



November 30, 1992

Mr. Kenneth Kan
Chevron U.S.A. Products Company
Post Office Box 5004
San Ramon, California 94583-0804

92 DEC -9 2:12:40

31-0299

Subject: Quarterly Ground Water Monitoring Report
Chevron Station No. 9-3356
19201 Center Street,
Castro Valley, California

Dear Mr. Kan:

In accordance with our agreement, Alton Geoscience transmits this Quarterly Ground Water Monitoring and Sampling Report for Chevron Station No. 9-3356, located at 19201 Center Street, Castro Valley, California. Figure 1 shows the site location.

Monitoring and sampling of the ground water monitoring wells were performed on October 14, 1992, in accordance with the requirements and procedures of the California Regional Water Quality Control Board (RWQCB) and local regulatory agencies.

FIELD PROCEDURES

Prior to purging and sampling the wells, each well was checked for liquid-phase hydrocarbons or sheen. The depth to ground water and, if present, free product in each well was measured from the top of casing using an electronic interface probe with 0.01 foot tolerance.

Ground water analytical samples were collected using a clean bailer after more than 3 casing volumes of ground water were purged from each well. Ground water samples were then decanted into the appropriate clean sample containers for delivery to a California-certified laboratory following proper preservation and chain of custody procedures. Purged ground water was transferred to a 600-gallon, trailer-mounted, steel tank (California Department of Health Services-registered), and hauled, as non-hazardous, to the Chevron Richmond Terminal for treatment.

Mr. Kenneth Kan
November 30, 1992
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SAMPLING AND ANALYTICAL RESULTS

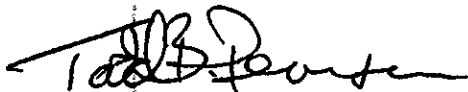
The results of the monitoring and laboratory analyses of the ground water samples for this quarter, as well as the results of previous monitoring and sampling events, are summarized in Table 1. Based on the previous wellhead elevation survey data and depth to water measurements collected during this monitoring event, ground water elevations and the general ground water gradient direction at this site are presented in Figure 2.

No liquid-phase hydrocarbons or sheen were observed in any of the ground water samples. The official laboratory reports and chain of custody records are included in Appendix A.

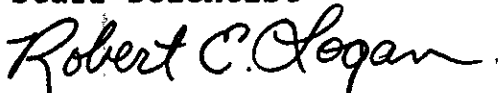
Please call Todd B. Pearson at (510) 734-8134 if you have any questions concerning this report.

