



Texaco Refining
and Marketing Inc

108 Cutting Boulevard
Richmond CA 94804

2200 E. 12th St. 11

May 12, 1993

ENV - STUDIES, SURVEYS, & REPORTS
Exxon Service Station/Former Texaco Service Station
2200 E. 12th St., Oakland CA

Mr. Richard Hiett
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Dear Mr. Hiett:

Enclosed please find the Quarterly Groundwater Monitoring Report
dated May 6, 1993 for the subject site.

If you have any questions I can be contacted at (510) 236-1770.

Best Regards,

R. R. Zielinski
Area Supervisor
Texaco Environmental Services

RRZ:kep
2200\QTRCVR.RH

Enclosure

cc: Mr. Thomas Peacock - Alameda County Environmental Health
Department
Ms. Deborah Harris - Exxon

PR: KBP

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

LETTER REPORT
QUARTERLY GROUNDWATER MONITORING
First Quarter 1993
at
Former Texaco Station
2200 East 12th Street
Oakland, California

62079.01

May 6, 93

3315 Almaden Expressway, Suite 34
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May 6, 1993
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Mr. Ron R. Zielinski
Texaco Environmental Services
108 Cutting Boulevard
Richmond, California 94804

Subject: Results of Groundwater Monitoring and Sampling for the First Quarter 1993, at the Former Texaco Station located at 2200 East 12th Street in Oakland, California.

Mr. Zielinski:

At the request of Texaco Environmental Services (TES), RESNA Industries Inc. (RESNA) has prepared this letter which summarizes the results of quarterly groundwater monitoring at the former Texaco Service Station located at 2200 East 12th Street in Oakland, California (Plate 1, Site Vicinity Map) for the first quarter 1993 (January through March 1993). On February 3, 1993, quarterly groundwater monitoring and sampling was conducted to evaluate groundwater elevations, gradient and flow direction, the presence and thickness of any petroleum hydrocarbon sheen or floating product, and the distribution of dissolved hydrocarbons in 8 of the monitoring wells (MW-9A, MW-9B, MW-9C, MW-9D, MW-9F, MW-9G, MW-9H, and MW-9I) at this site. RESNA's groundwater sampling protocol and well purge data sheets are included in Appendix A.

WORK PERFORMED

GROUNDWATER MONITORING

In general, groundwater elevations at the site have increased a minimum of 0.2 foot to a maximum of 1.03 feet from the elevations reported the previous quarter. However, in wells, MW-9A and MW-9B groundwater elevation decreased 0.5 foot and 0.2 foot, respectively. The Groundwater Gradient Map (Plate 2) shows the groundwater beneath the site to be flowing towards the west-northwest with a hydraulic gradient of approximately 0.023

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Neither floating product nor hydrocarbon sheen was observed in the wells. Historical and recent monitoring data are summarized in Table 1, Cumulative Groundwater Monitoring Data.

GROUNDWATER SAMPLING

Groundwater samples were submitted to Mobile Chem Laboratories (California Hazardous Materials Testing Laboratory Certification No. 1223) in Martinez, California under Chain of Custody protocol. The samples were analyzed for the gasoline constituents benzene, toluene, ethylbenzene, and total xylenes, and total petroleum hydrocarbons as gasoline (TPHg) using modified Environmental Protection Agency Methods 5030/602. The Chain of Custody Record and Laboratory Analysis reports are included in Appendix B.

GROUNDWATER ANALYTICAL RESULTS

Concentrations of TPHg in groundwater samples ranged from less than 50 parts per billion (ppb) (below the method detection limit [MDL]) to 12,000 ppb (MW-9B). Dissolved benzene concentrations ranged from less than 0.5 ppb (below the MDL) to 320 ppb (MW-9B). Historical and recent analytical data are summarized in Table 2, Cumulative Results of Laboratory Analyses of Groundwater Samples.

PURGE WATER RECYCLING


On February 12, 1993, approximately 160 gallons of purge water generated during purging and sampling of the 8 monitoring wells were transported to Gibson Environmental in Redwood City, California for recycling.

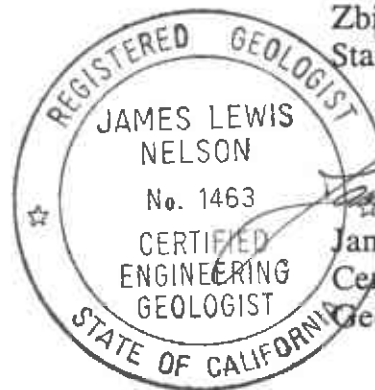
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If you have any questions or comments regarding this report, please call (408) 264-7723.

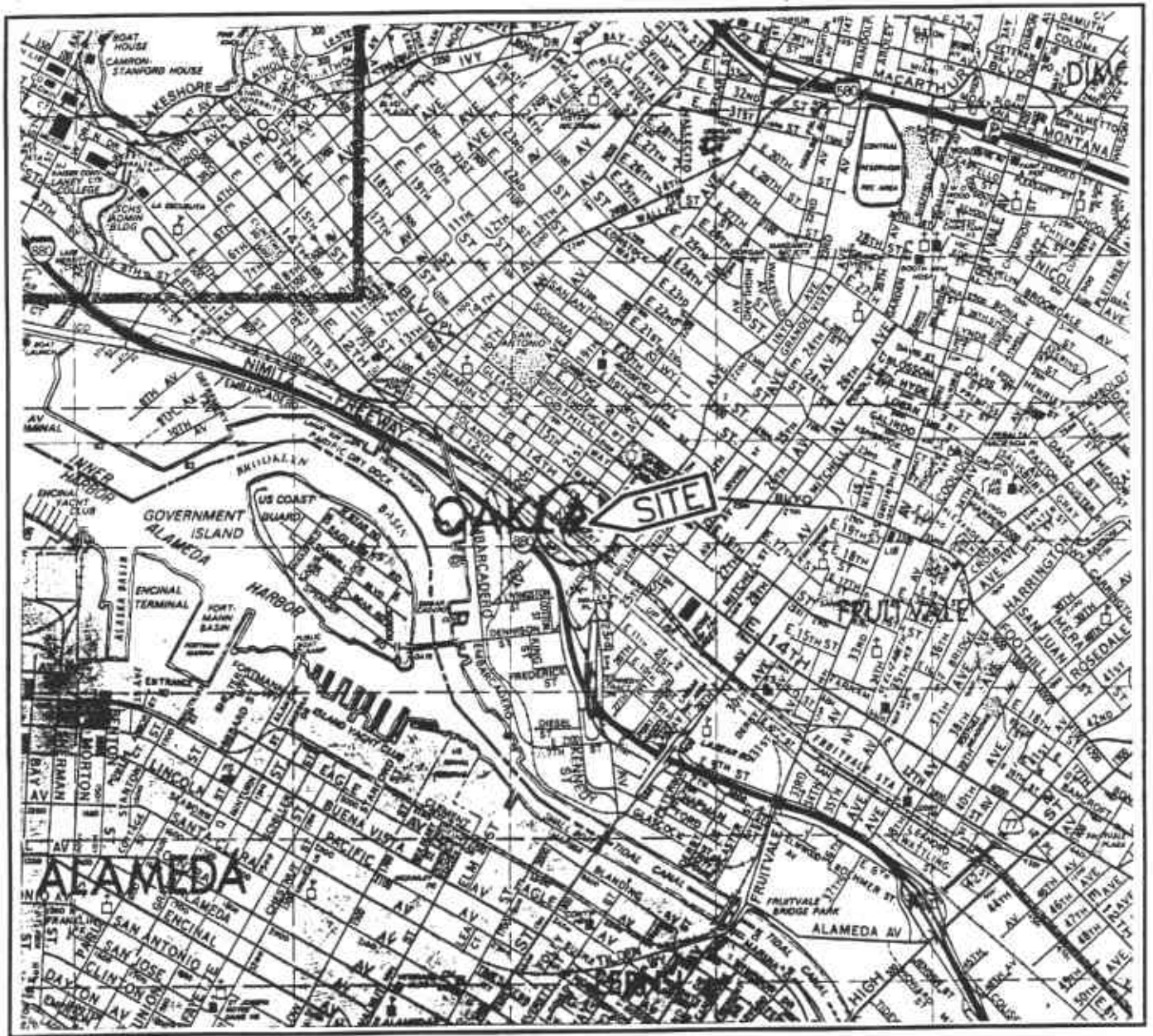
Sincerely,
RESNA Industries Inc.


