



October 26, 1999

Messrs. Aaron and Stanley Wong
2200 E. 12th Street
Oakland, CA 94606

Re: Third Quarter Report, 1999, Credit World Auto Sales, 2345 E. 14th Street,
Oakland, CA 94601

Dear Messrs. Wong:

Tank Protect Engineering of Northern California, Inc. (TPE) is pleased to submit this quarterly letter report of environmental services conducted at the subject site. Previous work conducted prior to January 1, 1998 is summarized in TPE's January 14, 1998 Fourth Quarter Report, 1997, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601. Work conducted after January 1, 1998 is summarized below.

Work conducted by TPE during first quarter, 1998:

- January 14, 1998 - Submitted a Fourth Quarter Report, 1997, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to the Alameda County Health Care Services Agency (ACHCSA).
- March 25, 1998 - Supervised the removal of 500 gallons of hydrocarbon contaminated groundwater stored in drums.
- March 24 and 25, 1998 - Measured depth-to-groundwater and free product thickness in wells MW-1 through TMW-5 for evaluation of groundwater flow direction and gradient and collected groundwater samples from wells MW-1 through TMW-5 for analysis for total petroleum hydrocarbons as gasoline (TPHG) and methyl t-butyl ether,

ENVIRONMENTAL
PROTECTION

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benzene, toluene, ethyl benzene and xylene (MBTEX). Additionally, a trip blank was analyzed for TPHG and MBTEX.

Work conducted by TPE during second quarter, 1998:

- June 29, 1998 - Measured depth-to-groundwater in monitoring wells MW-1 through MW-3, TMW-4, and TMW-5, for evaluation of groundwater flow direction and gradient. Collected a groundwater sample from each well for analysis for TPHG, BTEX and MTBE. Additionally, analyzed 1 trip blank sample for TPHG and MBTEX.

Work conducted by TPE during third quarter, 1998:

- July 27, 1998 - Submitted a Second Quarter Report, 1998, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to ACHCSA.
- September 28, 1998 - Loosened well caps on all wells to allow depth-to-groundwater to stabilize to atmospheric pressure for groundwater gradient determination.
- October 2, 1998 - Measured depth-to-groundwater in monitoring wells MW-1 through MW-3, TMW-4, and TMW-5, for evaluation of groundwater flow direction and gradient. Collected a groundwater sample from each well for analysis for TPHG, BTEX and MTBE. Additionally, analyzed a trip blank sample for TPHG, BTEX and MTBE.

Work conducted by TPE during fourth quarter, 1998:

- December 9, 1998 - Loosened well caps on all wells to allow depth-to-groundwater to stabilize to atmospheric pressure for groundwater gradient determination.

- . December 10, 1998 - Measured depth-to-groundwater in monitoring wells MW-1 through MW-3, TMW-4, and TMW-5, for evaluation of groundwater flow direction and gradient. Collected a groundwater sample from each well for analysis for TPHG, BTEX and MTBE. Additionally, analyzed a trip blank sample for TPHG, BTEX and MTBE.
- . December 21, 1998 - Submitted a Fourth Quarter Report, 1998, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to ACHCSA.

Work conducted by TPE during first quarter, 1999:

- . March 26, 1999 - Measured depth-to-groundwater and free product thickness in wells MW-1 through TMW-5 for evaluation of groundwater flow direction and gradient and collected groundwater samples from wells MW-1 through TMW-5 for analysis for TPHG, BTEX and MTBE. Additionally, analyzed a trip blank sample for TPHG, BTEX and MTBE.

Work conducted by TPE during second quarter, 1999:

- . June 24, 1999 - Submitted a First Quarter Report, 1999, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to ACHCSA.
- . June 11 and 15, 1999 - Measured depth-to-groundwater and free product thickness in wells MW-1 through TMW-5 for evaluation of groundwater flow direction and gradient and collected groundwater samples from wells MW-1 through TMW-5 for analysis for TPHG, BTEX and MTBE. Additionally, analyzed a trip blank sample for TPHG, BTEX and MTBE.
- . June 28, 1999 - Submitted a Second Quarter Report, 1999, Credit World Auto Sales, 2345 E. 14th Street, Oakland, CA 94601 to Messrs. Wong for their approval and delivery to ACHCSA.

WORK CONDUCTED BY TPE DURING THIRD QUARTER, 1999:

September 15, 1999 - Measured depth-to-groundwater and free product thickness in wells MW-1 through TMW-5 for evaluation of groundwater flow direction and gradient and collected groundwater samples from wells MW-1 through TMW-5 for analysis for TPHG, BTEX and MTBE. Additionally, analyzed a trip blank sample for TPHG, BTEX and MTBE.

Details of work conducted during the second quarter are presented below.

Groundwater Gradient

On September 15, 1999, a representative from TPE loosened well caps on wells MW-1 through MW-3, TMW-4 and TMW-5 to allow groundwater levels to stabilize to atmospheric pressure within the wells prior to making depth-to-groundwater measurements for evaluation of groundwater flow direction and gradient.

Depth-to-groundwater was measured from the top of casing (TOC) in all wells to the nearest 0.01 foot using an electronic solinst water level sound. A minimum of 3 repetitive measurements were made for each level determination to ensure accuracy. Depth-to-groundwater was subtracted from the TOC elevation, measured relative to mean sea level, to calculate the elevation of the groundwater level in each well (see attached Table 1). When floating product was present, the groundwater elevation was corrected by multiplying the floating product thickness by a density of .75 and adding the resultant value to the groundwater elevation.

Attached Figure 1 is a groundwater gradient map constructed from the data collected on September 15, 1999. Groundwater flow direction was north-northwest with a average gradient of .011 feet per foot. Average groundwater elevations, changes in average groundwater elevations, groundwater gradient, and groundwater flow directions are tabulated in attached Table 2.

Groundwater Sampling and Analytical Results

On September 15, 1999 groundwater samples were collected from groundwater monitoring wells MW-1, MW-2, MW-3, TMW-4, and TMW-5. Before sampling, each well was purged of about 6.78 to 9.84 gallons of groundwater with a dedicated polyethylene bailer and until the temperature, conductivity, and pH of the water in the wells had stabilized (see attached Records of Water Sampling). Since dedicated bailers were used for each well sampled, no decontamination was necessary between sampling events. The water samples were collected in laboratory provided, sterilized, 40-milliliter glass vials having Teflon-lined screw caps; and labeled with project name, date, time collected, sample number, and sampler name. The samples were immediately stored in an iced-cooler for transport to California State Department of Health Services (DHS) certified CHROMALAB, INC, located in Pleasanton, California accompanied by chain-of-custody documentation.

All groundwater samples were analyzed for TPHG by the United States Environmental Protection Agency (EPA) Method 5030/8015M and for BTEX and MTBE by EPA Method 8020.

During this quarterly period, floating product was measured in monitoring wells MW-1 and MW-2. Table 3 summarizes the thickness of floating product measured in each well. Hydrocarbon odor and/or sheen were observed in all wells, except TMW-4.

Purge water was stored on site in 55-gallon drums labeled to show material stored, date filled, expected removal date, company name, contact person, and telephone number.

See attached protocols for TPE's sample handling, groundwater monitoring well sampling, and quality assurance and quality control procedures.

TPHG was detected in wells MW-1, MW-2, TMW-3, and MW-5 at concentrations of 21,000 parts per billion (ppb), 25,000 ppb, 8,700, and 37,000 ppb, respectively. No TPHG, MTBE, or BTEX were detected in well TMW-4. The reader is referred to Table 4 for a summary of MTBE and BTEX chemical concentrations.

Analytical results are summarized in attached Table 4 and documented in an attached certified analytical report and a chain-of-custody.

CONCLUSIONS AND RECOMMENDATIONS

Floating product was observed in wells MW-1 and MW-2. TPE recommends that quarterly groundwater sampling of all five groundwater monitoring wells be continued to evaluate gradient, and to monitor contaminant concentrations and free product from the wells. Concentrations of TPHG, MTBE and BTEX appear to be fluctuating in all wells in comparison with the third quarterly monitoring period.

The next sampling event is due in December 1999.


An additional copy of this report has been included for your delivery to:

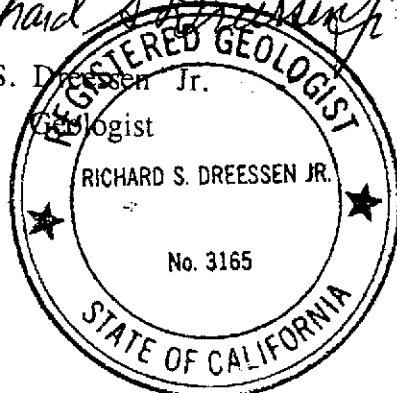
Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

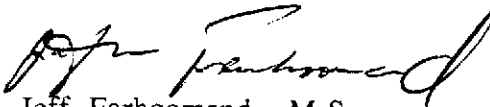
TPE recommends that this quarterly report be submitted with a signed cover letter from Messrs. Aaron and Stanley Wong.

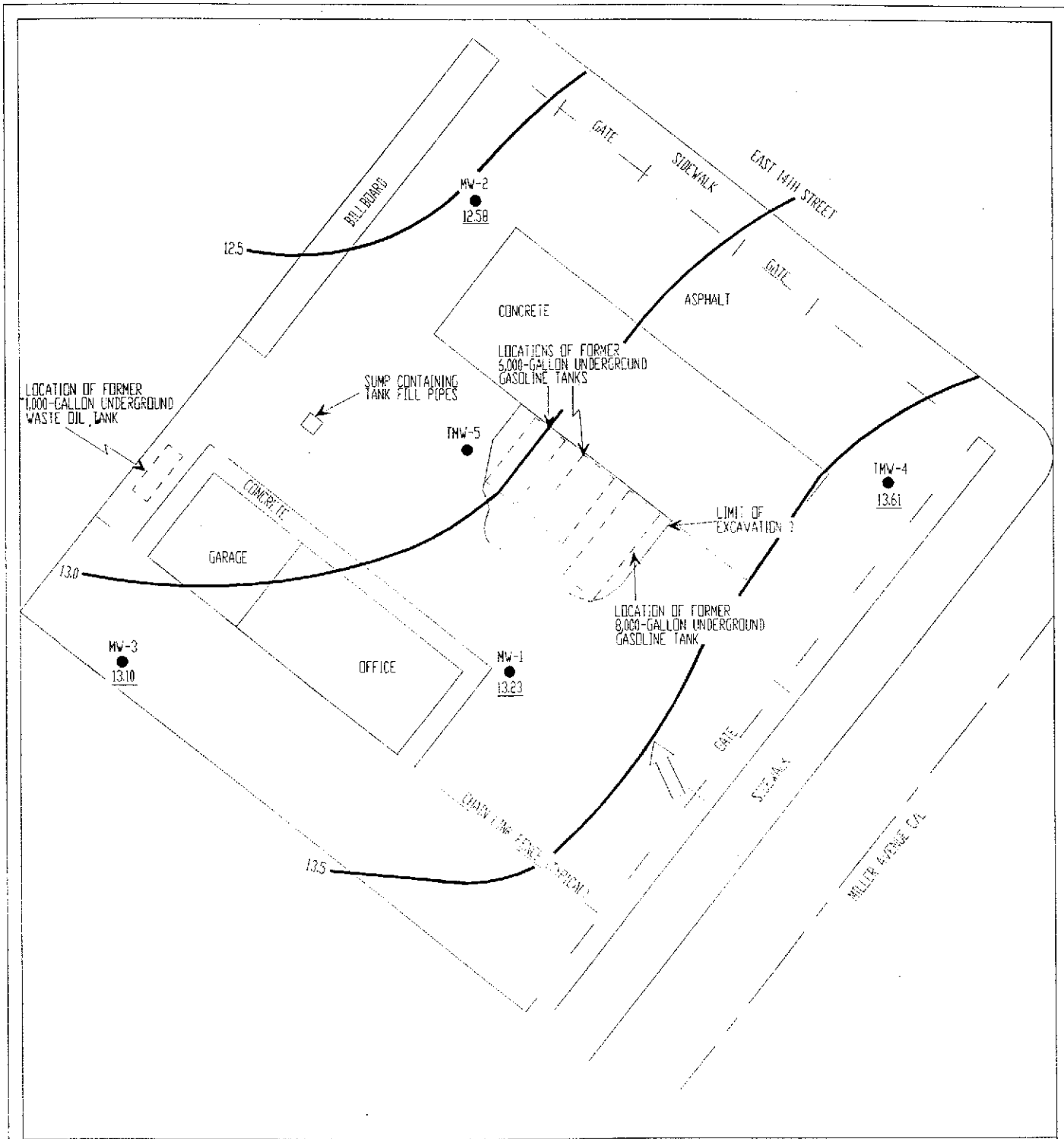
If you have any questions, please call TPE at (510) 429-8088.

