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ANNITIES REJECTED
RESULTS FIRM LAB
MULERTIFIED LAB

LIMITED SOIL SAMPLING
AT THE PROPERTY
LOCATED AT 400 SAN PABLO AVENUE
ALBANY, CALIFORNIA
MAY 26, 2000

PREPARED FOR:
MR. MURRAY STEVENS
KAMUR INDUSTRIES, INC.
2351 SHORELINE DRIVE
ALAMEDA, CALIFORNIA 94501

Enc stwans 525-7866

BY: ENVIRO SOIL TECH CONSULTANTS 131 TULLY ROAD SAN JOSE, CALIFORNIA 95111

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APPENDIX "C"

PRIORITY ENVIRONMENTAL LABS REPORT AND CHAIN-OF-CUSTODY



Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

May 26, 2000

File No. 8-90-421-SI

Mr. Murray Stevens Kamur Industries, Inc. 2351 Shoreline Drive Alameda, California 94501

SUBJECT: LIMITED SOIL SAMPLING AT THE PROPERTY

Located at 400 San Pablo Avenue, in Albany, California

Dear Mr. Stevens:

This report presents the results of soil sampling conducted by Enviro Soil Tech Consultants (ESTC), on May 17, 2000, at the property located at 400 San Pablo Avenue, in Albany, California (Figure 1)

This limited soil sampling was conducted at the verbal request and authorization of Mr. Eric Stevens with the request of Ms. Eva Chu with the Alameda County Health Care Services Agency (ACHCSA) on May 17, 2000.

FIELD INVESTIGATION:

During excavation for installation of new underground reclaim water storage tank, the construction crew notice petroleum odor and discoloration of excavated soil. Ms. Eva Chu with Alameda County Health Care Services Agency-Environmental Health Division (ACHCSA-EHD) was notified by our office.

Per our meeting and discussion with Ms. Eva Chu, we have collected three soil samples from the sidewall of the excavation. Furthermore, for the purpose of disposal of stockpiles, twelve soil samples were collected from the stockpiles. The stockpiled soil samples were composited in the laboratory to three samples.

Per the request of Ms. Eva Chu with ACHCSA, the sidewall and composited stockpiled soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA Methods 5030/8015; Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) per EPA Method 8020; Total Lead (Pb) per EPA Method 7420 and EPA Method 8010.

SOIL SAMPLING:

Soil samples were collected in clean brass tube liner with the aid of hand sampler by moving aside slough materials and retrieving native materials from the specified and measured depth. Approximately two feet of soil was removed from the bottom of the excavation by backhoe bucket, and a clean two-inch diameter brass tube sampler was driven into the soil. Immediately upon soil sampling, the tube ends were covered with aluminum foil and plastic caps, sealed, labeled and placed in a cold ice chest for transport to Priority Environmental Labs, in Milpitas, with proper chain-of-custody documentation.

ANALYTICAL RESULTS:

Three soil samples were collected from the sidewalls excavation, and twelve soil samples were collected from the stockpiles which were composited into three samples in the laboratory. The soil samples from the sidewall excavation were labeled as E-1-8; E-2-8 and E-3-8, and the stockpiled soil samples were labeled as S-1 through S-12 (S-1 to S-4; S-5 to S-8 and S-9 to S-12)