Sincerely,

ALTON GEOSCIENCE,

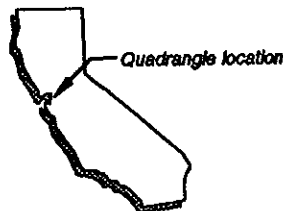


Todd B. Pearson
Staff Scientist



Robert E. Logan R.G. 5088
Manager, Northern California Operations

wp93356tp



Source: U.S.G.S. Map
Hayward Quadrangle
California
7.5 Minute Series

SITE VICINITY MAP

Chevron Service Station
No.9-3356
19201 Center Street
Castro Valley, California







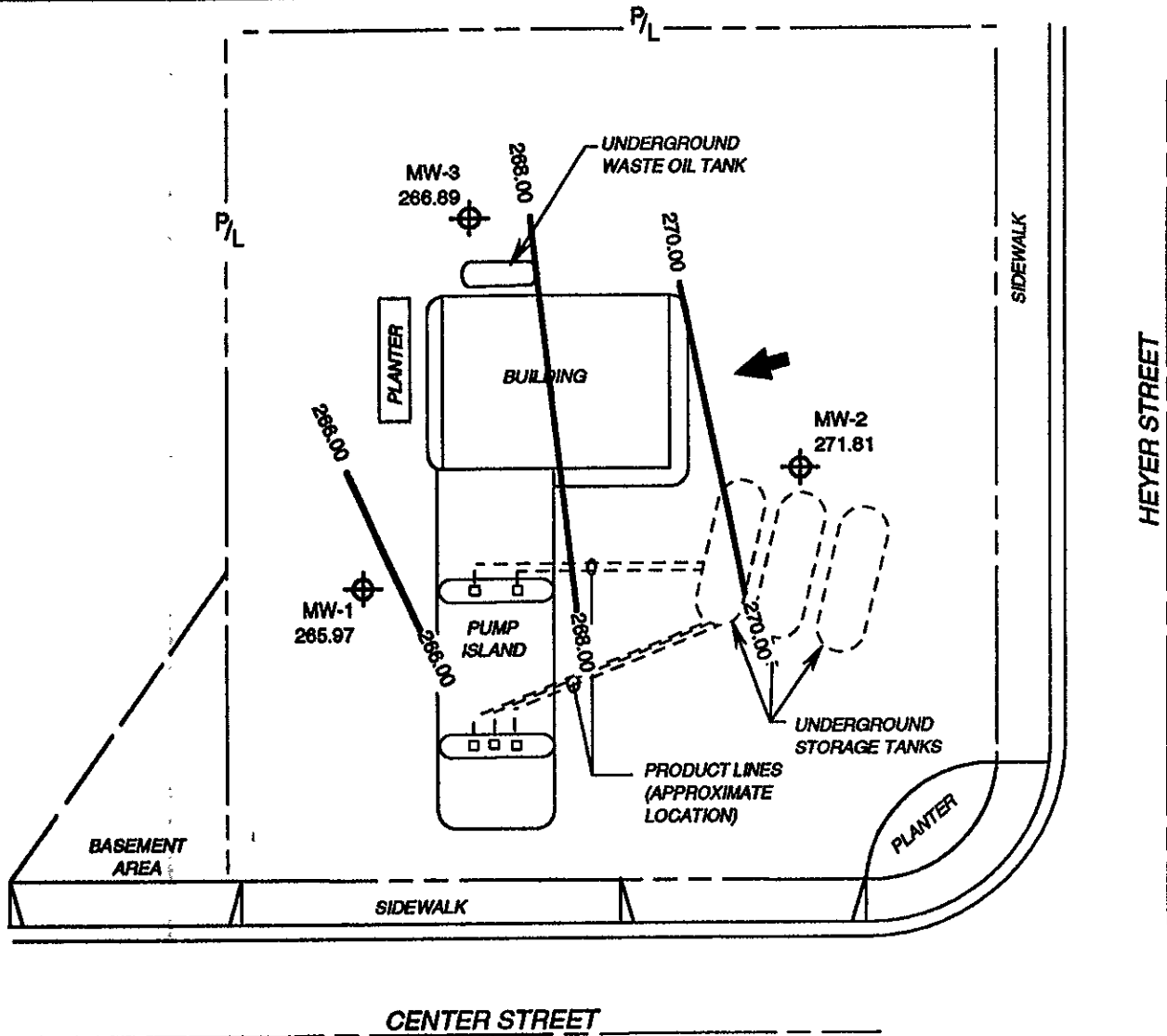
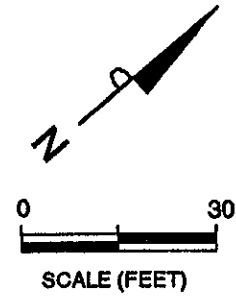
ALTON GEOSCIENCE
Pleasanton, California

Project No. 31-0299

FIGURE 1

LEGEND

-  MW-3 Ground water monitoring well
- 266.89 Ground water elevation in feet above mean sea level [NVD-1929]
-  Ground water elevation contour line
-  General direction of ground water gradient
-  P₁L Property line



NOTES:
 Contour lines are interpretive based on fluid levels collected October 14, 1992.
 Contour interval = 2.0 feet.

GROUND WATER ELEVATION CONTOUR MAP
 October 14, 1992

Chevron Station No. 9-3356
 19201 Center Street
 Castro Valley, California

FIGURE 2



Source: Chevron U.S.A.

Table 1
 Summary of Results of Ground Water Sampling
 Chevron Service Station No. 9-3356
 19201 Center Street, Castro Valley, California

Concentrations in parts per billion (ppb)

