

# Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700  
BURBANK, CALIFORNIA 91505-4331

June 1, 1989

Mr. George Warren  
City of Emeryville  
Fire Department  
6303 Hollis Street  
Emeryville, CA 94608

MOBIL OIL CORPORATION  
S/S #10-LTV  
1700 POWELL STREET  
EMERYVILLE, CALIFORNIA


Dear Mr. Warren:

Enclosed for your review and approval is the soil sampling report, dated May 24, 1989, for subject location.

Also enclosed for your information is the proposed work plan for the installation of three additional monitoring wells to define the extent of groundwater contamination. Once we receive approval of the plan, work will begin. If approval is not required, we will proceed immediately with the installation of the wells.

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,

  
D. M. Noe, P.E.  
Environmental Advisor

DMN:st  
attachments

cc: Ms. Dyan White - w/ attachments  
Regional Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street, Room 6000  
Oakland, CA 94607

Mr. Dennis Byrne - w/ attachments  
Alameda County Health Department  
470 27th Street, Room 324  
Oakland, CA 94612

Mr. Bill Hollis - w/ attachments  
BP Oil Company  
Aetna Building, Suite 360  
2868 Prospect Park Drive  
Rancho Cordova, CA 95670-6020  
S. Pao  
R. J. Edwards

4/5



**KAPREALIAN ENGINEERING, INC.**

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915

KEI-J89-0410.R1  
May 10, 1989

ENVIRONMENTAL AFFAIRS  
OPERATIONS DEPARTMENT

MAY 19 1989

Mobil Oil Corporation  
P.O. Box 127  
Richmond, CA 94804

Attention: Mr. Steve Pao

RE: Soil Sampling Report  
Mobil Service Station #10-LTV  
1700 Powell Street  
Emeryville, California

Dear Mr. Pao:

This report summarizes the results of soil sampling performed by Kaprealian Engineering, Inc. (KEI) at the referenced site. All work was performed in compliance with the guidelines established by the Regional Water Quality Control Board (RWQCB), and the Alameda County Health Agency.

The scope of the work performed in our investigation consisted of the following:

Coordination with the regulatory agencies

Collection of samples of native soil from beneath the waste oil tank; both the old and the new tank pit sidewalls.

Delivery of soil samples with proper Chain of Custody documentation to a certified analytical laboratory

Technical review of laboratory analyses and preparation of this report

SITE HISTORY AND DESCRIPTION

The subject site is presently used as a gasoline station. Site vicinity and site descriptions are shown on the attached sketch.

May 10, 1989

Page 2

KEI's field investigation was conducted on April 24, 1989. One ~~copy of the original site plan was~~. Tank removal and soil sampling were performed in the presence of Mr. George Warren of the City of Emeryville Fire Department. The tank was made of steel and no apparent holes or cracks were observed in the tank.

One soil sample, labeled WO-1, was collected from the native soil beneath the tank at a depth of seven feet. One additional sample, labeled WO-2, was collected from the tank pit sidewall at a depth of nine feet, approximately six inches above ground water. The undisturbed samples were collected from bulk material excavated by backhoe. The samples were placed in clean, 2" diameter brass tubes, sealed with aluminum foil and plastic caps, and stored in a cooled ice chest for delivery to a certified laboratory. Sample point locations are as indicated on the attached Site Plan.

KEI returned to the site on April 27, 1989 to collect soil samples from the new waste oil tank pit. Four soil samples, labeled NWO-1 through NWO-4 inclusive, were collected from the native soil taken from the sidewalls of the excavation approximately six inches above ground water. The undisturbed sample were collected from bulk material excavated by backhoe. The samples were collected and handled as described above. The samples were collected in the presence of Mr. Dennis Byrne of the Alameda County Health Agency, and Mr. George Warren of the City of Emeryville Fire Department. New tank pit sample point locations are also shown on the attached Site Plan.