Sincerely,


Richard S. Dreesen Jr.
Registered Geologist

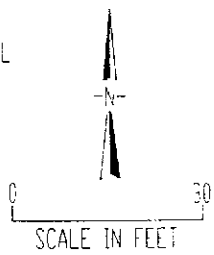



Jeff Farhoomand, M.S.
Principal Engineer



LEGEND

- MW-4 NAME AND LOCATION OF MONITORING WELL INSTALLED BY TPE
- MW-1 NAME AND LOCATION OF MONITORING WELL INSTALLED BY OTHERS
- 13.23 POTENTIOMETRIC ELEVATION
- 12.5 POTENTIOMETRIC CONTOUR
- ← AVERAGE GROUNDWATER FLOW DIRECTION



TANK PROTECT ENGINEERING

SITE PLAN:
GROUNDWATER GRADIENT MAP (09/15/99)

CREDIT WORLD AUTO SALES
2345 E. 14TH STREET
OAKLAND, CA 94601

| | |
|------------|----------|
| DATE | 10/15/99 |
| FIGURE | 1 |
| FILE # | 267-0011 |
| DRAWN BY | VK |
| CHECKED BY | RD |

TABLE 1
GROUNDWATER ELEVATION

| Well Name | Date | TOC ¹ Elevation (Feet MSL ⁴) | Depth-to-Water From TOC (Feet) | Depth to Product From TOC (Feet) | Corrected ³ Groundwater Elevation (Feet MSL) |
|-----------|-----------------------|--|-----------------------------------|-------------------------------------|--|
| MW-1 | 08/23/91 ⁵ | 100.00 ² | 15.42 | NA ⁹ | 84.58 |
| | 04/16/92 ⁶ | 27.33 ⁷ | 16.66 | 11.54 | 14.51 ⁸ |
| | 06/11/93 | | 12.61 | 12.60 | 14.73 |
| | 08/17/93 | | 14.40 | 13.63 | 13.50 ⁷ |
| | 03/31/94 | | 12.64 | ND | 14.69 |
| | 06/27/94 | | 14.32 | 13.16 | 13.88 |
| | 09/16/94 | | 15.86 | 13.64 | 13.14 |
| | 03/31/95 | | 11.82 | 9.48 | 17.27 |
| | 06/28/95 | | 13.50 | 12.60 | 14.51 |
| | 09/28/95 | | 14.27 | 13.96 | 13.29 |
| | 12/26/95 | | 11.77 | 11.62 | 15.67 |
| | 03/22/96 | | 10.52 | 10.44 | 16.87 |
| | 06/20/96 | | 13.38 | 12.49 | 14.63 |
| | 09/24/96 | | 14.60 | 13.40 | 13.63 |
| | 12/27/96 | | 9.17 | 9.08 | 18.23 |
| | 03/06/97 | | 12.35 | ND | 14.98 |
| | 06/28/97 | | 10.93 | 10.60 | 16.65 |
| | 09/18/97 | | 13.10 | 12.93 | 14.36 |
| | 12/30/97 | | 10.96 | 10.79 | 16.50 |
| | 03/24/98 | | 9.33 | ND | 18.00 |
| | 06/29/98 | | 12.20 | ND | 15.13 |
| | 10/02/98 | | 13.46 | ND | 13.87 |
| | 12/10/98 | | 10.49 | ND | 16.84 |
| | 03/26/99 | | 9.44 | ND | 17.89 |
| | 06/11/99 | | 12.56 | 12.55 | 14.77 |
| | 09/15/99 | | 14.85 | 13.85 | 13.23 |
| MW-2 | 08/23/91 ⁵ | 98.585 ² | 13.77 | NA | 84.815 |
| | 04/16/92 ⁶ | 25.92 ⁷ | 15.38 | 12.57 | 12.65 ⁸ |

TABLE 1
GROUNDWATER ELEVATION

| Well Name | Date | TOC ¹ Elevation (Feet MSL ⁴) | Depth-to-Water From TOC (Feet) | Depth to Product From TOC (Feet) | Corrected ³ Groundwater Elevation (Feet MSL) |
|-----------|-----------------------|--|-----------------------------------|-------------------------------------|--|
| MW-2 | 06/11/93 | 25.92 ⁷ | 13.185 | ND ¹⁰ | 12.74 |
| | 08/17/93 | | 14.04 | 14.03 | 11.89 |
| | 03/31/94 | | 13.61 | 13.07 | 12.72 ⁸ |
| | 06/27/94 | 25.92 ⁷ | 14.24 | 13.44 | 12.28 |
| | 09/16/94 | | 17.82 | 13.36 | 11.45 |
| | 03/31/95 | | 16.72 | 9.28 | 14.78 |
| | 06/28/95 | | 13.50 | 12.77 | 12.97 |
| | 09/28/95 | | 14.63 | 14.09 | 11.70 |
| | 12/26/95 | | 12.58 | 11.68 | 14.01 |
| | 03/22/96 | | 11.46 | 11.31 | 14.57 |
| | 06/20/96 | | 13.08 | 12.71 | 13.12 |
| | 09/30/96 | | 16.67 | 12.92 | 12.06 |
| | 12/27/96 | | 15.74 | 8.17 | 15.86 |
| | 03/06/97 | | 12.55 | ND | 13.37 |
| | 06/28/97 | | 11.98 | 11.94 | 13.97 |
| | 09/18/97 | | 13.44 | 13.44 | 12.48 |
| | 12/30/97 | | 11.31 | ND | 14.61 |
| | 03/25/98 | | 10.02 | ND | 15.90 |
| | 06/29/98 | | 11.96 | ND | 13.96 |
| | 10/02/98 | | 13.74 | ND | 12.18 |
| | 12/10/98 | | 12.91 | 10.81 | 14.58 |
| | 03/26/99 | | 9.06 | 8.86 | 16.86 |
| | 06/11/99 | | 12.18 | ND | 13.74 |
| | 09/15/99 | | 15.59 | 12.59 | 12.58 |
| MW-3 | 08/23/91 ⁵ | 99.25 ² | 15.07 | NA | 84.18 |
| | 04/16/92 ⁶ | 27.57 ⁷ | 14.14 | 13.98 | 13.55 ⁸ |
| | 06/11/93 | | 14.275 | ND | 13.30 |
| | 08/17/93 | | 15.77 | ND | 11.80 |

TABLE 1
GROUNDWATER ELEVATION

| Well Name | Date | TOC ¹ Elevation (Feet MSL ⁴) | Depth-to-Water From TOC (Feet) | Depth to Product From TOC (Feet) | Corrected ³ Groundwater Elevation (Feet MSL) |
|-----------|----------|--|-----------------------------------|-------------------------------------|--|
| MW-3 | 03/31/94 | 27.57 ⁷ | 14.35 | ND | 13.22 |
| | 06/27/94 | | 14.77 | ND | 12.80 |
| | 09/16/94 | | 15.42 | 15.37 | 12.19 |
| | 03/31/95 | | 12.98 | 12.52 | 14.94 |
| | 06/28/95 | | 14.20 | 14.15 | 13.41 |
| | 09/28/95 | | 15.17 | ND | 12.40 |
| | 12/26/95 | | 13.33 | 13.27 | 14.28 |
| | 03/22/96 | | 12.81 | 12.77 | 14.79 |
| | 06/20/96 | | 13.95 | 13.88 | 13.67 |
| | 09/24/96 | | 14.86 | 14.82 | 12.74 |
| | 12/27/96 | | 11.04 | 10.98 | 16.58 |
| | 03/07/97 | | 13.80 | ND | 13.77 |
| | 06/28/97 | | 13.72 | 13.66 | 13.89 |
| | 09/18/97 | | 14.76 | ND | 12.81 |
| | 12/30/97 | | 12.97 | ND | 14.60 |
| | 03/24/98 | | 11.75 | ND | 15.82 |
| | 06/29/98 | | 13.38 | ND | 14.19 |
| | 10/02/98 | | 14.42 | ND | 13.15 |
| | 12/08/98 | | 12.55 | ND | 15.02 |
| | 03/26/99 | | 10.54 | ND | 17.03 |
| | 06/15/99 | | 13.91 | ND | 13.66 |
| | 09/15/99 | | 14.47 | ND | 13.1 |
| TMW-4 | 08/17/93 | 26.50 ⁷ | 13.26 | ND | 13.24 |
| | 03/31/94 | | 12.40 | ND | 14.10 |
| | 06/27/94 | | 12.84 | ND | 13.66 |
| | 09/16/94 | | 13.58 | ND | 12.92 |
| | 03/31/95 | | 10.23 | ND | 16.27 |
| | 06/28/95 | | 12.21 | ND | 14.29 |

