R.T. NAHAS COMPANY Since 1947

REAL ESTATE DEVELOPERS AND INVESTORS

20630 PATIO DRIVE
CASTRO VALLEY, CALIFORNIA 94546
TELEPHONE (510) 538-9600
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May 2, 2001

WELL 0.7 200

Mr. Scott Seery Hazardous Materials Specialist Alameda County Health Care Services 1131 Harbor Bay Pkwy., Room 250 Oakland, CA 94502-6577

Dear Scott:

Enclosed is the March 2001 Semi-Annual Groundwater Monitoring Report

Sincerely,

Randall E. Nahas

Enclosure REN/tar

Third Semi-Annual
Groundwater Monitoring Report
(First Quarter of 2001)
Former Unocal 76 Service Station
20405 and 20629 Redwood Road
Castro Valley, California

BSK & ASSOCIATES Geotechnical Consultants, Inc.

BSK JOB NO. P92057.3

Submitted to: R.T. Nahas Company Castro Valley, California

April 25, 2001



April 25, 2001

BSK JOB NO. P92057.3

R. T. Nahas Company/Eden Managements20630 Patio DriveCastro Valley, CA 94546

Attention:

Mr. Randy T. Nahas

Subject:

Third Semi-Annual

Groundwater Monitoring Report

(First Quarter of 2001)

Former Unocal 76 Service Station 20405 and 20629 Redwood Road

Castro Valley, California

Dear Mr. Nahas:

As requested and authorized, we have performed groundwater monitoring well sampling at the above-referenced facility. This report presents the groundwater data obtained during this sampling event, conclusions based on this event's data, and recommendations for further action. The site location is shown on Figure 1, Vicinity Map. The well locations are shown on Figure 2, Site Plan.

GROUNDWATER MONITORING ACTIVITIES – MARCH 2001

General

Third semi-annual monitoring of groundwater Monitoring Wells MW-2, MW-3, MW-5, MW-6, MW-7 and MW-101(Figure 2, Site Plan) was performed on March 31, 2001. The groundwater monitoring well MW-4 was abandoned during the remediation activities carried out in 1999 by others at the Site. The semi-annual sampling schedule—with monitoring activities in the first and third quarter of each year—was requested by Mr. Scott Seery, case officer for the ACDEH, in a letter, dated November 2, 1999, addressed to the R. T. Nahas Company. Field procedures and observations are provided in the following text.

Field Work

All wells were purged using an electric submersible pump. Three to four well casing volumes of water were removed from each well. Purge effluent was field monitored for pH, temperature and conductivity during purging to assess the influx of fresh formation water

into the well. Purged water was transferred to 55-gallon, DOT-approved steel drums for holding. Each drum was labeled according to its contents, content source, and date of accumulation.

Prior to purging, the depth to water in each well was measured using a Solinst Electric Well Sounder, marked in twentieths of a foot. The water depth was then interpolated to the 0.01 foot increment from the tape. Each well was subsequently examined for floating and sinking immiscible product layers and sheen, using a clear bailer having dual check valves for point-source sampling. The piezometric contour and elevation, and well water elevations, are presented in Figure 3, Groundwater Elevation Contour Map.

Upon purge completion, each well was again measured to confirm a minimum of 80% well recovery prior to sampling. Water sampling was then performed with a Teflon® point-source bailer. Sampling for contaminants was performed in the order of decreasing contaminant volatility. Each water sample was decanted into the appropriate container with preservative (as necessary), sealed, labeled and refrigerated for delivery to our State-certified laboratory.

A Well Field Log was prepared for each well sampled, recording the water depth, well volume, pH, water temperature, conductivity and other data. The Well Field Logs are presented as Figures 4.1 through 4.6.

Site Hydrology

The groundwater level in all six wells was measured on March 31, 2001, in order to assess the flow direction and gradient. On that date, groundwater flow was generally to the south, with a gradient of 0.01 ft/ft (Figure 3).

Chemical Analyses

Water samples obtained from each of the wells were analyzed for constituents related to gasoline, Total Petroleum Hydrocarbons as Gasoline (TPHg), Benzene, Toluene, Ethylbenzene and Xylene (BTEX) and Methyl-t-Butyl Ether (MTBE).

The contaminants tested for are those specified by ACDEH, in their letter dated, November 2, 1999. Current and former analysis results are presented for comparison in Table 1. Records of current and past concentrations of BTEX and MTBE in the groundwater samples from MW-2 and MW-3 are graphically presented on Figures 5 and 6, respectively.



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The Chemical Test Data Sheets are presented in Appendix A along with the Project Chain-of-Custody record.

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Trace contaminant concentrations associated with gasoline (BTEX compounds) are generally at higher concentrations compared to the previous results from the September 2000 sampling event in Wells MW-2 and MW-101. Total Petroleum Hydrocarbons as Gasoline, BTEX and MTBE were not detected in Well MW-5. The Total Petroleum Hydrocarbons as Gasoline detected in well MW-7 probably represents Perchloroethane as was demonstrated in past sampling events.

MTBE was detected in Wells MW-2, MW-3, MW-6 and MW-101. The MTBE detected in well MW-2 was confirmed using EPA Method 8260 as requested by ACDEH.

Recommendations

The six groundwater monitoring wells located at the Site should be sampled on a semi-annual basis as requested by ACDEH (letter dated November 2, 1999). The next semi-annual sampling event is scheduled for September 2001.

REPORT DISTRIBUTION

Copies of this report should be submitted to the Alameda County Department of Environmental Health for their review. We are providing you with extra copies for this purpose. We understand that copies of the report may be forwarded by ACDEH to the Regional Water Quality Control Board in Oakland for their review.

Alameda County Department of Environmental Health 1181 Harbor Bay Parkway Alameda, CA 94502

LIMITATIONS

The findings and conclusions presented in this report are based on field review and observations, and from the limited testing program described in this report. This report has been prepared in accordance with generally accepted methodologies and standards of



Third Semi-Annual Groundwater Monitoring Report (First Quarter of 2001) Former Unocal 76 Service Station Castro Valley, California BSK Job No. P92057.3 April 25, 2001 Page 4

practice in the area. No other warranties, expressed or implied, are made as to the findings, conclusions and recommendations included in the report.

The findings of this report are valid as of the present. The passage of time, natural processes or human intervention on the property or adjacent property can cause changed conditions which can invalidate the findings and conclusions presented in this report.

* * *

BSK is pleased to continue to be of service to you during this project. If you have questions concerning the contents of the report, please do not hesitate to contact us.