#### SUBSURFACE CONDITIONS

Subsurface soils exposed in the excavation consisted primarily of clayey sand and silty clay fill material. Several very large concrete blocks were present in the sidewalls and bottoms of both excavation. Excavated soil was stockpiled on site.

#### ANALYTICAL RESULTS

The samples were analyzed by Sequoia Analytical Laboratory in Redwood City, California and were accompanied by properly executed Chain of Custody documentation. Samples WO-1 and WO-2 were analyzed for total petroleum hydrocarbon (TPH) as gasoline and diesel by EPA methods 5030 or 3810 and 3550 in conjunction with modified 8015, benzene, toluene, xylenes and ethylbenzene (BTX&E) by EPA methods 5030 and 8020, purgeable halocarbons by EPA method 8010, and total oil and grease (TOG) by method 413.1. Samples NWO-1 through NWO-4 were analyzed for total petroleum hydrocarbon (TPH) as diesel by EPA method 3550 in conjunction

with modified 8015 and total oil and grease (TOG) by EPA method 413.1. The laboratory analyses for samples collected from the existing waste oil tank pit showed low to non-detectable levels of all constituents except TOG, which was 64 ppm for WO-2 and 340 ppm for WO-1. Sample NWO-4, collected from the new waste oil tank excavation, showed TPH as diesel and TOG levels of 370 ppm and 10,000 ppm, respectively. Analyses for NWO-1, NWO-2 and NWO-3 showed non-detectable levels of all constituents. Based on the above results, soil from the common wall, represented by NWO-4, was excavated and stockpiled on-site. The results are summarized in Table 1. Copies of the laboratory analyses and Chain of Custody documentation are attached to this report.

#### DISTRIBUTION

A copy of this report should be sent to Mr. George Warren of the City of Emeryville Fire Department, Mr. Dennis Byrne of the Alameda County Health Agency, and to the RWQCB, San Francisco Bay Region.

#### LIMITATIONS

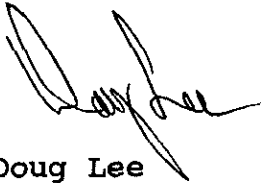
The results of this study are based on the data obtained from the field and laboratory investigations. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

KEI-J89-0410.R1  
May 10, 1989  
Page 4

Should you have any questions regarding this report, please feel free to call me at (707) 746-6915.

Sincerely,

Kaprealian Engineering, Inc.



Doug Lee  
Geologist



Mardo Kaprealian  
President

Attachments: Table 1  
Site Plan  
Laboratory Analyses  
Chain of Custody documentation