TABLE 1
GROUNDWATER ELEVATION

| Well Name | Date | TOC ¹ Elevation (Feet MSL ⁴) | Depth-to-Water From TOC (Feet) | Depth to Product From TOC (Feet) | Corrected ³ Groundwater Elevation (Feet MSL) |
|-----------|------------------------|--|-----------------------------------|-------------------------------------|--|
| TMW-4 | 09/28/95 | 26.50 ⁷ | 13.38 | ND | 13.12 |
| | 12/26/95 | | 11.32 | ND | 15.18 |
| | 03/22/96 | | 10.54 | ND | 15.96 |
| | 06/20/96 | | 12.14 | ND | 14.36 |
| | 09/24/96 | | 13.01 | ND | 13.49 |
| | 12/27/96 | | 9.51 | ND | 16.99 |
| | 03/07/97 | | 11.92 | ND | 14.58 |
| | 06/28/97 | | 10.70 | ND | 15.80 |
| | 09/18/97 | | 12.94 | ND | 13.56 |
| | 12/30/97 | | 10.92 | ND | 15.58 |
| | 03/25/98 | | 9.60 | ND | 16.90 |
| | 06/29/98 | | 11.32 | ND | 15.18 |
| | 10/02/98 | | 12.56 | ND | 13.94 |
| | 12/08/98 | | 10.44 | ND | 16.06 |
| | 03/26/99 | | 9.38 | ND | 17.12 |
| | 06/15/99 | | 11.58 | ND | 14.92 |
| | 09/15/99 | | 12.89 | ND | 13.61 |
| TMW-5 | 08/17/93 | 26.51 ⁷ | 12.98 | 12.95 | 13.55 |
| | 03/31/94 | | 11.39 | ND | 15.12 |
| | 06/27/94 | | 12.24 | ND | 13.53 |
| | 09/16/94 | | 13.02 | 12.97 | 13.53 |
| | 03/31/95 | | 7.38 | ND | 19.13 |
| | 06/28/95 | | 11.31 | 11.25 | 15.25 |
| | 09/28/95 | | 14.42 | ND | 12.09 |
| | 12/26/95 | | 10.16 | 10.11 | 16.38 |
| | 03/22/96 | | 7.59 | 7.54 | 18.96 |
| | 06/26/96 ¹¹ | | 7.12 | ND | NA |
| | 09/30/96 ¹¹ | | 7.42 | ND ¹⁰ | NA ⁹ |

TABLE 1
GROUNDWATER ELEVATION

| Well Name | Date | TOC ¹ Elevation (Feet MSL ⁴) | Depth-to-Water From TOC (Feet) | Depth to Product From TOC (Feet) | Corrected ³ Groundwater Elevation (Feet MSL) |
|-----------|------------------------|--|-----------------------------------|-------------------------------------|--|
| TMW-5 | 12/27/96 ¹¹ | 26.51 ⁷ | 6.38 | ND | NA |
| | 03/07/97 ¹¹ | | 11.12 | ND | NA |
| | 08/17/97 ¹¹ | | 12.98 | 12.95 | 13.55 |
| | 09/18/97 ¹¹ | | 12 | ND | --- |
| | 12/30/97 ¹¹ | | 8.97 | ND | --- |
| | 03/25/98 ¹¹ | | 7.32 | ND | --- |
| | 06/29/98 ¹¹ | | 11.50 | ND | --- |
| | 10/02/98 ¹¹ | | 12.56 | ND | --- |
| | 12/08/98 ¹¹ | | 10.14 | ND | --- |
| | 03/26/99 ¹¹ | | 7.08 | ND | --- |
| | 06/11/99 ¹¹ | | 11.40 | ND | --- |
| | 09/15/99 ¹¹ | | 12.52 | ND | --- |

¹ TOP-OF-CASING.

² RELATIVE TO SITE DATUM ESTABLISHED BY ESE.

³ ELEVATION CORRECTED FOR FLOATING PRODUCT USING 0.75 DENSITY FOR GASOLINE.

⁴ MEAN SEA LEVEL.

⁵ WATER LEVEL MEASUREMENTS BY ESE.

⁶ WATER LEVEL MEASUREMENTS BY NKJ.

⁷ TOC SURVEYED 8/10/93 BY PROFESSIONAL ENGINEER.

⁸ CORRECTED GROUNDWATER ELEVATION BY TANK PROTECT ENGINEERING.

⁹ NOT AVAILABLE.

¹⁰ NOT DETECTED.

¹¹ WELL TOP DESTROYED DURING REMEDIATION, UNSURVEYED

¹² NOT MEASURED - WELL OBSTRUCTED

TABLE 2
GROUNDWATER GRADIENTS, FLOW DIRECTIONS,
AND ELEVATION DATA

| Date | Average Groundwater Elevation (Feet-MSL ¹) | Change in Average Groundwater Elevation (Feet) | Groundwater Gradient | Groundwater Flow Direction |
|-----------------------|--|--|----------------------|----------------------------|
| 04/16/92 | 13.57 | --- | .021 | NW |
| 06/11/93 | 13.59 | 0.02 | .026 | NW |
| 08/17/93 | 12.80 | -0.79 | .029 | RADIAL |
| 03/31/94 | 13.97 | +1.17 | .050 | RADIAL |
| 06/27/94 | 13.38 | -0.59 | .020 | RADIAL |
| 09/16/94 | 12.65 | -0.73 | .0179-.0411 | RADIAL |
| 03/31/95 | 16.48 | +3.83 | .075 | RADIAL |
| 06/28/95 | 14.09 | -2.39 | .025-.053 | RADIAL |
| 09/28/95 | 12.52 | -1.57 | .025 | NW |
| 12/26/95 | 15.09 | +2.57 | .048 | RADIAL |
| 03/22/96 | 16.23 | +1.14 | .034-.132 | RADIAL |
| 06/20/96 ² | 13.95 | -2.28 | .016 | NW |
| 09/30/96 ² | 12.98 | -0.97 | .019 | NW |
| 12/27/96 ² | 16.41 | +3.43 | .024-.029 | N-NW |
| 03/07/97 ² | 14.18 | -2.23 | .020-.035 | N-NW |
| 06/28/97 ² | 15.07 | +.89 | .027-.04 | NW |
| 09/18/97 ² | 13.30 | -1.77 | .02-.026 | RADIAL |
| 12/30/97 ² | 15.32 | +2.02 | .025-.030 | N-NW |
| 03/25/98 ² | 16.65 | +1.34 | .021-.033 | RADIAL |
| 06/29/98 ² | 14.69 | -1.96 | .013-.019 | NW |
| 10/02/98 ² | 13.35 | -1.34 | .011-.019 | NW |
| 12/08/98 ² | 15.77 | +2.42 | 0.23 | NW |
| 03/26/99 | 17.225 | +1.455 | 0.01 | N-NW |
| 06/15/99 | 14.27 | -2.95 | 0.01 | NW |
| 09/15/99 | 13.13 | -1.14 | 0.011 | N-NW |

¹ MEAN SEA LEVEL.

² DOES NOT INCLUDE DATA FOR TMW-5; WELL TOP DESTROYED DURING REMEDIATION ACTIVITIES.

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

| Well Name | Date | Depth-to-Water From TOC ¹ (Feet) | Depth-to-Product From TOC (Feet) | Product Thickness (Feet) |
|-----------|-----------------------|--|-------------------------------------|--------------------------|
| MW-1 | 04/16/92 ² | 16.66 | 11.54 | 5.12 |
| | 06/11/93 | 12.61 | 12.60 | 0.01 |
| | 08/17/93 | 14.40 | 13.63 | 0.77 |
| | 03/31/94 | 12.64 | ND | --- |
| | 06/27/94 | 14.32 | 13.16 | 1.16 |
| | 09/16/94 | 15.86 | 13.64 | 2.22 |
| | 03/31/95 | 11.82 | 9.48 | 2.34 |
| | 06/28/95 | 13.50 | 12.60 | 0.90 |
| | 09/28/95 | 14.27 | 13.96 | 0.31 |
| | 12/26/95 | 11.77 | 11.62 | 0.15 |
| | 03/22/96 | 10.52 | 10.44 | 0.08 |
| | 06/20/96 | 13.38 | 12.49 | 0.089 |
| | 09/24/96 | 14.60 | 13.40 | 1.20 |
| | 12/27/96 | 9.17 | 9.08 | 0.09 |
| | 03/06/97 | 12.35 | ND | --- |
| | 06/28/97 | 10.93 | 10.60 | 0.33 |
| | 09/18/97* | 13.10 | 12.93 | .17 |
| | 12/30/97 | 10.96 | 10.79 | 0.17 |
| | 03/24/98 | 9.33 | ND | --- |
| | 06/29/98 | 12.20 | 11.78 | 0.42 |
| | 10/02/98 | 13.46 | 13.21 | 0.25 |
| | 12/08/98 | 10.49 | ND | --- |
| | 03/26/99 | 9.44 | ND | --- |
| | 06/11/99 | 12.56 | 12.55 | 0.005 |
| | 09/15/99 | 14.85 | 13.85 | 1.0 |
| MW-2 | 04/16/92 ² | 15.38 | 12.57 | 2.81 |
| | 06/11/93 | 13.185 | ND ³ | --- |
| | 08/17/93 | 14.04 | 14.03 | 0.01 |

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

| Well Name | Date | Depth-to-Water From TOC ¹ (Feet) | Depth-to-Product From TOC (Feet) | Product Thickness (Feet) |
|-----------|-----------------------|---|----------------------------------|--------------------------|
| MW-2 | 03/31/94 | 13.61 | 13.07 | 0.54 |
| | 06/27/94 | 14.24 | 13.44 | 0.80 |
| | 09/16/94 | 17.82 | 13.36 | 4.46 |
| | 03/31/95 | 16.72 | 9.28 | 7.44 |
| | 06/28/95 | 13.50 | 12.77 | 0.73 |
| | 09/28/95 | 14.63 | 14.09 | 0.54 |
| | 12/26/95 | 12.58 | 11.68 | 0.90 |
| | 03/22/96 | 11.46 | 11.31 | 0.15 |
| | 06/20/96 | 13.08 | 12.71 | 0.37 |
| | 09/30/96 | 16.67 | 12.92 | 3.75 |
| | 12/27/96 | 15.74 | 8.17 | 7.57 |
| | 03/06/97 | 12.55 | ND | --- |
| | 06/28/97 | 11.98 | 11.94 | 0.04 |
| | 09/18/97* | 13.44 | 13.44 | TRACE |
| | 12/30/97 | 11.31 | ND | --- |
| | 03/25/98 | 10.02 | ND | --- |
| | 06/29/98 | 11.96 | ND | --- |
| | 10/02/98 | 13.74 | 13.55 | .187 |
| | 12/08/98 | 12.91 | 10.81 | 2.1 |
| | 03/26/99 | 9.06 | 8.86 | 0.20 |
| | 06/15/99 | 12.18 | ND | --- |
| | 09/15/99 | 15.59 | 12.59 | 3.0 |
| MW-3 | 04/16/92 ² | 14.14 | 13.98 | 0.16 |
| | 06/11/93 | 14.275 | ND | --- |
| | 08/17/93 | 15.77 | ND | --- |
| | 03/31/94 | 14.35 | ND | --- |
| | 06/27/94 | 14.77 | ND | --- |
| | 09/16/94 | 15.42 | 15.37 | --- |