Zbigniew L. Ignatowicz
Staff Geologist




James L. Nelson
Certified Engineering
Geologist No. 1463

- Enclosures: Plate 1: Site Vicinity Map
Plate 2: Groundwater Gradient Map
Plate 3: TPHg/Benzene Concentration in Groundwater
- Table 1: Cumulative Groundwater Monitoring Data
Table 2: Cumulative Results of Laboratory Analyses of Groundwater Samples
- Appendix A, Groundwater Sampling Protocol and Well Purge Data Sheets
Appendix B, Laboratory Analysis Reports and Chain of Custody Documentation



Base: The Thomas Guide
 Alameda County
 Oakland, California.
 1991

LEGEND

○ = Site Location

Approximate Scale

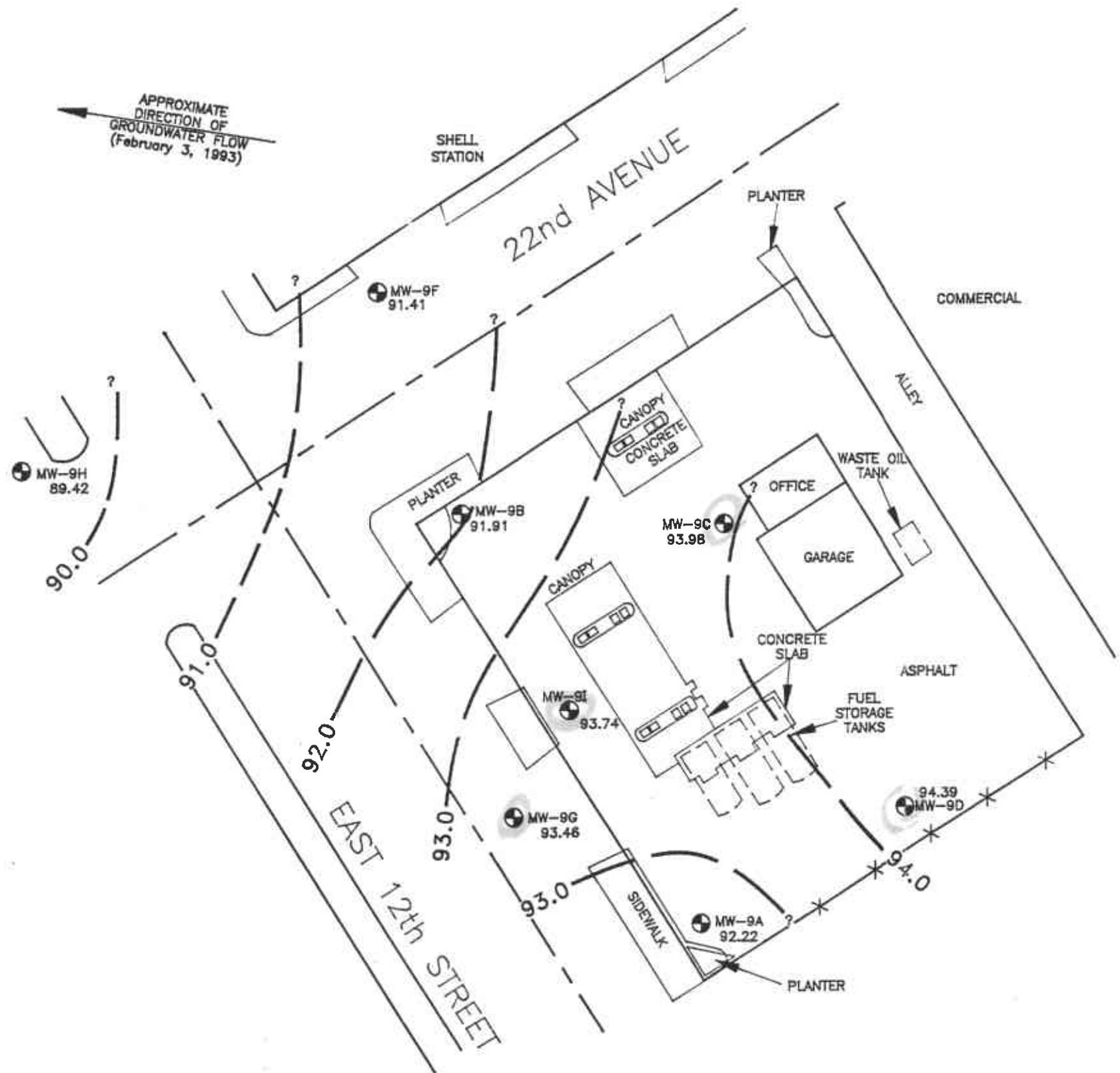


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**SITE VICINITY MAP
 Former Texaco Station
 2200 East 12th Street
 Oakland, California**

