

geo - logic

geotechnical and environmental consulting services

1140 - 5th Avenue, Crockett, CA 94525

(510) 787-6867 - Fax (510) 787-1457

LOP 1754

February 6, 1999

Ms. Susan Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

RE: Former Berkeley Farms Dairy Facility
4550 San Pablo Avenue
Emeryville, California 94608

Dear Ms. Hugo:

Attached are copies of the analytical results from the composite soil stockpile sample that I showed you, and the results for the two tank pit samples taken on February 4, 1999. All of the samples yielded nondetectable results, except for 7.7 parts per million of total lead detected in the composite stockpile soil sample. I will prepare and submit to you a tank closure report in the near future. If you have any questions, please feel free to call me at (510) 787-6867.

Sincerely,

Geo-Logic, Inc.



Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/2000

Attachments: Analytical results

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ENVIRONMENTAL
PROTECTION

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CALCOAST ANALYTICAL

Materials Chemistry

Certified by

*California Department of Health Services
City of Los Angeles, Dept. of Building & Safety*

February 5, 1999

Geo - Logic
1140 - 5th Avenue
Crockett, CA 94525

Attn: Mr. Joel Greger

Ref: Lab File No.: 0204-4A/B-99

1. SAMPLES:

Two (2) soil cores;

Project: Former Berkeley Farms, 4550 San Pablo, Emeryville
Samples: A. N (4')
 B. S (4')

Collected: February 4, 1999

Received: February 4, 1999

2. ANALYSIS REQUIRED:

- A. Benzene, Toluene, Ethylbenzene and Xylene (BTEX) by Gas Chromatography (GC)
- B. Methyl-tert-butyl ether (MTBE) by GC.
- C. Total Extractable Petroleum Hydrocarbons (TEPH) - fuel oil by GC.

COATINGS • BUILDING MATERIALS • HAZARDOUS WASTE
SPECTROSCOPY • CHROMATOGRAPHY • MICROSCOPY

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3. METHODS OF ANALYSIS:

- A. EPA Method 8020; SW-846
- B. EPA Method 8020; SW-846
- C. EPA Methods 3550 and 8015; SW-846

4. RESULTS:**A. BTEX**

Sample	Concentration (mg/kg)			
	Benzene	Toluene	Ethylbenzene	Xylene
A. N (4')	<0.005(ND)	<0.005(ND)	<0.005(ND)	<0.005(ND)
B. S (4')	<0.005(ND)	<0.005(ND)	<0.005(ND)	<0.005(ND)
Method Blank	<0.005(ND)	<0.005(ND)	<0.005(ND)	<0.005(ND)
Mean Spike Recovery	106%	108%	102%	111%

B. MTBE

SAMPLE	MTBE (MG/KG)
A. N (4')	<0.1 (ND)
B. S (4')	<0.1 (ND)

Method Blank/Detection Limit = <0.1mg/kg (none detected)

C. TEPH - fuel oil

SAMPLE	TPH- FUEL OIL (MG/KG)
A. N (4')	<0.1 (ND)
B. S (4')	<0.1 (ND)

Method Blank/Detection Limit = <0.1mg/kg (none detected)



Ronald W. Shrewsbury
Analytical Chemist
RWS: swr

ALL SAMPLES SUBMITTED FOR TESTING WILL BE HELD 30 DAYS FROM REPORT DATE AT WHICH TIME THEY WILL BE RETURNED TO CLIENT OR DESTROYED. CLIENT WILL BE RESPONSIBLE FOR ALL SHIPPING, HANDLING, AND DISPOSAL CHARGES. SAMPLES WILL BE STORED UPON WRITTEN INSTRUCTIONS AND FEE ARRANGEMENTS.

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