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

| Well Name | Date | Depth-to-Water From TOC ¹ (Feet) | Depth-to-Product From TOC (Feet) | Product Thickness (Feet) |
|-----------|----------|---|----------------------------------|--------------------------|
| MW-3 | 03/31/95 | 12.98 | 12.52 | 0.46 |
| | 06/28/95 | 14.20 | 14.15 | 0.05 |
| | 09/29/95 | 15.7 | ND | --- |
| | 12/26/95 | 13.33 | 13.27 | 0.06 |
| | 03/22/96 | 12.81 | 12.77 | 0.04 |
| | 06/20/96 | 13.95 | 13.88 | 0.07 |
| | 09/24/96 | 14.86 | 14.82 | 0.04 |
| | 12/27/96 | 11.04 | 10.98 | 0.06 |
| | 03/07/97 | 13.80 | ND | --- |
| | 06/28/97 | 13.72 | 13.66 | --- |
| | 09/18/97 | 14.76 | ND | --- |
| | 12/30/97 | 12.97 | ND | --- |
| | 03/24/98 | 11.75 | ND | --- |
| | 06/29/98 | 13.38 | ND | --- |
| | 10/02/98 | 14.42 | ND | --- |
| | 12/08/98 | 12.55 | ND | --- |
| | 03/26/99 | 10.54 | ND | --- |
| | 06/15/99 | 13.91 | ND | --- |
| | 09/15/99 | 14.70 | ND | SHEEN |
| TMW-4 | 08/17/93 | 13.26 | ND | --- |
| | 03/31/94 | 12.40 | ND | --- |
| | 06/27/94 | 12.84 | ND | --- |
| | 09/16/94 | 13.58 | ND | --- |
| | 03/31/95 | 10.23 | ND | --- |
| | 06/28/95 | 12.21 | ND | --- |
| | 09/28/95 | 13.38 | ND | --- |
| | 12/26/95 | 11.32 | ND | --- |
| | 03/22/96 | 10.54 | ND | --- |

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

| Well Name | Date | Depth-to-Water From TOC ¹ (Feet) | Depth-to-Product From TOC (Feet) | Product Thickness (Feet) |
|------------------------|------------------|---|----------------------------------|--------------------------|
| TMW-4 | 06/20/96 | 12.14 | ND | --- |
| | 09/24/96 | 13.01 | ND | --- |
| | 12/27/96 | 9.51 | ND | --- |
| | 03/07/97 | 11.92 | ND | --- |
| | 06/28/97 | 10.70 | ND | --- |
| | 09/18/97* | 12.94 | ND | --- |
| | 12/30/97 | 10.92 | ND | --- |
| | 03/25/98 | 9.60 | ND | --- |
| | 06/29/98 | 11.32 | ND | --- |
| | 10/02/98 | 12.56 | ND | --- |
| | 12/08/98 | 10.44 | ND | --- |
| | 03/26/99 | 9.38 | ND | --- |
| | 06/15/99 | 11.58 | ND | --- |
| | 09/15/99 | 12.89 | ND | --- |
| | TMW-5 | 08/17/93 | 12.98 | 12.95 |
| 03/31/94 | | 11.39 | ND | --- |
| 06/27/94 | | 12.24 | ND | --- |
| 09/16/94 | | 13.02 | 12.97 | 0.05 |
| 03/31/95 | | 7.38 | ND | --- |
| 06/28/95 | | 11.31 | 11.25 | 0.06 |
| 09/28/95 | | 14.42 | ND | --- |
| 12/26/95 | | 10.16 | 10.11 | 0.05 |
| 03/22/96 | | 7.59 | 7.54 | 0.05 |
| 06/20/96 ¹¹ | | 7.12 | ND | --- |
| 09/30/96 ¹¹ | | 7.42 | ND | --- |
| 12/27/96 ¹¹ | | 6.38 | ND | --- |
| 03/07/97 ¹¹ | | 11.12 | ND | --- |
| 06/28/97 ¹² | NM ¹² | ND ¹² | --- | |
| 09/18/97* | 12.00 | ND | --- | |

TABLE 3
SUMMARY OF FLOATING PRODUCT THICKNESS

| Well Name | Date | Depth-to-Water From TOC ¹ (Feet) | Depth-to-Product From TOC (Feet) | Product Thickness (Feet) |
|-----------|----------|---|----------------------------------|--------------------------|
| TMW-5 | 12/30/97 | 8.97 | ND | --- |
| | 03/25/98 | 7.32 | ND | --- |
| | 06/29/98 | 11.50 | ND | --- |
| | 10/02/98 | 12.56 | ND | --- |
| | 12/08/98 | 10.14 | ND | --- |
| | 03/26/99 | 7.08 | ND | --- |
| | 06/11/99 | 11.40 | ND | --- |
| | 09/15/99 | 12.52 | ND | SHEEN |

¹ TOP-OF-CASING.

² RELATIVE TO SITE DATUM ESTABLISHED BY ESE.

³ ELEVATION CORRECTED FOR FLOATING PRODUCT USING 0.75 DENSITY FOR GASOLINE.

⁴ MEAN SEA LEVEL

⁵ WATER LEVEL MEASUREMENTS BY ESE.

⁶ WATER LEVEL MEASUREMENTS BY NKJ.

⁷ TOC SURVEYED 8/10/93 BY PROFESSIONAL ENGINEER.

⁸ CORRECTED GROUNDWATER ELEVATION BY TANK PROTECT ENGINEERING.

⁹ NOT AVAILABLE.

¹⁰ NOT DETECTED.

¹¹ WELL TOP DESTROYED DURING REMEDIATION

¹² NOT MEASURED - WELL OBSTRUCTED

* VISUAL MEASUREMENTS FROM BAILER

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

| Sample ID Name | Date | TPHG | Methyl t-Butyl Ether | Benzene | Toluene | Ethylbenzene | Xylenes |
|----------------|----------|---------|----------------------|---------|---------|--------------|---------|
| MW-1 | 08/17/93 | 110,000 | NA ² | 270 | 690 | 730 | 3,100 |
| | 03/28/94 | 34,000 | NA | 4,900 | 1,800 | 1,200 | 4,000 |
| | 06/27/94 | 21,000 | NA | 12,000 | 810 | 760 | 2,500 |
| | 09/16/94 | 37,000 | NA | 7,900 | 2,400 | 1,300 | 3,300 |
| | 03/31/95 | 43,000 | NA | 8,100 | 1,900 | 1,000 | 4,200 |
| | 06/28/95 | 80,000 | NA | 7,900 | 3,200 | 1,800 | 7,300 |
| | 09/28/95 | 24,000 | <1,200 | 4,900 | 470 | 470 | 1,700 |
| | 12/26/95 | 61,000 | <1,200 | 12,000 | 4,200 | 1,500 | 5,500 |
| | 03/22/96 | 19,000 | <2,500 | 6,000 | 47 | 260 | <750 |
| | 06/20/96 | 15,000 | 910 | 2,900 | 100 | 240 | 98 |
| | 09/24/96 | 20,000 | 340 | 4,800 | 220 | 300 | 770 |
| | 12/27/96 | 24,000 | <5.0 | 5,900 | 440 | 310 | 740 |
| | 03/07/97 | 30,000 | <5.0 | 5,700 | 370 | 290 | 780 |
| | 06/28/97 | 54,000 | <5.0 | 5,200 | 1,300 | 1,000 | 4,900 |
| | 09/18/97 | 54,000 | <5.0 | 5,300 | 1,200 | 1,100 | 4,600 |
| | 12/30/97 | 61,000 | 1,400 | 4,300 | 1,800 | 1,600 | 6,900 |
| | 03/24/98 | 24,000 | 2,000 | 1,000 | 1,000 | 1,300 | 4,300 |
| | 06/29/98 | 130,000 | 3,300 | 3,800 | 370 | 1,200 | 4,200 |
| | 10/02/98 | 22,000 | <0.50 | 66 | 21 | 26 | 140 |
| | 12/10/98 | 32,000 | <250 | 4,600 | 970 | 1,700 | 4,900 |
| | 03/26/99 | 230,000 | <0.50 | 370 | 290 | 280 | 720 |
| | 06/11/99 | 180,000 | <0.50 | 210 | 170 | 220 | 400 |
| | 09/15/99 | 21,000 | <250 | 3,800 | 280 | 590 | 2,200 |
| MW-2 | 08/17/93 | 49,000 | NA | 94 | 240 | 250 | 980 |
| | 03/28/94 | 14,000 | NA | 4,200 | <250 | 910 | 1,400 |
| | 06/27/94 | 24,000 | NA | 4,400 | 72 | 1,100 | 1,700 |
| | 09/16/94 | 40,000 | NA | 2,300 | 250 | 2,000 | 4,100 |
| | 03/31/95 | 28,000 | NA | 4,000 | <120 | 1,100 | 1,400 |

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

| Sample ID Name | Date | TPHG | Methyl t-butyl ether | Benzene | Toluene | Ethyl-benzene | Xylenes |
|----------------|----------|---------|----------------------|---------|---------|---------------|---------|
| MW-2 | 06/28/95 | 40,000 | NA | 2,700 | 130 | 1,700 | 2,900 |
| | 09/28/95 | 7,500 | <62 | 420 | 14 | 250 | 190 |
| | 12/26/95 | 22,000 | <250 | 1,300 | 88 | 950 | 1,800 |
| | 03/22/96 | 9,800 | <1,200 | 2,200 | <120 | 400 | <380 |
| | 06/20/96 | 35,000 | 550 | 770 | <0.50 | 240 | <0.50 |
| | 09/30/96 | 58,000 | <5.0 | 1,600 | 230 | 2,200 | 4,000 |
| | 12/27/96 | 29,000 | <5.0 | 2,100 | <0.50 | 1,200 | 1,800 |
| | 03/07/97 | 13,000 | <5.0 | 1,300 | 37 | 290 | 180 |
| | 06/28/97 | 12,000 | <5.0 | 840 | <0.50 | 640 | 360 |
| | 09/18/97 | 12,000 | <5.0 | 680 | <0.50 | 320 | 84 |
| | 12/30/97 | 13,000 | <5.0 | 1,100 | 40 | 350 | 220 |
| | 03/25/98 | 8,100 | 670 | 1,300 | 51 | 410 | 230 |
| | 06/29/98 | 12,000 | 430 | 880 | 13 | 180 | 72 |
| | 10/02/98 | 47,000 | <0.50 | 140 | 100 | 110 | 200 |
| | 12/10/98 | 26,000 | <1,000 | 1,000 | 210 | 1,500 | 1,900 |
| | 03/26/99 | 110,000 | <0.50 | 190 | 150 | 120 | 380 |
| | 06/11/99 | 190,000 | <0.50 | 310 | 250 | 320 | 540 |
| | 09/15/99 | 25,000 | <1,000 | 720 | <100 | 1,300 | 1,600 |
| MW-3 | 08/17/93 | 9,600 | NA | 4.1 | 17 | 28 | 54 |
| | 03/28/94 | 8,400 | NA | 2,400 | 56 | 67 | 200 |
| | 06/27/94 | 9,900 | NA | 3,300 | <22 | <25 | 73 |
| | 09/16/94 | 16,000 | NA | 2,300 | 80 | 620 | 240 |
| | 03/31/95 | 16,000 | NA | 2,800 | 70 | <25 | 920 |
| | 06/28/95 | 11,000 | NA | 2,300 | 32 | 81 | 240 |
| | 09/28/95 | 6,300 | <420 | 1,900 | <42 | 200 | <120 |
| | 12/26/95 | 25,000 | <250 | 3,800 | 97 | 94 | 1,600 |
| | 03/22/96 | 16,000 | 250 | 3,100 | 75 | 69 | 350 |
| | 06/20/96 | 8,500 | 220 | 1,400 | 28 | 140 | 15 |
| | 09/24/96 | 12,000 | <5.0 | 2,400 | 87 | 340 | 110 |
| | 12/27/96 | 5,800 | 240 | 1,700 | 28 | <0.50 | 42 |

