,	CA 94501	DATE:	12/03/93	San Leandro, CA	

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Environmental Control Associates, Inc. Pneumatic Sampler.	add SAMPLE #	Sam Loter	epth LOGG	PMENT: Pneumatic Sampler SED BY: M. Kaltreider SECT: 233 East 14th Street ST DATE: 12/03/93 Asphalt: 4" lift. Lt. brown silly	_
Munsel Color Scale			2 —	Asphait: 4" lift. Et. blown bity gravel (GM) & clayey gravel (G med grained,dense (haserock)	C),
(2.5Y-4/3)	1 - 5 B 2 - 5		6 —	Olive brown silty sand (SM) very tine grain, loose, moist.	
(10YR-3/2)	0-1 B2-1	0	- 8	Very dark greyish brown silty of (CL) with trace very tine sand, medium stiff, plastic, moist.	ay
(10YR-4/3)	0 B2-	15	-14 -	Dark brown clay (CL) with trac silt, medium stiff, plastic, moi:	 e st.
			-18 - -20 -		
	No San	apte	- 22 - - 24 -	Same as above	
			- 26 - - 28 -	BOTTOM OF BORING @ 25 fo	et
ACC ENVIRONMENT 1000 ATLANTIC AV	/EUNUE, SUITE		JOB NO: 613	LOG OF BORING B-2 233 East 14th Stree San Leandro, CA	
ALAMEDA	, CA 94501		DATE: 12	2/03/93	

Environmental Control Associates, Inc. Pneumatic Sampler.	HNu (ppm)	SAMPLE #	Depth (feet)	LOGGED BY: PROJECT: 2 START DATE	33 East 14th Street E: 12/03/93
Munsel Color Scale				gravel	ult: 4" lift. Lt. brown silty I (GM) & clayey gravel (GC), grained,danse (baserock)
(10YR-4/4)	1-5 B	3-5	6	Dark y (SM) v	rellowish brown silty sand very tine grain, loose, moist.
(10YR-4/4)	0-1 B	3-10	10 -	Dark ye medium	allowish brown sandy silt (ML) stiff, moist.
(10YR-4/3)	0 B	3-15	14 -	stitt,	brown clay (CL), medium very plastic, moist.
			18 ·	4	
			22		
			24	-	
			28	-	
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110			JOB NO:	6135-1	LOG OF BORING B-3 233 East 14th Street San Leandro, CA
ALAMEDA.	CA 94501		DATE:	12/03/93	San Leanury, CA

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Environmental Control Associates, Inc. Pneumatic Sampler.	HNu [ppm]	SAMPLE #	Sample Interval	Depth (feet)	LOGGI PROJE	ED BY ECT: (F DAT	: Pneumatic Sampler : M. Kaltrelder 233 East 14th Street E: 12/03/93
Munsei Color Scale				— 0 —	2715	grave	alt: 4" lift. Lt. brown slity ol (GM) & clayey gravel (GC), grained,dense (baserock)
(2.5Y-4/3)	1-5	B4-5		4 			brown silty sand (SM) very ain, medium dense to loose.
	0	B4-10		— 6 — — 10 —			e as above
				— 12 <i>-</i>			ler- with trace clay
(10YR-4/3)	0	B4-15		— 14 — — 16 —		stiff,	brown clay (CL), medium very plastic, moist. TOM OF BORING @ 15 feet
				<u> </u>			
				20 -			
				— 22 - — 24 -			
			:	26 -			
				- 28 ~) 00 05 DDDWG 5 4
ACC ENVIRONMENTAL CONSULTANTS 1000 ATLANTIC AVEUNUE, SUITE 110 ALAMEDA, CA 94501				ו ניפנוס:טאוטטנון			LOG OF BORING B-4 233 East 14th Street San Leandro, CA

