

CALCOAST ANALYTICAL

Materials Chemistry

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

October 28, 1998

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

Attn: Mr. Joel Greger

Ref: Lab File No. 0925-2A/F-98

1. SAMPLE:

Six (6) soil cores from Berkeley Farms, San Pablo Avenue;

- A. N2 (12')
- B. S2 (12')
- C. NE2 (12')
- D. SE 2 (12')
- E. NW2 (12')
- F. SW2 (12')

Collected: September 25, 1998
Received: Sept4ember 25, 1998

2. ANALYSIS REQUIRED:

- A. Total Petroleum Hydrocarbons - diesel (TPH-d), on all six (6) samples, by Gas Chromatography (GC).
- B. Total Petroleum Hydrocarbons - gasoline (TPH-g), on Sample C only, by GC
- C. Benzene, Toluene, Ethylbenzene and Xylene (BTEX), on Sample C only, by GC

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3. METHODS OF ANALYSIS:

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

4. RESULTS:

A. TPH-diesel

Sample	TPH-diesel (mg/kg)
A. N2 (12')	120
B. S2 (12')	770
C. NE2 (12')	100
D. SE2 (12')	59
E. NW2 (12')	66
F. SW2 (12')	230

Method Blank/Detection Limit = < 0.1 mg/kg (none detected)
Mean Spike Recovery = 109%

B. TPH-gasoline

Sample	TPH-gasoline (mg/kg)
C. NE2 (12')	< 0.1 (ND)

Method Blank/Detection Limit = < 0.1 mg/kg (none detected)
Mean Spike Recovery = 103%