cc: David Noe ✓



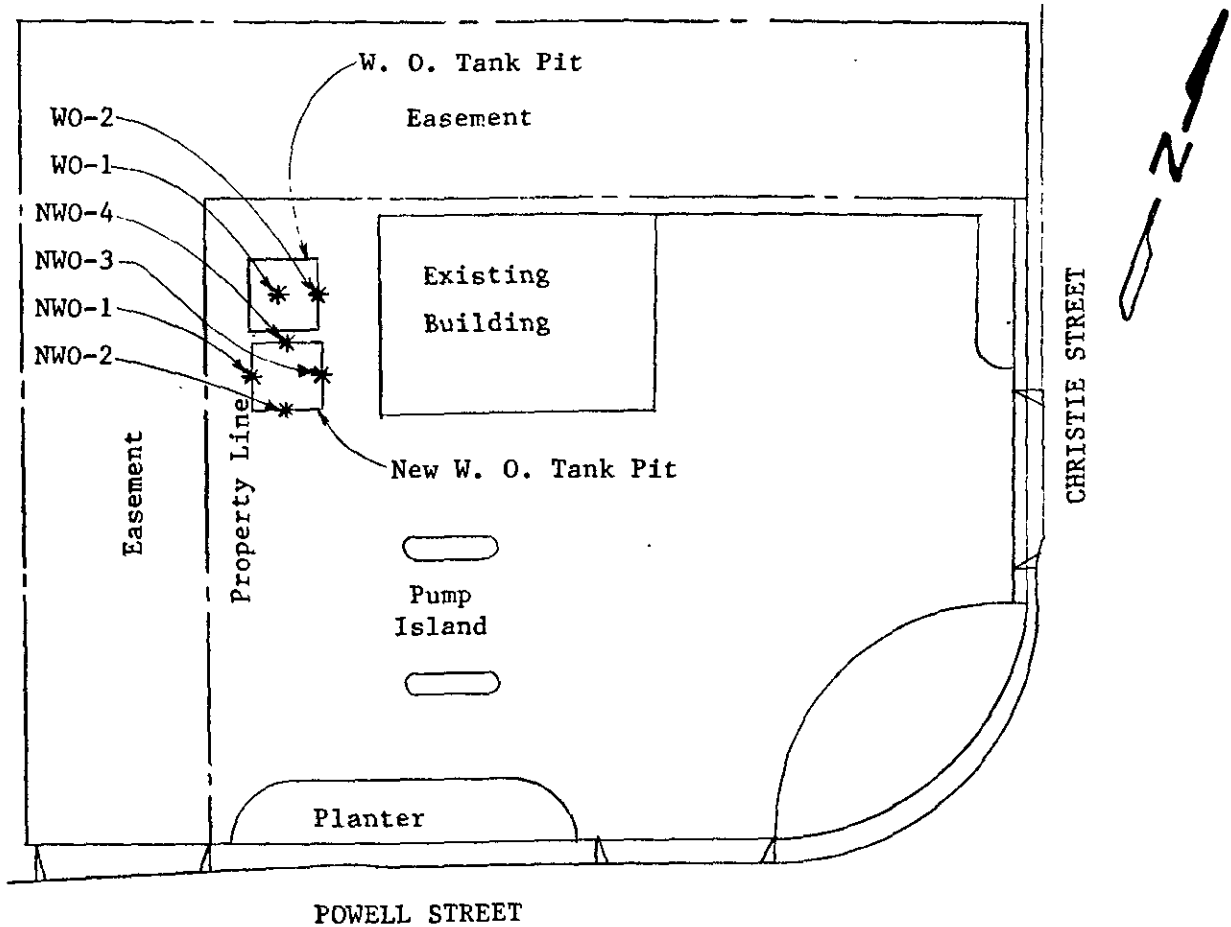
# KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915