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December 10, 1993

ChromaLab File#: 9312079

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 233 E. 14TH

Submitted: December 6, 1993

Project#: 6135-1

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B1-5

Matrix: SOIL

Lab #: 38963-1847 Sampled: December 3, 1993 Analyzed: December 9, 1993

Method: EPA 8240

110011041 2111 0010		REPORTING	BLANK	BLANK SPIKE
	RESULT	LIMIT	RESULT	RESULT
ANALYTE	(ug/Kg)	(ug/Kg)	(ug/Kg)	(%)
ACETONE	N.D.	25	N.D.	
BENZENE	N,D,	5	N.D.	
BROMODICHLOROMETHANE	N.D.	5	N.D.	- -
BROMOFORM	N.D.	5	N.D.	
BROMOMETHANE	N.D.	5	N.D.	
2 - BUTANONE	N.D.	5	N.D.	~ =
CARBON TETRACHLORIDE	N.D.	5	N.D.	
CHLOROBENZENE	Ŋ,D,	5	Ŋ.D.	w ~
CHLOROETHANE	N.D.	5	Ŋ.D.	
2-CHLOROETHYLVINYLETHER	N.D.	5	N.D.	
CHLOROFORM	N.D.	5	N.D.	
CHLOROMETHANE	Ŋ.D.	5	Ŋ.D.	
DIBROMOCHLOROMETHANE	M.D.	5	Ŋ.D.	= =
1,1-DICHLOROETHANE	N.D.	5	Ŋ.D.	- -
1,2-DICHLOROETHANE	N.D.	5	Ŋ.D.	
1,1-DICHLOROETHENE	N.D.	2	Ŋ.D.	
1,2-DICHLOROETHENE (CIS)	N.D.	Þ	N.D. N.D.	
1,2-DICHLOROETHENE (TRANS)	N.D.	Ş	N.D.	
1,2-DICHLOROPROPANE	Ŋ.D.	۶	N.D.	
1,3-DICHLOROPROPENE (CIS)	N.D.	5	N.D.	- -
1,3-DICHLOROPROPENE (TRANS)	N.D. N.D.		N.D.	- -
ETHYL BENZENE	N.D.	Ĭ	N.D.	
2-HEXANONE METHYLENE CHLORIDE	N.D.	25	N.D.	
4-METHYL-2-PENTANONE	N.D.	Ę	N.D.	
STYRENE	N.D.	š	N.D.	₩ •
1,1,2,2-TETRACHLOROETHANE	N.D.	ξ	N.D.	93
TETRACHLOROETHENE	230	š	N.D.	111
TOLUENE	N.D.	Ĕ	N.D.	
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	
TRICHLOROETHENE	N.D.	5	N.D.	93
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	
VINYL ACETATE	N.D.	5 255555555555555555555555555555555555	N.D.	
VINYL CHLORIDE	N.D.	5	N.D.	
XYLENES (TOTAL)	N.D.	5	N.D.	

ChromaLab.