Respectfully submitted,

BSK & Associates

Girish Agrawal, Ph.D., P.E., G.E.

girish Agrand

Senior Project Engineer

C.E. 53867, G.E. 2478

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AYE/GA:ga

(G:\DOCUMENT\ENV\Projects\NAHAS\P92057(March2001).wpd)

Distribution:

R. T. Nahas Company (4 copies)

The following are attached and complete this report:

TABLE 1 Summary of Groundwater Analysis

FIGURE 1 Vicinity Map

FIGURE 2 Site Plan

FIGURE 3 Groundwater Elevation Contour Map

FIGURES 4.1-4.6 Well Field Logs

FIGURE 5 BTEX/MTBE Concentrations in Groundwater - MW-2

FIGURE 6 BTEX/MTBE Concentrations in Groundwater - MW-3

Appendix "A" Laboratory Chemical Test Data Sheets and Project Chain-of-

Custody Record (7 sheets)



TABLE 1, SUMMARY OF GROUNDWATER ANALYSIS, Results in ug/L

| dii. | - Well - ≇ | tiesapoleisti. | Talvana | 17/4444 | NATION OF | | i inne | TOPIE | Total | EPA 601 |
|------------------|------------|----------------|------------|------------|-------------|--------------------------------------|--------|-------------|--------------|---------------|
| Sample : Date | Number | | * 1 Olucie | Benzene | Ayrenca | Ether | | | Oil & Grease | |
| Date | Number | | | ipelixelle | | | | perDieser | | |
| March | MW-2 | 22 | 1.5 | 17 | 27 | 1300 ² /1200 ³ | 1000 | | | · |
| 2001 | MW-3 | ND | ND | ND | ND | 190 | ND | _ | _ | - |
| | MW-5 | ND | ND | ND | ND | ND | ND | | | |
| | MW-6 | ND | ND | ND | ND | 440 | 130 | | _ | |
| | MW-7 | ND | ND | ND | ND | ND | 630 | | | |
| | MW-101 | 1400 | 62 | 3400 | 7700 | 970 | 34000 | | | - |
| September | MW-2 | 0.89 | ND | 1 | 0.65 | 620 | 180 | _ | _ | |
| 2000 | MW-3 | ND | ND | ND | ND | 98 | ND | _ | | _ |
| | MW-5 | ND | ND | ND | ND | ND | ND | | _ | — |
| | MW-6 | ND | ND | ND | ND | 170 | 54 | _ | _ | — |
| | MW-7 | 3 | 0.32 | 13 | 27 | ND | 770 | _ | _ | |
| | MW-101 | 1100 | 35 | 2900 | 400 | 1600 ² /1800 ³ | 12000 | | | |
| September | MW-101 | 170 | 94 | 150 | 710 | - · | 9400 | | | |
| 1995 | | | | | | | | | | |
| March | MW-2 | 14 | 0.92 | 16 | 24 | 1400 | 560 | | | |
| 2000 | MW-3 | 0.61 | ND | ND | ND | 240 | 96 | | | <u></u> |
| | MW-5 | ND | ND | ND | ND | ND | ND | _ | | - |
| | MW-6 | ND | 0.49 | ND | ND | 260 | 78 | - | | - |
| ŀ | MW-7 | 890 | ND | ND | ND | ND | ND | | | |
| | MW-101 | 2500 | 490 | 4300 | 10000 | 2400 ² /1400 ³ | 40000 | | | |
| November | MW-2 | 6.8 | 0.64 | 4.7 | 8.2 | 1200 | 360 | ' | | |
| 1997 | MW-3 | 1.7 | 1.4 | 2.3 | 8.3 | 65 | 62 | | | |
| 1 | MW-4 | ND | ND | ND | ND | ND | ND | ND | | |
| Į. | MW-5 | ND | ND | ND | ND | ND | ND | ND | | ~~ |
| | MW-6 | ND | ND | ND | ND | 9 | ND | ND | | |
| | MW-7 | | | | | | | | | |
| April | MW-2 | 23 | 1.6 | 21 | 31.4 | 1800 | 470 | | | |
| 1997 | MW-3 | 7.3 | ND | 3.3 | 5.4 | 230 | 120 | NID. | | |
| | MW-4 | ND | ND | ND | ND | ND | ND | ND | | |
| | MW-5 | ND | ND | ND | ND | ND | ND | | | |
| | MW-6 | ND | ND | ND | ND | ND | ND | * | | - |
| | MW-7 | | | | | | | | | - |



TABLE 1, SUMMARY OF GROUNDWATER ANALYSIS, Results in ug/L

| C.L. | Well | Danzana | Trabusas | Tibal | Valones | Methyl-t-Butyl | TPH | TPH | Total | EPA 601 |
|----------------|------------------|--------------------------------------|-------------|----------|---------|----------------|---------|---|-------------|---|
| Sample Date | Number | | | Benzene: | | | | ra a galaga i ing katabah katabah katabah | | |
| | the standard way | A COURT OF THE PARTY OF THE PARTY OF | services to | | | | | Dieser | | Particle State (Sec. 1) control (Sec. 1) and (Sec. 1) |
| October | MW-2 | 9.4 | 0.5 | 7.2 | 9.4 | 1400 | 180 | | | |
| 1996 | MW-3 | 3.8 | 1.5 | 2.1 | 6.8 | 55 | 79 | | | |
| : | MW-4 | ND | ND | ND | ND | ND | ND | ND | | |
| | MW-5 | ND | ND | ND | ND | ND | ND | | | |
| | MW-6 | ND | ND | ND | ND | 17 | ND | | | |
| | MW-7 | | | | | | | | | |
| April | MW-2 | 41 | 2.8 | 27 | 50 | ** | 690 | | | |
| 1996 | MW-3 | 8.4 | 1.6 | 4.7 | 14 | | 170 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | | |
| | MW-5 | ND | ND | ND | ND | | ND | 20 | | - |
| | MW-6 | 2.9 | 2.9 | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | | | | |
| October | MW-2 | 7.4 | ND | 5.1 | 5.5 | | 450 | | | |
| 1995 | MW-3 | 9 | 3.9 | 8.5 | 34 | | 340 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | | , |
| | MW-5 | ND | ND | ND | ND | | ND | | | |
| | MW-6 | ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | | | | |
| April | MW-2 | 72 | 2.8 | 47 | 22 | | 480 | | | |
| 1995 | MW-3 | 26 | 0.6 | 40 | 19 | | 450 | | | |
| April | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| 1995 | MW-5 | ND | ND | ND | ND | | ND | | | _ |
| | MW-6 | ND | ND | ND | ND | | ND | | | - |
| | MW-7 | ND | ND | ND | ND | | | | | |
| January | MW-2 | 48 | 2.8 | 15 | 27 | | 440 | | | |
| 1995 | MW-3 | 26 | 0.6 | 14 | 45 | | 250 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | 2000 | |
| October | MW-2 | 2.8 | ND | 2.9 | 1.8 | | 97 | | | 40. |
| 1994 | MW-3 | 0.9 | ND | ND | ND | | ND | | | |
| | MW-4 | ND | 36 | ND | 1.3 | | 70 | ND | ND | |
| | MW-5 | ND | 71 | 0.4 | 1.7 | · | 87 | | | |
| | MW-6 | 0.4 | 140 | 0.5 | 2.3 | | 160 | | | <u> </u> |