Excavation sidewall soil sample E-1-8 detected low levels of TPHg at 59 milligram per kilogram (mg/Kg); BTEX at (011 mg/Kg; 0.16 mg/Kg; 0.19 mg/Kg and 0.36 mg/Kg) and Total Lead at 2.3 mg/Kg. Soil sample E-2-8 detected low levels TPHg at 12 mg/Kg; BTEX at (0.034 mg/Kg; 0.035 mg/Kg; 0.044 mg/Kg and 0.13 mg/Kg), respectively and Total Lead at 1.9 mg/Kg. Soil sample E-3-8 also detected low levels of TPHg at 7.4 mg/Kg; BTEX at (0.016 mg/Kg; 0.018 mg/Kg; 0.022 mg/Kg and 0.074 MG/Kg) and Total Lead at 2.5 mg/Kg. Stockpiled soil sample S-1,2,3,4 detected low levels of TPHg at 2.1 mg/Kg; BTEX at (0.0056 mg/Kg; 0.0061 mg/Kg; 0.0069 mg/Kg and 0.024 mg/Kg, respectively) and Total Lead at 3 mg/Kg. Stockpiled soil sample S-5,6,7,8 detected low levels of TPHg at 1.4 mg/Kg; Ethylbenzene at 0.0057 mg/Kg; Total Xylenes at 0.016 mg/Kg and Total Lead at 2.6 mg/Kg. Benzene and Toluene concentrations were non-detectable level in soil sample S-5,6,7,8. Stockpiled soil sample S-9,10,11,12 detected low levels of TPHg at 1.8 mg/Kg; Toluene at 0.0058 mg/Kg; Ethylbenzene at 0.0064 mg/Kg; Total Xylenes at 0.02 mg/Kg and Total Lead at 2.7 mg/Kg. Benzene concentration was below laboratory detection limit in stockpiled soil sample S-9,10,11,12. All three soil samples from the excavation sidewalls and three composited stockpile samples detected EPA Method 8010 below laboratory detection limit.

The soil samples analytical results are presented in Table 1 (Appendix "A"), and the laboratory analytical report is included in Appendix "C".

LIMITATION:

This report and the associated work has been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. The contents of this report reflect the conditions of the site at this particular time. The findings of this reports are based on:

- 1) The observation of field personnel.
- 2) The results of laboratory analyses performed by a state-certified laboratory.

It is possible that variations in the soil could exist beyond the points explored in this investigation. Also, changes in soil conditions of a property can occur with the passage of time due to variations in rainfall, temperature, regional usage and other natural processes or the works of man on this property or adjacent property(ies).

This report is issued with the understanding that it is the responsibility of the owner or his/her representative to ensure that the information contained herein are called to the attention of the Local Environmental Agency.

Services performed by ESTC have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same or similar localities at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or implied is made.

Should you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD GENERAL MANAGER

LAWRENCE KOO, P. E.

C. E. #34928

APPENDIX "A"

TABLE 1
SOIL SAMPLES ANALYTICAL RESULTS
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample No.	Depth feet	TPHg	В	T	E	X	Total Lead	EPA 8010
5/17/00	E-1-8	8	59	0.11	0.16	0.19	0.36	2.3	ND<0.005
	E-2-8	8	12	0.034	0.035	0.044	0.13	1.9	ND<0.005
	E-3-8	8	7.4	0.016	0.018	0.022	0.074	2.5	ND<0.005
	S-1,2,3,4	_	2.1	0.0056	0.0061	0.0069	0.024	3	ND<0.005
	S-5,6,7,8	-	1.4	ND<0.005	ND<0.005	0.0057	0.016	2.6	ND<0.005
	S-9,10,11,12	-	1.8	ND<0.005	0.0058	0.0064	0.02	2.7	ND<0.005