David Wintergrass

Chemist

Eric Tam

December 10, 1993

ChromaLab File#: 9312079

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 233 E. 14TH

Submitted: December 6, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B2-5

Matrix: SOIL

Analyzed: December 9, 1993 Lab #: 38964-1847 Sampled: December 3, 1993

Project#: 6135-1

Method: EPA 8240	RESULT	REPORTING LIMIT	BLANK RESULT	BLANK SPIKE RESULT (%)
ANALYTE	(ug/Kg)	មនុក្ស ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិក្រុម ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិក្រុម ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិត ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្វិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភពិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិក្រុម ប្រភព្ធិតិកិតិក្រុម ប្រភព្ធិតិកិតិកិតិកិតិកិតិកិតិកិតិកិតិកិតិកិតិ	(ug/Kg) N.D.	13/
ACETONE	N.D.	25	Й.D.	.
RENZENE	N.D. N.D.	2	N.D.	
BROMODICHLOROMETHANE	й.р.	5	N.D.	
BROMOFORM	N.D.	쿹	N.D.	= -
BROMOMETHANE	Ŋ.D.	5	N.D.	
2-BUTANONE	N.D.	Ĕ	N.D.	
CARBON TETRACHLORIDE	N.D. N.D.	Ĕ	N.D.	- -
CHLOROBENZENE	N.D.	ξ	N.D.	
CHLOROETHANE	и.D.	5	N.D.	
2-CHLOROETHYLVINYLETHER	N.D.	Š	N.D.	
CHLOROFORM	N.D.	Š	N.D.	
CHLOROMETHANE	N.D.	5	N.D.	
DIBROMOCHLOROMETHANE	N.D.	Š	N.D.	
1,1-DICHLOROETHANE	ип	5	N.D.	
1,2-DICHLOROETHANE 1,1-DICHLOROETHENE 1,2-DICHLOROETHENE (CIS) 1,2-DICHLOROETHENE (TRANS)	N.D.	5	И.D.	- -
1,1-DICHLOROETHENE	N.D.	5	Ŋ.D.	- *
1,2-DICHLOROETHENE (CIS)	N.D.	5	Ŋ.D.	- -
1, 2-DICHLOROETHENE (TRANS)	N.D.	5	Ŋ.D.	- -
1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS) 1,3-DICHLOROPROPENE (TRANS)	N.D.	5	N.D.	
1,3-DICHLOROPROPENE (TRANS)		5	N.D.	
1.3-DICHLOROPROPERE (TRAME)	N.D.	5	N.D.	
ETHYL BENZENE	N.D.	5	Ŋ.D.	
2-HEXANONE METHYLENE CHLORIDE	N.D.	25	Ŋ.D.	
4-METHYL-2-PENTANONE	N.D.	5	й.D.	
4-WEIHID-2-FONIAMOND	N.D.	5	Ŋ.D.	93
STYRENE 1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D. N.D.	111
TETRACHLOROETHENE	140	5	N.D.	
TOLUENE	Ñ.D.	ž	N.D.	
1,1,1-TRICHLOROETHANE	N.D.	ž	N.D.	
1 1 2 TRICHLOROETHANE	N.D.	5	n.D.	93
TRICHLOROETHENE	Ŋ.D.	2	N.D.	
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	→ ₩
VINYL ACETATE	N.D.	5	Ŋ.D.	
VINYL CHLORIDE	Ŋ.D.	Ę.	N.D.	
XYLENES (TOTAL)	и.р.	و	20.0	

ChromaLab

David Wintergrass

Chemist

Eric Tam

December 10, 1993

ChromaLab File#: 9312079

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 233 E. 14TH

Project#: 6135-1

Submitted: December 6, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B3-5

Matrix: SOIL

Lab #: 38965-1847 Sampled: December 3, 1993

Analyzed: December 9, 1993

Day W. 20202 Total				
Method: EPA 8240	RESULT	REPORTING LIMIT	Blank Result	BLANK SPIKE RESULT
		(ug/Kg)	(ug/Kg)	(%)
ANALYTE	(ug/Kg)		N.D.	
ACETONE	N.D.	49	N.D.	
DENZENE	N.D.	골	N.D.	_ =
BROMODICHLOROMETHANE	N.D.	2	N.D.	
BROMOFORM	N.D. N.D.	2	N.D.	
BROMOMETHANE	Ŋ,Đ.	2	N.D.	
⇒_birraNANR	N.D.	5	N.D.	
CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE	Ŋ.D.	2	N.D.	_ =
CHLOROBENZENE	N.D.) E	N.D.	- -
CHLOROETHANE	Ŋ.D.	Ę	N.D.	
2-CHLOROETHYLVINYLETHER	N.D.	ž	N.D.	
CHLOROFORM	Ŋ.D.	Ę	N.D.	- -
CHLOROMETHANE	N.D.	Ĕ	Ŋ.D.	
DIBROMOCHLOROMETHANE	Ŋ.D.	។ ឧភភភភ ភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភ	N.D.	
1 1_DICMLORORTHANS	Ŋ.D.	ž	N.D.	
1 2-DICHLOROETHANE	N.D.	Ĕ	N.D.	
1,1-DICHLOROETHENE	Ŋ.D.	Ĕ	N.D.	
1,1-DICHLOROETHENE 1,2-DICHLOROETHENE (CIS) 1,2-DICHLOROETHENE (TRANS)	Ŋ.D.	ξ	N.D. N.D.	F •
1,2-DICHLOROETHENE (TRANS)	Ŋ.D.	Š	N.D.	
1,2-DICHLOROETHENE (TRANS) 1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS) 1,3-DICHLOROPROPENE (TRANS)	N.D.	Ĕ	N.D.	
1.3-DICHLOROPROPENE (CIS)	N.D.	ξ	N.D.	
1,3-DICHLOROPROPENE (TRANS)	N.D.	Ĕ	N.D.	- -
ETHYL BENZENE		Ĕ	N.D.	- -
2-HEXANONE	N.D. N.D.	25	N.D.	
METHYLENE CHLORIDE	N.D.	. 5	N.D.	
4-METHYL-2-PENTANONE	N.D.	5	N.D.	
CTVDENT		Ę	N.D.	93
1,1,2,2-TETRACHLOROETHANE		Š	N.D.	111
TETRACHLOROETHENE	88 N.D.	Š	Ŋ.Ď.	
MATITUSE :	N.D.	5	N.D.	
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE	N.D.	5	Ŋ.D.	93
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	93
TOTOUR CHOKENE	N.D.	5	Ŋ.D.	
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	
VINYL ACETATE	N.D.	ភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភ	Ŋ.D.	
VINYL CHLORIDE	N.D.	5	N.D.	- -
XYLENES (TOTAL)	1112			