**PLATE
 1**

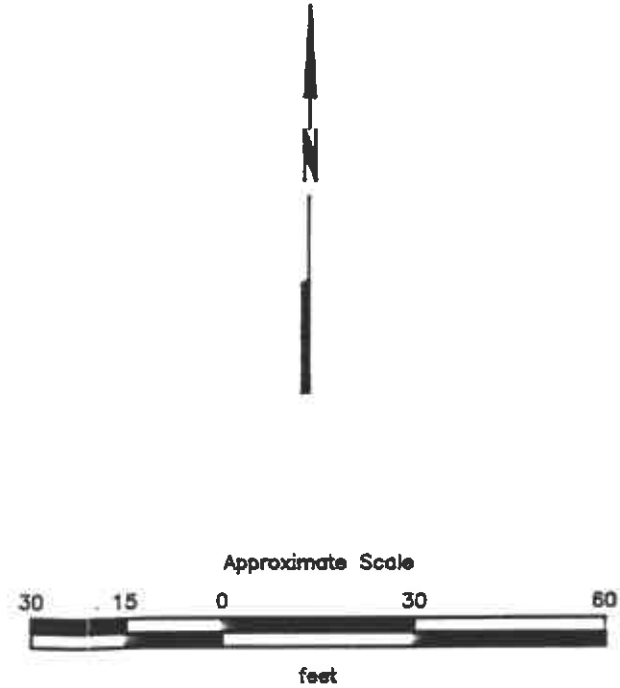


EXPLANATION

MW-9I ⊕ = Monitoring well (1988)

94.0 — = Line of equal elevation of groundwater in feet relative to an arbitrary benchmark

94.39 = Elevation of groundwater in feet relative to an arbitrary benchmark, February 3, 1993



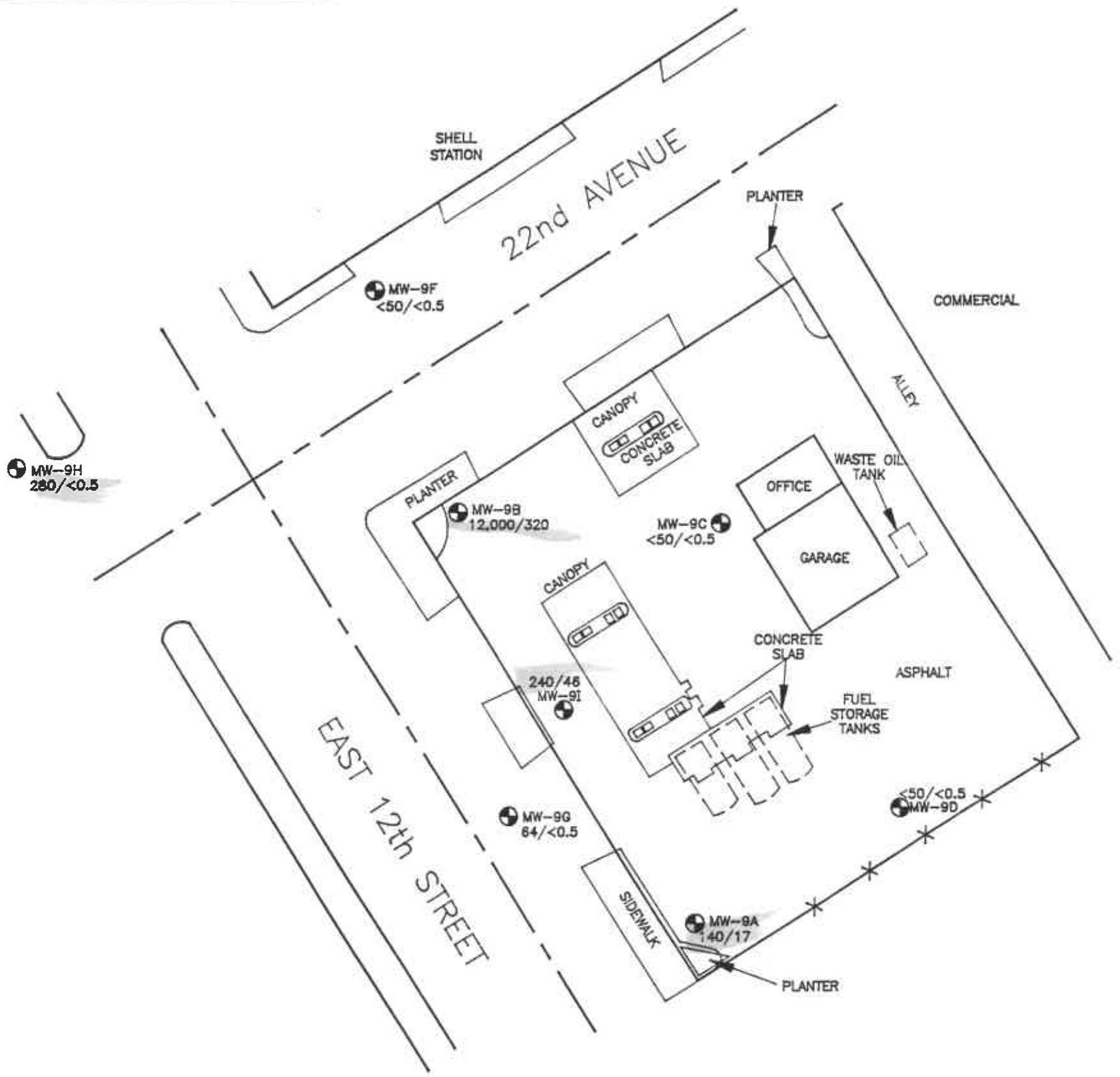
Sources: Modified from site plan provided by Harding Lawson Associates, dated July 20, 1992.

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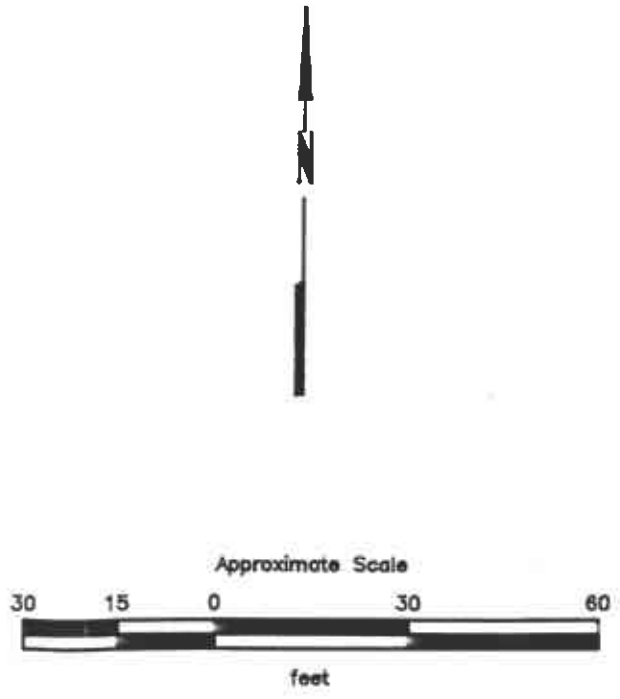
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GROUNDWATER GRADIENT MAP
Former Texaco Station
2200 East 12th Street
Oakland, California

PLATE
2



EXPLANATION
 MW-9I = Monitoring well (1988)
 12,000/320 = Concentration of TPHg/benzene in groundwater in parts per billion, February 3, 1993



Source: Modified from site plan provided by Harding Lawson Associates, dated July 20, 1992.