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

| Sample ID Name | Date | TPHG | Methyl t-butyl ether | Benzene | Toluene | Ethylbenzene | Xylenes |
|----------------|----------|--------|----------------------|---------|---------|--------------|---------|
| MW-3 | 03/10/97 | 9,000 | <5.0 | 1,700 | <0.50 | 110 | <0.50 |
| | 06/28/97 | 15,000 | <5.0 | 2,200 | <0.50 | 160 | 190 |
| | 09/18/97 | 28,000 | <5.0 | 3,800 | <0.50 | 100 | <0.50 |
| | 12/30/97 | 21,000 | 300 | 2,200 | <0.50 | 31 | <0.50 |
| | 03/24/98 | 2,300 | 85 | 870 | 7.2 | 20 | <0.50 |
| | 06/29/98 | 6,500 | 140 | 1,300 | 12 | 62 | 14 |
| | 10/02/98 | 11,000 | <0.50 | 31 | 27 | 35 | 69 |
| | 12/10/98 | <2,500 | <250 | 2,800 | 68 | 42 | 55 |
| | 03/26/99 | 10,000 | <0.50 | 21 | 14 | 10 | 41 |
| | 06/15/99 | 87,000 | <0.50 | 90 | 71 | 92 | 180 |
| | 09/15/99 | 8,700 | <100 | 2,100 | 71 | 110 | 66 |
| TMW-4 | 03/28/94 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.5 |
| | 06/27/94 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.5 |
| | 09/16/94 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.5 |
| | 03/31/95 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.5 |
| | 06/28/95 | <50 | NA | <0.50 | <0.50 | <0.50 | <1.5 |
| | 09/28/95 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <1.5 |
| | 12/26/95 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <1.5 |
| | 03/22/96 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <1.5 |
| | 06/20/96 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 09/24/96 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 12/27/96 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 03/10/97 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 06/27/97 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 09/18/97 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 12/30/97 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 03/25/98 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 06/29/98 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 10/02/98 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 12/10/98 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

| Sample ID Name | Date | TPHG | Methyl t-butyl ether | Benzene | Toluene | Ethyl-benzene | Xylenes |
|----------------|-----------------------|---------|----------------------|---------|---------|---------------|---------|
| TMW-4 | 12/10/98 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 03/26/99 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 06/15/99 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| | 09/15/99 | <50 | <5.0 | <0.50 | <0.50 | <0.50 | <0.50 |
| TMW-5 | 08/17/93 | 120,000 | NA | 640 | 730 | 790 | 3,600 |
| | 03/28/94 | 70,000 | NA | 23,000 | 1,500 | 4,100 | 15,000 |
| | 06/28/94 | 56,000 | NA | 26,000 | 940 | 5,500 | 26,000 |
| | 09/16/94 | 96,000 | NA | 17,000 | 720 | 3,500 | 12,000 |
| | 03/31/95 | 64,000 | NA | 13,000 | 470 | 3,500 | 6,100 |
| | 06/28/95 | 65,000 | NA | 9,000 | 240 | 2,600 | 5,300 |
| | 09/28/95 | 79,000 | <1,200 | 17,000 | 1,800 | 2,700 | 7,000 |
| | 12/26/95 | 110,000 | <1,200 | 11,000 | 800 | 2,300 | 4,500 |
| | 06/26/96 | 30,000 | 830 | 4,000 | 180 | 1,500 | 2,500 |
| | 09/30/96 | 6,900 | <5.0 | 1,600 | 79 | 130 | 370 |
| | 12/27/96 | 78,000 | <5.0 | 12,000 | 1,900 | 2,900 | 9,700 |
| | 03/10/97 | 84,000 | <5.0 | 9,900 | 1,100 | 2,600 | 8,800 |
| | 06/28/97 | NA | NA | NA | NA | NA | NA |
| | 09/18/97 | 65,000 | <5.0 | 8,000 | <0.5 | 2,000 | 4,700 |
| | 12/30/97 | 79,000 | <5.0 | 6,400 | 340 | 2,300 | 5,500 |
| | 03/25/98 | 20,000 | 2,400 | 6,000 | 260 | 2,700 | 5,800 |
| | 10/08/98 | 46,000 | <0.50 | 120 | 98 | 120 | 240 |
| | 12/10/98 | 46,000 | <1,200 | 5,900 | 320 | 2,200 | 5,400 |
| | 03/26/99 | 35,000 | <0.50 | 69 | 61 | 37 | 120 |
| | 06/11/99 | 26,000 | <0.50 | 29 | 32 | 43 | 72 |
| | 09/15/99 | 37,000 | <1,000 | 7,300 | 400 | 2,400 | 6,000 |
| TMW-6 | 09/18/97 ³ | <50.0 | <5.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/30/97 ³ | <50.0 | <5.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 03/25/98 ³ | <50.0 | <5.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 06/29/98 ³ | <50.0 | <5.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 10/02/98 ³ | NA | NA | NA | NA | NA | NA |

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

| Sample ID Name | Date | TPHG | Methyl t-butyl ether | Benzene | Toluene | Ethyl-benzene | Xylenes |
|----------------|-----------------------|--------|----------------------|---------|---------|---------------|---------|
| TMW-6 | 12/10/98 ³ | NA | NA | NA | NA | NA | NA |
| | 03/26/99 ³ | < 50 | < 0.50 | < 0.05 | < 0.50 | < 0.50 | < 0.50 |
| | 06/15/99 ³ | < 50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | < 0.50 |
| | 09/15/99 ³ | 33,000 | < 1,000 | 6,200 | 300 | 2,000 | 4,800 |

¹ PARTS PER BILLION

² NOT ANALYZED

³ TRIP BLANKS

RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 15 Sept 99
 PROJECT NAME: Knight World Auto Sales
 PROJECT LOCATION: 7545 E 14th St / Oak
 SAMPLER: [Signature] Roger Pappas
 ANALYSES: As BTEX
 WELL DEPTH (from construction detail): 35'

WELL NO.: MW-1
 WELL DIAMETER: 2"
 TOC ELEV: 27.53
 LOCK NO.: _____

WELL DEPTH (measured): NM SOFT BOTTOM?: --

DEPTH TO WATER: 14.85 TIME: 10:58 A

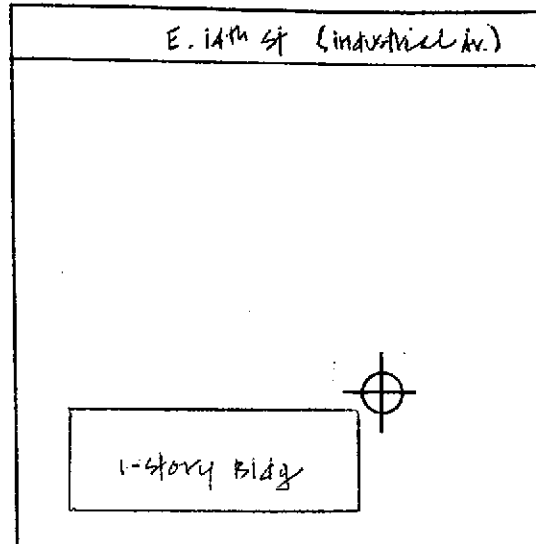
PRESSURE (circle one)? YES OR NO Undetermined*
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

* Well plug very loose

WATER VOLUME IN WELL: 3.28 gal

[2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]

[6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 9.84 (L): -- ACTUAL PURGE VOL. (GAL): 10 (L): --

PURGE METHOD: Hand Bail

SAMPLE METHOD: Disposable Bail

FIELD MEASUREMENTS

| Time | Depth to Water (FT) | Vol (L) <small>(L)_{gal}</small> | Temp (Deg. F) | pH | EC | Clarity | Turbidity (NTU) | Remarks |
|-------|---------------------|---|---------------|------|-------|---------|-----------------|---|
| 14:20 | NM | 0.535 <u>0.75</u> | 72.8 | 9.54 | 17.12 | it brn | | <u>Free Product</u> |
| 14:40 | | 3.25 | 69.6 | 8.96 | 12.91 | " | | <u>water recharge</u> |
| 14:50 | | 6.50 | 69.5 | 8.30 | 14.55 | " | | <u>low parameter sps collected by</u> |
| 15:05 | ✓ | 9.75 | 68.5 | 8.20 | 16.50 | " | ✓ | <u>bottom of bailer due to free prod.</u> |
| | | | | | | | | <u>sampled MW-1</u> |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SIGNATURE: [Signature]

WATER VOL. IN DRUM: _____
 NEED NEW DRUM?: _____

RECORD OF WATER SAMPLING

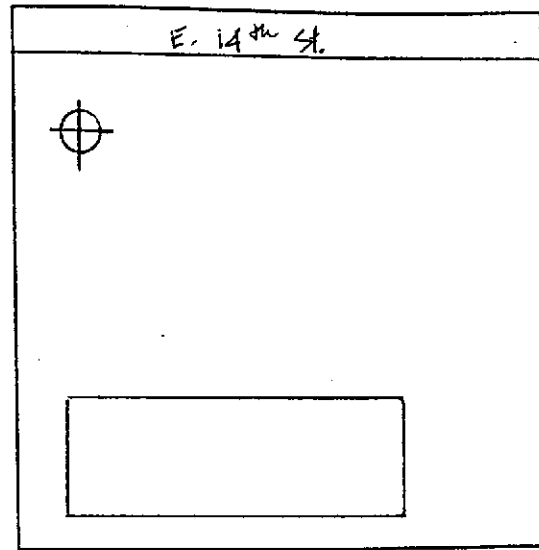
PROJECT NO.: 267 DATE: 15 Sept 94
 PROJECT NAME: Credit World Auto Sales
 PROJECT LOCATION: 2345 E. 14th St.
 SAMPLER: [Signature] Reger Paper
 ANALYSES: was BTEX

WELL NO.: MW-2
 WELL DIAMETER: 2"
 TOC ELEV: 15.92
 LOCK NO.: _____

WELL DEPTH (from construction detail): 35'
 WELL DEPTH (measured): NM SOFT BOTTOM?: -
 DEPTH TO WATER: 15.5' TIME: 11:07 A
 PRESSURE (circle one)? YES OR NO Undetermined*
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

* Well ^{casing} plug v. loose

WATER VOLUME IN WELL: 3" gal
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



CALCULATED PURGE VOL. (GAL): 9.33 (L): _____ ACTUAL PURGE VOL. (GAL): 9.5 (L): _____
 PURGE METHOD: Hand Bail SAMPLE METHOD: Disposable Bailers

