



## **ENVIRONMENTAL BIO-SYSTEMS, INC.**

Innovative Solutions for a Better Environment

April 18, 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 60 cubic yards of soil stockpiled at 1127 Lincoln Avenue, Alameda, California, on April 6, 1990.

The 60 cubic yards of soil sampled represents the previously aerating portion of the approximate 100 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 the 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 48 hour 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 60 cubic yards of material are eligible for disposal at an accepting class III landfill.

4/18/90

LEO PAGANO @  
1127 LINCOLN AVE.  
ALAMEDA, CA

3

## 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:

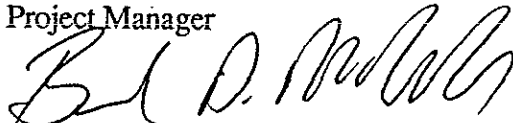
Water Quality Control Board  
San Francisco Bay Region  
1800 Harrison Street  
Room 700  
Oakland, CA 94612  
ATTN: Fuel Leaks Division

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

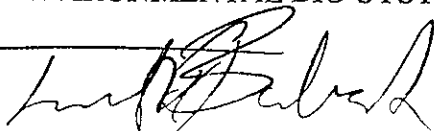
If you have any questions, or if I may be of further service please contact me at (415) 429-9988.

Sincerely,  
ENVIRONMENTAL BIO-SYSTEMS, INC.

Brenda D. McNabb  
Project Manager

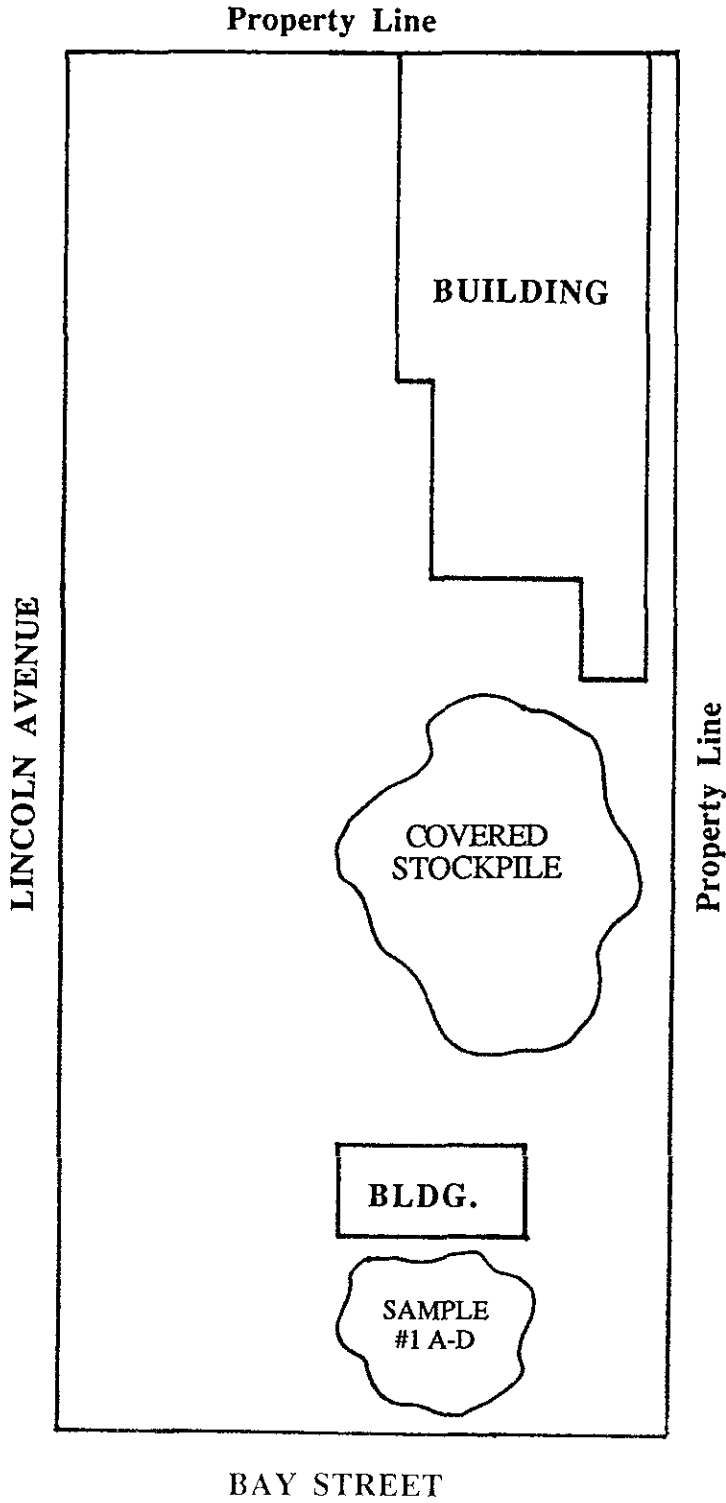


Sincerely,  
ENVIRONMENTAL BIO-SYSTEMS, INC.



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  
1951 ...  
1991432 ...