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION | DEPTH TO WATER | GROUND WATER ELEVATION | TPH-G | HVOC | TOG | B | T | E | X | ORG-Pb | LAB |
|---------|---------------------------------|------------------|----------------|------------------------|--------|------|-----|--------|--------|--------|--------|--------|------|
| MW-1 | 09/06/89 | 285.22 | 18.25 | 266.97 | ND<1.0 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<50 | GTEL |
| MW-1 | 09/12/89 | 285.22 | 18.39 | 266.83 | --- | --- | --- | --- | --- | --- | --- | --- | NA |
| MW-1 | 11/20/89 | 285.22 | 18.06 | 267.16 | ND<500 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-1 | 02/22/90 | 285.22 | 18.04 | 267.18 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-1 | 05/29/90 | 285.22 | 18.55 | 266.67 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-1 | 09/27/90 | 285.22 | 19.13 | 266.09 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | --- | GTEL |
| MW-1 | 01/16/91 | 285.22 | 19.32 | 265.90 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1 | 09/19/91 | 285.22 | 19.36 | 265.86 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1 | 01/23/92 | 285.22 | 19.81 | 265.41 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1D | 01/23/92 | 285.22 | 19.81 | 265.41 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1 | 04/15/92 | 285.22 | 18.04 | 267.18 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1 | 07/22/92 | 285.22 | 18.75 | 266.47 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-1 | 10/14/92 | 285.22 | 19.25 | 265.97 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2 | 09/06/89 | 286.16 | 13.72 | 272.44 | 23 | --- | --- | --- | 4 | 1 | 4 | ND<50 | GTEL |
| MW-2 | 09/12/89 | 286.16 | 13.97 | 272.19 | --- | --- | --- | --- | --- | --- | --- | --- | NA |
| MW-2 | 11/20/89 | 286.16 | 13.81 | 272.35 | ND<500 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-2 | 02/22/90 | 286.16 | 13.68 | 272.48 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-2 | 05/29/90 | 286.16 | 13.92 | 272.24 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-2 | 09/27/90 | 286.16 | 14.75 | 271.41 | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | --- | GTEL |
| MW-2 | 01/16/91 | 286.16 | 14.44 | 271.72 | ND<50 | --- | --- | 9 | ND<0.5 | ND<0.5 | 2 | --- | SAL |
| MW-2 | 09/19/91 | 286.16 | 14.46 | 271.70 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2D | 09/19/91 | 286.16 | 14.46 | 271.70 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2 | 01/23/92 | 286.16 | 14.73 | 271.43 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2 | 04/15/92 | 286.16 | 13.03 | 273.13 | ND<50 | --- | --- | 0.9 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2 | 07/22/92 | 286.16 | 13.83 | 272.33 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-2 | 10/14/92 | 286.16 | 14.35 | 271.81 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |

Table 1
 Summary of Results of Ground Water Sampling
 Chevron Service Station No. 9-3356
 19201 Center Street, Castro Valley, California

Concentrations in parts per billion (ppb)

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION | DEPTH TO WATER | GROUND WATER ELEVATION | TPH-G | HVOC | TOG | B | T | E | X | ORG-Pb | LAB |
|---------|------------------------------|------------------|----------------|------------------------|--------|------|---------|--------|--------|--------|--------|--------|------|
| MW-3 | 09/06/89 | 284.46 | 18.73 | 265.73 | ND<1.0 | ND* | 1000 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<50 | GTEL |
| MW-3 | 09/12/89 | 284.46 | 17.78 | 266.68 | --- | --- | --- | --- | --- | --- | --- | --- | NA |
| MW-3 | 11/20/89 | 284.46 | 17.65 | 266.81 | ND<500 | ND* | ND<1000 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-3 | 02/22/90 | 284.46 | 16.84 | 267.62 | ND<50 | ND* | ND<1000 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.6 | ND<50 | GTEL |
| MW-3 | 05/29/90 | 284.46 | 17.13 | 267.33 | ND<50 | ND* | ND<1000 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | ND<50 | GTEL |
| MW-3 | 09/27/90 | 284.46 | 18.38 | 266.08 | ND<50 | ND* | --- | ND<5 | ND<5 | ND<5 | ND<5 | --- | GTEL |
| MW-3D | 09/27/90 | 284.46 | 18.38 | 266.08 | ND<50 | --- | ND<1000 | --- | --- | --- | --- | --- | GTEL |
| MW-3 | 01/16/91 | 284.46 | 18.28 | 266.18 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3D | 01/16/91 | 284.46 | 18.28 | 266.18 | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3 | 09/19/91 | 284.46 | 17.62 | 266.84 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3 | 01/23/92 | 284.46 | 17.62 | 266.84 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3 | 04/15/92 | 284.46 | 15.22 | 269.24 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3 | 07/22/92 | 284.46 | 16.66 | 267.80 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| MW-3 | 10/14/92 | 284.46 | 17.57 | 266.89 | ND<50 | ND* | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 11/20/89 | NA | NA | NA | ND<500 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | --- | GTEL |
| TB | 02/22/90 | NA | NA | NA | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | --- | GTEL |
| TB | 05/29/90 | NA | NA | NA | ND<50 | --- | --- | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | --- | GTEL |
| TB | 09/27/90 | NA | NA | NA | ND<50 | --- | --- | --- | --- | --- | --- | --- | GTEL |
| TB | 01/16/91 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 09/19/91 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 01/23/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 04/15/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 07/22/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| TB | 10/14/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |

31-0299

Table 1
 Summary of Results of Ground Water Sampling
 Chevron Service Station No. 9-3356
 19201 Center Street, Castro Valley, California

Concentrations in parts per billion (ppb)

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION | DEPTH TO WATER | GROUND WATER ELEVATION | TPH-G | HVOC | TOG | B | T | E | X | ORG-Pb | LAB |
|---------|---------------------------------|------------------|----------------|------------------------|-------|------|-----|--------|--------|--------|--------|--------|------|
| RINSATE | 09/27/90 | NA | NA | NA | ND<50 | --- | --- | --- | --- | --- | --- | --- | GTEL |
| RINSATE | 01/16/91 | NA | NA | NA | --- | --- | --- | --- | --- | --- | --- | --- | NA |
| RINSATE | 09/19/91 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| RINSATE | 01/23/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| RINSATE | 04/15/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| RINSATE | 07/22/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |
| RINSATE | 10/14/92 | NA | NA | NA | ND<50 | --- | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | SAL |

EXPLANATION OF ABBREVIATIONS:

| | | | |
|--------|--|------|---|
| TPH-G | :Total Petroleum Hydrocarbons as Gasoline (EPA method 8015 modified) | --- | :Not Analyzed/Not Measured |
| HVOC | :Halogenated Volatile Organic Compounds (EPA method 8010) | NA | :Not Applicable/Not Available |
| TOG | :Total Oil and Grease (EPA method 503D & 503E) | ND | :Not Detected |
| B | :Benzene (EPA method 8020 or 8240) | ND* | :See laboratory reports for various detection limits. |
| T | :Toluene (EPA method 8020 or 8240) | TB | :Trip Blank |
| E | :Ethylbenzene (EPA method 8020 or 8240) | D | :Duplicate |
| X | :Xylenes (EPA method 8020 or 8240) | GTEL | :GTEL Analytical Laboratory |
| ORG-Pb | :Organic Lead | SAL | :Superior Analytical Laboratory |

Note: Top of casing and ground water elevations are expressed as feet above mean sea level (NGVD-1929).

APPENDIX A

**OFFICIAL LABORATORY RESULTS
AND
CHAIN OF CUSTODY FORMS**



Alton Geoscience
Attn: TODD PEARSON

Project 31-0299
Reported 30-October-1992

EPA METHOD 8010

Sample preparation by Purge and Trap (EPA SW-846 Method 5030) and Chromatographic analysis using an electrolytic conductivity detector (EPA SW-846 Method 8010).

Chronology

Laboratory Number 86923

| Identification | Sampled | Received | Extracted | Analyzed | Run # | Lab # |
|----------------|----------|----------|-----------|----------|-------|-------|
| MW-3 | 10/14/92 | 10/15/92 | / / | 10/23/92 | | 5 |



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Alton Geoscience
Attn: TODD PEARSON

Project 31-0299
Reported 30-October-1992

EPA METHOD 8010

| Laboratory Number | Sample Identification | Matrix |
|-------------------|-----------------------|--------|
| 86923- 5 | MW-3 | |