FIELD MEASUREMENTS

| Time | Depth to Water (FT) | Vol (L) | Temp (Deg. F) | pH | EC <small>25°C</small> | Clarity | Turbidity (NTU) | Remarks |
|-------|---------------------|---------|---------------|------|------------------------|---------|-----------------|--------------------------------------|
| 17:35 | NM | 0.75 | 68 | 8.30 | 14.7 | 1.5 | NM | 3' of free-product |
| 17:45 | | 3.0 | 66 | 8.24 | 8.47 | 1 | | gw parameter sample collected |
| 17:55 | | 6.0 | 65 | 8.16 | 8.22 | 1 | | to bottom of bailer due to free prod |
| 18:05 | | 9.25 | 64.7 | 8.18 | 8.19 | 1 | | |
| | | | | | | | | sampled MW-1 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SIGNATURE: [Signature]

WATER VOL. IN DRUM: _____
 NEED NEW DRUM?: _____

RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 15 Sept 99
 PROJECT NAME: Credit World Auto Sales
 PROJECT LOCATION: 2345 E. 14th St / Oak
 SAMPLER: [Signature] Roger Papler
 ANALYSES: Tras BTEX & MTBE
 WELL DEPTH (from construction detail): 35'

WELL NO.: MW-3
 WELL DIAMETER: 2'
 TOC ELEV: _____
 LOCK NO.: _____

WELL DEPTH (measured): NM SOFT BOTTOM?: --

DEPTH TO WATER: 14.70 TIME: 10⁵³A

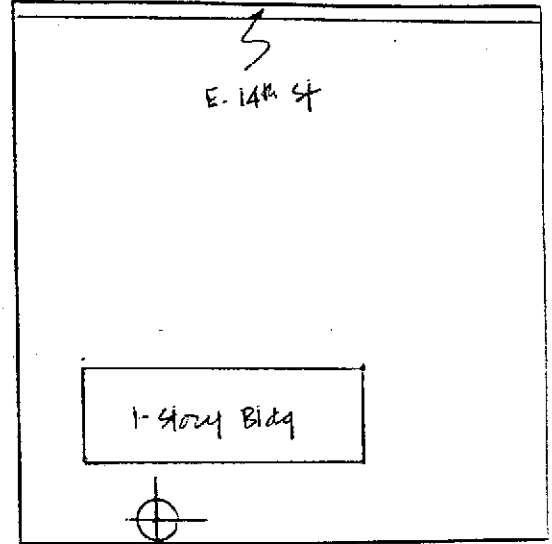
PRESSURE (circle one): YES OR NO * Undetermined
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

* Well casing plug v. loose.

WATER VOLUME IN WELL: 3.25 gal

[2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]

[6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 9.75 (L): _____ ACTUAL PURGE VOL. (GAL): 10 (L): _____

PURGE METHOD: Hand Pump

SAMPLE METHOD: Disposable bucket

FIELD MEASUREMENTS

| Time | Depth to Water (FT) | Vol (L) | Temp (Deg. F) | pH | EC <small>x1000</small> | Clarity | Turbidity (NTU) | Remarks |
|-------|---------------------|---------|---------------|------|-------------------------|------------|-----------------|--------------|
| 15:40 | NM | 0.25 | 16.8° | 8.57 | 1.95 | clear | NM | Shim |
| 15:50 | | 3.00 | 16.6° | 8.33 | 1.12 | light grey | | |
| 16:00 | | 16.25 | 16.5° | 7.95 | 1.40 | | | |
| 16:10 | ✓ | 9.75 | 16.5° | 7.63 | 1.19 | | ✓ | |
| | | | | | | | | sampled MW-1 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SIGNATURE: [Signature]

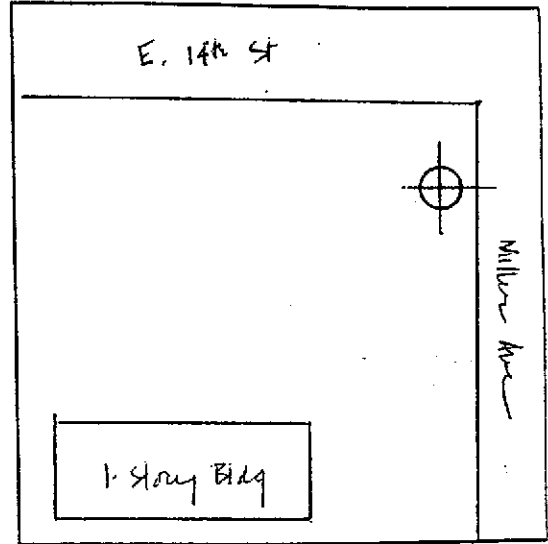
WATER VOL. IN DRUM: _____
 NEED NEW DRUM?: _____

RECORD OF WATER SAMPLING

PROJECT NO.: 267 DATE: 15 Sept 99
 PROJECT NAME: Credit World Auto Sales
 PROJECT LOCATION: 2245 E. 14th St / Wash
 SAMPLER: Roger Papler
 ANALYSES: bes BTEX & MIBS

WELL NO.: TNW-4
 WELL DIAMETER: 2"
 TOC ELEV: 26.50
 LOCK NO.: _____

WELL DEPTH (from construction detail): 27'
 WELL DEPTH (measured): N/A SOFT BOTTOM?: --
 DEPTH TO WATER: 12.89 TIME: 10.48
 PRESSURE (circle one)?: YES OR NO *Undetermined
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?



LOCATION MAP

* Well casing plug v. loose
 WATER VOLUME IN WELL: 2.20
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]

CALCULATED PURGE VOL. (GAL): 6.78 (L): _____ ACTUAL PURGE VOL. (GAL): 7.0 (L): _____
 PURGE METHOD: Hand Bail SAMPLE METHOD: Aspirable bailer

FIELD MEASUREMENTS

| Time | Depth to Water (FT) | Vol (L) | Temp (Deg. F) | pH | EC <small>* 1000</small> | Clarity | Turbidity (NTU) | Remarks |
|-------|---------------------|---------|---------------|------|--------------------------|-------------|-----------------|--|
| 11:58 | NM | 0.25 | 73.3 | 6.32 | 3.98* | Clear | NM | |
| 12:07 | | 2.25 | 71.1 | 6.48 | 8.59 | light brown | | |
| 12:17 | | 4.50 | 71.4 | 6.53 | 12.2* | | | |
| 12:35 | | 6.75 | 71.0 | -- | 8.27 | | | Recharging area - slurry with function - work on top of bedrock |
| | | | | | | | | Sampled TNW-4 |
| | | | | | | | | |
| | | | | | | | | |

SIGNATURE: [Signature]

WATER VOL. IN DRUM: _____
 NEED NEW DRUM?: _____

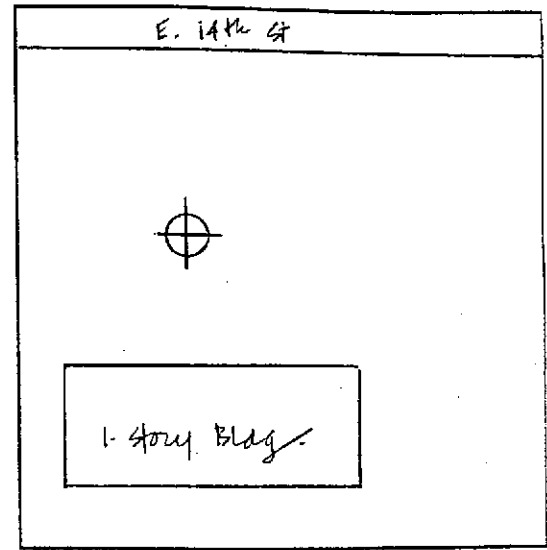
RECORD OF WATER SAMPLING

PROJECT NO.: _____ DATE: 15 Sept 99
 PROJECT NAME: Gruid World Antler Sales
 PROJECT LOCATION: 2345 E. 14th St / Oak
 SAMPLER: [Signature] Roger Peoples
 ANALYSES: bas BTEX

WELL NO.: TMW-5/TMW
 WELL DIAMETER: 2"
 TOC ELEV: 26.5'
 LOCK NO.: _____

WELL DEPTH (from construction detail): 27'
 WELL DEPTH (measured): NM SOFT BOTTOM?: _____
 DEPTH TO WATER: 12.52 TIME: 11:03
 PRESSURE (circle one)? YES OR NO undetermined*
 IF YES, WAS PRESSURE (circle one): POSITIVE OR NEGATIVE?

* Well casing plug v. loose
 WATER VOLUME IN WELL: 2.32
 [2-INCH CASING = 0.16 GAL/FT] [4-INCH CASING = 0.65 GAL/FT]
 [6-INCH CASING = 1.47 GAL/FT] [1 GAL = 3.78 L]



LOCATION MAP

CALCULATED PURGE VOL. (GAL): 6.96 (L): _____ ACTUAL PURGE VOL. (GAL): 7.25 (L): _____
 PURGE METHOD: Hand Bail SAMPLE METHOD: Disposable Boster

FIELD MEASUREMENTS

| Time | Depth to Water (FT) | Vol (Liters) | Temp (Deg. F) | pH | EC ¹⁰⁰ x 1000 | Clarity | Turbidity (NTU) | Remarks |
|-------|---------------------|--------------|---------------|------|-------------------------------------|-------------------|-----------------|--|
| 13:05 | NM | 0.25 | 72.5 | 7.25 | 2.41* | Clear | NM | PH odor |
| 13:12 | | 2.25 | 73.2 | 6.92 | 14.58 | 1/2 bag of turbid | " | Green |
| 13:25 | | 4.50 | 71.8 | -- | 14.55 | " | " | Recharging v. steady |
| 13:35 | ↓ | 10.75 | 70.8 | -- | -- | " | " | pH & EC non op → disassembled & dried in air |
| | | | | | | | | Sampled TMW-5 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SIGNATURE: [Signature]

WATER VOL. IN DRUM: _____
 NEED NEW DRUM?: _____

SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be packaged carefully to avoid breakage or contamination and will be delivered to the laboratory in an iced-cooler. The following sample packaging requirements will be followed.

- . Sample bottle/sleeve lids will not be mixed. All sample lids will stay with the original containers and have custody seals affixed to them.
- . Samples will be secured in coolers to maintain custody, control temperature and prevent breakage during transportation to the laboratory.
- . A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.
- . Ice, blue ice or dry ice (dry ice will be used for preserving soil samples collected for the Alameda County Water District) will be used to cool samples during transport to the laboratory.
- . Water samples will be cooled with crushed ice. In the Alameda County Water District, water samples will be buried in the crushed ice with a thermometer, and the laboratory will be requested to record thermometer temperature at the time of receipt.
- . Each sample will be identified by affixing a pressure sensitive, gummed label or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection and the collector's initials.
- . Soil samples collected in brass tubes will be preserved by covering the ends with Teflon tape and capping with plastic end-caps. The tubes will

be labeled, sealed in quart size bags and placed in an iced-cooler for transport to the laboratory.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this workplan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site file; all sample transfers will be documented in the chain-of-custody; samples will be identified with labels; all sample bottles will be custody-sealed. All information is to be recorded in waterproof ink. All TPE field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician or professional who has been designated by the TPE project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used and signature of the TPE person relinquishing samples to a non-TPE person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Records will be maintained by a designated TPE field employee for each sample: site identification, sampling location, station number, date, time, sampler's name, designation of the sample as a grab or composite, notation of the type of sample (e.g., groundwater, soil boring, etc.), preservatives used, onsite measurement data and other observations or remarks.