ChromaLab,

David Wintergrass

Chemist

Eric Tam

CHROMALAB, INC.

Environmental Laboratory (1094)

December 10, 1993

ChromaLab File#: 9312079

Project#: 6135-1

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: 233 E. 14TH

Submitted: December 6, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B4-5

Lab #: 38966-1847 Sampled: December 3, 1993 Analyzed: December 9, 1993 Method: EPA 8240 Matrix: SOIL

Method: EPA 8240				
		reporting		BLANK SPIKE
	result	LIMIT	RESULT	RESULT
ANALYTE	(ug/Kg)	(ua/Ka)	(ug/Kg)	(%)
ACETONE	N.D.	5 255555555555555555555555555555555555	N.D.	
BENZENE	N.D.	5	Ŋ.D.	
BROMODICHLOROMETHANE	N.D.	5	Ŋ.D.	- -
BROMOFORM	N.D.	5	Ŋ.D.	
BROMOMETHANE	N.D.	5	N.D.	
2-BUTANONE	N.D.	5	Ŋ.D.	
CARBON TETRACHLORIDE	N.D.	5	N.D.	# -
CHLOROBENZENE	N.D.	5	И.D.	
CHLOROETHANE	N.D. N.D.	5	Ŋ.D.	
2-CHLOROETHYLVINYLETHER	N.D.	5	Ŋ.D.	
CHLOROFORM	N.D.	5	N.D. N.D.	
CHLOROMETHANE	N.D.	Þ	N.D.	
DIBROMOCHLOROMETHANE	Ŋ.D.	5	N.D.	
1,1-DICHLOROETHANE	N.D.	5	N.D.	~ ~
1,2-DICHLOROETHANE 1,1-DICHLOROETHENE	Ŋ.D.	5	N.D.	- -
1,1-DICHLOROETHENE	N.D.	2	N.D.	
1,2-DICHLOROETHENE (CIS)	N.D.	2	N.D.	
1,2-DICHLOROETHENE (TRANS)	N.D.	5	N.D.	
1,2-DICHLOROPROPANE	Ŋ.D.	2	N.D.	
1.3-DICHLOROPROPENE (C1S)	Ŋ.D.	2	N.D.	
1,3-DICHLOROPROPENE (TRANS)	N.D.		N.D.	
ETHYL BENZENE	N.D.	5	N.D.	. -
2-HEXANONE	N.D.	5	N.D.	, - -
METHYLENE CHLORIDE	Ŋ.D.	25	N.D.	
4-METHYL-2-PENTANONE	И.D.	Ð	N.D.	
STYRENE	N.D.	2	N.D.	93
1,1,2,2-TETRACHLOROETHANE	N.D.	5 5 5 5	N.D.	111
TETRACHLOROFTHENE	430	ວ ຮ	M N	
TOLIENE DECE	TUE	CTOPPED *	K	
* RECE	エヘロ	210PPED *	•	

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 17, 1993

ChromaLab File#: 9312180

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider Project: 233 E. 14TH ST.