SITE PLAN



Mobil Service Station #10-LTV  
1700 Powell Street  
Emeryville, California



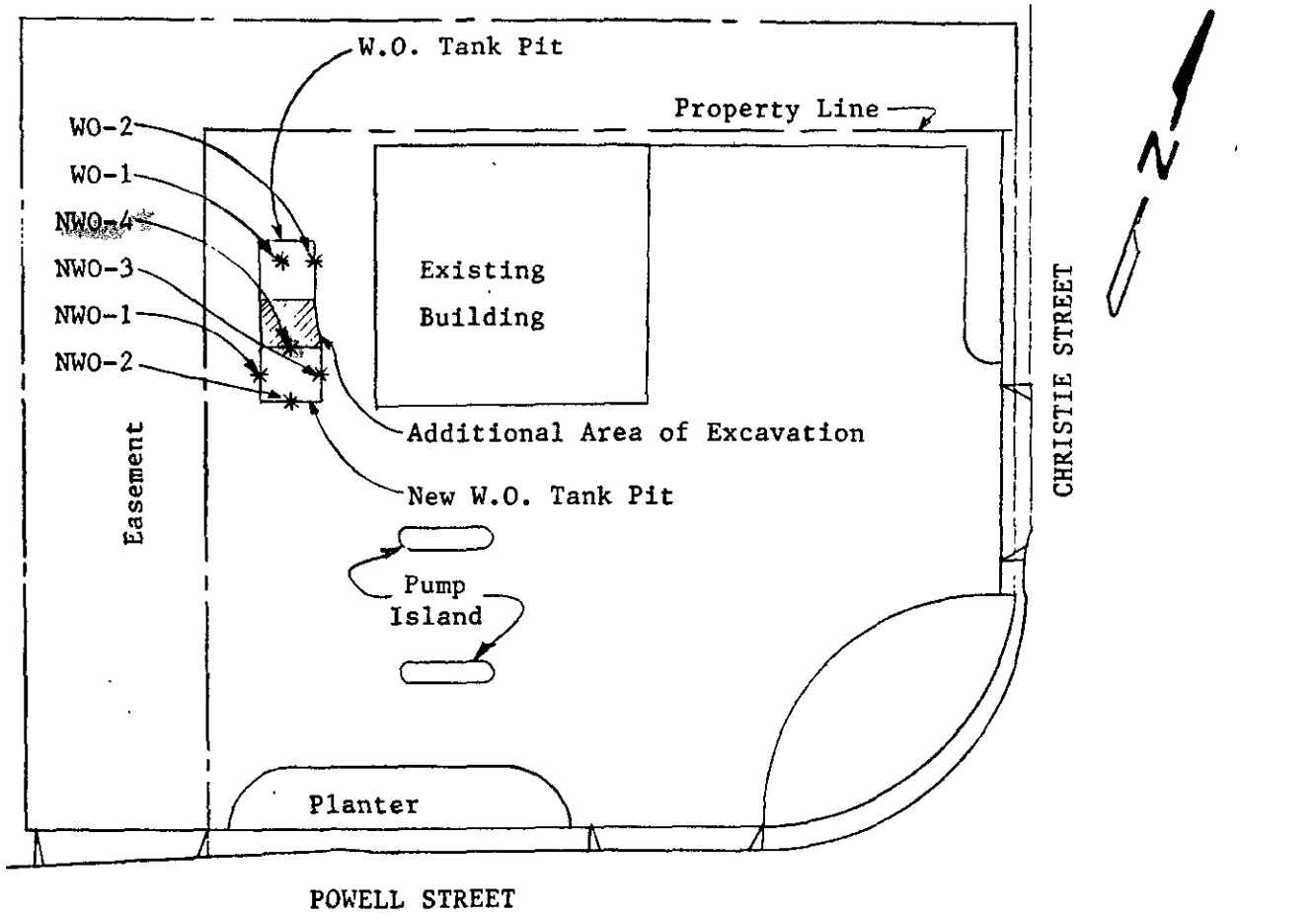
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SITE PLAN



\* Soil Sample Location

Mobil Service Station #10-LTV  
1700 Powell Street  
Emeryville, California

KEI-J89-0410.R1  
May 10, 1989

TABLE 1

SUMMARY OF LABORATORY ANALYSES

(Results in ppm)  
(Samples collected on April 24, 1989)

| <u>Sample</u> | <u>Depth<br/>(feet)</u> | <u>TOG</u> | <u>TPH as<br/>Diesel</u> | <u>TPH as<br/>Gasoline</u> | <u>Benzene</u> | <u>Toluene</u> | <u>Xylenes</u> | <u>Ethyl-<br/>benzene</u> |
|---------------|-------------------------|------------|--------------------------|----------------------------|----------------|----------------|----------------|---------------------------|
| WO-1*         | 7                       | 340        | 27                       | 9.6                        | ND             | ND             | ND             | ND                        |
| WO-2*         | 9                       | 64         | ND                       | ND                         | ND             | ND             | ND             | ND                        |
| NWO-1         | 9                       | ND         | ND                       | ---                        | ---            | ---            | ---            | ---                       |
| NWO-2         | 9                       | ND         | ND                       | ---                        | ---            | ---            | ---            | ---                       |
| NWO-3         | 9                       | ND         | ND                       | ---                        | ---            | ---            | ---            | ---                       |
| NWO-4         | 9                       | 10,000     | 370                      | ---                        | ---            | ---            | ---            | ---                       |

Detection  
Limits                      30.0    1.0    1.0            0.05    0.1    0.1            0.1

\* All 8010 constituents for both samples were non-detectable.

