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Registered Geologist • Certified Engineering Geologist • California and Oregon

January 9, 1989

Mr. Tom Peacock
Alameda County Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Suite 200
Oakland, California 94621

Re: **Backfilling of Tank Removal Excavation**
5787 Scarlett Ct. (Lew Doty Property)
Dublin, CA

Dear Mr. Peacock:

Pursuant to our telephone conversation today, enclosed please find the most recent laboratory test results of soils that have been stockpiled and aerated at the above-referenced site. Two 12,000 gallon underground gasoline tanks were removed on October 28, 1988 by Atlas Hydraulic Corporation.

At that time it was observed that soils and shallow groundwaters adjacent to, and beneath the tanks were contaminated with petroleum product. A total of approximately 10,000 gallons of contaminated water was vacuumed from the bottom of the excavation on November 3 and 7, 1988 and transported to an approved disposal site. About 200 cubic yards of contaminated soils generated from the tank excavation were spread out and aerated on paved parking areas of the subject property.

Periodic sampling by Trace Analysis Laboratory indicates that the Total Petroleum Hydrocarbon content, calculated as gasoline, of the stockpiled soil has decreased by aeration to less than 100 parts per million (ppm) from originally measured concentrations of up to 1,100 ppm. It would be appreciated if you could advise us if the aerated soil will now be acceptable for use as backfill in the excavation.

It is understood that further work will eventually be necessary to define the extent of contamination and determine appropriate remedial actions.

RECEIVED
JAN 10 1989
ST. FRANCIS
HOSPITAL
SAN FRANCISCO
CALIFORNIA

Mr. Tom Peacock
Alameda County Hazardous Materials Division
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Page 2

Thank you for your cooperation in this matter. Please contact me as to the results of your determination. If you have any questions, please feel free to call.

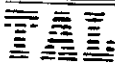
Very truly yours,



Louis A. Richardson
Certified Engineering Geologist
No. EG 1085

LAR:ka
Enclosures

cc: Mr. Bill Bender,
Atlas Hydraulic Corp.



DATE: 12/29/88
 LOG NO.: 6817
 DATE SAMPLED: 12/19/88
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 PAGE: Two

LAST SAMPLING

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III

CUSTOMER: Atlas Hydraulic Corporation
 REQUESTER: Bill Bender
 PROJECT: Lew Doty, 5787 Scarlet Court, Dublin, CA

Sample Type: Soil

Method and Constituent	Sample Type: Soil						
	Units	No. 12		No. 13		No. 14	
		Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	< 500	500	16,000	500	84,000	500
Modified EPA Method 8020:							
Benzene	ug/kg	< 70	70	< 70	70	< 70	70
Toluene	ug/kg	< 70	70	< 70	70	< 70	70
Xylenes	ug/kg	< 300	300	< 300	300	< 300	300
Ethyl Benzene	ug/kg	< 100	100	< 100	100	< 100	100

Method and Constituent

DHS Method:

Total Petroleum Hydrocarbons as Gasoline

Modified EPA Method 8020:

Benzene

Toluene

Xylenes

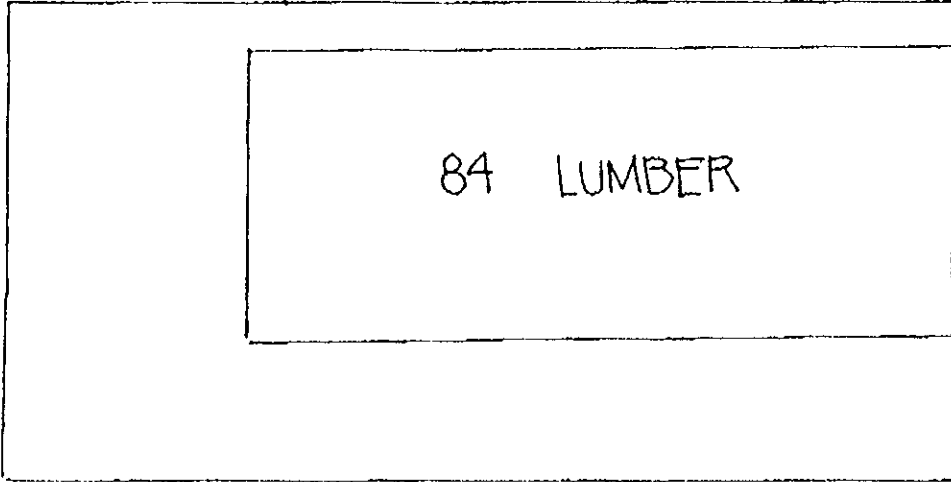
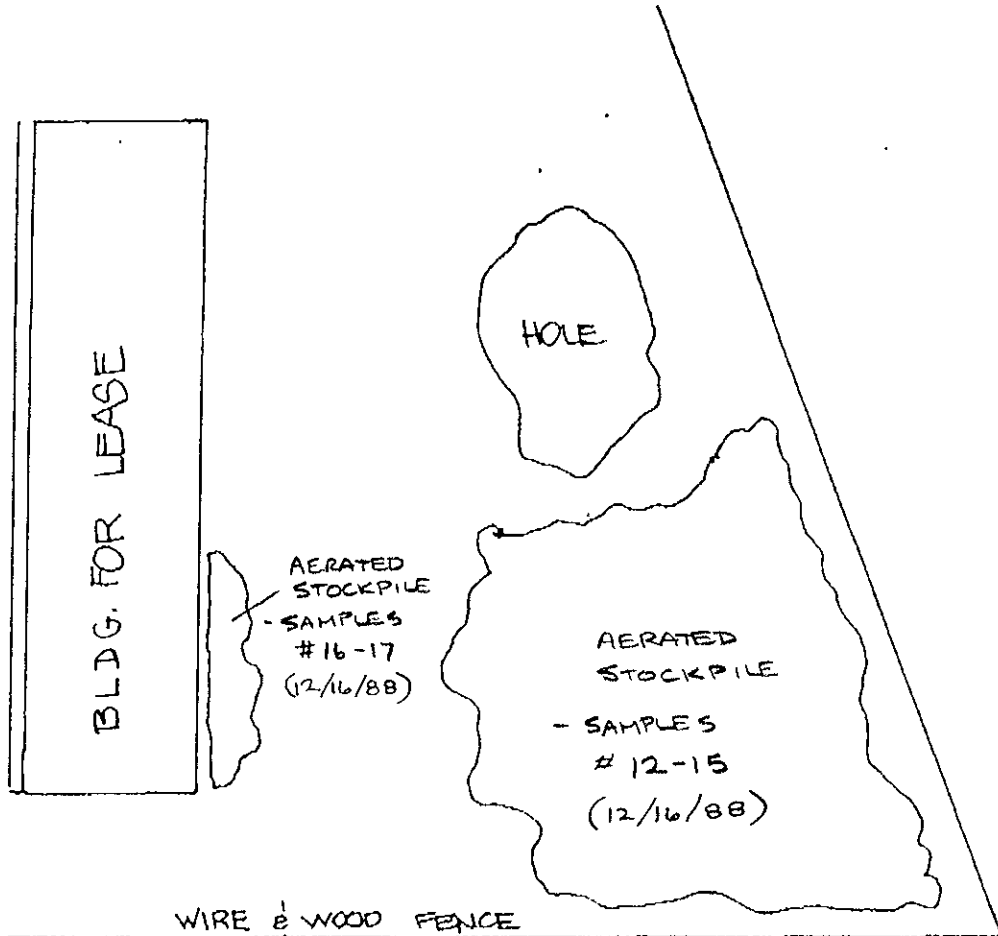
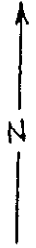
Ethyl Benzene

Units	No. 15		No. 16		No. 17	
	Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
ug/kg	84,000	500	< 500	500	< 500	500
ug/kg	< 70	70	< 70	70	< 70	70
ug/kg	< 70	70	< 70	70	< 70	70
ug/kg	670	300	< 300	300	< 300	300
ug/kg	< 100	100	< 300	100	< 100	100

Hugh R. McLean
 Hugh R. McLean
 Supervisory Chemist

HRM:vis

LEW DOTY CADILLAC
5787 SCARLET COURT
DUBLIN, CA.



SCARLET COURT

CHAIN OF CUSTODY RECORD

PRGJ. NO.		PROJECT NAME				NO. OF CONTAINERS	REMARKS				
PROJECT NAME		STATION LOCATION									
SAMPLERS: (Signature)		STATION LOCATION				REMARKS					
STA. NO.	DATE	TIME	COMP.	GRAB	REMARKS						
MF	19										
					TPHG/DATE					5 day, TAT	
12	2/26	3:00		✓	SOIL PNE BY THEHOLE	✓					
13		3:05		✓	↓	✓					
14		3:10		✓	↓	✓					
15		3:15		✓	↓	✓					
16		3:20		✓	SOIL PNE BY THEBUDG	✓					
17	↓	3:25		✓	↓	✓					
18	1988										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks			

