

November 13, 1991

Mr. Bruce Hammon
Dalzell Corporation
P.O. Box 8284
Emeryville, California 94662

Dear Mr. Hammon:

Trace Analysis Laboratory took five soil samples on November 6, 1991 for your project, 4377 Adeline Street, Emeryville, CA (our custody log number 1487).

These samples were analyzed for Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene and Xylenes. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Jehnifer Pekol Project Specialist

Enclosures

## Trace Analysis Laboratory, Inc.

| LOG NUMBER:     | 1487     |
|-----------------|----------|
| DATE SAMPLED:   | 11/06/91 |
| DATE RECEIVED:  | 11/06/91 |
| DATE EXTRACTED: | 11/09/91 |
| DATE ANALYZED:  | 11/12/91 |
| DATE REPORTED:  | 11/13/91 |
| PAGE:           | Two      |

|  |              |                        | Sample_            | Type:              | 3011                      |                    |                    |  |
|--|--------------|------------------------|--------------------|--------------------|---------------------------|--------------------|--------------------|--|
| Method and Constituent:                  |              | 4                      |                    | 5                  |                           | Method Blank       |                    |  |
|  | <u>Units</u> | Concen-<br>tration     | Reporting<br>Limit | Concen-<br>tration | Reporting<br><u>Limit</u> | Concen-<br>tration | Reporting<br>Limit |  |
| DHS Method: Total Petroleum Hydro-       | ua (ka       | ua/ka ND 500 ND 500 ND |                    |                    |                           |                    |                    |  |
| carbons as Gasoline EPA Method 8020 for: | ug/kg        | ND∽                    | 500                | ND                 | 500                       | NU .               | 500                |  |
| Benzene                                  | ug/kg        | ND                     | 5.0                | ND                 | 5.0                       | ND                 | 5.0                |  |
| Toluene                                  | ug/kg        | (8.3)                  | 5.0                | ND                 | 5.0                       | ND                 | 5.0                |  |
| Ethylbenzene                             | ug/kg        | ND                     | 5.0                | ND                 | 5.0                       | ND                 | 5.0                |  |
| Xylenes                                  | ug/kg        | 56                     | 15                 | ND                 | 15                        | ND                 | 15                 |  |

## QC Summary:

% Recovery: 120 % RPD: 5.6

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager

## Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 . Hayward, California 94545

Telephone (510) 783-6960 Facsimile (510) 783-1512

DATE EXTRACTED: 11/09/91
DATE ANALYZED: 11/09/91

DATE ANALYZED: 11/12/91 DATE REPORTED: 11/13/91

**CUSTOMER:** 

Dalzell Corporation

**REQUESTER:** 

Bruce Hammon

PROJECT:

4377 Adeline Street, Emeryville, CA

|   | Sample Type: Soil |                    |                    |                    |                    |                    |                    |
|---|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|   |                   | 1                  |                    | 2                  |                    | 3                  |                    |
| Method and <u>Constituent</u> :               | Units             | Concen-<br>tration | Reporting<br>Limit | Concen-<br>tration | Reporting<br>Limit | Concen-<br>tration | Reporting<br>Limit |
| DHS Method:                                   |                   |                    |                    |                    |                    |                    |                    |
| Total Petroleum Hydro-<br>carbons as Gasoline | ug/kg             | ND                 | 500                | 230,000            | 3,000              | ND                 | 500                |
| EPA Method 8020 for:                          |                   |                    |                    |                    |                    |                    |                    |
| Benzene                                       | ug/kg             | ND                 | 5.0                | ND                 | 260                | ND                 | 5.0                |
| Toluene                                       | ug/kg             | ND                 | 5.0                | ND                 | 220                | ND                 | 5.0                |
| Ethylbenzene                                  | ug/kg             | ND                 | 5.0                | 2,500              | 240                | ND                 | 5.0                |
| Xylenes                                       | ug/kg             | ND                 | 15                 | 18,000             | <b>600</b>         | ND                 | 15                 |

Concentrations reported as ND were not detected at or above the reporting limit.

Site Address: \_ 4377 Adeline Street Emeryville, CA

North //\

Building 4377 Adeline Street

---Fence--------Stockpile #5 #3 -Excavation #4 #1 Adeline Street ---Fence----

Requester: Bruce Hammon

Customer:

Dalzell Corporation

Address:

P.O. Box 8284

Date Sampled: \_\_11/06/91

Emeryville, CA 94662

Log #:

1487

dalige proficion

Bill to: Dalzell
CHAIN OF CUSTODY RECORD Proj.No. Project Name 4377 Adeline Street, Emeryville, CA No. (signature) for TAL Samplers: of John 1487 Sample Date Time Site Location Con-10 ta iners 4377 Adeline St. 11/6/11/2:10 1-1.4. 2 3:30 3.40 3:50 3:55 6 = 1.0 0.50 Detaction 0.50 Stockaile Limit 0.50 0.50 Relinquished by: (signature) Date/Time Date/Time Received by: (signature) Date/Time Relinguished by: (signature) Date/Time Received by: (signature) Received for Laboratory by: (signature) Date/Time REMARKS Field Sampling
5-day TAT
. Soll

1-bt Mice ·y-1

Founding Member of the Association of California Testing Laboratories