ND = Non-detectable.





# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

|                                   |   |                        |
|-----------------------------------|---|------------------------|
| Kaprealian Engineering, Inc.      | Client Project ID: Mobil, Emeryville, Powell/Christie | Sampled: Apr 24, 1989  |
| P.O. Box 913                      | Matrix Descript: Soil                                 | Received: Apr 24, 1989 |
| Benicia, CA 94510                 | Analysis Method: EPA 5030/8015/8020                   | Analyzed: Apr 25, 1989 |
| Attention: Mardo Kaprealian, P.E. | First Sample #: 904-2423                              | Reported: Apr 26, 1989 |

## TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

| Sample Number | Sample Description | Low/Medium B.P. Hydrocarbons<br>mg/kg (ppm) | Benzene<br>mg/kg (ppm) | Toluene<br>mg/kg (ppm) | Ethyl Benzene<br>mg/kg (ppm) | Xylenes<br>mg/kg (ppm) |
|---------------|--------------------|---|------------------------|------------------------|------------------------------|------------------------|
| 904-2423      | WO-1               | 9.6   | N.D.                   | N.D.                   | N.D.                         | N.D.                   |
| 904-2424      | WO-2               | N.D.  | N.D.                   | N.D.                   | N.D.                         | N.D.                   |

|                          |            |             |            |            |            |
|--------------------------|------------|-------------|------------|------------|------------|
| <b>Detection Limits:</b> | <b>1.0</b> | <b>0.05</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |
|--------------------------|------------|-------------|------------|------------|------------|

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.      Client Project ID: Mobil, Emeryville, Powell/Christie      Sampled: Apr 24, 1989  
P.O. Box 913      Matrix Descript: Soil      Received: Apr 24, 1989  
Benicia, CA 94510      Analysis Method: EPA 3550/8015      Analyzed: Apr 25, 1989  
Attention: Mardo Kaprealian, P.E.      First Sample #: 904-2423      Reported: Apr 26, 1989

## TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

| Sample Number | Sample Description | High B.P. Hydrocarbons<br>mg/kg<br>(ppm) |
|---------------|--------------------|--|
| 904-2423      | WO-1               | 27                                       |
| 904-2424      | WO-2               | N.D.                                     |

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

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Arthur G. Burton  
Laboratory Director



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(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.  
P.O. Box 913  
Benicia, CA 94510  
Attention: Mardo Kaprealian, P.E.

Client Project ID: Mobil, Emeryville, Powell/Christie  
Matrix Descript: Soil  
Analysis Method: EPA 413.1 (Gravimetric)  
First Sample #: 904-2423

Sampled: Apr 24, 1989  
Received: Apr 24, 1989  
Extracted: Apr 25, 1989  
Analyzed: Apr 25, 1989  
Reported: Apr 26, 1989

## TOTAL RECOVERABLE OIL & GREASE

| Sample Number | Sample Description | Oil & Grease mg/kg (ppm) |
|---------------|--------------------|--------------------------|
| 904-2423      | WO-1               | 340                      |
| 904-2424      | WO-2               | 64                       |

Detection Limits: 30.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director



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|                                   |  |                        |
|-----------------------------------|--|------------------------|
| Kaprealian Engineering, Inc.      | Client Project ID: Mobil, Emeryville, Powell/Christie\ | Sampled: Apr 24, 1989  |
| P.O. Box 913                      | Sample Descript: Soil, WO-1                            | Received: Apr 24, 1989 |
| Benicia, CA 94510                 | Analysis Method: EPA 5030/8010                         | Analyzed: Apr 25, 1989 |
| Attention: Mardo Kaprealian, P.E. | Lab Number: 904-2423                                   | Reported: Apr 26, 1989 |

