



Environmental Bio-Systems

30028 Industrial Parkway, Southwest
Hayward, California 94544-6904
(415) 429-9988

March 9, 1990

Leo Pagano
1104 Fountain Street
Alameda, California 94501

Attention: Mr. Leo Pagano

**Regarding: Stockpile Sampling at 1127 Lincoln Avenue, Alameda,
California**

The following documentation concerns the sampling of approximately 50 cubic yards of soil stockpiled at 1127 Lincoln Avenue, Alameda, California.

The 50 cubic yards of soil sampled represents the currently aerating portion of the approximate 150 cubic yards of soil remaining on site. The soil was excavated during the removal of 5 underground storage tanks at the site on September 11, 1989. Sampling was conducted to determine residuals levels of hydrocarbons remaining in the soil which had been aerating for several weeks.

SAMPLING

In accordance with Bay Area Air Quality Management District guidelines, a single composite sample consisting of four brass sample containers was collected.

SAMPLING METHODOLOGY

The samples were contained by driving clean brass tubes (1.92" x 6") into the exposed layer of soil. 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 evaporative loss of volatile constituents.

SAMPLE ANALYSIS

The samples were placed in a cooler on ice and transported under chain of custody documentation to Anametrix, Inc., a certified hazardous materials testing laboratory (HMTL # 151) to be analyzed for total petroleum hydrocarbons (TPH) calculated as gasoline and benzene, toluene, xylenes, and ethylbenzene (BTX&E) on a one week rush turnaround.

Analytical methods used by Anametrix, 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 did not contain levels of TPH as gasoline or BTX&E above the respective limits of detection for each of these constituents.

RECOMMENDATIONS

Based on the results of sample analysis, the 50 cubic yards of material are eligible for disposal at an accepting class III landfill.

REPORTAGE

Copies of the sampling report, the chain of custody, and the certified analytical report should be submitted to Regional Water Quality Control Board and the Alameda County Department of Environmental Health, Hazardous Materials Unit.

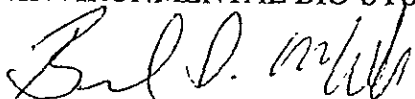
The following addresses have been listed for your convenience:

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

Alameda County Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621
ATTN: Lawrence Seto

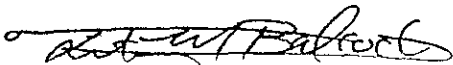
If you have any questions, or if I may be of further service please contact me at (415) 429-9988.

Sincerely,
ENVIRONMENTAL BIO-SYSTEMS, INC.