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TPHg/BENZENE CONCENTRATION IN GROUNDWATER
 Former Texaco Station
 2200 East 12th Street
 Oakland, California

PLATE
3

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Former Texaco Station
2200 East 12th Street
Oakland, California
(Page 1 of 3)

| Well | Date | Wellhead Elevation* | Depth to Water | Groundwater Elevation* | |
|---------------------|---------------------|---------------------|----------------|------------------------|-------|
| <u>MW-9A</u> HLA | 10/12/89 | 100.07 | 7.25 | 92.82 | |
| | 09/20/90 | | NA | NA | |
| | 10/19/90 | | 7.23 | 92.84 | |
| | 01/11/91 | | 6.96 | 93.11 | |
| | 04/30/91 | | 6.74 | 93.33 | |
| | 07/29/91 | | 7.22 | 92.85 | |
| | 10/25/91 | | 7.49 | 92.58 | |
| | 02/05/92 | | 6.93 | 93.14 | |
| | 05/05/92 | | 6.95 | 93.12 | |
| | RESNA | | 09/14/92 | 7.65 | 92.42 |
| | | | 11/16/92 | 7.35 | 92.72 |
| | | | 02/03/93 | 7.85 | 92.22 |
| | <u>MW-9B</u> HLA | | 10/12/89 | 98.41 | 6.14 |
| 09/20/90 | | 6.28 | 92.13 | | |
| 10/19/90 | | 6.21 | 92.20 | | |
| 01/11/91 | | 6.21 | 92.20 | | |
| 04/30/91 | | 5.74 | 92.67 | | |
| 07/29/91 | | 6.23 | 92.18 | | |
| 10/25/91 | | 6.42 | 91.99 | | |
| 02/05/92 | | 5.95 | 92.46 | | |
| 05/05/92 | | 5.92 | 92.49 | | |
| RESNA | | 09/14/92 | 6.60 | | 91.81 |
| | | 11/16/92 | 6.35 | | 92.06 |
| | | 02/03/93 | 6.50 | | 91.91 |
| <u>MW-9C</u> HLA | | 10/12/89 | 99.73 | | 6.99 |
| | 09/20/90 | NA | | NA | |
| | 10/19/90 | 6.96 | | 92.77 | |
| | 01/11/91 | 6.60 | | 93.13 | |
| | 04/30/91 | 6.32 | | 93.41 | |
| | 07/29/91 | 6.92 | | 92.81 | |
| | 10/25/91 | 7.13 | | 92.60 | |
| | 02/05/92 | 6.44 | | 93.29 | |
| | 05/05/92 | 6.50 | | 93.23 | |
| | RESNA | 09/14/92 | | 7.00 | 92.73 |
| | | 11/16/92 | | 6.72 | 93.01 |
| | | 02/03/93 | | 5.75 | 93.98 |



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TABLE 1
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Former Texaco Station
2200 East 12th Street
Oakland, California
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| Well | Date | Wellhead Elevation* | Depth to Water | Groundwater Elevation* | | |
|---------------------|---------------------|---------------------|-------------------|------------------------|------|-------|
| <u>MW-9D</u> HLA | 10/12/89 | 101.46 | 8.40 | 93.06 | | |
| | 09/20/90 | | 8.47 | 92.99 | | |
| | 10/19/90 | | 8.43 | 93.03 | | |
| | 01/11/91 | | 7.97 | 93.49 | | |
| | 04/30/91 | | Well Inaccessible | | | |
| | 07/29/91 | | 8.35 | 93.11 | | |
| | 10/25/91 | | 8.54 | 92.92 | | |
| | 02/05/92 | | 7.78 | 93.68 | | |
| | 05/05/92 | | 7.90 | 93.56 | | |
| | 09/14/92 | | 8.45 | 93.01 | | |
| | 11/16/92 | | 8.10 | 93.36 | | |
| | 02/03/93 | | 7.07 | 94.39 | | |
| <u>MW-9E</u> HLA | 10/12/89 | 98.41 | 5.70 | 92.71 | | |
| | 09/20/90 | | 5.84 | 92.57 | | |
| | 10/19/90 | | 5.78 | 92.63 | | |
| | 11/02/90 | | Well Abandoned | | | |
| | | | | | | |
| <u>MW-9F</u> HLA | 10/12/89 | 96.96 | 6.07 | 90.89 | | |
| | 09/20/90 | | 5.97 | 90.99 | | |
| | 10/19/90 | | 5.94 | 91.02 | | |
| | 01/11/91 | | 5.72 | 91.24 | | |
| | 04/30/91 | | 5.74 | 91.22 | | |
| | 07/29/91 | | 6.02 | 90.94 | | |
| | 10/25/91 | | 6.11 | 90.85 | | |
| | 02/05/92 | | 5.81 | 91.15 | | |
| | 05/05/92 | | 5.86 | 91.10 | | |
| | 09/14/92 | | Not Measured | | | |
| | 11/16/92 | | 5.82 | 91.14 | | |
| | 02/03/93 | | 5.55 | 91.41 | | |
| | <u>MW-9G</u> HLA | | 10/12/89 | 98.51 | 6.01 | 92.50 |
| | | | 09/20/90 | | 6.03 | 92.48 |
| 10/19/90 | | 5.92 | 92.59 | | | |
| | | | | | | |



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TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
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2200 East 12th Street
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| Well | Date | Wellhead Elevation* | Depth to Water | Groundwater Elevation* |
|---------------------|----------|---------------------|----------------|------------------------|
| <u>MW-9G</u> Cont'd | 01/11/91 | | 5.72 | 92.79 |
| | 04/30/91 | | 5.74 | 93.04 |
| | 07/29/91 | | 5.97 | 92.54 |
| | 10/25/91 | | 6.16 | 92.35 |
| | 02/05/92 | | 5.59 | 92.92 |
| | 05/05/92 | | 5.60 | 92.91 |
| RESNA | 09/14/92 | | | Not Measured |
| | 11/16/92 | | 5.78 | 92.73 |
| | 02/03/93 | | 5.05 | 93.46 |
| <u>MW-9H</u> HLA | 10/12/89 | 97.14 | 8.35 | 88.79 |
| | 09/20/90 | | 8.25 | 88.89 |
| | 10/19/90 | | 8.17 | 88.97 |
| | 01/11/91 | | 7.55 | 89.59 |
| | 04/30/91 | | 8.02 | 89.12 |
| | 07/29/91 | | 8.22 | 88.92 |
| | 10/25/91 | | 8.25 | 88.89 |
| | 02/05/92 | | 7.70 | 89.44 |
| | 05/05/92 | | 8.12 | 89.02 |
| RESNA | 09/14/92 | | | Not Measured |
| | 11/16/92 | | | Not Measured |
| | 02/03/93 | | 7.72 | 89.42 |
| <u>MW-9I</u> HLA | 11/15/90 | 98.66 | 6.01 | 92.65 |
| | 01/11/91 | | 5.80 | 92.86 |
| | 04/30/91 | | 5.45 | 93.21 |
| | 07/29/91 | | 6.07 | 92.59 |
| | 10/25/91 | | 6.23 | 92.43 |
| | 02/05/92 | | 5.56 | 93.10 |
| | 05/05/92 | | 5.60 | 93.06 |
| RESNA | 09/14/92 | | 6.12 | 92.54 |
| | 11/16/92 | | 5.82 | 92.84 |
| | 02/03/93 | | 4.92 | 93.74 |

Measurements in feet.