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

| Analyte                        | Detection Limit<br>µg/kg | Sample Results<br>µg/kg |
|--------------------------------|--------------------------|-------------------------|
| Bromodichloromethane.....      | 20.0                     | N.D.                    |
| Bromoform.....                 | 20.0                     | N.D.                    |
| Bromomethane.....              | 20.0                     | N.D.                    |
| Carbon tetrachloride.....      | 20.0                     | N.D.                    |
| Chlorobenzene.....             | 20.0                     | N.D.                    |
| Chloroethane.....              | 100.0                    | N.D.                    |
| 2-Chloroethylvinyl ether.....  | 20.0                     | N.D.                    |
| Chloroform.....                | 20.0                     | N.D.                    |
| Chloromethane.....             | 20.0                     | N.D.                    |
| Dibromochloromethane.....      | 20.0                     | N.D.                    |
| 1,2-Dichlorobenzene.....       | 40.0                     | N.D.                    |
| 1,3-Dichlorobenzene.....       | 40.0                     | N.D.                    |
| 1,4-Dichlorobenzene.....       | 40.0                     | N.D.                    |
| 1,1-Dichloroethane.....        | 20.0                     | N.D.                    |
| 1,2-Dichloroethane.....        | 20.0                     | N.D.                    |
| 1,1-Dichloroethene.....        | 20.0                     | N.D.                    |
| trans-1,2-Dichloroethene.....  | 20.0                     | N.D.                    |
| 1,2-Dichloropropane.....       | 20.0                     | N.D.                    |
| cis-1,3-Dichloropropene.....   | 20.0                     | N.D.                    |
| trans-1,3-Dichloropropene..... | 20.0                     | N.D.                    |
| Methylene chloride.....        | 40.0                     | N.D.                    |
| 1,1,2,2-Tetrachloroethane..... | 20.0                     | N.D.                    |
| Tetrachloroethene.....         | 20.0                     | N.D.                    |
| 1,1,1-Trichloroethane.....     | 20.0                     | N.D.                    |
| 1,1,2-Trichloroethane.....     | 20.0                     | N.D.                    |
| Trichloroethene.....           | 20.0                     | N.D.                    |
| Trichlorofluoromethane.....    | 20.0                     | N.D.                    |
| Vinyl chloride.....            | 40.0                     | N.D.                    |

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director



# SEQUOIA ANALYTICAL

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(415) 364-9600 • FAX (415) 364-9233

|                                   |   |                        |
|-----------------------------------|---|------------------------|
| Kapreallan Engineering, Inc.      | Client Project ID: Mobil, Emeryville, Powell/Christie | Sampled: Apr 24, 1989  |
| P.O. Box 913                      | Sample Descript: Soil, WO-2                           | Received: Apr 24, 1989 |
| Benicia, CA 94510                 | Analysis Method: EPA 5030/8010                        | Analyzed: Apr 25, 1989 |
| Attention: Mardo Kapreallan, P.E. | Lab Number: 904-2424                                  | Reported: Apr 26, 1989 |