**REPORT**

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

April 11, 1990  
Anamatrix W.O.#: 9004070  
Date Received : 04/06/90  
Purchase Order#: N/A  
Project No. : 021-082

Dear Ms. McNabb:

Your samples have 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: 1) 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.

A handwritten signature in cursive script that reads "Terry Cooke".

Terry Cooke  
TPH Supervisor

TC/lm

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

Sample I.D. : 021-082 1A,B,C,D  
 Matrix : SOIL  
 Date sampled : 04/06/90  
 Date anl.TPHg: 04/10/90

Anametrix I.D. : 9004070-01  
 Analyst : G.V.  
 Supervisor : T.C.  
 Date released : 04/11/90

| CAS #     | Compound Name   | Detection 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.#: | : 9004070  |
| Address | : 30028 Industrial Parkway, SW | Date Received    | : 04/06/90 |
|         |                                | Purchase Order#: | : N/A      |
| City    | : Hayward, CA 94544            | Project No.      | : 021-082  |
| Attn.   | : Brenda McNabb                | Date Released    | : 04/11/90 |

| Anamatrix I.D. | Sample I.D. | Matrix | Date Sampled | Method | Date Extract | Date Analyzed | Inst I.D. |
|----------------|-------------|--------|--------------|--------|--------------|---------------|-----------|
| RESULTS        |             |        |              |        |              |               |           |
| 9004070-01     | 1A,B,C,D    | SOIL   | 04/06/90     | TPH    |              | 04/10/90      | N/A       |

ENVIRONMENTAL BIO-SYSTEMS, INC.  
30028 INDUSTRIAL PKWY., S.W.  
HAYWARD, CA. 94544  
(415) 429-9988

CHAIN OF CUSTODY

SITE ADDRESS:

CLIENT:

Lewis Bay St. Auto Serv.

Leo Pagano

1127 Lincoln Ave.

EBS #: 021-082

Alameda, CA

DATE SAMPLED: 4/6/90

LABORATORY: Anametrix

HMTL#: 151

| SAMPLE # | MATRIX | ANALYSIS | TURNAROUND |
|----------|--------|----------|------------|
|----------|--------|----------|------------|

|                        |             |                              |               |
|------------------------|-------------|------------------------------|---------------|
| <u>Composite #1A-D</u> | <u>Soil</u> | <u>TPH as gasoline, BTEX</u> | <u>48 HR.</u> |
|                        |             |                              |               |
|                        |             |                              |               |
|                        |             |                              |               |
|                        |             |                              |               |
|                        |             |                              |               |
|                        |             |                              |               |
|                        |             |                              |               |

Sampling Performed By

Brenda D. McNabb

Sampling Completed At

11:45 AM

Released By:

Brenda D. McNabb

Accepted By:

Michael K. Kelly

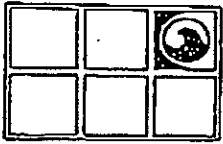
Time/Date

7:40 pm  
4/6/90

\_\_\_/\_\_\_/\_\_\_

\_\_\_/\_\_\_/\_\_\_





# GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.

4057 Port Chicago Highway, Concord, CA 94520  
Tel: (510) 671-2387 Fax: (510) 685-9148

## FAX TRANSMITTAL

DATE: 4/21/95

TIME: 1030

TO: Juliet Smith

FROM: Mike Chauslin

FAX NUMBER: 337-9335

NO. OF PAGES (including cover page): 2

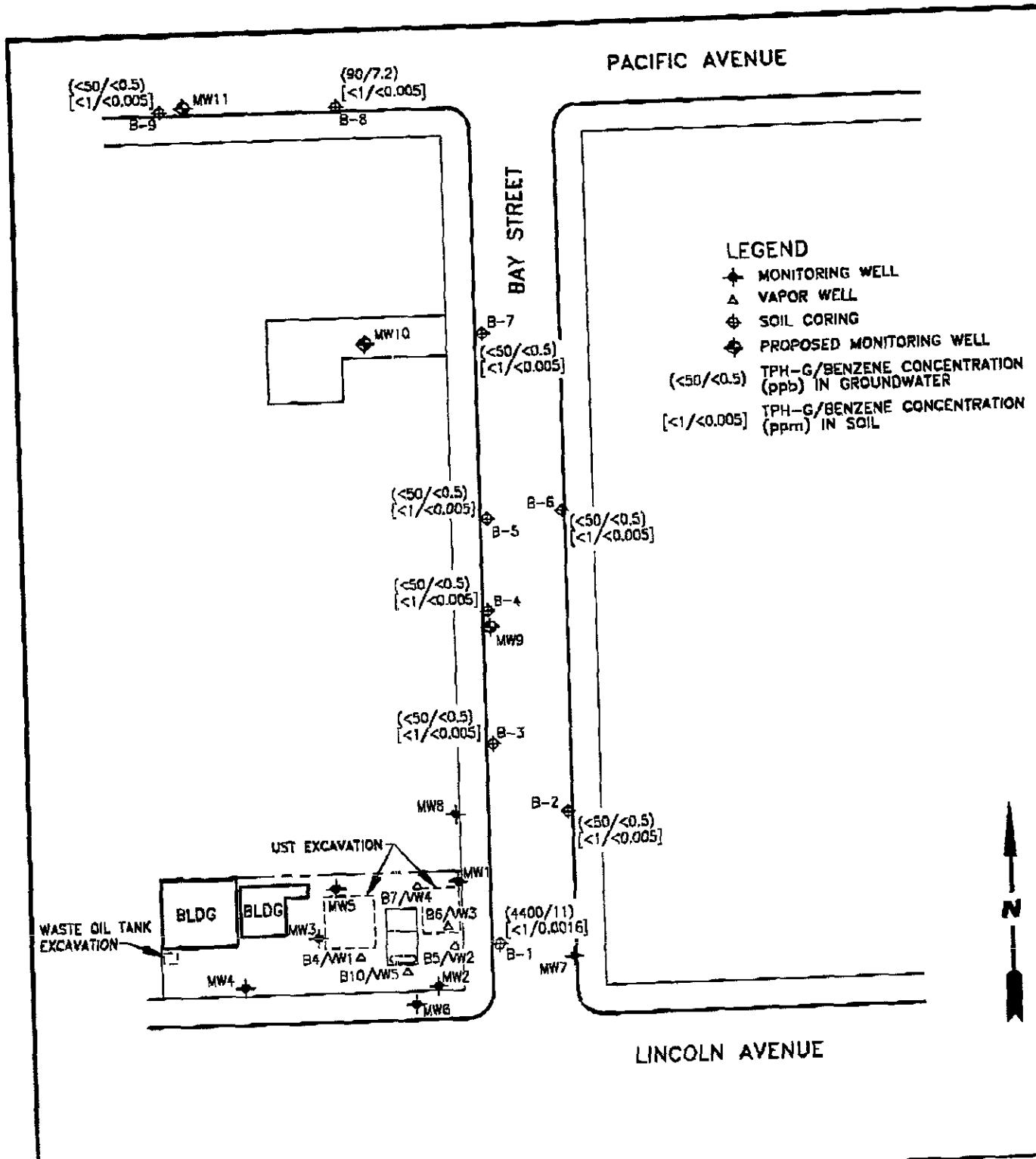
If you do not receive any of the pages, please call (510) 671-2387, Concord Regional/District Office.



To fax a reply, please send to (510) 685-9148.

### MESSAGE

Here's a copy of the soil boring locations, TPH-g/benzene concentrations for soil and groundwater, let me know if you will need anything else.

mac



|   |   |                    |  |                      |          |
|---|---|--------------------|--|----------------------|----------|
|  <b>GROUNDWATER TECHNOLOGY</b> |  |                    | <b>PROPOSED MONITORING WELL LOCATION MAP</b> |                      |          |
|   | CLIENT: <b>TEXACO REFINING &amp; MARKETING, INC.</b>                                | FILE: <b>SP395</b> | PROJECT NO: <b>020200049</b>                 | PM                   | RG/PE    |
| LOCATION: <b>1127 LINCOLN AVENUE ALAMEDA, CALIFORNIA</b>  | REV: <b>1</b>   | DES: <b>TW</b>     | DET: <b>ML</b>                               | DATE: <b>3/24/95</b> |          |
|   |   |                    |  | FIGURE:              | <b>2</b> |

# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134

(408) 263-2383

March 12, 1990

3:49 p.m.

Tag# 322411

CHECK RECEIPT - Number 220

15

*yds 20 yds 40*

450.00

*Containers  
Sail*

Total: 450.00

AUTHORIZED SIGNATURE



TRUCKING COMPANY

*WESTERN, INC*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1 1/2 % Monthly Late Charge or 18% Per Annum or maximum lawful amount.

# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134

(408) 263-2383

March 12, 1990

12:25 p.m.

Tag# 322324

CHECK RECEIPT - Number 220

15

*6,0, 770*

450.00

Total: 450.00

AUTHORIZED SIGNATURE



TRUCKING COMPANY

*WESTERN, INC*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1 1/2 % Monthly Late Charge or 18% Per Annum or maximum lawful amount.

HARMONY BUSINESS FORMS, INC. • BREMONT, CA • (415) 657-9018

HARMONY BUSINESS FORMS, INC. • BREMONT, CA • (415) 657-9018

# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

March 12, 1990

3:55 p.m.

Tag# 322414

CHECK RECEIPT - Number 220

15

*4 yds 30<sup>00</sup> per yd soil*

450.00

*40,420*

*Contaminated*

*Soil*  
*Don. Mairi Claud*

Total: 450.00

AUTHORIZED SIGNATURE

TRUCKING COMPANY

*Western Inc.*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per Annum or maximum lawful amount.

# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

March 12, 1990

12:23 p.m.

Tag# 322323

CHECK RECEIPT - Number 220

15

*0125 14*

450.00

*Soil*  
*Don. Mairi Claud*

Total: 450.00

AUTHORIZED SIGNATURE

TRUCKING COMPANY

*Western Inc.*

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018