* : Elevation relative to temporary benchmark with an arbitrary elevation of 100.0 feet.

HLA : Harding Lawson Associates

RESNA : RESNA Industries Inc.

RESNA assumes all wells are screened in the same hydrostratigraphic unit.

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TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Former Texaco Station
2200 East 12th Street
Oakland, California
(Page 1 of 4)

| Well | Date | Benzene | Toluene | Ethyl- benzene | Total Xylenes | TPHg |
|--------------|----------|---------|---------|-------------------|------------------|-------|
| MW-9A | | | | | | |
| HLA | 06/13/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/24/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | 1.1 | 1.8 | 0.6 | 1.3 | <50 |
| | 05/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| RESNA | 09/14/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 11/16/92 | 1.1 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/03/93 | 17 | 19 | 1.6 | 20 | 140 |
| MW-9B | | | | | | |
| HLA | 06/13/88 | 350 | 7.8 | 66 | 160 | NA |
| | 10/24/88 | 84 | <1.0 | 3.1 | 3.2 | NA |
| | 10/13/89 | 4.1 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | 27 | <0.5 | 2.3 | <0.5 | 62 |
| | 01/11/91 | 4.3 | <0.5 | 1.1 | 1.0 | 100 |
| | 04/30/91 | 68 | 1.0 | 3.9 | <0.5 | 170 |
| | 07/29/91 | 1.6 | <0.5 | <0.5 | <0.5 | 100 |
| | 10/25/91 | 1.2 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | 14 | <0.5 | 2.9 | 2.5 | 60 |
| | 05/05/92 | 180 | 2.4 | 8.4 | 2.2 | 620 |
| RESNA | 09/14/92 | 9.6 | <0.5 | <0.5 | <0.5 | 110 |
| | 11/16/92 | 33 | <0.5 | 4.2 | 1.4 | 200 |
| | 02/03/93 | 320 | 13 | 35 | 110 | 12000 |
| MW-9C | | | | | | |
| HLA | 06/13/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/28/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | 100 | 1.6 | <0.5 | <0.5 | 240 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| RESNA | 09/14/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |

See notes on page 4 of 4.

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TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Former Texaco Station
2200 East 12th Street
Oakland, California
(Page 2 of 4)

| Well | Date | Benzene | Toluene | Ethyl- benzene | Total Xylenes | TPHg |
|-----------------------|----------|---------|----------------|-------------------|------------------|------|
| <u>MW-9C (cont'd)</u> | | | | | | |
| | 11/16/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/03/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| <u>MW-9D</u> | | | | | | |
| HLA | 10/24/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| RESNA | 09/14/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 11/16/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/03/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| <u>MW-9E</u> | | | | | | |
| HLA | 10/24/88 | 1.3 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | 15 | <0.5 | 2.1 | <3.0 | NA |
| | 10/19/90 | 4.0 | <0.5 | 0.9 | <0.5 | <50 |
| | 11/02/90 | | Well Abandoned | | | |
| <u>MW-9F</u> | | | | | | |
| HLA | 12/06/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | 1.1 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| RESNA | 09/14/92 | | Not Sampled | | | |
| | 11/16/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/03/93 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| <u>MW-9G</u> | | | | | | |
| HLA | 12/06/88 | 0.8 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |

See notes on page 4 of 4.

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TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Former Texaco Station
2200 East 12th Street
Oakland, California
(Page 3 of 4)

| Well | Date | Benzene | Toluene | Ethyl- benzene | Total Xylenes | TPHg |
|---------------------|----------|---------|---------|-------------------|------------------|------|
| <u>MW-9G Cont'd</u> | | | | | | |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | 1.5 | 3.8 | 1.0 | 4.7 | <50 |
| RESNA | 09/14/92 | | | Not Sampled | | |
| | 11/16/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/03/93 | <0.5 | <0.5 | <0.5 | <0.5 | 64 |
| <u>MW-9H</u> | | | | | | |
| HLA | 12/06/88 | <0.5 | <1.0 | <2.0 | <1.0 | NA |
| | 10/13/89 | <0.5 | <0.5 | <0.5 | <3.0 | NA |
| | 10/19/90 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 01/11/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | <0.5 | <0.5 | <0.5 | 0.5 | <50 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| RESNA | 09/14/92 | | | Not Sampled | | |
| | 11/16/92 | | | Not Sampled | | |
| | 02/03/93 | <0.5 | <0.5 | <0.5 | <0.5 | 280 |
| <u>MW-9I</u> | | | | | | |
| HLA | 11/15/90 | 4.0 | 1.2 | 1.1 | 2.2 | 55 |
| | 01/11/91 | 6.1 | <0.5 | <0.5 | <0.5 | <50 |
| | 04/30/91 | 100 | 3.5 | 4.2 | 4.4 | 460 |
| | 07/29/91 | <0.5 | <0.5 | <0.5 | <0.5 | 150 |
| | 10/25/91 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/05/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 05/05/92 | 0.9 | <0.5 | <0.5 | 0.7 | <50 |
| RESNA | 09/14/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 11/16/92 | <0.5 | <0.5 | <0.5 | <0.5 | <50 |
| | 02/02/93 | 46 | 1.1 | 2.3 | 2.1 | 240 |
| MCLs | | 1.0 | -- | 680 | 1,750 | -- |
| DWAL | | -- | 100 | -- | -- | -- |

See notes on page 4 of 4.

First Quarter 1993 Quarterly Report
2200 East 12th Street, Oakland, California.

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES

Former Texaco Station
2200 East 12th Street
Oakland, California
(Page 4 of 4)

Results in parts per billion (ppb).

