

**LEVINE · FRICKE**
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Date	November 3, 1993		
Time	3:48pm		
Deliver To	Barney Chan		
Name of Firm	Alameda County Department of Environmental Health		
FAX No.	569-4757	LF Project No.	3015
From	Susan Henry		

Number of Pages: This cover page plus **9** pages

Remarks: Preliminary results for 625 Hegenberger UST removal soil sampling and analysis. I have some questions regarding additional analyses required as per tank removal plan.

Other offices: Irvine, CA; Sacramento/Rosaville, CA; Tallahassee, FL; Honolulu, HI

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Received: 10/22/93

AEW California

REPORT

Work Order # 93-10-216

11/02/93 17:25:11

Work Not Complete

REPORT LEVINE-FRICKS
TO 1900 POWELL ST. 12TH FL.
EMERYVILLE, CA 94608

PREPARED AEW California

BY
3440 VINCENT ROAD
EMERYVILLE, CA 94623

ATTN SUEAN HENRY

ATTEN KOURI BYERS
PHONE (510) 519-9090

CERTIFIED BY

CLIENT LF SHUPERS 23
COMPANY LEVINE-FRICKS
FACILITY Emeryville

CONTACT CH ACE

WORK ID 1025.05
TAKEN 10/21/93
TRANS
TYPE SOIL
P.O. # 1025.05
INVOICE Under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

- 01 SP1
- 02 SP2
- 03 SP3
- 04 SP4
- 05 SP5
- 06 SP6
- 07 DWP1
- 08 DWP2
- 09 DWP3
- 10 DWP4
- 11 DWP5
- 12 DWP6
- 13 DWP7
- 14 EXW01
- 15 EXW02
- 16 EXW03
- 17 EXW04
- 18 EXW05
- 19 EXW06
- 20 EXW07
- 21 EXW08
- 22 EXW09
- 23 EXW10

- SPMS SVK & Organo HCs (Soil)
- FINSLD Distillation, soil
- OSL & TPH as Diesel
- PP ORG Organo Lead in Soil
- PP SLG Lead
- PERCF Extraction for Diesel/Oil
- PERHS Soil Extra for TOC/HCs
- TPHRS Hydrocarbons

DATA SHEET

LAB JOB# 10218
 DATE EXTRACTED: 10/25/93
 DATE ANALYZED: 10/26/93
11-02-93
10-31-93

CLIENT PROJ. NO. 3015.05
 DILUTION FACTOR: 1.20
 INSTRUMENT(S): CA
CB

EXTRACTABLE HYDROCARBONS

Sample Identification		Extractable Hydrocarbons	AS OIL
Client Id.	Lab No.	as Diesel (mg/kg) (DL)	
from Soil Pile	SPI	DIA	140 * - 900
	2	02A	ND * (20) - 11,000
	3	03A	ND * (20) - 2,900
	4	04A	40 * pred. - 1,300
	5	05A	34 * - 510
	↓ 6	06A	17 * - 380
from under former dispensers & piping	D+P1	07A	30 * - 80
	2	08A	ND * (10) - 170
	3	09A	ND * (4) - 120
	↓ 4	10A	ND * (20) - 220