TPHg - Total Petroleum Hydrocarbons as gasoline

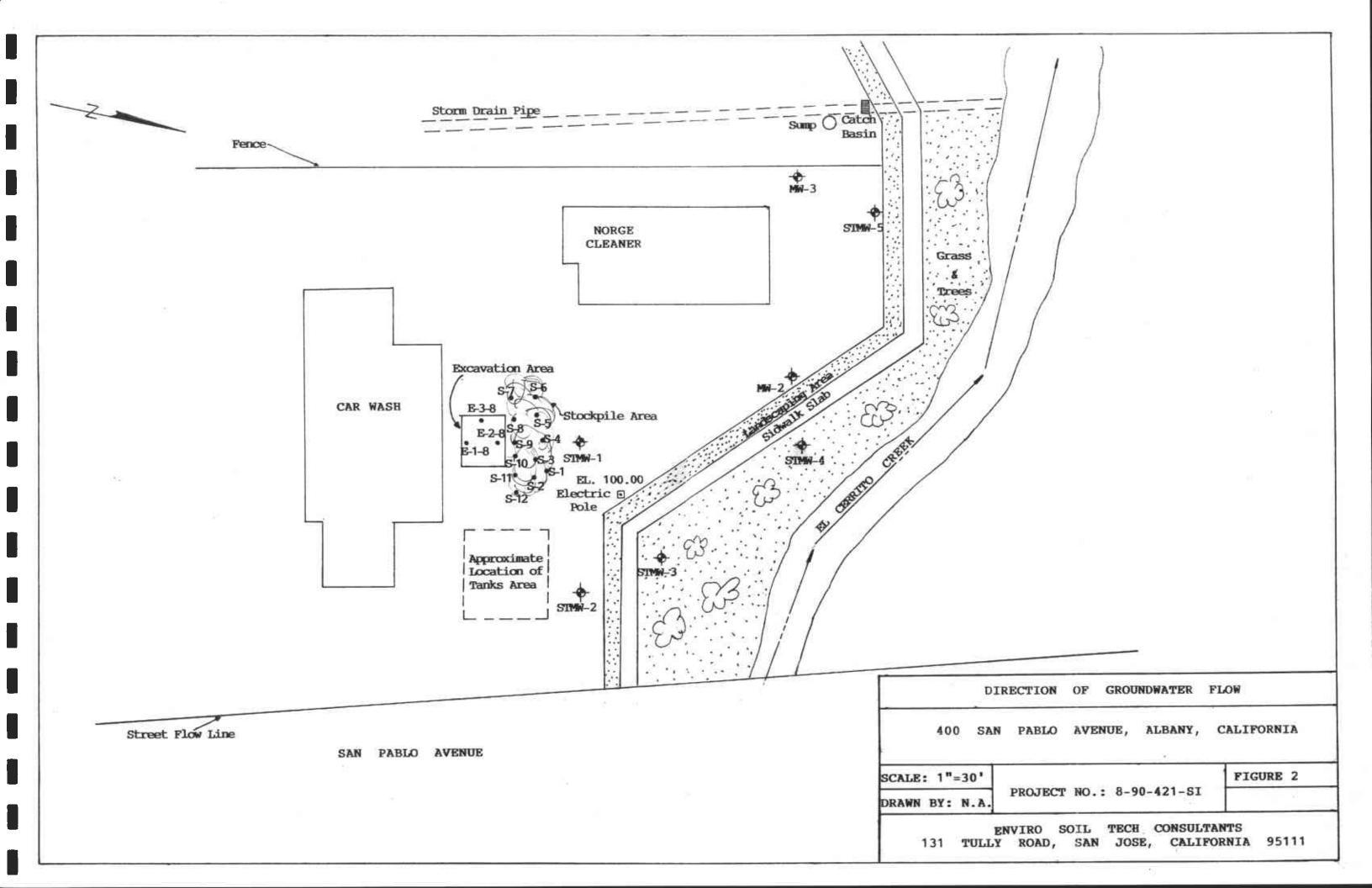
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

EPA 8010 - Volatile Organic Compounds

ND - Not Detected (Below Laboratory Detection Limit)

APPENDIX "B"

Figure 1



APPENDIX "C"



Precision Environmental Analytical Laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Re: Six soil samples for Gasoline/BTEX analyses.

Project name: 400 San Pablo Ave., Albany.

Project number: 8-90-421-ST

Date sampled: May 17, 2000

Date extracted: May 19-20, 2000

Date submitted: May 18, 2000 Date analyzed: May 19-20, 2000

RESULTS:

SAMPLE I.D.	Gasoline	Benzene	Toluene	Ethyl Benzene	Total Xylenes
1,2,	(mg/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)
E-1-8	59	110	160	190	360
E-2-8	12	34	35	44	130
E-3-8	7.4	16	18	22	74
S-1,2,3,4*	2.1	5.6	6.1	6.9	24
S-5,6,7,8*	1.4	N.D.	N.D.	5.7	16
S-9,10,11,12*	1.8	N.D.	5.8	6.4	20
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
m 13. 1	A Company	# 1 g			
Spiked Recovery	88.3%	86.7%	91.2%	80.9%	97.8%
Detection limit	1.0	5.0	5.0	5.0	5.0
Method of Analysis	5030/ 8015	8020	8020	8020	8020

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*composited soil samples.

David Duong
Laboratory Director

Tel: 408-946-9636



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Precision Environmental Analytical Laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Re: Six soil samples for total Lead analysis.

Project name: 400 San Pablo Ave., Albany.