TABLE 1, SUMMARY OF GROUNDWATER ANALYSIS, Results in ug/L

| Sample | Well | Benzene | Toluene | Ethyl- | Xylenes | Methyl-t-But | yl TPH | TPH | Total | EPA 601 |
|---------|--------|----------|---------|---------|---------|--------------|----------|--------|----------------|-------------------------|
| Date | Number | ar carri | | Benzene | | Ether | Gasoline | Diesel | Oil & Grease | |
| July | MW-2 | 14 | 0.7 | 5.8 | 12 | | 180 | | - | - |
| 1994 | MW-3 | 7.2 | 0.4 | 1.6 | 4.6 | | . 52 | | | w= |
| | MW-4 | ND | 0.6 | ND | ND | _ | ND | 86 | ND | |
| April | MW-2 | 23 | 1.1 | 8.2 | 17 | | 270 | | | == |
| 1994 | MW-3 | 17 | 1 | 4.9 | 24 | | 62 | | | |
| | MW-4 | ND | ND | ND | 0.4 | | ND | ND | ND | |
| | MW-5 | ND | 0.4 | ND | 1 | | ND | | | == |
| | MW-6 | ND | 0.3 | ND | 0.4 | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | 360 (1) | | | *** |
| January | MW-2 | 13 | 3.4 | 4.9 | 9.2 | | 130 | | - - | - |
| 1994 | MW-3 | 5.5 | 2.1 | 2.6 | 14 | | 69 | | | - |
| | MW-7 | ND | ND | ND | ND | · | 330(1) | | | |
| October | MW-2 | 4 | ND | 2.3 | 3.1 | | 98 | | | |
| 1993 | MW-3 | 5 | ND | 0.6 | 1.2 | | ND | | | |
| | MW-4 | 0.4 | ND | ND | 0.4 | | ND | ND | ND | Tetrachloroethene 0.7 |
| | | | | | | | | | | Trichloroethene 0.9 |
| | MW-5 | ND | ND | ND | ND | | ND | | | |
| | MW-6 | ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | 0.7 | | 360 (1) | | | |
| July | MW-2 | 17 | 1.1 | 6 | 12 | | 220 | | | |
| 1993 | MW-3 | 24 | 11 | 14 | 82 | | 330 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | 1000 | _ |
| | MW-5 | ND | ND | ND | ND | | ND | | | |
| ٠, | MW-6 | ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | 680 (1) | | | |
| March | MW-2 | 110 | 32 | 67 | 28 | *** | 720 | | 4- | 1,2-Dichloroethane 0.6 |
| 1993 | MW-3 | 32 | 0.9 | 64 | 13 | | 330 | | | · |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | . ND |
| March | MW-5 | ND | ND | ND | ND | | ND | | | Tetrachloroethane 0.8 |
| 1993 | MW-6 | ND | ND | ND | ND | | ND | | | Tetrachloroethane 3.5 |
| | MW-7 | ND | ND | ND | ND | | 830 (1) | | | Tetrachloroethene 3,700 |
| | | | | | | | | | | Trichloroethene 210 |



TABLE 1, SUMMARY OF GROUNDWATER ANALYSIS, Results in ug/L

| Sample | Well | Benzene | Toluene | Ethyl- | Xylenes | Methyl-t-Butyl | TPH | TPH | Total | EPA 601 |
|----------|--------|---------|---------|---------|---------|----------------|----------|--------|--------------|------------------------------|
| Date | Number | | | Benzene | | Ether | Gasoline | Diesel | Oil & Grease | |
| January | MW-2 | 11 | 5.1 | 1.4 | 6.3 | | 170 | | 77 | |
| 1993 | MW-3 | 1.2 | 1 | 0.6 | 4.1 | · | ND | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| | MW-5 | ND | ND | ND | ND | | ND | | | |
| 1 | MW-6 | ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | 1900 (1) | | | |
| November | MW-7 | | | | | | 2700 (1) | ND | | Chlorobenzene 2.0 |
| 1992 | | | | | | | | | | Chloroform 2.0 |
| | | | | | | | | | | cis-1,2-Dichloroethene 180 |
| | | | | | | | | | | trans-1,2-Dichloroethene 1.5 |
| ļ | | | | | | | | | | Tetrachloroethene 14,000 |
| 1 | | | | | | | | | | Trichloroethene 660 |
| October | MW-2 | 2.3 | ND | 2.3 | 3 | | ND | | | |
| 1992 | MW-3 | 2.1 | ND | ND | 0.3 | | ND | | | |
| | MW-4 | ND | ND | ND | ND | | ND | 120 | ND | |
| | MW-5 | ND | 0.4 | ND | ND | | ND | | | |
| | MW-6 | ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | 3900 (1) | | | |
| July | MW-2 | 10 | ND | 0.6 | 2.3 | | 84 | | | |
| 1992 | MW-3 | 1.3 | 0.4 | ND | 1.3 | · | ND | | | |
| | MW-5 | ND | ND | ND | ND | | ND | | | |
| | MW-6 | , ND | ND | ND | ND | | ND | | | |
| | MW-7 | ND | ND | ND | ND | | 830 (1) | | | |
| April | MW-2 | 70 | 0.3 | 15 | 7 | | 300 | | | |
| 1992 | MW-3 | 1 | 0.4 | ND | 0.9 | | ND | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| April | MW-5 | ND | ND | ND | ND | | ND | | | |
| 1992 | MW-6 | ND | 0.3 | ND | ND | | ND | | | |
| | MW-7 | 0.4 | 0.3 | 0.3 | 0.9 | | 1300 (1) | | | |
| January | MW-2 | 480 | 870 | 160 | 860 | | 5200 | | | |
| 1992 | MW-3 | 4 | 10 | 2 | 8 | | 60 | | | |



TABLE 1, SUMMARY OF GROUNDWATER ANALYSIS, Results in ug/L

| Sample | Well | Benzene | Toluene | Ethyl- | Xylenes | Methyl-t-Butyl | TPH | TPH | Total | EPA 601 |
|------------|--------|---------|---------|---------|---------|----------------|----------|--------|--------------|-------------------------------|
| Date | Number | | | Benzene | | Ether | Gasoline | Diesel | Oil & Grease | |
| October | MW-2 | 2.9 | ND | 2.5 | 6 | | 170 | | | |
| 1991 | MW-3 | ND | ND | ND | ND | . | ND | ND | ND | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| July | MW-2 | 14 | 1 | 17 | 8 | | 220 | | | |
| 1991 | MW-3 | 14 | 14 | 33 | 8 | | 220 | | ~ *** | |
| April | MW-2 | 640 | 520 | 170 | 790 | | 4800 | | | - |
| 1991 | MW-3 | 450 | 270 | 150 | 760 | | 3600 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| January | MW-2 | 50 | 33 | 22 | 110 | | 430 | | | |
| 1991 | MW-3 | 29 | 3.3 | 9.7 | 34 | | 110 | | | |
| August | MW-2 | 21 | 3.9 | 7.2 | 28 | | 180 | | | |
| 1990 | MW-3 | 55 | 3.8 | 20 | 59 | | 290 | | | |
| | MW-4 | ND | ND | ND | ND | | ND | ND | ND | |
| Maximum | | 1 | 150 | 700 | 1750 | NA | NA | NA | NA | Chlorobenzene - NA |
| Contaminan | t | | | | | | | | | Chloroform - NA |
| Level (MCL | .) | | | | | | | | | cis-1,2-Dichloroethene 6.0 |
| | | | | | | | | | | trans-1,2-Dichloroethene 10.0 |
| | | | | | | | | | | 1,2-Dichloroethane 0.5 |
| | | | | , | | | | | | Tetrachioroethene 5.0 |
| | | | | | | | | | | Trichloroethene 5.0 |