- TPHg : Total petroleum hydrocarbons analyzed as gasoline.
 - NA : Not Analyzed
 - < : This symbol means "less than"
 - MCLs : Adopted Maximum Contaminant Levels in Drinking Water, DHS (October 1990)
 - DWAL : Recommended Drinking Water Action Levels, DHS (October 1990)
 - HLA : Harding Lawson Associates
 - RESNA : RESNA Industries Inc.
-

APPENDIX A

**GROUNDWATER SAMPLING PROTOCOL
AND WELL PURGE DATA SHEETS**

First Quarter 1993 Quarterly Report
2200 East 12th Street, Oakland, California.

May 6, 1993
62079.01

GROUNDWATER SAMPLING PROTOCOL

The static water level and floating product level, if present, in each well that contained water was measured with an ORS Interphase Probe Model No. 1068018, or Solonist Water Level Indicator; these instruments are accurate to the nearest 0.01 foot. These groundwater depths were subtracted from wellhead elevations, including corrections for product thickness, when necessary, for gradient evaluation by multiplying product thickness (PT) by a correction factor 0.8 and subtracting from the depth to water (DTW) (Adjusted DTW = DTW - [PT x 0.8]).

Water samples collected for subjective evaluation were collected by gently lowering approximately half the length of a new disposable or Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples were checked for measurable floating hydrocarbon product. All Teflon® bailers are triple washed with Alconox® and triple rinsed with distilled water prior to use.

Before water samples were collected from the groundwater monitoring wells, the wells were purged until stabilization of the temperature, pH, and conductivity were obtained. Approximately three to four well casing volumes were purged before those characteristics stabilized. The quantity of water purged from each well was calculated as follows:

1 well casing volume = $\pi r^2 h (7.48)$ where:

r = radius of the well casing in feet.
h = column of water in the well in feet
(depth to bottom - depth to water).
7.48 = conversion constant from cubic feet to
gallons

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well was allowed to recharge to at least 80% of the initial water level. Water samples were collected with a new disposable or Teflon® bailer, and carefully poured into 40-milliliter (ml) glass vials, which were filled so as to produce a positive meniscus. Each vial was preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace which would allow volatilization to occur. The samples were promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

WELL PURGE DATA SHEET

Project Name: Texaco - 12th Street

Job No. 62079.01

Date: February 3, 1993

Page 1 of 1

Well No. MW-9A

Time Started 11:45

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--------------|---------------------|---------------|------|------------------------|
| 11:45 | Start purging MW-9A | | | |
| 11:45 | 0 | 61.7 | 6.79 | 600 |
| 11:49 | 2 | 62.3 | 6.78 | 620 |
| 11:53 | 4 | 62.9 | 6.78 | 640 |
| 12:02 | 6 | 62.7 | 6.78 | 650 |
| 12:04 | 8 | 63.5 | 6.77 | 640 |
| 12:05 | Stop purging MW-9A | | | |

Notes:

Well Diameter (inches) : 2
 Depth to Bottom (feet) : 17.52
 Depth to Water - initial (feet) : 7.85
 Depth to Water - final (feet) : 7.85
 % recovery : 100%
 Time Sampled : 12:45
 Gallons per Well Casing Volume : 1.64
 Gallons Purged : 8.0
 Well Casing Volume Purged : 4
 Approximate Pumping Rate (gpm) : 0.5

WELL PURGE DATA SHEET

Project Name: Texaco - 12th Street

Job No. 62079.01

Date: February 3, 1993

Page 1 of 1

Well No. MW-9B

Time Started 1:00

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|-----------|---------------------------------|------------|-------|---------------------|
| 1:00 | Start purging MW-9B | | | |
| 1:00 | 0 | 60.5 | 6.87 | 850 |
| 1:04 | 2 | 61.4 | 6.83 | 880 |
| 1:08 | 4 | 62.6 | 6.82 | 900 |
| 1:16 | 6 | 61.9 | 6.80 | 880 |
| 1:20 | 8 | 63.0 | 6.77 | 830 |
| 1:21 | Stop purging MW-9B | | | |
| Notes: | | | | |
| | Well Diameter (inches) | : | 2 | |
| | Depth to Bottom (feet) | : | 17.55 | |
| | Depth to Water - initial (feet) | : | 6.50 | |
| | Depth to Water - final (feet) | : | 6.50 | |
| | % recovery | : | 100% | |
| | Time Sampled | : | 2:30 | |
| | Gallons per Well Casing Volume | : | 1.88 | |
| | Gallons Purged | : | 8.0 | |
| | Well Casing Volume Purged | : | 4 | |
| | Approximate Pumping Rate (gpm) | : | 0.5 | |

WELL PURGE DATA SHEET

Project Name: Texaco - 12th Street

Job No. 62079.01

Date: February 3, 1993

Page 1 of 1

Well No. MW-9C

Time Started 10:00

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--------------|---------------------|---------------|------|------------------------|
| 10:00 | Start purging MW-9C | | | |
| 10:00 | 0 | 61.2 | 7.05 | 720 |
| 10:04 | 2 | 62.2 | 7.03 | 710 |
| 10:08 | 4 | 63.2 | 7.04 | 720 |
| 10:16 | 6 | 62.1 | 7.00 | 710 |
| 10:20 | 8 | 63.0 | 7.00 | 710 |
| 10:21 | Stop purging MW-9C | | | |

Notes:

Well Diameter (inches) : 2
 Depth to Bottom (feet) : 16.15
 Depth to Water - initial (feet) : 5.75
 Depth to Water - final (feet) : 5.75
 % recovery : 100%
 Time Sampled : 11:30
 Gallons per Well Casing Volume : 1.77
 Gallons Purged : 8.0
 Well Casing Volume Purged : 4
 Approximate Pumping Rate (gpm) : 0.5

WELL PURGE DATA SHEET

Project Name: Texaco - 12th StreetJob No. 62079.01Date: February 3, 1993Page 1 of 1Well No. MW-9DTime Started 9:00

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--|---------------------|---------------|------|------------------------|
| 9:00 | Start purging MW-9D | | | |
| 9:00 | 0 | 58.5 | 7.75 | 480 |
| 9:05 | 5.04 | 59.1 | 7.83 | 500 |
| 9:10 | 10.08 | 59.8 | 7.80 | 490 |
| 9:20 | 15.12 | 59.8 | 7.60 | 490 |
| 9:25 | 20.20 | 60.5 | 7.62 | 500 |
| 9:26 | Stop purging MW-9D | | | |
| Notes: | | | | |
| Well Diameter (inches) : 4 | | | | |
| Depth to Bottom (feet) : 14.70 | | | | |
| Depth to Water - initial (feet) : 7.07 | | | | |
| Depth to Water - final (feet) : 7.07 | | | | |
| % recovery : 100% | | | | |
| Time Sampled : 10:35 | | | | |
| Gallons per Well Casing Volume : 5.04 | | | | |
| Gallons Purged : 20.20 | | | | |
| Well Casing Volume Purged : 4 | | | | |
| Approximate Pumping Rate (gpm) : 1 | | | | |