Project#: 6135-1

Submitted: December 14, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B1-10

Matrix: SOIL

Lab #: 39463-1880 Sampled: December 3, 1993

Analyzed: December 15, 1993

Method: EPA 8240

Method: EPA 8240		REPORTING	BLANK	BLANK SPIKE
	RESULT	LIMIT	result	result
·	(ug/Kg)	(ug/Kg)	(ug/Kg)	(%)
ANALYTE	N.D.	25	N.D.	
ACETONE	N.D.	5	N.D.	
BENZENE BROMODICHLOROMETHANE	N.D.	5	Ŋ.D.	
BROMOFORM	N.D.	5	Ŋ.D.	
BROMOMETHANE	N.D.	5	й.D.	
2-BUTANONE	N.D. N.D. N.D. N.D.	5	Ŋ.D.	
CARBON TETRACHLORIDE	N.D.	5	N.D. N.D.	
CHLOROBENZENE	N.D.	2	N.D.	
CHLOROETHANE	N.D.	5	N.D.	
2-CHLOROETHYLVINYLETHER	Ŋ.D.	Ş	N.D. N.D.	
CHLOROFORM	N.D.	2	N.D.	
CHLOROMETHANE	N.D. N.D. N.D.	Ę	N.D. N.D. N.D.	
DIBROMOCHLOROMETHANE	N.D.	Ĕ	N.D.	
1 1-DICULORORTHANE	N.D.	Ĕ	N.D. N.D. N.D. N.D. N.D. N.D.	
1,2-DICHLOROETHANE	N.D. N.D.	Ĕ	N.D.	
1,2-DICHLOROETHANE 1,1-DICHLOROETHENE 1,1-DICHLOROETHENE (CIS)	N.D.	<u> </u>	N.D.	
	N.D.	5	Ŋ.D.	 -
1,2-DICHLOROETHENE (TRANS) 1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS)	N.D.	5	Ŋ.D.	
1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS)	N.D.	5	<u>и.</u> р.	
1,3-DICHLOROPROPENE (TRANS)	N.D.	5	N.D.	<u>-</u> ,
1.3-DICHLOROPROPENE (INTRO)	N.D.	5	и.D.	
ETHYL BENZENE	N.D.	5	Ŋ.D.	
2-HEXANONE METHYLENE CHLORIDE	N.D.	25	Ŋ.D.	
4-METHYL-2-PENTANONE	N.D.	5	N.D. N.D.	_ =
STYRENE	N.D.	5	N.D.	109
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	113
TETRACHLOROETHENE	3600	ž	N.D.	- -
TOLUENE	Ŋ.D.	2	N.D.	
1 1 1 "TRICHLORDE" HANE	Ŋ.D.	5	N.D.	
1 1 2-TRICHLOROETHANE	Ŋ.D.	Ę	N.D.	86
TRICHLOROETHENE	8.1	ž	n.D.	
TRICHLOROFLUOROMETHANE	N.D.	។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។ ។	N.D.	_ =
VINYL ACETATE	N.D. N.D.	5	N.D.	
VINYL CHLORIDE	N.D.	ริ	N.D.	
XYLENES (TOTAL)	ta · 12 ·	_		

ChromaLab, Inc.

David Wintergrass

Chemist

Eric Tam Laboratory Director

December 17, 1993

ChromaLab File#: 9312180

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider Project: 233 E. 14TH ST.

Project#: 6135-1

Submitted: December 14, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Matrix: SOIL Sample: B2-10