ND = None Detected

-- = Not Analyzed

NA = Not Available

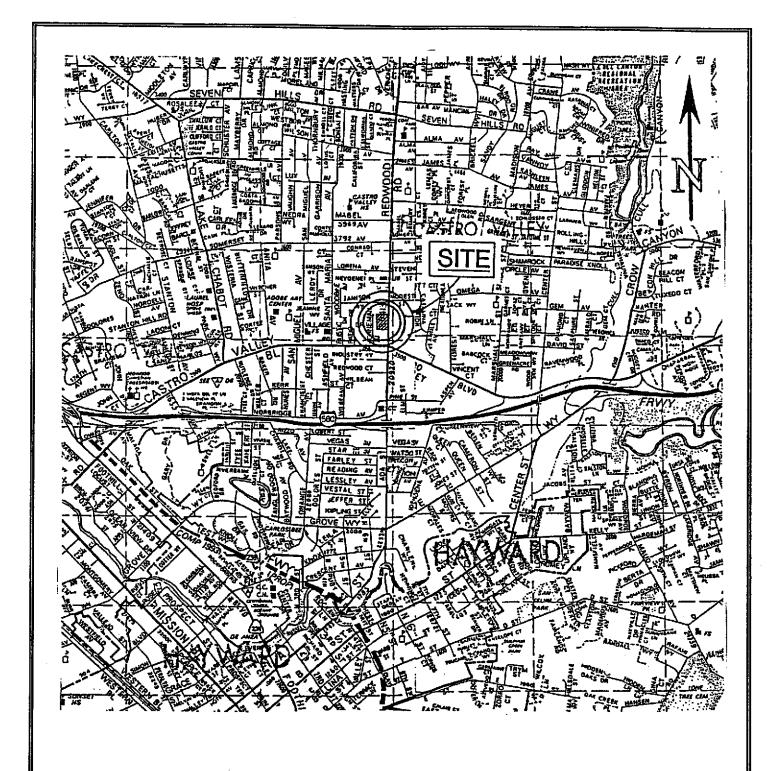
1 = TPHg values have demonstrated to represent Perchloroethane presence