Project number: 8-90-421-ST

Date sampled: May 17, 2000

Date extracted: May 19-20, 2000

Date submitted: May 18, 2000 Date analyzed: May 19-20, 2000

RESULTS:

Analysis

SAMPLE I.D.	Lead	
	(mg/Kg)	
E-1-8	2.3	
E-2-8 E-3-8 S-1,2,3,4*	1.9 2.5 3.0	
S-5,6,7,8* S-9,10,11,12*	2.6 2.7	
Blank	N.D. 402 (100 100 100 100 100 100 100 100 100 10	
Detection limit	1.0° 5.	de la companya de la
Method of		

*composited soil samples.

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David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663



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Environmental Analytical Laboratory

May 22, 2000

COMPOUND NAME

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Project name: 400 San Pablo Ave. Albany. Project number: 8-90-421-SI

CONCENTRATION

Sample I.D.: S-1,2,3,4* Date Sampled: May 17, 2000

Date Submitted: May 18, 2000

Date Analyzed: May 19-22, 2000 Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

SPIKE RECOVERY

Fax: 408-946-9663

(%) (ug/Kg) Chloromethane N.D. Vinyl Chloride 83.4 N.D. Bromomethane N.D. Chloroethane N.D. Trichlorofluoromethane N.D. 1.1-Dichloroethene N.D. Methylene Chloride N.D. 1,2-Dichloroethene (TOTAL) N.D. 1,1-Dichloroethane N.D. Chloroform N.D. 92.8 1,1,1-Trichloroethane N.D. Carbon Tetrachloride N.D. - Pro 17 1,2-Dichloroethane N.D. Trichloroethene N.D. 1,2-Dichloropropane Bromodichloromethane N.D. 2-Chloroethylvinylether
Trans-1,3-Dichloropropene
Cis-1,3-Dichloropropene N.D. N.D. N.D. Cis-1,3-Dichloropropene N.D. N.D. 1,1,2-Trichloroethane 97.7 Tetrachloroethene N.D. Dibromochloromethane N.D. Chlorobenzene N.D. Bromoform N.D. 1,1,2,2-Tetrachloroethane N.D. 1,3-Dichlorobenzene N.D. 1.4-Dichlorobenzene N.D. 1,2-Dichlorobenzene N.D. *composited soil sample. 11 12.

:: 3 Tel: 408-946-9636

David Duong Laboratory Director



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Precision

Environmental Analytical Laboratory

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May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Project name: 400 San Pablo Ave., Albany.

Project number: 8-90-421-SI

Sample I.D.: S-5,6,7,8*Date Sampled: May 17, 2000

Date Submitted: May 18, 2000

Date Analyzed: May 19-22, 2000 Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME CONCENTRATION SPIKE RECOVERY (8) (ug/Kg) Chloromethane N.D. Vinyl Chloride N.D. 83.4 Bromomethane N.D. Chloroethane N.D. Trichlorofluoromethane N.D. 1,1-Dichloroethene N.D. Methylene Chloride N.D. 1,2-Dichloroethene (TOTAL) N.D. 1,1-Dichloroethane N.D. Chloroform N.D. 1,1,1-Trichloroethane N.D. Carbon Tetrachloride N.D. 1,2-Dichloroethane N.D. Trichloroethene N.D. 101.0 1,2-Dichloropropane N.D. Bromodichloromethane N.D. 2-Chloroethylvinylether
Trans-1,3-Dichloropropene N.D. N.D. Cis-1,3-Dichloropropene N.D. N.D. (1) 1,1,2-Trichloroethane Tetrachloroethene N.D. 97.7 Dibromochloromethane N.D. Chlorobenzene N.D. Bromoform N.D. 1,1,2,2-Tetrachloroethane N.D. 1,3-Dichlorobenzene N.D. 1,4-Dichlorobenzene N.D. 1,2-Dichlorobenzene N.D. 19.35 *composited soil sample. David Duong

Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Name Tel: 408-946-9636 Fax: 408-946-9663



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Precision

Environmental Analytical Laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Project number: 8-90-421-SI Project name: 400 San Pablo Ave., Albany.