GROUNDWATER MONITORING WELL SAMPLING PROCEDURES

Groundwater monitoring wells will not be sampled until at least 24 to 72 hours (according to local regulatory guidelines) after well development. Groundwater samples will be obtained using a bladder pump, clear Teflon bailer or dedicated polyethylene bailer. Prior to collecting samples, the sampling equipment will be thoroughly decontaminated to prevent introduction of contaminants into the well and to avoid cross-contamination. Monitoring wells will be sampled after 3 to 10 wetted casing volumes of groundwater have been evacuated and pH, electrical conductivity and temperature have stabilized as measured with a Hydac Digital Tester. If the well is emptied before 3 to 10 well volumes are removed, the sample will be taken when the water level in the well recovers to 80% or more of its initial water level.

When a water sample is collected, turbidity of the water will be measured and recorded with a digital turbidimeter. Degree of turbidity will be measured and recorded in nephelometric turbidity units (NTU).

TPE will also measure the thickness of any floating product in the monitoring wells using an interface probe or clear Teflon or polyethylene bailer. The floating product will be measured after well development but prior to the collection of groundwater samples. If floating product is present in the well, TPE will recommend to the client that product removal be commenced immediately and reported to the appropriate regulatory agency.

Unless specifically waived or changed by the local, prevailing regulatory agency, water samples will be handled and preserved according to the latest United States Environmental Protection Agency methods as described in the Federal Register (Volume 44, No. 233, Page 69544, Table II) for the type of analysis to be performed.

Development and/or purge water will be stored on site in labeled containers. The disposal of the containers and development and/or purge water is the responsibility of the client.

MEASUREMENTS

Purged Water Parameter: During purging, discharged water will be measured for the following parameters.

| <u>Parameter</u> | <u>Units of Measurement</u> |
|----------------------------|-----------------------------|
| pH | None |
| Electrical Conductivity | Micromhos |
| Temperature | Degrees F or C |
| Depth to Water | Feet/Hundredths |
| Volume of Water Discharged | Gallons |
| Turbidity | NTU |

Documentation: All parameter measurements will be documented in writing on TPE development logs.

QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

The overall objectives of the field sampling program include generation of reliable data that will support development of a remedial action plan. Sample quality will be checked by the use of proper sampling, handling and testing methods. Additional sample quality control methods may include the use of background samples, equipment rinsate samples and trip and field blanks. Chain-of-custody forms, use of a qualified laboratory, acceptable detection limits and proper sample preservation and holding times also provide assurance of accurate analytical data.

TPE will follow a quality assurance and quality control (QA/QC) program in the field to ensure that all samples collected and field measurements taken are representative of actual field and environmental conditions and that data obtained are accurate and reproducible. These activities and laboratory QA/QC procedures are described below.

Field Samples: Additional samples may be taken in the field to evaluate both sampling and analytical methods. Three basic categories of QA/QC samples that may be collected are trip blanks, field blanks and duplicate samples.

Trip blanks are a check for cross-contamination during sample collection, shipment, and laboratory analysis. They are water samples that remain with the collected samples during transportation and are analyzed along with the field samples to check for residual contamination. Analytically confirmed organic-free water will be used for organic parameters and deionized water for metal parameters. Blanks will be prepared by the laboratory supplying the sample containers. The blanks will be numbered, packaged and sealed in the same manner as the other samples. One trip blank will be used for each sample set of less than 20 samples. At least 5% blanks will be used for sets greater than 20 samples. The trip blank is not to be opened by either the sample collectors or the handlers.

The field blank is a water sample that is taken into the field and is opened and exposed at the sampling point to detect contamination from air exposure. The water

sample is poured into appropriate containers to simulate actual sampling conditions. Contamination due to air exposure can vary considerably from site to site.

The laboratory will not be informed about the presence of trip and field blanks, and false identifying numbers will be put on the labels. Full documentation of these collection and decoy procedures will be made in the site log book.

Duplicate samples are identical sample pairs (collected in the same place and at the same time), placed in identical containers. For soils, adjacent sample liners will be analyzed. For the purpose of data reporting, one is arbitrarily designated the sample, and the other is designated as a duplicate sample. Both sets of results are reported to give an indication of the precision of sampling and analytical methods.

The laboratory's precision will be assessed without the laboratory's knowledge by labeling one of the duplicates with false identifying information. Data quality will be evaluated on the basis of the duplicate results.

Laboratory QA/QC: Execution of a strict QA/QC program is an essential ingredient in high-quality analytical results. By using accredited laboratory techniques and analytical procedures, estimates of the experimental values can be very close to the actual value of the environmental sample. The experimental value is monitored for its precision and accuracy by performing QC tests designed to measure the amount of random and systematic errors and to signal when correction of these errors is needed.

The QA/QC program describes methods for performing QC tests. These methods involve analyzing method blanks, calibration standards, check standards (both independent and the United States Environmental Protection Agency-certified standards), duplicates, replicates and sample spikes. Internal QC also requires adherence to written methods, procedural documentation and the observance of good laboratory practices.

Gas/BTEX and MTBE

| | |
|---------------------------------|---|
| Tank Protect Engineering | ☒ 2821 Whipple Road Union City, CA |
| Attn: Jeff Farhooman | Phone: (800) 523-8088 Fax: (510) 222-488& |
| Project #: 267-091599 | Project: Credit World / Oakland |

Samples Reported

| Sample ID | Matrix | Date Sampled | Lab # |
|-----------|--------|--------------|-------|
| MW-1 | Water | 09/15/1999 | 1 |
| MW-2 | Water | 09/15/1999 | 2 |
| MW-3 | Water | 09/15/1999 | 3 |
| TMW-4 | Water | 09/15/1999 | 4 |
| TMW-5 | Water | 09/15/1999 | 5 |
| TMW-6 | Water | 09/15/1999 | 6 |

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: MW-1 | Lab Sample ID: 1999-09-0253-001 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/23/1999 12:14 |
| Matrix: Water | QC-Batch: 1999/09/23-01.01 |

| Compound | Result | Rep.Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|-----------|-------|----------|------------------|------|
| Gasoline | 21000 | 2500 | ug/L | 50.00 | 09/23/1999 12:14 | |
| Benzene | 3800 | 25 | ug/L | 50.00 | 09/23/1999 12:14 | |
| Toluene | 280 | 25 | ug/L | 50.00 | 09/23/1999 12:14 | |
| Ethyl benzene | 590 | 25 | ug/L | 50.00 | 09/23/1999 12:14 | |
| Xylene(s) | 2200 | 25 | ug/L | 50.00 | 09/23/1999 12:14 | |
| MTBE | ND | 250 | ug/L | 50.00 | 09/23/1999 12:14 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 99.5 | 58-124 | % | 1.00 | 09/23/1999 12:14 | |
| 4-Bromofluorobenzene-FID | 99.6 | 50-150 | % | 1.00 | 09/23/1999 12:14 | |

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: MW-2 | Lab Sample ID: 1999-09-0253-002 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/23/1999 12:42 |
| Matrix: Water | QC-Batch: 1999/09/23-01.01 |

| Compound | Result | Rep.Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|-----------|-------|----------|------------------|------|
| Gasoline | 25000 | 10000 | ug/L | 200.00 | 09/23/1999 12:42 | |
| Benzene | 720 | 100 | ug/L | 200.00 | 09/23/1999 12:42 | |
| Toluene | ND | 100 | ug/L | 200.00 | 09/23/1999 12:42 | |
| Ethyl benzene | 1300 | 100 | ug/L | 200.00 | 09/23/1999 12:42 | |
| Xylene(s) | 1600 | 100 | ug/L | 200.00 | 09/23/1999 12:42 | |
| MTBE | ND | 1000 | ug/L | 200.00 | 09/23/1999 12:42 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 96.5 | 58-124 | % | 1.00 | 09/23/1999 12:42 | |
| 4-Bromofluorobenzene-FID | 91.7 | 50-150 | % | 1.00 | 09/23/1999 12:42 | |

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: MW-3 | Lab Sample ID: 1999-09-0253-003 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/27/1999 10:07 |
| Matrix: Water | QC-Batch: 1999/09/27-01.03 |

| Compound | Result | Rep.Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|-----------|-------|----------|------------------|------|
| Gasoline | 8700 | 1000 | ug/L | 20.00 | 09/27/1999 10:07 | |
| Benzene | 2100 | 10 | ug/L | 20.00 | 09/27/1999 10:07 | |
| Toluene | 71 | 10 | ug/L | 20.00 | 09/27/1999 10:07 | |
| Ethyl benzene | 110 | 10 | ug/L | 20.00 | 09/27/1999 10:07 | |
| Xylene(s) | 66 | 10 | ug/L | 20.00 | 09/27/1999 10:07 | |
| MTBE | ND | 100 | ug/L | 20.00 | 09/27/1999 10:07 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 91.0 | 58-124 | % | 1.00 | 09/27/1999 10:07 | |
| 4-Bromofluorobenzene-FID | 124.8 | 50-150 | % | 1.00 | 09/27/1999 10:07 | |

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: TMW-4 | Lab Sample ID: 1999-09-0253-004 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/23/1999 20:51 |
| Matrix: Water | QC-Batch: 1999/09/23-01.01 |

| Compound | Result | Rep. Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|------------|-------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 09/23/1999 20:51 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 09/23/1999 20:51 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 09/23/1999 20:51 | |
| Ethyl benzene | ND | 0.50 | ug/L | 1.00 | 09/23/1999 20:51 | |
| Xylene(s) | ND | 0.50 | ug/L | 1.00 | 09/23/1999 20:51 | |
| MTBE | ND | 5.0 | ug/L | 1.00 | 09/23/1999 20:51 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 100.3 | 58-124 | % | 1.00 | 09/23/1999 20:51 | |
| 4-Bromofluorobenzene-FID | 82.2 | 50-150 | % | 1.00 | 09/23/1999 20:51 | |

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: TMW-5 | Lab Sample ID: 1999-09-0253-005 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/23/1999 16:39 |
| Matrix: Water | QC-Batch: 1999/09/23-01.01 |

| Compound | Result | Rep.Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|-----------|-------|----------|------------------|------|
| Gasoline | 37000 | 10000 | ug/L | 200.00 | 09/23/1999 16:39 | |
| Benzene | 7300 | 100 | ug/L | 200.00 | 09/23/1999 16:39 | |
| Toluene | 400 | 100 | ug/L | 200.00 | 09/23/1999 16:39 | |
| Ethyl benzene | 2400 | 100 | ug/L | 200.00 | 09/23/1999 16:39 | |
| Xylene(s) | 6000 | 100 | ug/L | 200.00 | 09/23/1999 16:39 | |
| MTBE | ND | 1000 | ug/L | 200.00 | 09/23/1999 16:39 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 122.3 | 58-124 | % | 1.00 | 09/23/1999 16:39 | |
| 4-Bromofluorobenzene-FID | 98.7 | 50-150 | % | 1.00 | 09/23/1999 16:39 | |

