

GeoAnalytical Laboratories, Inc.

1091 Kansas Ave.
Modesto, California 95351

Phone (209) 572-0900
Fax # (209) 572-0916

REPORT

Report# D013-06

Date: 1/14/92

Semco
431 W. Hatch Rd.
Modesto, CA 95351

Date Received: 1/13/92
Date Started: 1/14/92
Date Completed: 1/14/92

Project # Project Name: Alameda U.S.D. / Alameda, CA

Sample ID: Composite of Spoils Stockpile North & South
Lab ID: D20050-51

Method: 8020

Detection Limit µg/kg	Analyte	Amount Found µg/kg
5.0	Benzene	ND
5.0	Toluene	ND
5.0	Ethyl Benzene	ND
5.0	Total Xylene	ND

Richard Sereno
Richard Sereno
Chemist

Donna Allsup
Donna Allsup
Laboratory Director

Certification# E757

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REPORT

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Date: 1/16/92

Semco
431 W. Hatch Rd.
Modesto, CA 95351

Date Received: 1/13/92
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Date Completed: 1/16/92

Project #

Project Name: Alameda U.S.D., Alameda CA

Sample ID: Composite of Spoils Stockpile North and South
Lab ID: DZ0050-51

Method: TEPH-LUFT

Detection Limit mg/kg	Analyte	Amount Found mg/kg
5.0	Kerosene	ND
5.0	Diesel	25
50	Oil	ND

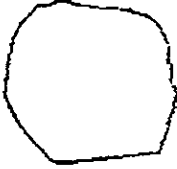
Richard Sereno
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Chemist

Donna Allsup
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Laboratory Director

Certification #E757

COMP SPOILS

1/14/92



PIT WATER @ 12'

COMP SPOILS

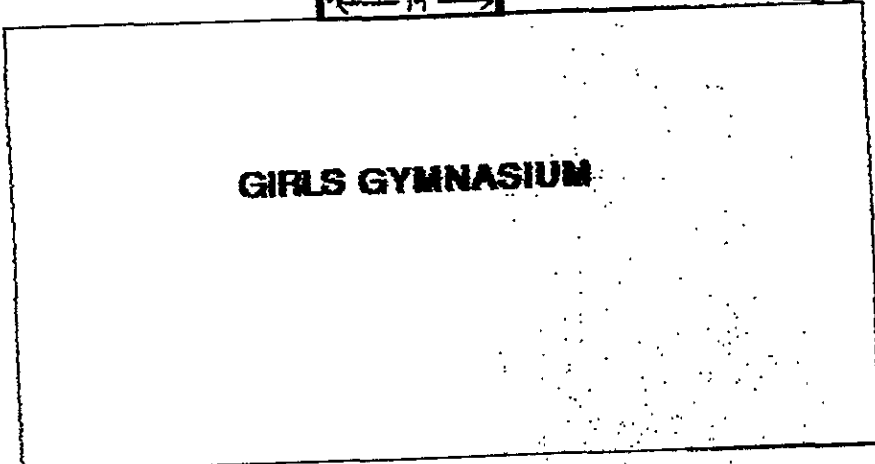
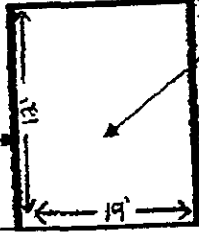
#3

1/2/92



#2 @ 11'

#1 @ 11'



GIRLS GYMNASIUM

OAK ST.

WALNUT ST.

CENTRAL AVENUE

SEMCO

**ALAMEDA
HISTORIC HIGH SCHOOL
2200 CENTRAL AVENUE
ALAMEDA, CALIFORNIA**

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

LABORATORY NO.: 84432
CLIENT: SEMCO
CLIENT JOB NO.: 91-1122

DATE RECEIVED: 01/02/92
DATE REPORTED: 01/03/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/kg)
		Diesel Range
1	SOUTH END AT 11'	ND<10
2	NORTH END AT 11'	ND<10

mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg

QA/QC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
MS/MSD Average Recovery = 93%: Duplicate RPD = 7.2%

Richard Srna, Ph.D.

Gregory A. Nwogu
Laboratory Director

**Superior Precision Analytical, Inc.**

1535 Buena Vista • San Francisco, California 94124 • (415) 647-7081 / fax (415) 321-7123

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

LABORATORY NO.: 54432
 CLIENT: SEMCO
 CLIENT JOB NO.: 91-1122

DATE RECEIVED: 01/02/92
 DATE REPORTED: 01/03/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
 by EPA SW-846 Methods 5030 and 8020

IAB #	Sample Identification	Concentration (ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	SOUTH END AT 11'	ND<3	ND<3	ND<3	ND<3
2	NORTH END AT 11'	ND<3	ND<3	ND<3	ND<3

ug/kg - parts per billion (ppb)

Minimum Detection Limit in Soil: 3.0ug/kg

QA/QC Summary:

Daily Standard run at 20ug/L: %DIFF 8020 = <15%
 MS/MSD Average Recovery = 96%: Duplicate RPD = 1.7%

Comments:

Richard Srna, Ph.D.

Richard Srna (for)
 Laboratory Director



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

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

LABORATORY NO.: 54432
 CLIENT: SEMCO
 CLIENT JOB NO.: 91-1122

DATE RECEIVED: 01/02/92
 DATE REPORTED: 01/03/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/kg) Diesel Range
3	COMPOSITE SOILS	ND<10
4	PIT WATER AT 12'	ND<10

mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg.

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15
 MS/MSD Average Recovery = 93%; Duplicate RPD = 7.2%

Richard Srna, Ph.D.

Richard Srna
 Laboratory Director



Superior Precision Analytical, Inc.

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 54432
 CLIENT: SEMCO
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DATE RECEIVED: 01/02/92
 DATE REPORTED: 01/03/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
 by EPA SW-846 Methods 5030 and 8020

LAB #	sample Identification	Concentration(ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
3	COMPOSITE SOILS	ND<3	ND<3	ND<3	ND<3
4	PIT WATER AT 12'	ND<0.3	0.6	1.2	1.8

ug/kg - parts per billion (ppb)

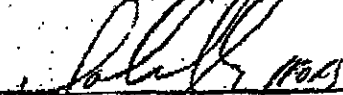
Minimum Detection Limit in Soil: 3.0ug/kg

QAQC Summary:

Daily Standard run at 20ug/L: %DIFF 8020 = <15
 MS/MSD Average Recovery =94%; Duplicate RPD = 8.5%

Comments:

Richard Srna, Ph.D.



Laboratory Director