Sample I.D.: S-9,10,11,12* Date Sampled: May 17, 2000

Trichlorofluoromethane

1,1,1-Trichloroethane

Date Submitted: May 18, 2000

Date Analyzed: May 19-22, 2000 Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	
Vinyl Chloride	N.D.	83.4
Bromomethane	N.D.	
Chloroethane	N.D.	

N.D.

N.D.

N.D. 3.3.

1,1-Dichloroethene	N.D.	
Methylene Chloride	N.D.	
1,2-Dichloroethene (TOTAL)	N.D.	
1,1-Dichloroethane	N.D.	
Chloroform	N.D.	92.8

Carbon Tetrachloride	Barbara	N.D.	
1,2-Dichloroethane		N.D.	
Trichloroethene	. a. i. , dia. ·	N.D.	101.0
1,2-Dichloropropane		N.D.	

1,2-Dichioropropane	N.D.	
Bromodichloromethane	N.D.	
2-Chloroethylvinylether		
	, ''	

Trans-1,3-Dichloropropene	N.D.	
Cis-1,3-Dichloropropene	N.D.	
1,1,2-Trichloroethane	N.D.	

1,1,2-Trichloroethane	/ N.D.	*
Tetrachloroethene	N.D.	97.7
Dibromochloromethane	N.D.	

Chlorobenzene	N.D.	
Bromoform	N.D.	
1,1,2,2-Tetrachloroethane	N.D.	
1,3-Dichlorobenzene	N.D.	
1,4-Dichlorobenzene	N.D.	
1 0 Dieblemehause	22 * 22 #	

*composited soil sample.

David Duong Laboratory Director

1,2-Dichlorobenzene

Tel: 408-946-9636 1764 Houret Court Milpitas, Fax: 408-946-9663 CA. 95035



Precision

Environmental Analytical

Laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS The grant to the same of the s

Attn: Frank Hamedi

Project name: 400 San Pablo Ave., Albany.

Project number: 8-90-421-SI

E-1-8 Sample I.D.:

Date Sampled: May 17, 2000

Date Submitted: May 18, 2000

Date Analyzed: May 19-22, 2000 Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

SPIKE RECOVERY CONCENTRATION COMPOUND NAME (%) (ug/Kg) N.D. Chloromethane 83.4 Vinyl Chloride N.D. N.D. Bromomethane Chloroethane N.D. Trichlorofluoromethane N.D. 1,1-Dichloroethene N.D. 12.15 N.D. Methylene Chloride 1,2-Dichloroethene (TOTAL) N.D. 1,1-Dichloroethane N.D. 92.8 N.D. Chloroform 1,1,1-Trichloroethane N.D. Carbon Tetrachloride N.D. 1,2-Dichloroethane N.D. Trichloroethene N.D. 1,2-Dichloropropane
Bromodichloromethane
2-Chloroethylvinylether N.D. N.D. N.D. Trans-1,3-Dichloropropene N.D. C B.N.D. BLOW Cis-1,3-Dichloropropene N.D. 1,1,2-Trichloroethane Tetrachloroethene N.D. Dibromochloromethane N.D. Chlorobenzene N.D. Bromoform N.D. 1,1,2,2-Tetrachloroethane N.D. 1,3-Dichlorobenzene N.D. 1,4-Dichlorobenzene N.D. 1,2-Dichlorobenzene N.D. R.D. $N \rightarrow 1$ N. D. 14. 17. ξr. Ω.

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Dayid Duong

Laboratory Director

1764 Houret Court Milpitas, CA, 95035

N.D. Tel: 408-946-9636



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Laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Project name: 400 San Pablo Ave., Albany.

