



**BROWN AND CALDWELL LABORATORIES**

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

September 30, 1988

Mr. Francis Collins  
Hollis Street Complex  
Post Office Box 8685  
Emeryville, California 94662-0685

Subject: Underground Storage Tank Removal Soil Sampling

Dear Mr. Collins:

As per your request I have reviewed our files of a soil sampling project that was performed at your Hollis Street Complex in July of 1987. Mr. Reed Larson, a trained field technician of Brown and Caldwell Laboratories, collected a total of three samples at the tank removal excavation. Analytical results of these samples have been provided to you under separate cover.

The first sample was collected on July 15, 1987 in the northeastern corner of the excavation. Laboratory results for this test were reported under the report number E8807244. The second and third samples were collected on July 24, 1988. One sample was collected from the eastern end of the tank excavation at a depth of 10 to 10.5 feet. The other collected at the western end of the excavation at 10.5 to 11.0 feet below the surface elevation. Results for these ~~tests were~~ reported in laboratory results number E8707474. It is noted that the second collection date results are at or below the analytical detection limits for the compounds of Benzene, Toluene, and Xylene. Fuel hydrocarbons were detected at one location to be 95 mg/kg. An action level of 100 mg/kg is currently used by the San Francisco Bay Area Regional Water Quality Control Board.

Brown and Caldwell Laboratories follows State of California approved methods in the collection, transportation and analysis of environmental samples. The hand driven soil cores at your project site were collected in three inch diameter brass core tubes from the bottom of the excavation. The samples are sealed and transported to the laboratory in coolers at four degrees centigrade.

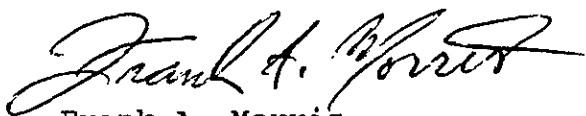
Brown and Caldwell Laboratories make no claim as to the condition of the site, only that the above statements are true and factual.

Mr. Francis Collins  
September 30, 1988  
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Thank you for calling Brown and Caldwell Laboratories for  
your analytical and field service needs.

Very truly yours,

BROWN AND CALDWELL LABORATORIES

A handwritten signature in cursive script that reads "Frank A. Morris".

Frank A. Morris  
Field Services Supervisor

FAM:vb



LOG NO: E87-07-244

Received: 15 JUL 87

Reported: 21 JUL 87

Mr. Francis Collins  
Hollis Street Project  
Post Office Box 8685  
Emeryville, California 84662-0685

REPORT OF ANALYTICAL RESULTS

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LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
07-244-1	Northeast Corner of Pit	15 JUL 87
PARAMETER	07-244-1	
Benzene, Toluene, Xylene Isomers		
Benzene, mg/kg	0.8	
Toluene, mg/kg	12	
Total Xylene Isomers, mg/kg	93	
Total Fuel Hydrocarbons, mg/kg	1700	

D. A. McLean, Laboratory Director



LOG NO: E87-07-474

Received: 24 JUL 87


Reported: 28 JUL 87

Mr. Francis Collins  
Hollis Street Project  
Post Office Box 8685  
Emeryville, California 84662-0685

REPORT OF ANALYTICAL RESULTS

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LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED	
07-474-1	Tank Site - East - 10.0-10.5'	24 JUL 87	
07-474-2	Tank Site - West - 10.5-11.0'	24 JUL 87	
PARAMETER		07-474-1	07-474-2
Benzene, Toluene, Xylene Isomers			
Benzene, mg/kg		<0.5	0.5
Toluene, mg/kg		<0.5	<0.5
Total Xylene Isomers, mg/kg		<0.5	0.7
Total Fuel Hydrocarbons, mg/kg		<10	95

  
D. A. McLean, Laboratory Director