2 = MTBE by EPA 8015/8020

3 = MTBE by EPA 8260

MCLs from California Code of Regulations Title 22, Article 5.5

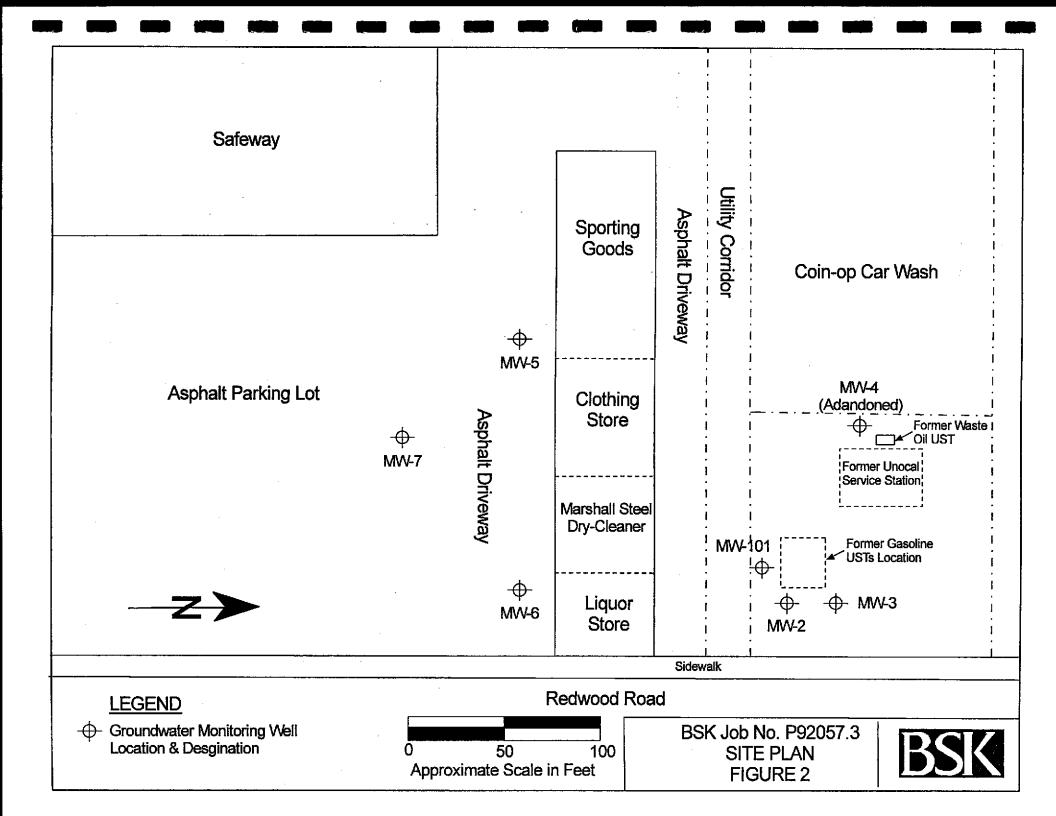


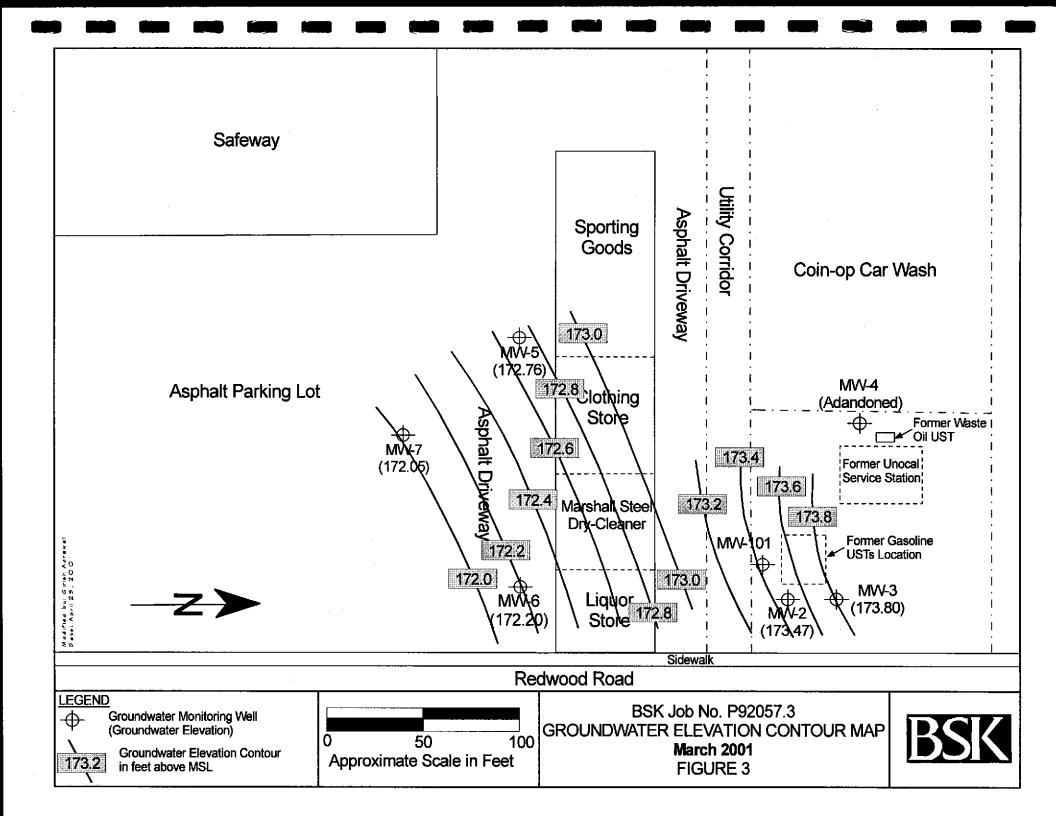


Semi-Annual Groundwater Monitoring Report Former Unocal 76 Service Station 20405 and 20629 Redwood Road Castro Valley, California

VICINITY MAP FIGURE: 1 BSK Job No. P92057.3







WELL FIELD LOG

Well Observation:

Date: 03/31/2001

Sample Collection:

Date: 03/31/2001

Project Name:

Groundwater Monitoring Nahas/Former Union 76

Location: Personnel:

FRG/JG

Weather:

Clear, Warm

WELL INFORMATION:

| Well Number | MW-2 | Date Purged | 03/311/2001 | |
|---------------------------------|---------|-------------------------------|------------------|--|
| Depth to Water - feet(TOC) | 10.00 | Purge Method | Submersible Pump | |
| Well Depth (feet) | 28.85 | | | |
| Water Volume (gallons) | 3.0 | Pirge Begin | 14:19 | |
| Reference Elevation - feet(TOC) | +183.47 | Purge End | 14:27 | |
| Groundwater Elevation (feet) | 173.47 | Purge Rate | 1.50 gpm | |
| Measurement Technique | | Solinst Electric Well Sounder | | |

IMMISCIBLE LAYERS:

Top: None Observed
Bottom: None Observed
Detection Method: Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| E THE STATE OF SERVICE B | | a ente (nomme a puller par eller) in en na Adembración de la superior. | ikusan saita sakasitu | s respektablistere | |
|--------------------------|----------------------|--|-----------------------|--------------------|------------------|
| | VOLUME | ELECTRICAL | | | |
| TIME | REMOVED (gallons) | CONDUCTIVITY (micrombos) | pĦ | TEMP. (°F) | COLOR/COMMENTS |
| 14:21 | 3.0 | 623 | 6.7 | 77 | Light brown tint |
| 14:23 | 6.0 | 611 | 6.5 | 73 | Clearing |
| 14:25 | 9.0 | 602 | 6.6 | 72 | Clearing |
| 14:27 | 12.0 | 597 | 6.6 | 72 | Clear |

SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| TIME | ANALYSIS | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
|-------|------------------|---------------------------|-----------------|
| 14:35 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCl | 11 feet |



WELL FIELD LOG

Well Observation:

Date: 03/31/2001

Sample Collection:

Date: 03/31/2001

Project Name: Groundwater Monitoring Location: Nahas/Former Union 76

Personnel: FRG/JG Weather: Clear, Warm

WELL INFORMATION:

| Well Number | MW-3 | Date Purged | 03/31/2001 | | |
|---------------------------------|-------------------------------|--------------|------------------|--|--|
| Depth to Water - feet (TOC) | 10.23 | Purge Method | Submersible Pump | | |
| Well Depth (feet) | 28.85 | | | | |
| -Water-Volume (gallons) | 3.0 | Purge Begin | 13:49 | | |
| Reference Elevation - feet(TQC) | +184.03 | Purge End | 13:57 | | |
| Groundwater Elevation (feet) | 173.80 | Purge Rate | 1.5 gpm | | |
| Measurement Technique | Solinst Electric Well Sounder | | | | |

IMMISCIBLE LAYERS:

Top: Slight Yellow Tint, No Odor

Bottom: None Observed **Detection Method:** Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| TIME | VOLUME REMOVED (gallors) | ELECTRICAL CONDUCTIVITY (micrombos) | PH | TEMP. | COLOR/COMMENTS |
|-------|--------------------------------|-------------------------------------|-----|-------|------------------|
| 13:51 | 3 | 687 | 6.7 | 73 | Light brown tint |
| 13:53 | 6 | 700 | 6.6 | 72 | Clearing |
| 13:55 | 9 | 703 | 6.6 | 71 | Clear |
| 13:57 | 12 | 705 | 6.6 | 71 | Clear |

SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| TIME | ANALYSIS | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
|-------|------------------|---------------------------|-----------------|
| 14:05 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCl | 11 feet |



WELL FIELD LOG

Well Observation: Sample Collection: Date: 03/31/2001 Date: 03/31/2001

Project Name: Groundwater Monitoring

Location:

Nahas/Former Union 76

Personnel: Weather:

FRG/JG Clear, Warm

WELL INFORMATION:

| Well Number | MW-101 | Date Purged | 03/31/2001 | | | |
|---------------------------------|-------------------------------|--------------|------------------|--|--|--|
| Depth to Water - feet(TOC) | 10.15 | Purge Method | Submersible Pump | | | |
| Well Depth (feet) | 29.0 | | | | | |
| Water Volume (gallons) | 12.5 | Purge Begin | 14:58 | | | |
| Reference Elevation - feet(TOC) | | Purge End | 15:37 | | | |
| Groundwater Elevation (feet) | _ | Purge Rate | 1.3gpm | | | |
| Measurement Technique | Solinst Electric Well Sounder | | | | | |

IMMISCIBLE LAYERS:

Top: None observed Bottom: None Observed **Detection Method:** Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| TIME | | ELECTRICAL CONDUCTIVITY (micrombos) | | TEMP. | COLOR/COMMENTS |
|-------|------|-------------------------------------|-----|-------|-----------------|
| 15:04 | 12.5 | 467 | 6.7 | 71 | Light Gray Tint |
| 15:09 | 25.0 | 484 | 6.8 | 70 | Clearing |
| 15:23 | 37.5 | 517 | 6.8 | 72 | Clearing |
| 15:37 | 50.0 | 512 | 6.8 | 70 | Clear |

SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| TE TIME | ANALYSIS | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
|---------|------------------|---------------------------|-----------------|
| 15:45 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCl | 13 feet |



WELL FIELD LOG

Well Observation:

Date: 03/31/2001 Date: 03/31/2001

Sample Collection:

Project Name: Groundwater Monitoring **Location:** Nahas/Former Union 76

Location: Personnel:

FRG/JG

Weather:

Clear, Warm

WELL INFORMATION:

| Well Number | MW-5 | Date Purged | 03/31/2001 |
|---------------------------------|---------|-----------------------|------------------|
| Depth to Water - feet(FOC) | 11.16 | Purge Method | Submersible Pump |
| Well Depth (feet) | 34.5 | | |
| Water Volume (gallons) | 3.7 | Purge Begin | 12:30 |
| Reference Elevation - feet(TOC) | +183.92 | Purge Bnd | 12:39 |
| Groundwater Elevation (feet) | 172.76 | Purge Rate | 1.8 gpm |
| Measurement Technique | | Solinst Electric Well | l Sounder |

IMMISCIBLE LAYERS:

Top: None Observed
Bottom: None Observed
Detection Method: Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| TIME | VOLUME REMOVED (gallons) | ELECTRICAL CONDUCTIVITY (micromhos) | | TEMP. | COLOR/COMMENTS |
|-------|--------------------------------|-------------------------------------|-----|-------|------------------|
| 12:32 | 4 | 656 | 6.8 | 78 | Light brown tint |
| 12:35 | 8 | 620 | 6.6 | 77 | Clearing |
| 12:37 | 12 | 605 | 6.6 | 76 | Clearing |
| 12:39 | 16 | 598 | 6.6 | 75 | Clear |

SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| TIME | ANALYSIS | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
|-------|------------------|---------------------------|-----------------|
| 12:45 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCl | 13 feet |



WELL FIELD LOG

Well Observation:

Date: 03/31/2001

Sample Collection:

Date: 03/31/2001

Project Name: Groundwater Monitoring Location: Nahas/Former Union 76

Personnel: FRG/JG Weather: Clear, Warm

WELL INFORMATION:

| Well Number | MW-6 | Date Purged | 03/31/2001 |
|---------------------------------|-------------------------------|--------------|------------------|
| Depth to Water - feet(TOC) | 11.40 | Purge Method | Submersible Pump |
| Well Depth (feet) | 26.78 | | |
| Water Volume (gallons) | 2.5 | Purge Begin | 11:55 |
| Reference Elevation - Teet(TOC) | +183,60 | Purge End | 12:03 |
| Groundwater Elevation (feet) | 172.20 | Purge Rate | 1.25 gpm |
| Measurement Technique | Solinst Electric Well Sounder | | |

IMMISCIBLE LAYERS:

Top: None Observed
Bottom: None Observed
Detection Method: Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| TIME | VOLUME REMOVED (gallons) | ELECTRICAL: CONDUCTIVITY (micrombos) | pH | TEMP. | COLOR/COMMENTS |
|-------|--------------------------------|--------------------------------------|-----|-------|----------------|
| 11:57 | 2.5 | 765 | 6.7 | 78 | Brown Colloids |
| 11:59 | 5.0 | 749 | 6.7 | 76 | Clearingt |
| 12:01 | 7.5 | 759 | 6.7 | 74 | Clearing |
| 12:05 | 10.0 | 758 | 6.7 | 74 | Clearing |

SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| TIME | ANALYSIS | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
|-------|------------------|---------------------------|-----------------|
| 12:10 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCl | 13 feet |



WELL FIELD LOG

Well Observation:

Date: 03/31/2001 Date: 03/31/2001

Sample Collection:

Location:

Project Name: Groundwater Monitoring Nahas/Former Union 76

Personnel:

FRG/JG

Weather:

Clear, Warm

WELL INFORMATION:

| LL INFORMATION: | | (A) | 03/31/2001 |
|---------------------------------|-------------------------------|---|------------------|
| Well Number | MW-7 | Date Purged | |
| Depth to Water - feet(TOC) | 10.37 | Purge Method | Submersible Pump |
| Well Depth (feet) | 28.0 | | |
| Water Volume (gallons) | 2.8 | Purge Begin | 13:05 |
| Reference Elevation - feet(FOC) | +182.42 | Purge End | 13:15 |
| Groundwater Elevation (feet) | 172.05 | Purge Rate | 1.20 gpm |
| Measurement Technique | Solinst Electric Well Sounder | | |

IMMISCIBLE LAYERS:

Top: None Observed Bottom: Dark Tint

Detection Method: Visual

Collection Method: Clear Point-Source Bailer

WELL DEVELOPMENT/PURGE DATA:

| TIME | VOLUME | ELECTRICAL CONDUCTIVITY (micromhos) | | TEMP; | COLOR/COMMENTS |
|-------|--------|-------------------------------------|-----|-------|------------------|
| 13:09 | 3 | 711 | 6.7 | 76 | Light brown tint |
| | 6 | 788 | 6.5 | 75 | Clearing |
| 13:11 | 0 | 807 | 6,6 | 74 | Clear |
| 13:13 | 9 | <u> </u> | | 74 | Clear |
| 13:15 | 12 | 811 | 6.6 | 74 | Cical |

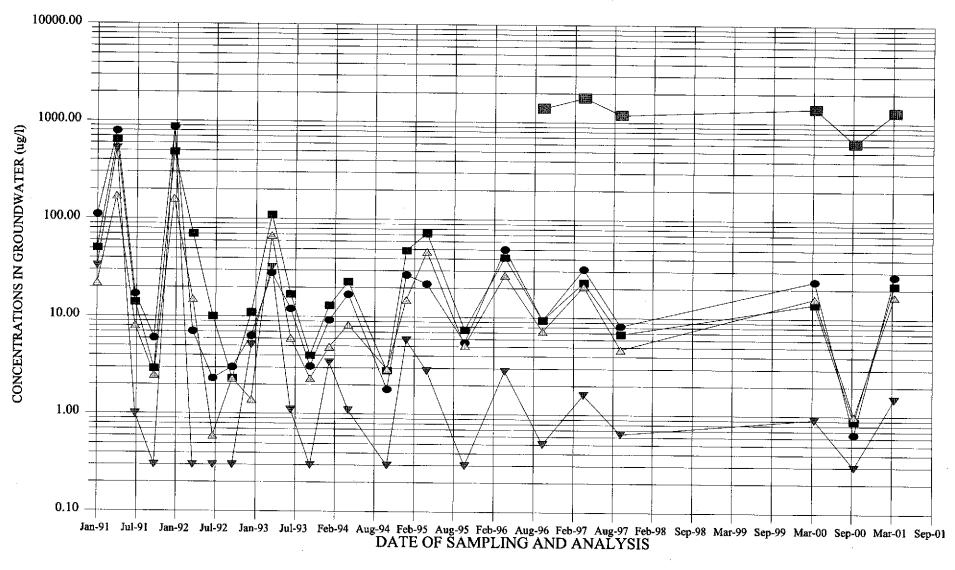
SAMPLE COLLECTION DATA

Sampling Equipment: Teflon Bailer

| San | ipling Equipment: Tellon Ban | [♥] | |
|-------|------------------------------|---------------------------|-----------------|
| | ANALYSIS (1996) | AMOUNT/CONTAINER USED | SAMPLE INTERVAL |
| 13:25 | BTEX/MTBE & TPHg | 2-40ml glass VOA with HCL | 12 feet |
| 19.29 | | | |

