

**ENVIRONMENTAL BIO-SYSTEMS, INC.**Innovative Solutions for a Better Environment

May 8, 1990

Zaccor Corporation
791 Hamilton Avenue
Menlo Park, California 94025

Attention: Mr. Gary Zaccor

The following documentation concerns the stockpile sampling performed by Environmental Bio-Systems, Inc. for Zaccor Corporation, on May 1, 1990 at:

**ALAMEDA CELLARS
2425 ENCINAL
ALAMEDA, CALIFORNIA**

On this date approximately 150 cubic yards of soil was composite sampled by Environmental Bio-systems, Inc. personnel. The soil was generated during tank removal operations conducted on March 1, 1990.

SAMPLING

In accordance with Bay Area Air Quality Management District guidelines, three composite samples, consisting of four brass sample containers each, were collected.

SAMPLING METHODOLOGY

The samples were contained by driving clean brass tubes (1.92" x 6") into the exposed layer of soil from a depth of approximately 12 -24 inches within the pile. Soil was packed into the tubes to eliminate the possibility of headspace within the sample container. Thus prepared, the ends of the tubes were wrapped with aluminum foil and sealed with plastic caps. After removing excess foil, electrical tape was applied to the seams between cap and tube in an effort to reduce the evaporative loss of volatile constituents.

SAMPLE ANALYSIS

The samples were placed on ice in a cooler and transported under chain of custody documentation to Mobile Chem Labs, Inc., a certified hazardous materials testing laboratory (HMTL #289) to be analyzed for total petroleum hydrocarbons (TPH) calculated as gasoline and benzene, toluene, xylenes, and ethylbenzene (BTX&E).

Analytical methods used by Mobile Chem Labs, Inc. were consistent with analytical procedures outlined by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB).

RESULTS

The certified analytical report which discusses the findings of sample analysis has been attached to this sampling report.

Sample #1A-D contained TPH as gasoline at a concentration of 9.9 parts per million (ppm). BTX&E were not detected above the respective limits of detection for each of these constituents.

Sample #2A-D contained TPH as gasoline at a concentration of 16 ppm and xylenes at 0.6 ppm.

Sample #3A-D contained TPH as gasoline at a concentration of 59 ppm and toluene at 0.3 ppm.

5/8/90

ZACCOR CORP. @
ALAMEDA CELLARS
ALAMEDA, CA

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REPORTAGE

Copies of the sampling report, the chain of custody, and the certified analytical report should be submitted to the SFRWQCB and the Alameda County Department of Environmental Health.

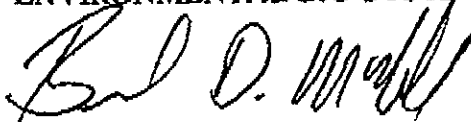
The following addresses have been listed for your convenience:

Water Quality Control Board
San Francisco Bay Region
1800 Harrison Street
Room 700
Oakland, CA 94612
ATTN: Fuel Leaks Division

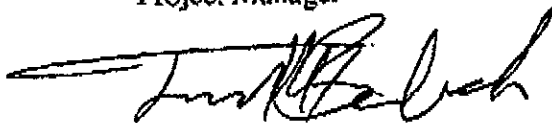
County of Alameda
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621
ATTN: Katherine Chesick

If you have any questions, or if I may be of service please contact me at (415) 429-9988.

Sincerely,
ENVIRONMENTAL BIO-SYSTEMS, INC.



Brenda D. McNabb
Project Manager



Timothy M. Babcock
Environmental Scientist

BDM



MOBILE CHEM LABS INC.

1678 Relliz Valley Road
Lafayette, CA 94549 • (415) 945-1266

Zaccor Corporation
791 Hamilton Ave.
Menlo Park, CA 94025
Attn: Gary Zaccor

Date Sampled: 05-04-90
Date Received: 05-04-90
Date Reported: 05-04-90

Sample Number

B050004

Sample Description

Job # 003-116 Alameda Cellars
2425 Encinal Alameda, CA
1 (A-D) SOIL

ANALYSIS

	Detection Limit	Sample Results
	----- ppm	----- ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	9.9
Benzene	0.1	<0.1
Toluene	0.1	<0.1
Xylenes	0.1	<0.1
Ethylbenzene	0.1	<0.1

Note: Analysis was performed using EPA methods 5030 and TPH LUFT
with method 8020 used for BTX distinction.

MOBILE CHEM LABS..

Ronald G. Evans

Ronald G. Evans
Lab Director



MOBILE CHEM LABS INC.

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791 Hamilton Ave.
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Date Sampled: 05-04-90
Date Received: 05-04-90
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Sample Number

B050005

Sample Description

Job # 003-116 Alameda Cellars
2425 Encinal Alameda, CA
2 (A-D) SOIL

ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	16
Benzene	0.1	<0.1
Toluene	0.1	<0.1
Xylenes	0.1	0.6
Ethylbenzene	0.1	<0.1

Note: Analysis was performed using EPA methods 5030 and TPH LUFT
with method 8020 used for BTX distinction.

MOBILE CHEM LABS

Joyce A. U. Dickerson
Ronald G. Evans
Lab Director



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Attn: Gary Zaccor

Date Sampled: 05-04-90
Date Received: 05-04-90
Date Reported: 05-04-90

Sample Number

B050006

Sample Description

Job # 003-116 Alameda Cellars
2425 Encinal Alameda, CA
3 (A-D) SOIL

ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	PPM	PPM
Total Petroleum Hydrocarbons as Gasoline	1.0	59
Benzene	0.1	<0.1
Toluene	0.1	0.3
Xylenes	0.1	<0.1
Ethylbenzene	0.1	<0.1

QA/QC: *Duplicate deviation is 1.7%

Note: Analysis was performed using EPA methods 5030 and TPH LUFT
with method 8020 used for BTX distinction.

MOBILE CHEM LABS

Ronald G. Evans
Ronald G. Evans
Lab Director

90 MAY 10 AM 11:58
LETTER OF TRANSMITTAL

Date: May 9, 1990
To: Katherine / Alameda County
From: Ballete Smith
Project: Alameda Cellars
901 Lincoln Ave
2425 Encinal Ave.

Enclosed please find the results for the above referenced projects.

Zaccor Corp. is contracting with Alameda Cellars to have the stockpiled material hauled away to Redwood Sanitary Landfill, Novato, Ca.

If you have any questions, please call our office.

Thanks!

Sincerely,

ZACCOR CORPORATION

Gary Zaccor
Gary Zaccor 