WELL PURGE DATA SHEET

Project Name: Texaco - 12th StreetJob No. 62079.01Date: February 3, 1993Page 1 of 1Well No. MW-9FTime Started 2:50

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--|---------------------|---------------|------|------------------------|
| 2:50 | Start purging MW-9F | | | |
| 2:50 | 0 | 62.1 | 6.75 | 690 |
| 2:56 | 5.5 | 62.9 | 6.74 | 690 |
| 3:02 | 11.0 | 63.8 | 6.73 | 690 |
| 3:12 | 16.5 | 63.1 | 6.70 | 690 |
| 3:18 | 22.0 | 63.9 | 6.68 | 690 |
| 3:19 | Stop purging MW-9F | | | |
| Notes: | | | | |
| Well Diameter (inches) : 4 | | | | |
| Depth to Bottom (feet) : 13.75 | | | | |
| Depth to Water - initial (feet) : 5.55 | | | | |
| Depth to Water - final (feet) : 5.55 | | | | |
| % recovery : 100% | | | | |
| Time Sampled : 4:15 | | | | |
| Gallons per Well Casing Volume : 5.41 | | | | |
| Gallons Purged : 22.0 | | | | |
| Well Casing Volume Purged : 4 | | | | |
| Approximate Pumping Rate (gpm) : 1 | | | | |

WELL PURGE DATA SHEET

Project Name: Texaco - 12th StreetJob No. 62079.01Date: February 3, 1993Page 1 of 1Well No. MW-9GTime Started 1:45

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--|---------------------|---------------|------|------------------------|
| 1:45 | Start purging MW-9G | | | |
| 1:45 | 0 | 61.2 | 6.80 | 530 |
| 1:51 | 6 | 61.2 | 6.79 | 520 |
| 1:57 | 12 | 61.8 | 6.78 | 530 |
| 2:03 | 18 | 61.6 | 6.78 | 530 |
| 2:09 | 24 | 62.1 | 6.76 | 530 |
| 2:10 | Stop purging MW-9G | | | |
| Notes: | | | | |
| Well Diameter (inches) : 4 | | | | |
| Depth to Bottom (feet) : 13.95 | | | | |
| Depth to Water - initial (feet) : 5.05 | | | | |
| Depth to Water - final (feet) : 5.05 | | | | |
| % recovery : 100% | | | | |
| Time Sampled : 3:30 | | | | |
| Gallons per Well Casing Volume : 5.87 | | | | |
| Gallons Purged : 24.0 | | | | |
| Well Casing Volume Purged : 4 | | | | |
| Approximate Pumping Rate (gpm) : 1 | | | | |

WELL PURGE DATA SHEET

Project Name: Texaco - 12th Street

Job No. 62079.01

Date: February 3, 1993

Page 1 of 1

Well No. MW-9H

Time Started 3:45

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--------------|---------------------|---------------|------|------------------------|
| 3:45 | Start purging MW-9I | | | |
| 3:45 | 0 | 61.2 | 6.79 | 510 |
| 3:49 | 4.2 | 62.4 | 6.75 | 520 |
| 3:53 | 8.4 | 63.3 | 6.69 | 560 |
| 4:27 | 12.6 | | | |
| 4:31 | 17.0 | | | |
| 4:32 | Stop purging MW-9H | | | |

Notes:

Well Diameter (inches) : 4
 Depth to Bottom (feet) : 14.00
 Depth to Water - initial (feet) : 7.72
 Depth to Water - final (feet) : 7.72
 % recovery : 100%
 Time Sampled : 5:30
 Gallons per Well Casing Volume : 4.14
 Gallons Purged : 17.0
 Well Casing Volume Purged : 4
 Approximate Pumping Rate (gpm) : 1

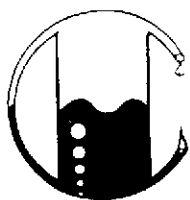
WELL PURGE DATA SHEET

Project Name: Texaco - 12th StreetJob No. 62079.01Date: February 3, 1993Page 1 of 1Well No. MW-9ITime Started 10:45

| TIME (hr) | GALLONS (cum.) | TEMP. (°F) | pH | CONDUCT. (micromho) |
|--|---------------------|---------------|------|------------------------|
| 10:45 | Start purging MW-9I | | | |
| 10:45 | 0 | 61.1 | 7.03 | 1160 |
| 10:51 | 6 | 61.8 | 7.03 | 1200 |
| 10:57 | 12 | 62.9 | 7.01 | 1220 |
| 11:10 | 18 | 62.0 | 6.95 | 1180 |
| 11:16 | 24 | 63.3 | 6.91 | 1180 |
| 11:17 | Stop purging MW-9I | | | |
| Notes: | | | | |
| Well Diameter (inches) : 4 | | | | |
| Depth to Bottom (feet) : 13.90 | | | | |
| Depth to Water - initial (feet) : 4.92 | | | | |
| Depth to Water - final (feet) : 4.92 | | | | |
| % recovery : 100% | | | | |
| Time Sampled : 12:15 | | | | |
| Gallons per Well Casing Volume : 5.93 | | | | |
| Gallons Purged : 24.0 | | | | |
| Well Casing Volume Purged : 4 | | | | |
| Approximate Pumping Rate (gpm) : 1 | | | | |

APPENDIX B

**LABORATORY ANALYSIS REPORTS AND
CHAIN OF CUSTODY DOCUMENTATION**



MOBILE CHEM LABS INC.

5011 Blum Road, Suite 1 • Martinez, CA 94553
Phone (510) 372-3700 • Fax (510) 372-6955

RECEIVED

FEB 23 1993

RESNA
SAN JOSE

62079.01\1223\012444

RESNA Industries
3315 Alanden Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023105

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
BB1 WATER

ANALYSIS

| | <u>Detection Limit</u> | <u>Sample Results</u> |
|---|----------------------------|---------------------------|
| | ppb | ppb |
| Total Petroleum Hydrocarbons as Gasoline | 50 | <50 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected
Spike Recovery is 97%

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director



MOBILE CHEM LABS INC.