RESULTS OF ANALYSIS

Laboratory Number: 86923- 5

| | |
|-------------------------|--------|
| Chloromethane: | ND<0.5 |
| Vinyl Chloride: | ND<0.5 |
| Bromomethane: | ND<0.5 |
| Chloroethane: | ND<0.5 |
| Trichlorofluoromethane: | ND<0.5 |
| 1,1-Dichloroethene: | ND<0.5 |
| Dichloromethane: | ND<0.5 |
| c-1,2-Dichloroethene: | ND<0.5 |
| 1,1-Dichloroethane: | ND<0.5 |
| t-1,2-Dichloroethene: | ND<0.5 |
| Chloroform: | ND<0.5 |
| 1,1,1-Trichloroethane: | ND<0.5 |
| Carbon tetrachloride: | ND<0.5 |
| 1,2-Dichloroethane: | ND<0.5 |
| Trichloroethene: | ND<0.5 |
| 1,2-Dichloropropane: | ND<0.5 |
| Bromodichloromethane: | ND<0.5 |
| c-1,3-Dichloropropene: | ND<0.5 |
| t-1,3-Dichloropropene: | ND<0.5 |
| 1,1,2-Trichloroethane: | ND<0.5 |
| Tetrachloroethene: | ND<0.5 |
| Dibromochloromethane: | ND<0.5 |
| Chlorobenzene: | ND<0.5 |
| Bromoform: | ND<0.5 |
| 1,1,2,2-Tetracl-ethane: | ND<0.5 |
| 1,3-Dichlorobenzene: | ND<0.5 |
| 1,4-Dichlorobenzene: | ND<0.5 |
| 1,2-Dichlorobenzene: | ND<0.5 |

Concentration: ug/L

4-Chlorotoluene: 97%

NOV 04 1992



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

EPA METHOD 8010
Quality Assurance and Control Data - Water
Laboratory Number 86923

| Compound | Method Blank (ug/L) | PQL (ug/L) | Average Spike Recovery (%) | Limits (%) | RPD (%) | Spike Level (ug/L) |
|-------------------------|---------------------|------------|----------------------------|------------|---------|--------------------|
| Chloromethane: | ND<0.5 | 0.5 | | | | |
| Vinyl Chloride: | ND<0.5 | 0.5 | | | | |
| Bromomethane: | ND<0.5 | 0.5 | | | | |
| Chloroethane: | ND<0.5 | 0.5 | | | | |
| Trichlorofluoromethane: | ND<0.5 | 0.5 | | | | |
| 1,1-Dichloroethene: | ND<0.5 | 0.5 | 104% | | 1% | 20 |
| Dichloromethane: | ND<0.5 | 0.5 | | | | |
| c-1,2-Dichloroethene: | ND<0.5 | 0.5 | | | | |
| 1,1-Dichloroethane: | ND<0.5 | 0.5 | | | | |
| t-1,2-Dichloroethene: | ND<0.5 | 0.5 | | | | |
| Chloroform: | ND<0.5 | 0.5 | | | | |
| 1,1,1-Trichloroethane: | ND<0.5 | 0.5 | | | | |
| Carbon tetrachloride: | ND<0.5 | 0.5 | | | | |
| 1,2-Dichloroethane: | ND<0.5 | 0.5 | | | | |
| Trichloroethene: | ND<0.5 | 0.5 | 88% | | 0% | 20 |
| 1,2-Dichloropropane: | ND<0.5 | 0.5 | | | | |
| Bromodichloromethane: | ND<0.5 | 0.5 | | | | |
| c-1,3-Dichloropropene: | ND<0.5 | 0.5 | | | | |
| t-1,3-Dichloropropene: | ND<0.5 | 0.5 | | | | |
| 1,1,2-Trichloroethane: | ND<0.5 | 0.5 | | | | |
| Tetrachloroethene: | ND<0.5 | 0.5 | | | | |
| Dibromochloromethane: | ND<0.5 | 0.5 | | | | |
| Chlorobenzene: | ND<0.5 | 0.5 | 98% | | 1% | 20 |
| Bromoform: | ND<0.5 | 0.5 | | | | |
| 1,1,2,2-Tetracl-ethane: | ND<0.5 | 0.5 | | | | |
| 1,3-Dichlorobenzene: | ND<0.5 | 0.5 | | | | |
| 1,4-Dichlorobenzene: | ND<0.5 | 0.5 | | | | |
| 1,2-Dichlorobenzene: | ND<0.5 | 0.5 | | | | |
| Average Spike Recovery: | | | 97% | 80-120 | <1% | |

Definitions:
ND = Not Detected
PQL = Practical Quantitation Limit

Francis Salinas
Senior Analyst

QC File #86923-5



Alton Geoscience
Attn: TODD PEARSON

Project 31-0299
Reported 10/21/92

TOTAL PETROLEUM HYDROCARBONS

| Lab # | Sample Identification | Sampled | Analyzed Matrix |
|----------|-----------------------|----------|-----------------|
| 86923- 1 | TB-LB | 10/14/92 | 10/20/92 Water |
| 86923- 2 | RINS | 10/14/92 | 10/19/92 Water |
| 86923- 3 | MW-1 | 10/14/92 | 10/19/92 Water |
| 86923- 4 | MW-2 | 10/14/92 | 10/19/92 Water |
| 86923- 5 | MW-3 | 10/14/92 | 10/20/92 Water |

