BAMER Construction Co.

**Phone: 510-886-7706 ◆ Fax: 510-886-4131**
**3137 Castro Valley Blvd., #209, Castro Valley, California 94546-3244**

FACSIMILE TRANSMITTAL SHEET

DATE SENT: 8/9

TO BE DELIVERED TO: Brian Oliva

FACSIMILE NUMBER: 337-9335

SENT BY: Jon Bamer

NUMBER OF PAGES TO FOLLOW THIS COVER SHEET: 4

SPECIAL INSTRUCTIONS:

Brian -

Attached are the results from the soil samples at 2856 Helen St, Oakland. Thank you for you patience and cooperation. I will contact you soon.

Jon

cc: Taylor Partch

Please call (510) 886-7706 if there is any problems with this transmission.

THANK YOU!

# CALCOAST ANALYTICAL

## Materials Chemistry

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

Mailed 8/9/96 MK

FAXED
AUG 09 1996
#Pages 4 MP

August 9, 1996

Bamer Construction
3137 Castro Valley Blvd.
Castro Valley, CA 94546

Attn: Mr. John Bamer

Ref: Lab File #0807-6A/F-96

1. **SAMPLE(S):**

Six (6) soil core samples from *2856 Helen St.; Oakland, CA., Project* № *616 806 "O"*

A. #1; South Tank, East End
B. #2; South Tank, West End
C. #3; North Tank, North End
D. #4; North Tank, South End
E. #5; North Composite of Piles
F. #6; South Composite of Piles

*Received August 7, 1996*

2. **ANALYSIS REQUIRED:**

A. Total lead (Pb) concentration by Atomic Absorption Spectroscopy (AAS).

B. Total Petroleum Hydrocarbons - gasoline (TPH-g) by Gas Chromatography (GC).

C. Benzene, Toluene, ethylbenzene, and xylenes (BTEX) concentration by Gas Chromatography / Mass Spectrometry (GC/MS).



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4072 WATTS STREET • EMERYVILLE, CA 94608

## 3. METHODS OF ANALYSIS:

A. Sample Digestion - EPA Method 3050; SW-846
AAS Analysis - EPA Method 7420; SW-846

B. GC by EPA Method 8015; SW-846

C. GC/MS by EPA Method 8240; SW-846

## 4. RESULTS:

A. Total Lead

| SAMPLE | TOTAL LEAD CONCENTRATION (mg/kg) |
|---|---|
| A. S. Tank / E. End | 4.7 |
| B. S. Tank / W. End | 4.8 |
| C. N. Tank / N. End | 32 |
| D. N. Tank / S. End | 5.1 |
| E. N. Composite | 78 |
| F. S. Composite | 11 |

*Method Blank = < 5.0 mg/kg (none detected)*
*Mean Spike Recovery = 106%*

B. TPH-g

| SAMPLE | TPH-G CONCENTRATION (mg/kg) |
|---|---|
| A. #1, S. Tank / E. End | 200 |
| B. #2, S. Tank / W. End | 290 |
| C. #3, N. Tank / N. End | 0.43 |
| D. #4, N. Tank / S. End | 0.49 |
| E. #5, North Composite | 6.0 |
| F. #6, South Composite | 10 |