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Phone (510) 372-3700 • Fax (510) 372-6955

62079.01\1223\012444

RESNA Industries
3315 Alamen Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023106

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9D WATER

ANALYSIS

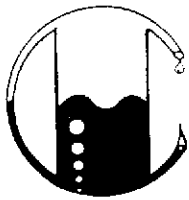
| | <u>Detection Limit</u> | <u>Sample Results</u> |
|---|----------------------------|---------------------------|
| | ppb | ppb |
| Total Petroleum Hydrocarbons as Gasoline | 50 | <50 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

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Ronald G. Evans
Lab Director



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62079.01\1223\012444

RESNA Industries
3315 Alamden Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023107

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9C WATER

ANALYSIS

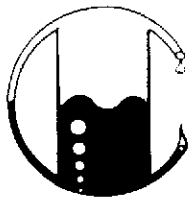
| | Detection Limit ----- ppb | Sample Results ----- ppb |
|---|------------------------------------|-----------------------------------|
| Total Petroleum Hydrocarbons as Gasoline | 50 | <50 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

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Ronald G. Evans
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RESNA Industries
3315 Alamen Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023108

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9I WATER

ANALYSIS

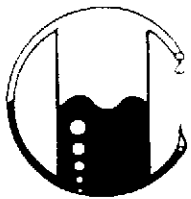
| | Detection Limit ----- ppb | Sample Results ----- ppb |
|---|------------------------------------|-----------------------------------|
| Total Petroleum Hydrocarbons as Gasoline | 50 | 240 |
| Benzene | 0.5 | 46 |
| Toluene | 0.5 | 1.1 |
| Xylenes | 0.5 | 2.1 |
| Ethylbenzene | 0.5 | 2.3 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

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RESNA Industries
3315 Alamen Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023109

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9A WATER

ANALYSIS

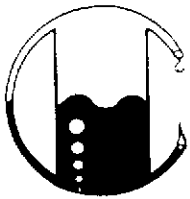
| | Detection Limit ----- ppb | Sample Results ----- ppb |
|---|------------------------------------|-----------------------------------|
| Total Petroleum Hydrocarbons as Gasoline | 50 | 140 |
| Benzene | 0.5 | 17 |
| Toluene | 0.5 | 19 |
| Xylenes | 0.5 | 20 |
| Ethylbenzene | 0.5 | 1.6 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

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RESNA Industries
3315 Alamen Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023110

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9B WATER

ANALYSIS

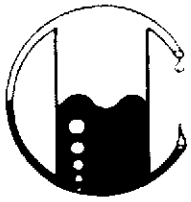
| | <u>Detection Limit</u> | <u>Sample Results</u> |
|---|----------------------------|---------------------------|
| | ppb | ppb |
| Total Petroleum Hydrocarbons as Gasoline | 50 | 12,000 |
| Benzene | 0.5 | 320 |
| Toluene | 0.5 | 13 |
| Xylenes | 0.5 | 110 |
| Ethylbenzene | 0.5 | 35 |

QA/QC: Sample blank is none detected
Duplicate Deviation is 12.3%

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

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Ronald G. Evans
Lab Director



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62079.01\1223\012444

RESNA Industries
3315 Alamen Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023111

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9G WATER

ANALYSIS

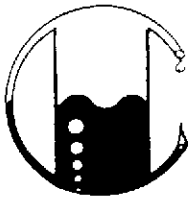
| | Detection Limit ----- ppb | Sample Results ----- ppb |
|---|------------------------------------|-----------------------------------|
| Total Petroleum Hydrocarbons as Gasoline | 50 | 64 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

MOBILE CHEM LABS


Ronald G. Evans
Lab Director



MOBILE CHEM LABS INC.

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62079.01\1223\012444

RESNA Industries
3315 Alanden Expressway, #34
San Jose, CA 95118
Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number

023112

Sample Description

Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9F WATER

ANALYSIS

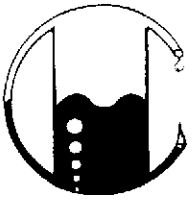
| | Detection Limit ----- ppb | Sample Results ----- ppb |
|---|------------------------------------|-----------------------------------|
| Total Petroleum Hydrocarbons as Gasoline | 50 | <50 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

MOBILE CHEM LABS

Ronald G. Evans
Lab Director



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Attn: Phillip Mayberry
Project Manager

Date Sampled: 02-03-93
Date Received: 02-09-93
Date Analyzed: 02-10-93

Sample Number
023113

Sample Description
Project # 62079.01
Texaco - Oakland
2200 E. 12th St.
MW-9H WATER

ANALYSIS

| | <u>Detection Limit</u> | <u>Sample Results</u> |
|---|----------------------------|---------------------------|
| | ppb | ppb |
| Total Petroleum Hydrocarbons as Gasoline | 50 | 280 |
| Benzene | 0.5 | <0.5 |
| Toluene | 0.5 | <0.5 |
| Xylenes | 0.5 | <0.5 |
| Ethylbenzene | 0.5 | <0.5 |

QA/QC: Sample blank is none detected

Note: Analysis was performed using EPA methods 5030 and TPH
LUFT with method 602 used for BTX distinction.
(ppb) = (µg/L)

MOBILE CHEM LABS


Ronald G. Evans
Lab Director

| PROJECT NO. 62079.01 | | PROJECT NAME/SITE Texaco E. 12 th Oakland CA. | | | | | | ANALYSIS REQUESTED | | | | | | | | | | | PO # | | | | | | | |
|--|--|--|-------|------|------|-----------|------|--------------------|-------------|-----------------|-------------|-------------|----------------|----------|----------|----------|--|--|------|--|---------|--|--|--|--|--|
| SAMPLERS (SIGN) <i>Robin A. Adair</i> | | (PRINT) <i>Robin A. Adair</i> | | | | | | NO. CONTAINERS | SAMPLE TYPE | | | | | | | | | | | | REMARKS | | | | | |
| SAMPLE IDENTIFICATION | | DATE | TIME | COMP | GRAB | PRES USED | ICED | | | BTEX (602/8020) | TPHg (8015) | TPHg (8015) | TOG 418 1/5520 | 601/8010 | 624/8240 | 625/8270 | | | | | | | | | | |
| BB1 | | 2/3/93 | 10:30 | | | HCL | Y | 2 | X | X | | | | | | | | | | | | | | | | |
| MW-9D | | ↓ | 10:35 | | | | | 2 | X | X | | | | | | | | | | | | | | | | |
| MW-9C | | | 11:30 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9T | | | 12:15 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9A | | | 12:45 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9B | | | 2:30 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9E | | | 3:30 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9F | | | 4:15 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |
| MW-9H | | | 5:30 | | | | | | 2 | X | X | | | | | | | | | | | | | | | |

| | | | | | |
|---|----------------|-----------------|------------------------|--|---|
| RELINQUISHED BY: <i>Robin A. Adair</i> | DATE 2/4/93 | TIME 7:00 AM | RECEIVED BY: | LABORATORY <i>Mobile Chem Labs</i> | PLEASE SEND RESULTS TO: <i>Philip Mayberry Resna, San Jose</i> |
| RELINQUISHED BY | DATE | TIME | RECEIVED BY: | | |
| RELINQUISHED BY | DATE | TIME | RECEIVED BY | | |
| RELINQUISHED BY | DATE | TIME | RECEIVED BY LABORATORY | REQUESTED TURNAROUND TIME <i>NORMAL</i> | PROJECT MANAGER |
| <i>Dennis Has</i> | 2-9-93 | 11:25 | <i>Offie Levine</i> | RECEIPT CONDITION <i>on ice no head space</i> | |