

Corporate Offices

41674 Christy Street, Fremont, CA 94538-3114 (415) 659-0404 Fax: (415) 651-4677 Contr. Lic. No. 464324



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TO: Name: LARRY SETO

Company: ENVIRONMENTAL

FAX No.: 568-3706

FROM: Name: MARK HALLOCK

Company: ENSCO ENVIRONMENTAL SERVICES, INC.

FAX No.: (415) 651-4677 Phone No.: (415) 659-0404

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March 1, 1989

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health

Attn: Larry Seto

Re: Eden Consolidated Fire District  
EES Project No. 4303F

Dear Larry:

Attached are the soil sample results obtained from the recent tank excavation operations at 1490 164th Avenue located in San Leandro, California. Sample No. 1 is from the south end of the excavation. Sample No. 2 is taken from the north end of the excavation. Enco Environmental Services, Inc. (EES) intends to excavate all visible contaminated soil located within the open waste oil tank excavation. Excavated soil will be stockpiled on visqueen and then disposed of at an appropriate Class I disposal facility. Two soil samples will be taken from the bottom of the excavation and composited for analysis. Pending favorable analytical results, the excavation will be backfilled and the surface will be finished to match the existing surrounding surface.

Sincerely,  
Enco Environmental Services, Inc.



Mark Hallock  
Field Operations Supervisor

MH/sd



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

EnSCO Environmental Services  
41674 Christy Street  
Fremont, CA 94538  
Attention: Vince Rose

Client Project ID: #4303F, Alameda Co., PC#11056  
Matrix Descript: Soil  
Analysis Method: EPA 413.1 (Gravimetric)  
First Sample #: 901-0768

Sampled: Jan 9, 1989  
Received: Jan 10, 1989  
Extracted: Jan 23, 1989  
Analyzed: Jan 23, 1989  
Reported: Jan 26, 1989

## TOTAL RECOVERABLE OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)	
901-0768	#1	220	
901-0769	#2	280	

Detection Limits: 30.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director



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EnSCO Environmental Services  
41674 Christy Street  
Fremont, CA 94538  
Attention: Vince Rose

Client Project ID: #4303F, Alameda Co., PO#11056  
Matrix Descript: Soil  
Analysis Method: EPA 3550/8015  
First Sample #: 901-0768

Sampled: Jan 9, 1989  
Received: Jan 10, 1989  
Analyzed: Jan 20, 1989  
Reported: Jan 26, 1989

## TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
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~ TPH-D

901-0768	#1	9.0
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901-0769	#2	16
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Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
Arthur G. Burton  
Laboratory Director

9010768.ENS <2>



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EnSCO Environmental Services	Client Project ID: #4303F, Alameda Co., PO#11056	Sampled: Jan 9, 1989
41674 Christy Street	Sample Descript: Soil, #1	Received: Jan 10, 1989
Fremont, CA 94538	Analysis Method: EPA 8240	Analyzed: Jan 19, 1989
Attention: Vince Rose	Lab Number: 901-0768	Reported: Jan 26, 1989

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acetone.....	500.0	N.D.
Benzene.....	100.0	N.D.
Bromodichloromethane.....	100.0	N.D.
Bromoform.....	100.0	N.D.
Bromomethane.....	100.0	N.D.
2-Butanone.....	500.0	N.D.
Carbon disulfide.....	100.0	N.D.
Carbon tetrachloride.....	100.0	N.D.
Chlorobenzene.....	100.0	N.D.
Chlorodibromomethane.....	100.0	N.D.
Chloroethane.....	100.0	N.D.
2-Chloroethyl vinyl ether.....	500.0	N.D.
Chloroform.....	100.0	N.D.
Chloromethane.....	100.0	N.D.
1,1-Dichloroethane.....	100.0	N.D.
1,2-Dichloroethane.....	100.0	N.D.
1,1-Dichloroethene.....	100.0	N.D.
Total 1,2-Dichloroethene.....	100.0	N.D.
1,2-Dichloropropane.....	100.0	N.D.
cis 1,3-Dichloropropene.....	100.0	N.D.
trans 1,3-Dichloropropene.....	100.0	N.D.
Ethylbenzene.....	100.0	N.D.
2-Hexanone.....	500.0	N.D.
Methylene chloride.....	100.0	N.D.
4-Methyl-2-pentanone.....	500.0	N.D.
Styrene.....	100.0	N.D.
1,1,2,2-Tetrachloroethane.....	100.0	N.D.
Tetrachloroethene.....	100.0	N.D.
Toluene.....	100.0	N.D.
1,1,1-Trichloroethane.....	100.0	N.D.
1,1,2-Trichloroethane.....	100.0	N.D.
Trichloroethene.....	100.0	N.D.
Trichlorofluoromethane.....	100.0	N.D.
Vinyl acetate.....	100.0	N.D.
Vinyl chloride.....	100.0	N.D.
Total Xylenes.....	100.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Enesco Environmental Services  
41674 Christy Street  
Fremont, CA 94538  
Attention: Vince Rose

Client Project ID: #4303F, Alameda Co., PO#11056  
Sample Descript: Soil, #2  
Analysis Method: EPA 8240  
Lab Number: 901-0769

Sampled: Jan 9, 1989  
Received: Jan 10, 1989  
Analyzed: Jan 19, 1989  
Reported: Jan 26, 1989

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acetone.....	500.0	N.D.
Benzene.....	100.0	N.D.
Bromodichloromethane.....	100.0	N.D.
Bromoform.....	100.0	N.D.
Bromomethane.....	100.0	N.D.
2-Butanone.....	500.0	N.D.
Carbon disulfide.....	100.0	N.D.
Carbon tetrachloride.....	100.0	N.D.
Chlorobenzene.....	100.0	N.D.
Chlorodibromomethane.....	100.0	N.D.
Chloroethane.....	100.0	N.D.
2-Chloroethyl vinyl ether.....	500.0	N.D.
Chloroform.....	100.0	N.D.
Chloromethane.....	100.0	N.D.
1,1-Dichloroethane.....	100.0	N.D.
1,2-Dichloroethane.....	100.0	N.D.
1,1-Dichloroethene.....	100.0	N.D.
Total 1,2-Dichloroethene.....	100.0	N.D.
1,2-Dichloropropane.....	100.0	N.D.
cis 1,3-Dichloropropene.....	100.0	N.D.
trans 1,3-Dichloropropene.....	100.0	N.D.
Ethylbenzene.....	100.0	N.D.
2-Hexanone.....	500.0	N.D.
Methylene chloride.....	100.0	N.D.
4-Methyl-2-pentanone.....	500.0	N.D.
Styrene.....	100.0	N.D.
1,1,2,2-Tetrachloroethane.....	100.0	N.D.
Tetrachloroethene.....	100.0	N.D.
Toluene.....	100.0	N.D.
1,1,1-Trichloroethane.....	100.0	N.D.
1,1,2-Trichloroethane.....	100.0	N.D.
Trichloroethene.....	100.0	N.D.
Trichlorofluoromethane.....	100.0	N.D.
Vinyl acetate.....	100.0	N.D.
Vinyl chloride.....	100.0	N.D.
Total Xylenes.....	100.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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