Reporting Limit

1 mg/lit

5 mg/kg

Method: 3550 GC/FID

ND = Not Detected

* oil detected also

(DL) - ELEVATED DL

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Received: 10/22/93

INW California

REPORT

Work Order # 93-10-218

Analyses By Test

SAMPLE Sample Id	Test: DICHLD Prop Date	Test: DGL 2 mg/kg	DREXAP Pb		Test: PZBZ mg/kg	Test: PZBZ mg/kg	Test: PZBZ mg/kg
			Test: PZBZ mg/kg	Test: PZBZ mg/kg			
SP1	01	no data	1.5	19	no data		
SP2	02	no data	2.1	41	no data		
SP7	03	no data	4.5	49	no data		
SP4	04	no data	2.1	30	no data		
SP5	05	no data	0.7	27	no data		
SP6	06	no data	2.2	13	no data		
DSP1	07	no data	1.3	21	no data		
DSP2	08	no data	ND	17	no data		
DSP3	09	no data	ND	120	no data		
DSP4	10	no data	ND	64	no data		
DSP5	11	no data	ND	66	no data		
DSP6	12	no data	ND	106	no data		
DSP7	13	no data	ND	12	no data		
EXSM1	14	no data	ND	10	no data		
EXSM2	15	no data	ND	110	no data		
EXSM3	16	no data	ND	11	no data		
EXSM4	17	no data	ND	18	no data		
EXSM5	18	no data	ND	10	no data		
EXSM6	19	no data	1.2	11	no data		
EXSM7	20	no data	ND	43	no data		
EXSM8	21	no data	1.4	19	no data		
EXSM9	22	no data	ND	11	no data		
EXSM10	23	no data	ND	1	no data		

Reporting limit

SAMPLE	Test: PZBZ Data Date	Test: PZBZ mg/kg	0.5	5
SP1	01	no data	no data	

DATA SHEET

LAB JOB# 10218 CLIENT PROJ. NO. 3015.05
 DATE EXTRACTED: 10-25-93/10-26/93 DILUTION FACTOR: 1,20
 DATE ANALYZED: 10-27-93 INSTRUMENT(S): CA

EXTRACTABLE HYDROCARBONS

Sample Identification		Extractable Hydrocarbons as Diesel (mg/kg)	AS OIL
Client Id.	Lab No.		
dispenser & piping:	D+P5	11A	ND* (30) 210
	6	12A	ND* (6) 190
	7	13A	7* 8
from Excavation Sidewalls	EXEN1	14A	ND* (6) 140
	EXEM2	15A	ND* (5) 650
	EXES3	16A	10* 160
	EXES4	17A	11* 240
	EXEN5	18A	63* 190
	EXWN6	19A	8* 170
	EXWM7	20A	9* 30

Reporting Limit 1mg/kg 5mg/kg
 Method: 3550 GC/FID
 ND = Not Detected
 * oil detected also

DATA SHEET

LAB JOB# 10218

CLIENT PROJ. NO. 2015.05

DATE EXTRACTED: 10-26-93

DILUTION FACTOR: 1

DATE ANALYZED: 10-27-93

INSTRUMENT(S): CA

EXTRACTABLE HYDROCARBONS

Sample Identification		Extractable Hydrocarbons as Diesel (ug/kg)	AS OIL
Client Id.	Lab No.		
excavation sidewalls	<u>EXWN8</u>	<u>44 *</u>	<u>770</u>
	<u>EXWS9</u>	<u>37 *</u>	<u>140</u>
	<u>EXWS10</u>	<u>35 *</u>	<u>160</u>

Reporting Limit

1ug/kg 5mg/kg

Method: 3550 GC/FID

ND = Not Detected

* OIL Detected also

DATA SHEET

LAB JOB# 10218

CLIENT PROJ. NO. 3015.05

DATE EXTRACTED: 10-27-93

DILUTION FACTOR: _____

DATE ANALYZED: 10-28-93

INSTRUMENT(S): IR

STANDARD METHOD 5520 - OIL & GREASE

Sample Identification		Oil & Grease ()	Hydrocarbons (mg/kg)
Client Id.	Lab No.		
SP1	01A		1400 ✓
2	02A		5700 ✓
3	03A		2700 ✓
4	04A		1700 ✓
5	05A		1200 ✓
↓ 6	06A		730 ✓
D+P1	07A		610 ✓
2	08A		350 ✓
3	09A		250 ✓
4	10A		190 ✓
5	11A		930 ✓
↓ 6	12A		390 ✓
↓ 7	13A		140 ✓
EXEN 1	14A		430 ✓
Reporting Limit			10 mg/kg
Method:		5520	5520 F

ND = Not Detected

report end of Nov. —

should send to City

~ Dec 15 —