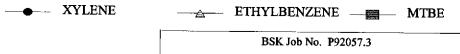


BTEX/MTBE CONCENTRATIONS IN GROUNDWATER(MW-2)

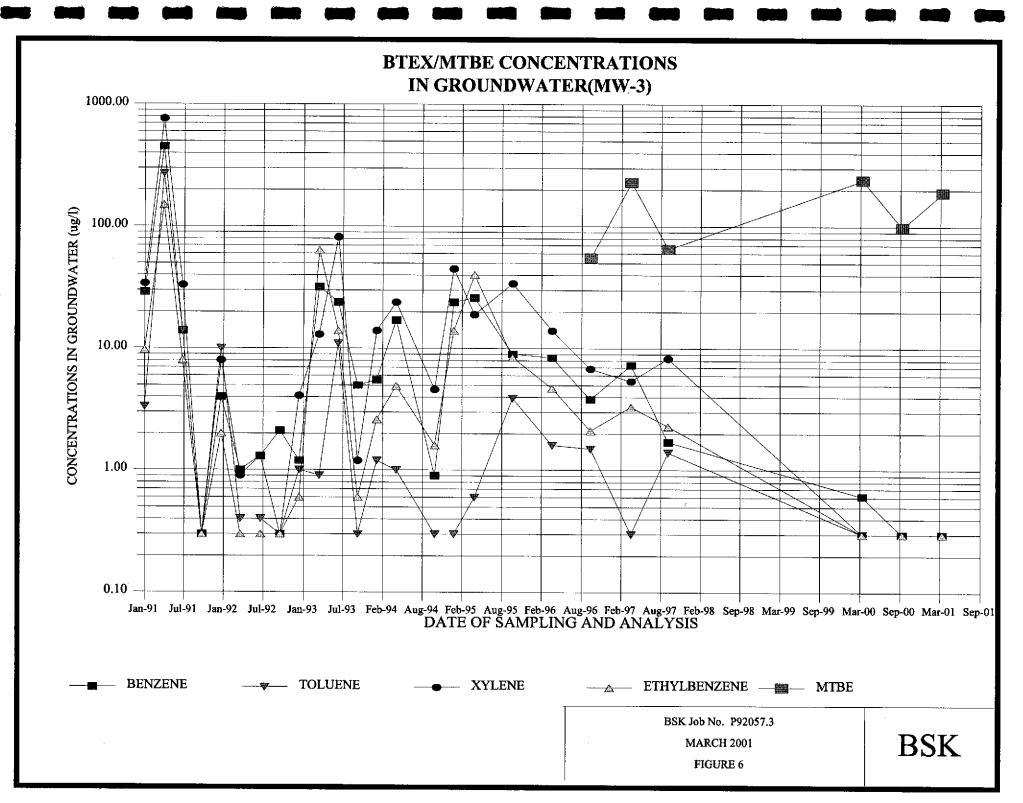


BENZENE

TOLUENE



MARCH 2001 FIGURE 5



APPENDIX "A"

CHEMICAL TEST DATA SHEETS
AND
PROJECT CHAIN-OF-CUSTODY RECORD
(7 SHEETS)



Cover Letter

04/19/2001

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

BSK Submission Number: 2001040114

Dear Alex Y. Eskandari:

BSK Analytical Laboratories adheres to a quality assurance plan that has been approved by the State of California Department of Health Services. Our Environmental Laboratory Accreditation Program (ELAP) certification number is 1180.

BSK Analytical Laboratories has prepared this certificate of analysis in response to your request for analytical services. All information was taken from your Chain of Custody or related correspondence. BSK completed all sample handling and analytical procedures within the Laboratory's standard acceptability criteria with any exceptions noted below.

Sample Comments

Submission Order Test/Analyte Commen-

2001040114 101414 Methyl-t-Butyl Ether

Confirmation analyzed outside hold time.

If additional clarification of any information is required, please contact our Client Services Department at (800)877-8310 or (559)497-2888.

Sincerely,

BSK Analytical Laboratories

Authorizing Signature(s)

Juliane Adams

Organic Laboratory Supervisor

Ko Yang

Inorganic Laboratory Supervisor

Cynthia Pigman QA/QC Supervisor

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

BSK Submission #: 2001040114 BSK Sample ID #: 101414

Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type: Liquid Sample Description: MW-2

Sample Comments:

Date Sampled: 03/31/2001

ELAP Certificate #1180

Report Issue Date: 04/19/2001

Certificate of Analysis

Time Sampled: 1435 Date Received: 04/03/2001

| Organics | | | | | Prep | Analysis | | |
|----------------------|---------------|--------|-------|-----|----------|----------|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| PH as Gasoline | EPA 8015(M) | 1000 | μg/L | 50 | 1 | 50 | 04/12/2001 | 04/13/2001 |
| lethyl-t-Butyl Ether | EPA 8015/8020 | 1300 | μg/L | 5 | 40 | 200 | 04/13/2001 | 04/13/2001 |
| Benzene | EPA 8020 | 22 | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| thylbenzene | EPA 8020 | 17 | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| oluene | EPA 8020 | 1.5 | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| otal Xylenes | EPA 8020 | 27 | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Methyl-t-Butyl Ether | EPA 8260 | 1200 | μg/L | 5 | 100 | 500 | 04/17/2001 | 04/17/2001 |

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm) µg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb)
%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

: PQL x Dilution ND: None Detected at DLR H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory.See External Laboratory Report attachments.

Report Authentication Code:

- I I E E IVI NGB GULLA HELF ELEGN LEGN EKK IN GOOD HILF ON IN GOOD FOLGE DYN E E IN BRIN DON ALL

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

Certificate of Analysis ELAP Certificate #1180

Report Issue Date: 04/19/2001

BSK Submission #: 2001040114 BSK Sample ID #: 101413

Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type:

Liquid Sample Description: MW-3

Sample Comments:

Date Sampled: 03/31/2001

Time Sampled: 1405

Date Received: 04/03/2001

| Organics | | | | | | | Prep | Analysis |
|----------------------|---------------|--------|-------|-----|----------|-----|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| TPH as Gasoline | EPA 8015(M) | ND | μg/L | 50 | 1 | 50 | 04/12/2001 | 04/13/2001 |
| Methyl-t-Butyl Ether | EPA 8015/8020 | 190 | μg/L | 5 | 1 | 5 | 04/12/2001 | 04/13/2001 |
| Benzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Ethylbenzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Toluene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Total Xylenes | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm)

μg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb) %Rec: Percent Recovered (surrogates) PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

: POL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory. See External Laboratory Report attachments.