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

| Analyte                        | Detection Limit<br>µg/kg | Sample Results<br>µg/kg |
|--------------------------------|--------------------------|-------------------------|
| Bromodichloromethane.....      | 5.0                      | N.D.                    |
| Bromoform.....                 | 5.0                      | N.D.                    |
| Bromomethane.....              | 5.0                      | N.D.                    |
| Carbon tetrachloride.....      | 5.0                      | N.D.                    |
| Chlorobenzene.....             | 5.0                      | N.D.                    |
| Chloroethane.....              | 25.0                     | N.D.                    |
| 2-Chloroethylvinyl ether.....  | 5.0                      | N.D.                    |
| Chloroform.....                | 5.0                      | N.D.                    |
| Chloromethane.....             | 5.0                      | N.D.                    |
| Dibromochloromethane.....      | 5.0                      | N.D.                    |
| 1,2-Dichlorobenzene.....       | 10.0                     | N.D.                    |
| 1,3-Dichlorobenzene.....       | 10.0                     | N.D.                    |
| 1,4-Dichlorobenzene.....       | 10.0                     | N.D.                    |
| 1,1-Dichloroethane.....        | 5.0                      | N.D.                    |
| 1,2-Dichloroethane.....        | 5.0                      | N.D.                    |
| 1,1-Dichloroethene.....        | 5.0                      | N.D.                    |
| trans-1,2-Dichloroethene.....  | 5.0                      | N.D.                    |
| 1,2-Dichloropropane.....       | 5.0                      | N.D.                    |
| cis-1,3-Dichloropropene.....   | 5.0                      | N.D.                    |
| trans-1,3-Dichloropropene..... | 5.0                      | N.D.                    |
| Methylene chloride.....        | 10.0                     | N.D.                    |
| 1,1,2,2-Tetrachloroethane..... | 5.0                      | N.D.                    |
| Tetrachloroethene.....         | 5.0                      | N.D.                    |
| 1,1,1-Trichloroethane.....     | 5.0                      | N.D.                    |
| 1,1,2-Trichloroethane.....     | 5.0                      | N.D.                    |
| Trichloroethene.....           | 5.0                      | N.D.                    |
| Trichlorofluoromethane.....    | 5.0                      | N.D.                    |
| Vinyl chloride.....            | 10.0                     | N.D.                    |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director



# KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915

## CHAIN OF CUSTODY

SAMPLER: [Signature] DATE/TIME OF COLLECTION: 4-24-89 TURN AROUND TIME: 24 hrs.  
 (Signature)

SAMPLE DESCRIPTION AND PROJECT NUMBER: Mobil / Emeryville / Powell & Christie

| SAMPLE # | ANALYSES                        | GRAB OR COMP. | NUMBER OF CONTAINERS | SOIL/WATER |
|----------|---------------------------------|---------------|----------------------|------------|
| W.D.-1   | TPH-G/BTX&E/TPH-D/800/TG6(43.1) | G             | 1                    | S          |
| W.D.-2   | TPH-G/BTX&E/TPH-D/800/TG6(43.1) | G             | 1                    | S          |
|          |                                 |               |                      |            |
|          |                                 |               |                      |            |
|          |                                 |               |                      |            |
|          |                                 |               |                      |            |
|          |                                 |               |                      |            |
|          |                                 |               |                      |            |

| RELINQUISHED BY*            | TIME/DATE      | RECEIVED BY*             | TIME/DATE     |
|-----------------------------|----------------|--------------------------|---------------|
| 1. <u>[Signature] (KEI)</u> | 3:45 / 4-24-89 | <u>William Stecha</u>    | 4/24/89 1545  |
| 2. <u>William Stecha</u>    | 4/24/89 1730   | <u>Donna [Signature]</u> | 4/24/89 17:20 |
| 3.                          |                |                          |               |

\* STATE AFFILIATION NEXT TO SIGNATURE

REMARKS: \_\_\_\_\_

**NOTE:** IF REGULAR TURNAROUND, SOIL ANALYSES MUST BE COMPLETED WITHIN 14 CALENDAR DAYS OF SAMPLE COLLECTION. WATER ANALYSES MUST BE COMPLETED WITHIN 7 CALENDAR DAYS FOR BTX&E (UNLESS SAMPLE HAS BEEN PRESERVED), AND 14 CALENDAR DAYS FOR TPH AS GASOLINE; EXTRACT TPH AS DIESEL WITHIN 14 CALENDAR DAYS.



# SEQUOIA ANALYTICAL

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Kapreallan Engineering, Inc.  
P.O. Box 913  
Benicia, CA 94510  
Attention: Mardo Kapreallan, P.E.