Analyzed: December 15, 1993 Lab #: 39464-1880 Sampled: December 3, 1993

Method: EPA 8240

Method: EFA 6240	RESULT	REPORTING LIMIT	blank Result	BLANK SPIKE RESULT
2 2 7 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2 T 2	(ug/Kg)	(ug/Kg)	(ug/Kg)	(%)
ANALYTE ACETONE	N.D.	25	N.D.	
BENZENE	N.D.	5	Ŋ.D.	
BROMODICHLOROMETHANE	N.D.	5	N.D.	- -
BROMOFORM	N.D.	5	N.D.	
BROMOMETHANE	N.D.	5	Ŋ.D.	
2-BUTANONE	N.D.	5	N.D.	
CARBON TETRACHLORIDE	Ŋ.D.	5	N.D. N.D.	
CHLOROBENZENE	Ŋ.D.	Þ	N.D.	
CHLOROETHANE	Ŋ.D.	2	N.D.	
2-CHLOROETHYLVINYLETHER	N.D.	2	N.D.	
CHLOROFORM	N.D.	5	й.D.	
CHLOROMETHANE	Ŋ.D.	5	N.D.	
DIBROMOCHLOROMETHANE	Ŋ.D.	2	N.D.	
1.1-DICHLOROETHANE	N.D.	និ និកភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភ	N.D.	
1,2-DICHLOROETHANE	N.D. N.D.	š	N.D.	
1,1-DICHLOROETHENE 1,2-DICHLOROETHENE (CIS)	N.D.	5	N.D.	
1,2-DICHLOROETHENE (CIS)	N.D.	5	N.D.	
1,2-DICHLOROETHENE (TRANS)	N.D.	5	N.D.	E P
1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS)	N.D.	5	N.D.	
1,3-DICHLOROPROPENE (TRANS)	N.D.	5	N.D.	
ETHYL BENZENE	N.D.	5	N.D.	
2-HEXANONE	N.D.	5	Ŋ.D.	
METHYLENE CHLORIDE	N.D.	25	Ŋ.D.	
4-METHYL-2-PENTANONE	N.D.	5	Ŋ.D.	
STYRENE	И.D.	5	N.D.	109
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D. N.D.	113
TETRACHLOROETHENE	4200	5	N.D.	
TOLUENE	N.D.	5	N.D.	
1 1 1 - TRICHLOROETHANE	N.D.	5	N.D.	
1,1,2-TRICHLOROETHANE	Ŋ.D.	5	N D	86
TRICHLOROETHENE	82	5	N.D. N.D.	
TRICHLOROFLUOROMETHANE	Ŋ.D.	ភាភាភាភាភាភាភាភាភាភាភាភាភាភាភាភាភាភាភាភា	N.D.	
VINYL ACETATE	Ŋ.D.	5 5	N.D.	
VINYL CHLORIDE	N.D.	5	Ñ.D.	
XYLENES (TOTAL)	N.D.	5		

ChromaLab,

David Wintergrass

Chemist

Eric Tam Laboratory Director

December 17, 1993

ChromaLab File#: 9312180

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider Project: 233 E. 14TH ST.

Project#: 6135-1

Submitted: December 14, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B3-10

Matrix: SOIL

Sampled: December 3, 1993 Lab #: 39465-1880

Analyzed: December 15, 1993

Method: EPA 8240	RESULT	REPORTING LIMIT (ug/Ka)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ANALYTE	(ug/Kg)		N.D.	
ACETONE	Ň.D.	<u> </u>	N.D.	
DENZENE	N.D.	5	N.D.	
BROMODICHLOROMETHANE	N.D.	ā	M.D.	~-
BROMOFORM	N.D.	5	N.D. N.D.	
BROMOMETHANE	N.D.	5	и.р.	
PKOMONE I USIA	N.D.	5	й.й.	
2-BUTANONE CARBON TETRACHLORIDE	N.D.	5	и.p.	
CARBON TETRACHLORIDE	N.D.	5	й.Б.	
CHLOROBENZENE	N.D.	5	N.D.	
CHLOROETHANE	Ŋ.D.	5	N.D. N.D. N.D.	- <i>-</i>
2-CHLOROETHYLVINYLETHER	Ñ.D.	5	N.D.	~ -
CHLOROFORM	N.D.	5	N.D.	
CHLOROMETHANE	N.D.	5	N.D. N.D.	
DIBROMOCHLOROMETHANE	N.D.	ร	N.D.	
1 1-DTCHLOROETHANE	N.D.	š	N.D.	
1 2-DICHLOROETHANE		5	N.D.	
	Ŋ.D.	ř	N.D.	
1,2-DICHLOROETHENE (CIS) 1,2-DICHLOROETHENE (TRANS)	Ŋ.D.	Ĕ	N.D.	
1.2-DICHLOROETHENE (TRANS)	16	Ĕ	N.D.	
1,2-DICHLOROPROPANE	Ŋ.D.	Ę	N.D.	
1,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE (CIS) 1,3-DICHLOROPROPENE (TRANS)	й·ñ.	ž	N.D.	
1 3-DICHLOROPROPENE (TRANS)	N.D.	Ę	N.D.	
ETHYL BENZENE	N.D. N.D.	5	N.D.	 -
2-HEXANONE	N.D.	25	N.D.	
METHYLENE CHLORIDE	N.D.	25	N.D.	
4-METHYL-2-PENTANONE	N.D.	2	N.D.	
STYRENE	N.D.	ž	N.D.	109
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	113
TETRACHLOROETHENE	710	5	N.D.	
TETRACHLOROETHERE	N.D.	5		
TOLUENE OR OFFILANE	N.D.	5	Ŋ.D.	
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	86
1,1,2-TRICHLOROEINAME	370	5	Ŋ,D.	
TRICHLOROETHENE	Ñ.Ď.	5	й·Б·	
TRICHLOROFLUOROMETHANE	N.D.	5 25 មកភេសសសសភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភភ	й.Ď.	
VINYL ACETATE	N.D.	5	й.Ď.	- -
VINYL CHLORIDE	N.D.	5	N.D.	
XYLENES (TOTAL)	•••-	•		