Report Authentication Code:

4 of 6

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

Certificate of Analysis ELAP Certificate #1180

Report Issue Date: 04/19/2001

BSK Submission #: 2001040114

BSK Sample ID #: 101415 Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type:

Liquid Sample Description: MW-101

Sample Comments:

Date Sampled: 03/31/2001 Time Sampled: 1545

Date Received: 04/03/2001

| Organics | | | | - | ·· | | Prep | Analysis |
|----------------------|---------------|--------|-------|-----|----------|------|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| TPH as Gasoline | EPA 8015(M) | 34000 | μg/L | 50 | 20 | 1000 | 04/13/2001 | 04/13/2001 |
| Methyl-t-Butyl Ether | EPA 8015/8020 | 970 | μg/L | 5 | 20 | 100 | 04/13/2001 | 04/13/2001 |
| Benzene | EPA 8020 | 1400 | μg/L | 0.3 | 200 | 60 | 04/14/2001 | 04/14/2001 |
| Ethylbenzene | EPA 8020 | 3400 | μg/L | 0.3 | 200 | 60 | 04/14/2001 | 04/14/2001 |
| Toluene | EPA 8020 | 62 | μg/L | 0.3 | 20 | 6.0 | 04/13/2001 | 04/13/2001 |
| Total Xylenes | EPA 8020 | 7700 | μg/L | 0.3 | 200 | 60 | 04/14/2001 | 04/14/2001 |

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm) μg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb) %Rec: Percent Recovered (surrogates) PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

: PQL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory. See External Laboratory Report attachments.

Report Authentication Code:

6 of 6

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

Certificate of Analysis ELAP Certificate #1180

Report Issue Date: 04/19/2001

BSK Submission #: 2001040114

BSK Sample ID #: 101411

Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type: Sample Description: MW-5

Liquid

Sample Comments:

Date Sampled: 03/31/2001

Time Sampled: 1245

Date Received: 04/03/2001

| Organics | | | | | | | Prep | Analysis |
|----------------------|---------------|--------|-------|-----|----------|-----|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| TPH as Gasoline | EPA 8015(M) | ND | μg/L | 50 | 1 | 50 | 04/12/2001 | 04/13/2001 |
| Methyl-t-Butyl Ether | EPA 8015/8020 | ND | μg/L | 5 | 1 | 5 | 04/12/2001 | 04/13/2001 |
| Benzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Ethylbenzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Toluene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Total Xylenes | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm) μg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

: PQL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory. See External Laboratory Report attachments.

Report Authentication Code:

2 of 6 Fax 559-485-6935

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566 Certificate of Analysis
ELAP Certificate #1180

Report Issue Date: 04/19/2001

BSK Submission #: 2001040114

BSK Sample ID #: 101410

Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type:

Liquid

Sample Description: WW-6

Sample Comments:

Date Sampled: 03/31/2001

Time Sampled: 1210

Date Received: 04/03/2001

| Organics | | | | | | | Prep | Analysis |
|----------------------|---------------|--------|-------|-----|----------|-----|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| TPH as Gasoline | EPA 8015(M) | 130 | μg/L | 50 | 1 | 50 | 04/12/2001 | 04/13/2001 |
| Methyl-t-Butyl Ether | EPA 8015/8020 | 440 | μg/L | 5 | 20 | 100 | 04/13/2001 | 04/13/2001 |
| Вепzепе | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Ethylbenzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Toluene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| Total Xylenes | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/12/2001 | 04/13/2001 |
| LUFT Comments | | | | | | | | |

TPH as Gasoline

Individual peaks inconsistent with fuel fingerprint

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm) µg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

DLR: Detection Limit for Reports: : PQL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory.See External Laboratory Report attachments.

Report Authentication Code:

1 of 6

Alex Y. Eskandari BSK and Associates - Pleasanton 1181 Quarry Lane Suite 300 Pleasanton, CA 94566

Certificate of Analysis ELAP Certificate #1180

Report Issue Date: 04/19/2001

BSK Submission #: 2001040114

BSK Sample ID #: 101412

Project ID: P92057.3

Project Desc: R.T. Nahas

Submission Comments:

Sample Type: Sample Description: MW-7

Liquid

Sample Comments:

Date Sampled: 03/31/2001 Time Sampled: 1325

Date Received: 04/03/2001

| Organics | | | | | | | Prep | Analysis |
|----------------------|---------------|--------|-------|-----|----------|-----|------------|------------|
| Analyte | Method | Result | Units | PQL | Dilution | DLR | Date | Date |
| TPH as Gasoline | EPA 8015(M) | 630 | μg/L | 50 | 1 | 50 | 04/14/2001 | 04/14/2001 |
| Methyl-t-Butyl Ether | EPA 8015/8020 | ND | μg/L | 5 | 1 | 5 | 04/14/2001 | 04/14/2001 |
| Benzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/14/2001 | 04/14/2001 |
| Ethylbenzene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/14/2001 | 04/14/2001 |
| Toluene | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/14/2001 | 04/14/2001 |
| Total Xylenes | EPA 8020 | ND | μg/L | 0.3 | 1 | 0.3 | 04/14/2001 | 04/14/2001 |
| LUFT Comments | | | | | | | | |

TPH as Gaseline

. Individual peaks inconsistent with fuel fingerprint

mg/L: Milligrams/Liter (ppm) mg/Kg: Milligrams/Kilogram (ppm) μg/L: Micrograms/Liter (ppb)

μg/Kg: Micrograms/Kilogram (ppb) %Rec: Percent Recovered (surrogates) PQL: Practical Quantitation Limit DLR: Detection Limit for Reporting

: PQL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory. See External Laboratory Report attachments.

Report Authentication Code:

3 of 6

ANALYTICAL 1414 Stanislaus Street

Fresno, CA 93706

2001040114

EVA U LUDGA

04/03/2001

BSK Log Number:

| Resno, CA 93706 (209) 485-8310 (800) 877 8310 BSK P TAT: Standard dy | |
|--|----------|
| (800) 877-8310 Analytical Due Date: (ABORATORIES (209) 485-6935 FAX | |
| Environmental Services 43003 | ses |
| Slient Name No. / Co. Report Attention: Alox Felt () Phone # | |
| Address Co RSK - P Project, Quote or PO# D92057 3 FAX# | |
| Conv to: System # | |
| LABuse only Date Time Sampled Type # Sampled Sampled Sampled Description/Location Comment or Station Code | |
| 1-23/31/01 12:10 MW-6 101410 XX | |
| 2 - 2 1 12:45 MW-5 | |
| 13:25 MW-7 | |
| 413 XX | |
| 5 6 0 14:35 MW-Z | |
| 2000 V 15:45 MW-101 U415 XX | |
| | |
| | |
| | |
| | |
| | |
| | |
| Matrix Type: L - Liquid S - Solid G - Gas Additional Services: Additional Services Authorized by: Payment Received with Deliv Type of Hazards Associated with Samples: Rush Priority: [] - 2 Day [] - 5 Day Date: Amount [] - Formal Chain of Custody [] - QC Data package (Signature) Check # Initials Received with Deliv | |
| Signature Print Name Company Date | Time |
| Requested/Relinquished by: Funcis R Greguras . BSK-P 3/31/6 | 01 17:00 |
| Received/Relinquished by: Holly J.Z.Kanlas Hex Y. Eskandar, PSCP Ht/ | 01 17:00 |
| Received / Relinquished by: Received / Relinquished by: 11 | |