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Gas/BTEX and MTBE

| | |
|---|--|
| Sample ID: TMW-6 | Lab Sample ID: 1999-09-0253-006 |
| Project: 267-091599 Credit World / Oakland | Received: 09/16/1999 14:15 |
| Sampled: 09/15/1999 | Extracted: 09/23/1999 17:07 |
| Matrix: Water | QC-Batch: 1999/09/23-01.01 |

| Compound | Result | Rep.Limit | Units | Dilution | Analyzed | Flag |
|--------------------------|--------|-----------|-------|----------|------------------|------|
| Gasoline | 33000 | 10000 | ug/L | 200.00 | 09/23/1999 17:07 | |
| Benzene | 6200 | 100 | ug/L | 200.00 | 09/23/1999 17:07 | |
| Toluene | 300 | 100 | ug/L | 200.00 | 09/23/1999 17:07 | |
| Ethyl benzene | 2000 | 100 | ug/L | 200.00 | 09/23/1999 17:07 | |
| Xylene(s) | 4800 | 100 | ug/L | 200.00 | 09/23/1999 17:07 | |
| MTBE | ND | 1000 | ug/L | 200.00 | 09/23/1999 17:07 | |
| Surrogate(s) | | | | | | |
| Trifluorotoluene | 98.9 | 58-124 | % | 1.00 | 09/23/1999 17:07 | |
| 4-Bromofluorobenzene-FID | 86.2 | 50-150 | % | 1.00 | 09/23/1999 17:07 | |

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

| | | |
|--------------------------|--------------|------------------------------------|
| Method Blank | Water | QC Batch # 1999/09/23-01.01 |
| MB: 1999/09/23-01.01-001 | | Date Extracted: 09/23/1999 03:38 |

| Compound | Result | Rep.Limit | Units | Analyzed | Flag |
|--------------------------|--------|-----------|-------|------------------|------|
| Gasoline | ND | 50 | ug/L | 09/23/1999 03:38 | |
| Benzene | ND | 0.5 | ug/L | 09/23/1999 03:38 | |
| Toluene | ND | 0.5 | ug/L | 09/23/1999 03:38 | |
| Ethyl benzene | ND | 0.5 | ug/L | 09/23/1999 03:38 | |
| Xylene(s) | ND | 0.5 | ug/L | 09/23/1999 03:38 | |
| MTBE | ND | 5.0 | ug/L | 09/23/1999 03:38 | |
| Surrogate(s) | | | | | |
| Trifluorotoluene | 89.0 | 58-124 | % | 09/23/1999 03:38 | |
| 4-Bromofluorobenzene-FID | 80.6 | 50-150 | % | 09/23/1999 03:38 | |

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn.: Jeff Farhooman

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

| | | |
|--------------------------|-------|----------------------------------|
| Method Blank | Water | QC Batch # 1999/09/27-01.03 |
| MB: 1999/09/27-01.03-001 | | Date Extracted: 09/27/1999 06:48 |

| Compound | Result | Rep.Limit | Units | Analyzed | Flag |
|--------------------------|--------|-----------|-------|------------------|------|
| Gasoline | ND | 50 | ug/L | 09/27/1999 06:48 | |
| Benzene | ND | 0.5 | ug/L | 09/27/1999 06:48 | |
| Toluene | ND | 0.5 | ug/L | 09/27/1999 06:48 | |
| Ethyl benzene | ND | 0.5 | ug/L | 09/27/1999 06:48 | |
| Xylene(s) | ND | 0.5 | ug/L | 09/27/1999 06:48 | |
| MTBE | ND | 5.0 | ug/L | 09/27/1999 06:48 | |
| Surrogate(s) | | | | | |
| Trifluorotoluene | 102.8 | 58-124 | % | 09/27/1999 06:48 | |
| 4-Bromofluorobenzene-FID | 115.6 | 50-150 | % | 09/27/1999 06:48 | |

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn: Jeff Farhooman

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 1999/09/23-01.01

LCS: 1999/09/23-01.01-002

Extracted: 09/23/1999 04:05

Analyzed: 09/23/1999 04:05

LCSD: 1999/09/23-01.01-003

Extracted: 09/23/1999 04:33

Analyzed: 09/23/1999 04:33

| Compound | Conc. [ug/L] | | Exp. Conc. [ug/L] | | Recovery [%] | | RPD [%] | Ctrl. Limits [%] | | Flags | |
|-------------------------|--------------|------|-------------------|-------|--------------|-------|---------|------------------|-----|-------|------|
| | LCS | LCSD | LCS | LCSD | LCS | LCSD | | Recovery | RPD | LCS | LCSD |
| Gasoline | 494 | 528 | 500 | 500 | 98.8 | 105.6 | 6.7 | 75-125 | 20 | | |
| Benzene | 98.9 | 99.4 | 100.0 | 100.0 | 98.9 | 99.4 | 0.5 | 77-123 | 20 | | |
| Toluene | 99.2 | 98.2 | 100.0 | 100.0 | 99.2 | 98.2 | 1.0 | 78-122 | 20 | | |
| Ethyl benzene | 96.1 | 96.9 | 100.0 | 100.0 | 96.1 | 96.9 | 0.8 | 70-130 | 20 | | |
| Xylene(s) | 285 | 289 | 300 | 300 | 95.0 | 96.3 | 1.4 | 75-125 | 20 | | |
| Surrogate(s) | | | | | | | | | | | |
| Trifluorotoluene | 507 | 495 | 500 | 500 | 101.4 | 99.0 | | 58-124 | | | |
| 4-Bromofluorobenzene-FI | 509 | 523 | 500 | 500 | 101.8 | 104.6 | | 50-150 | | | |

1220 Quarry Lane * Pleasanton, CA 94586-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0253

To: Tank Protect Engineering

Test Method: 8020
8015M

Attn: Jeff Farhooman

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

| Laboratory Control Spike (LCS/LCSD) | Water | QC Batch # 1999/09/27-01.03 |
|-------------------------------------|-----------------------------|-----------------------------|
| LCS: 1999/09/27-01.03-002 | Extracted: 09/27/1999 09:05 | Analyzed: 09/27/1999 09:05 |
| LCSD: 1999/09/27-01.03-003 | Extracted: 09/27/1999 07:42 | Analyzed: 09/27/1999 07:42 |

| Compound | Conc. [ug/L] | | Exp. Conc. [ug/L] | | Recovery [%] | | RPD [%] | Ctrl. Limits [%] | | Flags | |
|-------------------------|----------------|------|---------------------|-------|--------------|-------|---------|------------------|-----|-------|------|
| | LCS | LCSD | LCS | LCSD | LCS | LCSD | | Recovery | RPD | LCS | LCSD |
| Gasoline | 548 | 546 | 500 | 500 | 109.6 | 109.2 | 0.4 | 75-125 | 20 | | |
| Benzene | 87.1 | 97.5 | 100.0 | 100.0 | 87.1 | 97.5 | 11.3 | 77-123 | 20 | | |
| Toluene | 93.8 | 99.6 | 100.0 | 100.0 | 93.8 | 99.6 | 6.0 | 78-122 | 20 | | |
| Ethyl benzene | 93.3 | 95.1 | 100.0 | 100.0 | 93.3 | 95.1 | 1.9 | 70-130 | 20 | | |
| Xylene(s) | 284 | 289 | 300 | 300 | 94.7 | 96.3 | 1.7 | 75-125 | 20 | | |
| Surrogate(s) | | | | | | | | | | | |
| Trifluorotoluene | 451 | 448 | 500 | 500 | 90.2 | 89.6 | | 58-124 | | | |
| 4-Bromofluorobenzene-FI | 539 | 590 | 500 | 500 | 107.8 | 118.0 | | 50-150 | | | |

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

ANALYSIS REPORT

COMPANY Tank Protect Engineering
 ADDRESS 2821 Whipple
Vallejo City, CA

SAMPLERS (SIGNATURE) [Signature] (PHONE NO.) (510) 424-8088
 (FAX NO.) (510) 424-8029

| SAMPLE ID. | DATE | TIME | MATRIX | PRESERV. | TPH - Gasoline (EPA 5030, 8015) | TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020) ± MIBE | TPH - Diesel, TEPH (EPA 3510/3550, 8015) | PURGEABLE AROMATICS BTEX (EPA 602, 8020) | PURGEABLE HALOCARBONS (EPA 601, 8010) | VOLATILE ORGANICS (EPA 624, 8240, 524.2) | BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525) | TOTAL OIL & GREASE (EPA 5520, B+F, E+F) | PCB (EPA 608, 8080) | PESTICIDES (EPA 608, 8080) | TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1) | LUFT METALS: Cd, Cr, Pb, Zn, Ni | CAM METALS (17) | PRIORITY POLLUTANT METALS (13) | TOTAL LEAD | EXTRACTION (TCLP, STLC) | |
|------------|------------|------|--------|----------|---------------------------------|---|--|--|---------------------------------------|--|---|---|---------------------|----------------------------|--|---------------------------------|-----------------|--------------------------------|------------|-------------------------|--|
| MW-1 | 15 Sept 99 | | WATER | None | | X | | | | | | | | | | | | | | | |
| MW-2 | | | | | | X | | | | | | | | | | | | | | | |
| MW-3 | | | | | | X | | | | | | | | | | | | | | | |
| TMW-4 | | | | | | X | | | | | | | | | | | | | | | |
| TMW-5 | | | | | | X | | | | | | | | | | | | | | | |
| TMW-6 | | | | | | X | | | | | | | | | | | | | | | |

PROJECT INFORMATION

PROJECT NAME Coast World / Oakland
 PROJECT NUMBER 267-091549
 P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS
 HEAD SPACE
 REC'D GOOD CONDITION/COLD
 CONFORMS TO RECORD

| | | | | | |
|-----|----------------|----|----|----|-------|
| TAT | STANDARD 5-DAY | 24 | 48 | 72 | OTHER |
|-----|----------------|----|----|----|-------|

SPECIAL INSTRUCTIONS/COMMENTS:
 Add MIBE to w/BTEX analysis
 FAZ 2/22/99 to TPE & to (510) 223-6488

RELINQUISHED BY
[Signature] 1155 (TIME)
Ronik Pappas 9/16/99 (DATE)
 Tank Protect Eng (COMPANY)

RECEIVED BY
[Signature] 1155 (TIME)
B. Morrison 9/16/99 (DATE)
Wronall (COMPANY)

RELINQUISHED BY
[Signature] 1330 (TIME)
G Cook 9/16/99 (DATE)
 CL (COMPANY)

RECEIVED BY
[Signature] 1330 (TIME)
G Cook 9/16/99 (DATE)
 Chromalab (COMPANY)

RELINQUISHED BY
[Signature] 1330 (TIME)
B. Morrison 9/16/99 (DATE)
 Chromalab (COMPANY)

RECEIVED BY (LABORATORY)
[Signature] 1415 (TIME)
D. Harrington 9/16/99 (DATE)
 Chromalab (LAB)