Client Project ID: Mobil - Emeryville/Powell  
Matrix Descript: Soil  
Analysis Method: EPA 413.1 (Gravimetric)  
First Sample #: 904-3032

Sampled: Apr 27, 1989  
Received: Apr 27, 1989  
Analyzed: Apr 28, 1989  
Reported: Apr 29, 1989

## TOTAL RECOVERABLE OIL & GREASE

| Sample Number | Sample Description | Oil & Grease mg/kg (ppm) |
|---------------|--------------------|--------------------------|
| 904-3032      | NW0-1              | N.D.                     |
| 904-3033      | NW0-2              | N.D.                     |
| 904-3034      | NW0-3              | N.D.                     |
| 904-3035      | NW0-4              | 10,000                   |

Detection Limits:

30.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Arthur G. Burton  
Laboratory Director

Please Note:  
Amended Report on 5/2/89.



# SEQUOIA ANALYTICAL

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(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.      Client Project ID: Mobil - Emeryville/Powell      Sampled: Apr 27, 1989  
P.O. Box 913      Matrix Descript: Soil      Received: Apr 27, 1989  
Benicia, CA 94510      Analysis Method: EPA 3550/8015      Analyzed: Apr 28, 1989  
Attention: Mardo Kaprealian, P.E.      First Sample #: 904-3032      Reported: Apr 29, 1989

## TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

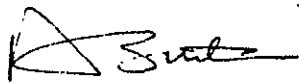
| Sample Number | Sample Description | High B.P. Hydrocarbons<br>mg/kg<br>(ppm) |
|---------------|--------------------|--|
| 904-3032      | NW0-1              | N.D.                                     |
| 904-3033      | NW0-2              | N.D.                                     |
| 904-3034      | NW0-3              | N.D.                                     |
| 904-3035      | NW0-4              | 370                                      |

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.  
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
Arthur G. Burton  
Laboratory Director

Please Note:  
Amended Report on 5/2/89.





# KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915

## CHAIN OF CUSTODY

SAMPLER: [Signature] DATE/TIME OF COLLECTION: 4-27-89 TURN AROUND TIME: 24hr  
(Signature)

SAMPLE DESCRIPTION AND PROJECT NUMBER: Mobil / Emeryville / Powell

| <u>SAMPLE #</u> | <u>ANALYSES</u>    | <u>GRAB OR COMP.</u> | <u>NUMBER OF CONTAINERS</u> | <u>SOIL/WATER</u> |
|-----------------|--------------------|----------------------|-----------------------------|-------------------|
| NW0-1           | TPH-D / TOG (4131) | G                    | 1                           | S                 |
| NW0-2           | TPH-D / TOG (4131) | G                    | 1                           | S                 |
| NW0-3           | TPH-D / TOG (4131) | G                    | 1                           | S                 |
| NW0-4           | TPH-D / TOG (4131) | G                    | 1                           | S                 |
|                 |                    |                      |                             |                   |
|                 |                    |                      |                             |                   |
|                 |                    |                      |                             |                   |
|                 |                    |                      |                             |                   |

| <u>RELINQUISHED BY*</u>  | <u>TIME/DATE</u> | <u>RECEIVED BY*</u> | <u>TIME/DATE</u> |
|--------------------------|------------------|---------------------|------------------|
| <u>[Signature] (KEI)</u> | 5:03 4/27/89     | <u>[Signature]</u>  | 1703 4/27/89     |
| 2.                       |                  | <u>[Signature]</u>  | 1905 4/27/89     |
| 3.                       |                  |                     |                  |

\* STATE AFFILIATION NEXT TO SIGNATURE

REMARKS: \_\_\_\_\_

**NOTE:** IF REGULAR TURNAROUND, SOIL ANALYSES MUST BE COMPLETED WITHIN 14 CALENDAR DAYS OF SAMPLE COLLECTION. WATER ANALYSES MUST BE COMPLETED WITHIN 7 CALENDAR DAYS FOR BTX&E (UNLESS SAMPLE HAS BEEN PRESERVED), AND 14 CALENDAR DAYS FOR TPH AS GASOLINE; EXTRACT TPH AS DIESEL WITHIN 14 CALENDAR DAYS.