ChromaLab.

David Wintergrass

Chemist

Eric Tam

December 17, 1993

ChromaLab File#: 9312180

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider Project: 233 E. 14TH ST.

Project#: 6135-1

Submitted: December 14, 1993

re: One sample for Volatile Organic Compounds by GC/MS analysis.

Sample: B4-10

Matrix: SOIL

Lab #: 39466-1880 Sampled: December 3, 1993

Analyzed: December 15, 1993

TWD #: 33400-1000 - 000-1-11				
Method: EPA 8240		REPORTING	BLANK	BLANK SPIKE
				RESULT
	RESULT	LINIT	RESULT	
	(ug/Kg)	(ug/Kg)	(ug/Kg)	(%)
ANALYTE			N.D.	
ACETONE	<u>N</u> .D.	Ĕ	Й.D.	
DEMZENE	N.D.	2	N.D.	-
BROMODICHLOROMETHANE	N.D.	2	N.D.	- -
BROMOFORM	N.D.	5	Ñ.D.	
BROMOMETHANE	N.D. N.D. N.D.	5	N.D.	- -
2-BUTANONE	N.D.	ž	N.D.	·
CARBON TETRACHLORIDE	N.D.	ā	M.D.	
CHLOROBENZENE	N.D.	5	N.D. N.D.	
CHLOROBENZENE	N.D.	5	й. Б.	
CHLOROETHANE	N.D.	5	Ŋ.D.	
2-CHLOROETHYLVINYLETHER	N.D.	5	Ŋ.D.	
CHLOROFORM	N.D.	5	N.D.	
CHLOROMETHANE	N.D.	ន ឧភទមានមានមានមានមានមានមានមានមានមានមាន មានមានមានមានមានមានមានមានមានមានមានមានមានម	N.D. N.D.	 -
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	И.Б.	Ĕ	N.D.	
1.2-DICHLOROETHANE	<u>и.р.</u>	รี	N.D.	
1,1-DICHLOROETHENE	Ŋ.D.	ž	N.D. N.D.	
1,1-DICHLOROETHENE 1,2-DICHLOROETHENE (CIS) 1,2-DICHLOROETHENE (TRANS)	N.D.	5	N.D.	-
1 3 DICHLOROETHENE (TRANS)	N.D.	2	N.D.	- -
	N.D.	. 5	N.D.	
A A DICUINONOPOPENA (C.13)	N.D.	5	N.D.	
1,3-DICHLOROPROPENE (TRANS)	N.D.	5	N.D.	
1,32DICHLOROPROF LINE	N.D.	5	N.D.	
ETHYL BENZENE	N.D.	5	N.D.	
2-HEXANONE	N.D.	25	N.D.	
METHYLENE CHLORIDE	N.D.	5	и.р.	
4-METHYL-2-PENTANONE	N.D.	5	й.Б.	109
STYRENE	N.D.	5	Ŋ.D.	113
1,1,2,2-TETRACHLOROETHANE	710	5	Ŋ.D.	
TETRACHLOROETHENE	N.D.	5	<u>и</u> . <u>D</u> .	_
ጥረነ ፣፣ሮሽዩ	N.D.	5	И.D.	- -
1 1 1 TRICHLOROETHANE		5	Ŋ.D.	2.5
1 1 2-TRICHLOROETHANE	N.D.	Ĕ	N.D.	86
TELOPOSTHENE	13	Ĕ	N.D.	- - -
TRICHLOROFLUOROMETHANE	Ŋ.D.	ž	N.D.	- -
VINYL ACETATE	N.D.	<u> </u>	N.D.	- -
VINYL CHLORIDE	N.D.	5	N.D.	
XYLENES (TOTAL)	Ŋ,D.	3	2	
VITERES (IOINE)				

ChromaLab, Inc

David Wintergrass

Chemist

Eric Tam

CHROMALAB, INC.