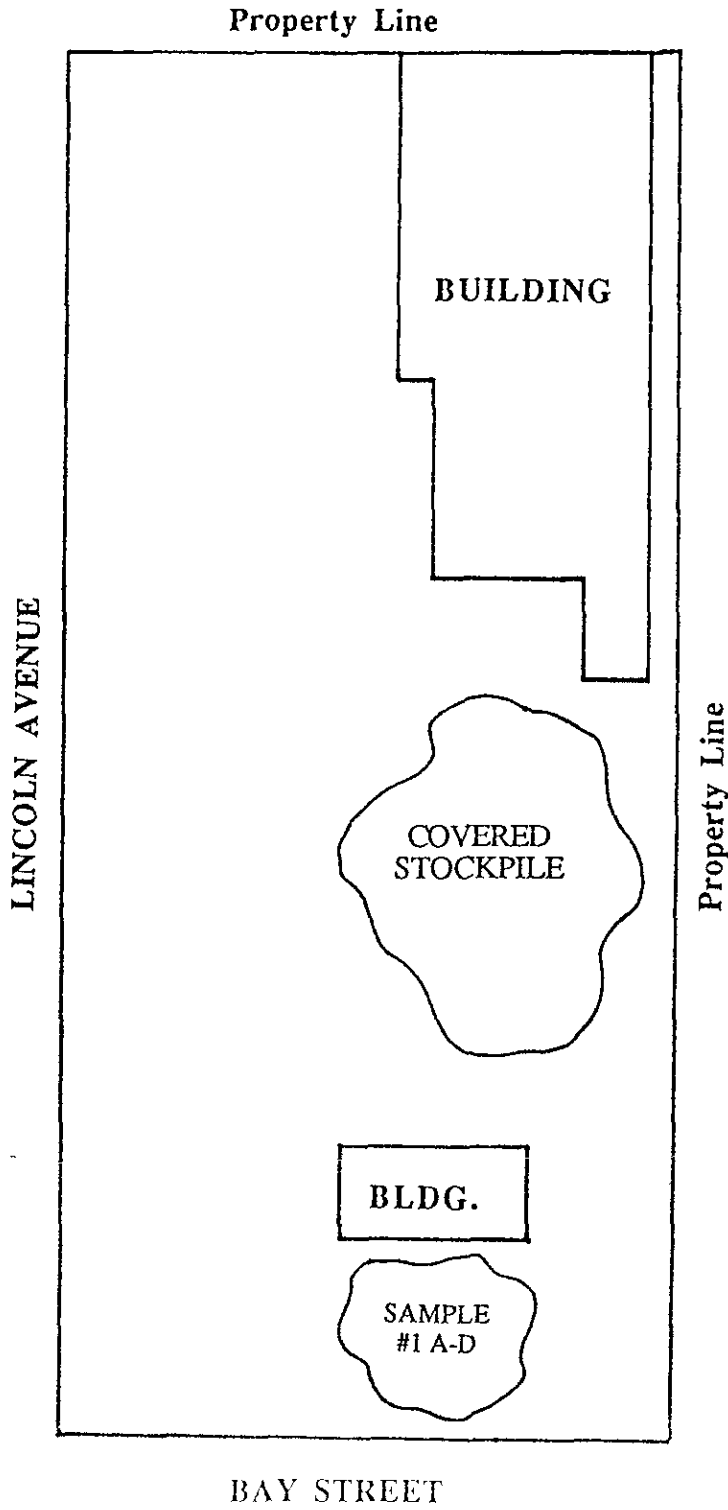
Brenda D. McNabb
Project Manager

Sincerely,
ENVIRONMENTAL BIO-SYSTEMS, INC.



Timothy M. Babcock
Environmental Scientist

TMB/bdm



Scale 1" = 20 feet

LEWIS' BAY STREET AUTO SERVICE
1127 LINCOLN AVENUE
ALAMEDA, CA

3/1/90

ANAMETRIX INC

Environmental Analytical Services
12410...
201...
201...



REPORT

Brenda McNabb
Environmental Bio-Systems
30028 Industrial Parkway, SW
Hayward, CA 94544

March 08, 1990
Anamatrix W.O.#: 9003017
Date Received : 03/01/90
Project Number : 151

Dear Ms. McNabb:

Your sample has been received for analysis. The REPORT SUMMARY lists your sample identifications and the analytical methods you requested. The following sections are included in this report: RESULTS.

NOTE: Amounts reported are net values, i.e. corrected for method blank contamination.

If there is any more that we can do, please give us a call. Thank you for using ANAMETRIX, INC.

Sincerely,

ANAMETRIX, INC.

Terry Cooke
TPH Supervisor

TC/dag

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 151 1(A-D)COMP.
Matrix : SOIL
Date sampled : 03/01/90
Date anl.TPHg: 03/08/90
Date ext.TPHd: N/A
Date anl.TPHd: N/A

Anamatrix I.D. : 9003017-01
Analyst : CB
Supervisor : TC
Date released : 03/08/90
Date ext. TOG : N/A
Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (ug/kg)	Amount Found (ug/kg)
71-43-2	Benzene	5	ND
108-88-3	Toluene	5	ND
100-41-4	Ethylbenzene	5	ND
1330-20-7	Total Xylenes	5	ND
	TPH as Gasoline	1000	ND

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

REPORT SUMMARY
ANAMETRIX, INC. (408) 432-8192

Client	: Environmental Bio-Systems	Anamatrix W.O.#:	9003017
Address	: 30028 Industrial Parkway, SW	Date Received	: 03/01/90
		Purchase Order#:	N/A
City	: Hayward, CA 94544	Project No.	: 151
Attn.	: Brenda McNabb	Date Released	: 03/08/90

Anamatrix I.D.	Sample I.D.	Matrix	Date Sampled	Method	Date Extract	Date Analyzed	Inst I.D.
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RESULTS

9003017-01	1(A-D) COMP.	SOIL	03/01/90	TPHg		03/08/90	N/A
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