RESULTS OF ANALYSIS

Laboratory Number: 86923- 1 86923- 2 86923- 3 86923- 4 86923- 5

| | | | | | |
|----------------|--------|--------|--------|--------|--------|
| Gasoline: | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| Benzene: | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 |
| Toluene: | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 |
| Ethyl Benzene: | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 |
| Xylenes: | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 |
| Concentration: | ug/L | ug/L | ug/L | ug/L | ug/L |



CERTIFICATE OF ANALYSIS

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
QA/QC INFORMATION
SET: 86923

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Water: 0.5ug/L

Table with 5 columns: ANALYTE, SPIKE LEVEL, MS/MSD RECOVERY, RPD, CONTROL LIMIT. Rows include Gasoline, Benzene, Toluene, Ethyl Benzene, and Xylenes.

Richard Srna, Ph.D.

Handwritten signature of Richard Srna, Laboratory Director

86725

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-3356
Facility Address 19201 Center Street, Castro Valley
Consultant Project Number 31-0299
Consultant Name ALTON GEOSCIENCE
Address 5870 Stoneridge Dr., #6, Pleasanton
Project Contact (Name) Todd Pearson
(Phone) (510) 734-8134 (Fax Number) (510) 734-8420

Chevron Contact (Name) Ken Kan
(Phone) (510) 842-9500
Laboratory Name Superior Analytical
Laboratory Release Number 6827860
Samples Collected by (Name) Jon Vail **NOV 04 1992**
Collection Date 10/14/92
Signature [Signature]

| Sample Number | Lab Sample Number | Number of Containers | Matrix | | Time | Sample Preservation | Iod (Yes or No) | Analytes To Be Performed | | | | | | | | | | | Remarks | | | | | |
|---------------|-------------------|----------------------|----------|-----------|------|---------------------|-----------------|--------------------------|--------------|------|----------|---------------|--------------|------------------------------|-------------------|-----------------------|------------------------------|----------------------------|---------|---------------------------|-----------------------------|--|--|--|
| | | | S = Soil | W = Water | | | | A = Air | C = Charcoal | Type | G = Grab | C = Composite | D = Discrete | BTEX + TPH GAS (8020 + 8015) | TPH Diesel (8015) | Oil and Grease (5520) | Purgeable Halocarbons (8010) | Purgeable Aromatics (8020) | | Purgeable Organics (8240) | Extractable Organics (8270) | Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA) | | |
| TB-LB | | 1 | W | G | 0904 | HCl | Y | X | | | | | | | | | | | | | | | Do Not Bill Chevron For TB-LB Analyze | |
| RINS | | 2 | W | G | 1306 | | Y | X | | | | | | | | | | | | | | | | |
| MW-1 | | 2 | W | G | 1308 | | Y | X | | | | | | | | | | | | | | | | |
| MW-2 | | 2 | W | G | 1315 | | Y | X | | | | | | | | | | | | | | | | |
| MW-3 | | 2 | W | G | 1245 | ✓ | Y | X | | | | X | | | | | | | | | | | | |

Please Initial: C.P.
 Samples Stored in ice: C.P.
 Appropriate containers: C.P.
 Samples preserved: C.P.
 VOA's without headspace: C.P.
 Comments: _____

| | | | | | | |
|--|--------------------------------|-----------------------------|---|--------------------------------|--------------------------------|---|
| Relinquished By (Signature) <u>[Signature]</u> | Organization <u>ALTON</u> | Date/Time _____ | Received By (Signature) <u>[Signature]</u> | Organization <u>EXPRESS IT</u> | Date/Time <u>10/15 1030</u> | Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days <u>10 Days</u> As Contracted |
| Relinquished By (Signature) <u>[Signature]</u> | Organization <u>EXPRESS IT</u> | Date/Time <u>10/15 1145</u> | Received By (Signature) <u>[Signature]</u> | Organization _____ | Date/Time _____ | |
| Relinquished By (Signature) _____ | Organization _____ | Date/Time _____ | Received For Laboratory By (Signature) <u>Charles [Signature]</u> | Organization _____ | Date/Time <u>10/15/92 1146</u> | |