Project number: 8-90-421-SI

E-2-8 Sample I.D.:

Date Sampled: May 17, 2000

Date Submitted: May 18, 2000

Date Analyzed: May 19-22, 2000 Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOSIND NAME

CONCENTRATION

SPIKE RECOVERY

COMPOUND NAME	CONCENTRATION ("ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	
Vinyl Chloride	N.D.	83.4
Bromomethane	N.D.	
Chloroethane	N.D.	
Trichlorofluoromethane	N.D.	
1,1-Dichloroethene	N.D.	
Methylene Chloride	N.D.	
1,2-Dichloroethene (TOTAL)	N.D.	
1,1-Dichloroethane	N.D.	
Chloroform	N.D.	92.8
1,1,1-Trichloroethane	N.D.	
Carbon Tetrachloride	N.D.	
l,2-Dichloroethane	N.D. N.D.	
Trichloroethene	N.D.	101.0
1,2-Dichloropropane	N.D. 12440	
Bromodichloromethane	N.D.	
2-Chloroethylvinylether	N.D	
Frans-1,3-Dichloropropene	N.D.	
Cis-1,3-Dichloropropene	C 1977 N • D • 1977 1948	
1,1,2-Trichloroethane	N.D.	
Tetrachloroethene	N.D.	97.7
Dibromochloromethane	N.D.	
Chlorobenzene	Ņ.D.	
Bromoform	N.D.	
1,1,2,2-Tetrachloroethane	N.D.	
1,3-Dichlorobenzene	N.D.	
1,4-Dichlorobenzene	N.D.	
1,2-Dichlorobenzene	N.D.	
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CA. 95035

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David Duong Laboratory Director

Tel: 408-946-9636



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laboratory

May 22, 2000

PEL # 0005020

ENVIRO SOIL TECH CONSULTANTS

Attn: Frank Hamedi

Project name: 400 San Pablo Ave. Albany. Project number: 8-90-421-SI

Sample I.D.: E-3-8

Date Sampled: May 17, 2000

Date Analyzed: May 19-22, 2000

Method of Analysis: EPA 8010

Date Submitted: May 18, 2000

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ("Ug/Kg)	SPIKE RECOVERY
Chloromethane	N.D.	
Vinyl Chloride	N.D.	83.4
Bromomethane	N.D.	
Chloroethane	N.D.	
Trichlorofluoromethane	N.D.	
1,1-Dichloroethene	N.D.	1 - 3
Methylene Chloride	N.D.	1
1,2-Dichloroethene (TOTAL)	N.D.	
1,1-Dichloroethane	N.D.	
Chloroform	N.D.	92.8
1,1,1-Trichloroethane	N.D.	
Carbon Tetrachloride	N.D.	
1,2-Dichloroethane	N.D.	
Trichloroethene	N.D.	101.0
1,2-Dichloropropane	NT TO	
Bromodichloromethane	N.D.	· ;
2-Chloroethylvinylether $rac{1}{2}$ $rac{1}{2}$ $rac{1}{2}$ $rac{1}{2}$	N.D. Leave die	
Trans-1,3-Dichloropropene	N.D.	
Cis-1,3-Dichloropropene	N.D.	
1,1,2-Trichloroethane	N.D.	
Tetrachloroethene	N.D.	97.7
Dibromochloromethane	N.D.	
Chlorobenzene	N.D.	
Bromoform	N.D.	
1,1,2,2-Tetrachloroethane	N.D.	
1,3-Dichlorobenzene	N.D.	
1,4-Dichlorobenzene	N.D.	
1,2-Dichlorobenzene	N.D.	***
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Danddues		
Vower	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
David Duong	k . D .	
baboratory Director	i^{3} , \mathfrak{O}_{\bullet}	
<u>.</u> 	F	

Tel: 408-946-9636

1764 Houret Court Milpitas, CA. 95035

CHAIN OF CUSTODY RECORD PROJ. NO. 8-90-421-SI 400 San Pablo Avenue, Albany SAMPLERS: (Signature)
Wernly PEL# 005020 CON-TAINER INV# 30115 Sol TIME LOCATION DATE NO. 5/17/01/030 Comp 1050 110 Relinquished by: (Signature) Date / Time Received by: (Signature) Date / Time Relinquished by: (Signature) Receive by: (Signature) Relinquished by: (Signatura) Date / Time Received by: (Signature) Relinquished by: (Signature) Date / Time Received by: (Signature) Relinquished by: (Signature) Date / Time Received for Laboratory by: Date / Time Remarks (Signature) 05/18/20 15:20

ENVIRO SOIL TECH CONSULTANTS

| Environmental & Geotechnical Consultants | 131 TULLY ROAD, SAN JOSE, CILIFORNIA 95111 | Tel: | (408) 297-1500 | Fax: | (408) 292-2116