SUBM #: 9312180 CLIENT: ACC

12/21/93

Chain of Custody

DATE ____/3 -/4-93 PAGE ____ OF **DOHS 1094** ANALYSIS REPORT PROJ. MGR. PURGEABLE HALOCARBONS METALS: Cd, Cr, Pb, Zn, Ni NUMBER OF CONTAINERS TPH - Garaline (5030, 8015) w/BTEX (EPA 602, 8020) TPH - Dictel (EPA 3510/3550, 8015) PURGEABLE AROMATICS BTEX (EPA 602, 8020) TOTAL RECOVERABLE HYDROCARRONS (EPA PRIORITY POLLUTANT METALS (13) Abmeda. (A 94501 VOLATILE ORCANICS (EPA 624, 8240, 524.2) CAM METALS (17) EXTRACTION (TCLP, STLC) (EPA 601, 8010) TOTAL LEAD PESTICIDES SAMPLERS (SIGNATURE) Mist Kal Hericle 522-9188 SAMPLE D. DATE TIME MATERY IN MATRIX PRESERV. χ RELINQUISHED BY 1. RELINQUISHED BY RELINQUISHED BY SAMPLE RECEIPT PROJECT INFORMATION TOTAL NO. OF CONTAINERS (TME) 233 F. 144 St. HEAD SPACE DATE PRINTED NAME PRINTED NAME REC'D GOOD CONDITION/COLD PRINTED NAME P.O. # CONFORMS TO RECORD STANDARD OTHER RECEIVED BY RECEIVED BY SPECIAL NETHICITONS/COMMENTS. TIME (SIGNATURE) (SPUTANAIS PRINTED NAME PRINTED NAME (COMPANY) COMPANY

CHROMALAB, INC.

CLIENT: ACCENV 12/13/93

DUE: 12 2: REF: 14348

Chain of Custody DATE 12-6-93 PAGE 1

ANALYSIS REPORT TOTAL P. 196 PROLINGE M. Kalkeider PURGEABLE HALOCARBONS Ž Environmenta TPH - Gasoline (5030, 8015) w/8TEX (EPA 602, 8020) NUMBER OF CONTAINERS PURCEABLE AROMATICS BTEX (EPA 602, 8020) (EPA 623/627, 8270, 525) METALS: Cd, Cr, Pb, Zn, BASE/NEUTRALS, ACIDS PRIORITY POLLUTANT METALS (13) HYDROCARBONS (EPA TPH - Diesel (EPA 3\$10/3550, 0015) TOTAL OIL & GREASE TOTAL RECOVERABLE VOLATILE ORGANICS (EPA 624, 8240, 524.2) (EPA 5520, B+F, E+F) CAM METALS (17) EXTRACTION (TCLF, STLC) PHONE NO.) (EPA 601, 8010) TOTAL LEAD Misty Kaltreider 522-8188 SAMPLERS (SIGNATURE) TIME S RELINQUISHED BY RELINQUISHED BY RELINQUISHED BY SAMPLE RECEIP* PROJECT INFORMATION PROJECT NAME: TOTAL NO. OF CONTAINERS 333 € 1915 (144) HEAD SPACE PROJECT NUMBER: (DATE) (e) 35-1 PRINTED NAME PRINTED NAME REC'D GOOD CONDITION/COLD ACC E no connent P.O. # CONFORMS TO RECORD COMPANY STANDAR RECEIVED BY RABORATORY) OTHER 72 48 RECEIVED BY RECEIVED BY S-DAY SPECIAL INSCRUCTIONS/COMMENTS: (SIQNATURE) GIGNATURE PRINTED NAME (COMPANY)

(COMPANY)