*Method Blank = < 0.05 mg/kg (none detected)*
*Mean Spike Recovery = 92%*

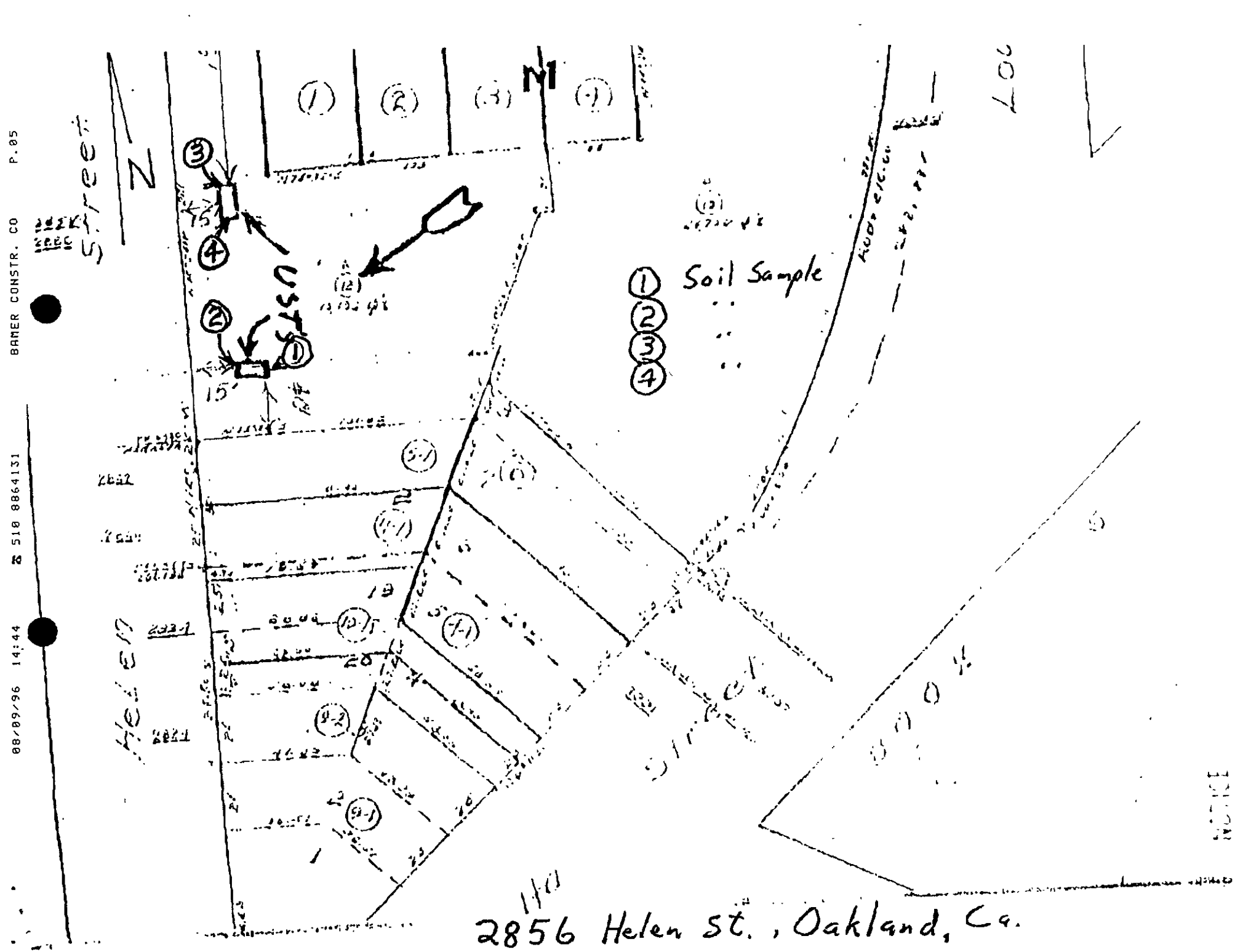
**4. RESULTS:(continued)**

C. BTEX

| SAMPLE | CONCENTRATION (µg/kg) | | | |
|---|---|---|---|---|
| | BENZENE | TOLUENE | ETHYLBENZENE | XYLENE |
| A. #1, S. Tank / E. End | 2,400 | 12,000 | 200 | 700 |
| B. #2, S. Tank / W. End | 6,500 | 17,000 | 1,500 | 7,600 |
| C. #3, N. Tank / N. End | < 0.1 (ND) | < 0.1 (ND) | 20 | 110 |
| D. #4, N. Tank / S. End | < 0.1 (ND) | < 0.1 (ND) | < 0.1 (ND) | < 0.1 (ND) |
| E. #5, N. Composite | < 0.1 (ND) | 590 | < 0.1 (ND) | 300 |
| F. #6, S. Composite | 140 | 880 | 290 | 610 |
| Method Blank | < 0.1 (ND) | < 0.1 (ND) | < 0.1 (ND) | < 0.1 (ND) |
| Mean Spike Recovery | 109% | 114% | 102% | 88% |

Ronald Shrewsbury
Analytical Chemist

RS:ag




2856 Helen St., Oakland, Ca.