



Environmental Services • General Engineering Contractor • Hazardous • Lic. #487537

FAX TRANSMITTAL

RE: Moose Lodge / 690 Hagenberger Rd.
Oakland

TO: BARNEY CHAN

COMPANY: Alameda County D.D.H.

FROM: IRENE / MERLIN

MESSAGE: pls. give us a call
when you receive these
analytical result

DATE: 8/29/95

NUMBER OF PAGES TRANSMITTED: 11

new # : 351-2525



Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

VCI OF CALIFORNIA

Attn: MERLIN BOWEN

(MOOSE LODGE) 690 HEGENEERGER RD. OAKLAND, CA
Reported on August 24, 1995

Project 301

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology

Laboratory Number 82312

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
SS-1	08/21/95	08/22/95	08/23/95	08/23/95	BH231.05	01
SS-2	08/21/95	08/22/95	08/23/95	08/23/95	BH231.05	02

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BH231.05-01	Method Blank	MB	Soil	08/23/95	08/23/95
BH231.05-04	95-1898QS	MS 82290-01	Soil	08/23/95	08/23/95
BH231.05-05	95-1898QS	M&D 82290-01	Soil	08/23/95	08/23/95
BH231.05-07	Laboratory Spike	LS	Soil	08/23/95	08/23/95

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Certified Laboratories

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(510) 229-1512 / fax (510) 229-1526

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Project 301
(MOOSE LODGE) 690 HEGENBERGER RD, OAKLAND, CA
Reported on August 24, 1995Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil. Factor	Moisture
82312-01	SS-1	Soil	20.0	-
82312-02	SS-2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	82312-01		82312-02	
	Conc.	RL	Conc.	RL
	mg/kg		mg/kg	
Gasoline_Range	170	20	16	1
Benzene	ND	0.10	0.060	0.005
Toluene	0.81	0.10	0.036	0.005
Ethyl Benzene	0.57	0.10	0.21	0.005
Xylenes	0.67	0.10	0.16	0.005

>> Surrogate Recoveries (%) <<

Trifluorotoluene (SS) 148 367i



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Quality Assurance and Control Data

Laboratory Number: 82312
Method Blank(s)

BH231.05-01

Conc. RL

mg/kg

Gasoline Range	ND	1
Benzene	ND	0.005
Toluene	ND	0.005
Ethyl Benzene	ND	0.005
Xylenes	ND	0.005

>> Surrogate Recoveries (%) <<

Trifluorotoluene (SS) 99

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Quality Assurance and Control Data

Laboratory Number: 82312

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
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For Soil Matrix (mg/kg)
 BH231.05 07 / - Laboratory Control Spikes

Gasoline_Range		3.20	4	125	65-135	
Benzene		0.200	0.20	100	65-135	
Toluene		0.200	0.21	105	65-135	
Ethyl Benzene		0.200	0.21	105	65-135	
Xylenes		0.600	0.61	102	65-135	

>> Surrogate Recoveries (%) <<
 Trifluorotoluene (SS)

99 50-150

For Soil Matrix (mg/kg)
 BH231.05 04 / 05 - Sample Spiked: 82290 - 01

Gasoline_Range	ND	3.20	4/4	125/125	65-135	0
Benzene	ND	0.200	0.22/0.22	110/110	65-135	0
Toluene	ND	0.200	0.22/0.21	110/105	65-135	5
Ethyl Benzene	ND	0.200	0.21/0.21	105/105	65-135	0
xylenes	ND	0.600	0.63/0.61	105/102	65-135	3

>> Surrogate Recoveries (%) <<
 Trifluorotoluene (SS)

105/102 50-150

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Narrative:

1 - The surrogate recovery was high due to the presence of interfering compounds in the sample.

Definitions:

ND = Not Detected

RL = Reporting Limit

NA = Not Analysed

RPD = Relative Percent Difference

ug/L = parts per billion (ppb)

mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)

mg/kg = parts per million (ppm)

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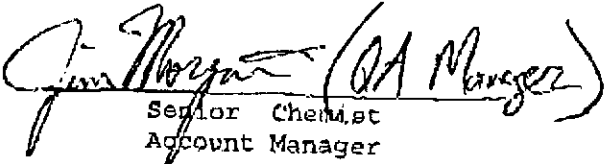
Date: August 25, 1995

Attn: MERLIN BOWEN

Laboratory Number : 20012

Project Number/Name : 301

This report has been reviewed and
approved for release.

 (QA Manager)
Senior Chemist
Account Manager

Certified Laboratories

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