

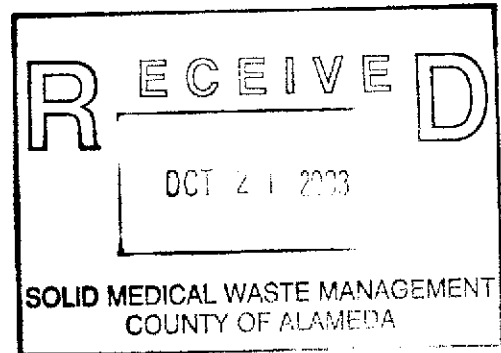
20-402

AC Transit

Alameda Contra Costa Transit District

Suzanne Patton, P.E.
Environmental Engineer
(510) 577-8869
October 17, 2003

Ms. eva chu
Alameda County Health Division
Division of Environmental Protection
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502



Dear Ms. chu:

Subject: Quarterly Groundwater Monitoring Report – August 2003 Sampling
AC Transit, 1177 47th Street, Emeryville

AC Transit hereby submits the enclosed quarterly groundwater monitoring report for the AC Transit facility located at 1177 47th Street in Emeryville. The report was prepared by our consultant, Cameron-Cole, LLC, and contains the results of the August 2003 sampling event.

Groundwater samples were collected from ten monitoring wells (MW-1, MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12 and W-1). These wells are sampled semi-annually. Samples were analyzed for total petroleum hydrocarbons (TPH) using modified EPA Method 8015 and benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) using EPA Method 8021B. A groundwater sample was not collected from MW-13 due to the presence of a 4.68-inch free phase hydrocarbon layer.

Analytical results indicated that TPH as diesel was present in all ten wells sampled at concentrations ranging from 110 to 68,000 ppb. TPH as gasoline was detected in five wells sampled in concentrations ranging from 250 to 6,500 ppb. Benzene above the Maximum Contaminant Level (MCL) of 1.0 ppb was detected in monitoring wells MW-6 and W-1 at 110 and 7.5 ppb, respectively. MTBE was detected above the MCL in monitoring wells MW-2 and MW-10.

If you have any questions regarding this report or other matters pertaining to this site, please call me at (510) 577-8869.

Sincerely,


Suzanne Patton, P.E.
Environmental Engineer

**GROUNDWATER MONITORING REPORT
FOR THE AC TRANSIT FACILITY
LOCATED AT 1177 47th STREET,
EMERYVILLE, CALIFORNIA**

September 2003

Prepared For:

Ms. Suzanne Patton
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Prepared By:

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Alameda, California 94501

Project No: 2016



CAMERON-COLE

GROUNDWATER MONITORING
REPORT FOR THE
AC TRANSIT FACILITY
LOCATED AT 1177 47th STREET,
EMERYVILLE, CALIFORNIA

September 2003

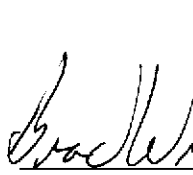
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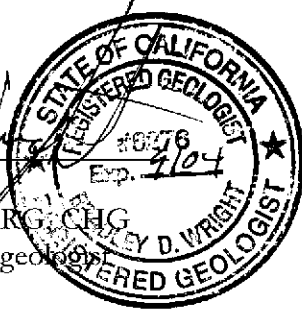
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Senior Hydrogeologist



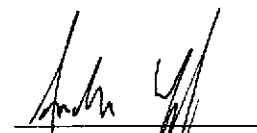

Written By
Andrew Wyckoff
Geologist

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INTRODUCTION

This report presents the results from the August 2003 semi-annual sampling event for the AC Transit Facility located at 1177 47th Street, Emeryville, California (Site). Groundwater sampling of monitor wells MW-1, MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, and W-1 was conducted in accordance with directives from Alameda County Health Care Services (ACHCS). In a letter dated August 7, 2001, ACHCS requested quarterly groundwater sampling for monitor wells MW-11, MW-12 and MW-13 and semi-annual groundwater sampling of other Site monitor wells. AC Transit retained Cameron-Cole to perform this work.

GROUNDWATER MONITORING

Work performed during this sampling event included measuring depth to water in all monitor wells and collecting groundwater samples from monitor wells MW-1, MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12 and W-1. Groundwater samples were analyzed for total extractable petroleum hydrocarbons (TEPH) using Environmental Protection Agency (EPA) Method 8015 Modified and benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) by EPA Method 8021B. A groundwater sample was not collected from MW-13 due to the presence of a free phase hydrocarbon layer.

A site map displaying the monitor well locations is presented as Figure 1. Chain-of-custody documents, field data sheets and certified analytical reports are included in Appendix A.

Groundwater Elevations and Flow Direction

On August 26, 2003 all 16 Site monitor wells were inspected and measured for the presence of free phase hydrocarbons and depth to groundwater. Measurements of depths to groundwater are presented on Table 1 and were used to construct the groundwater elevation contours shown in Figure 2. As shown, groundwater flow is to the west at a gradient of 0.024 feet/foot. A free phase hydrocarbon layer measuring 0.39 feet was detected in MW-13.

Groundwater Sampling Activities

The monitor wells were purged a minimum of three casing volumes using a centrifugal pump and samples were collected using disposable polyethylene bailers. During well purging, field parameters for pH, electrical conductivity, dissolved oxygen, oxidation-reduction potential, ferrous iron and temperature were monitored using calibrated field meters.

Groundwater samples were collected in 40-milliliter glass vials preserved with hydrochloric acid and one-liter non-preserved amber glass containers and placed in an ice-filled cooler for shipment under chain-of-custody to a State of California certified laboratory. A trip blank was submitted for analysis by EPA Method 8021B.

Groundwater Analytical Results

Table 2 presents groundwater analytical results for the August 2003 sampling event. TPH as diesel was detected in all ten monitoring wells at concentrations ranging from 110 to 68,000 parts per billion (ppb). TPH as gasoline was detected above the laboratory detection limit of 50 ppb in monitoring wells MW-6, MW-7, MW-10, MW12 and W-1. Benzene was detected above the State of California maximum contaminant level (MCL) of 1.0 ppb in monitoring wells MW-6 and W-1. Methyl tert-butyl ether (MTBE) was detected above the MCL of 13 ppb in monitoring wells MW-2 and MW-10. No analytes were detected in the trip blank or method blank. A lab control spike and lab control spike duplicate passed the EPA's criteria for acceptance.

SUMMARY OF RESULTS

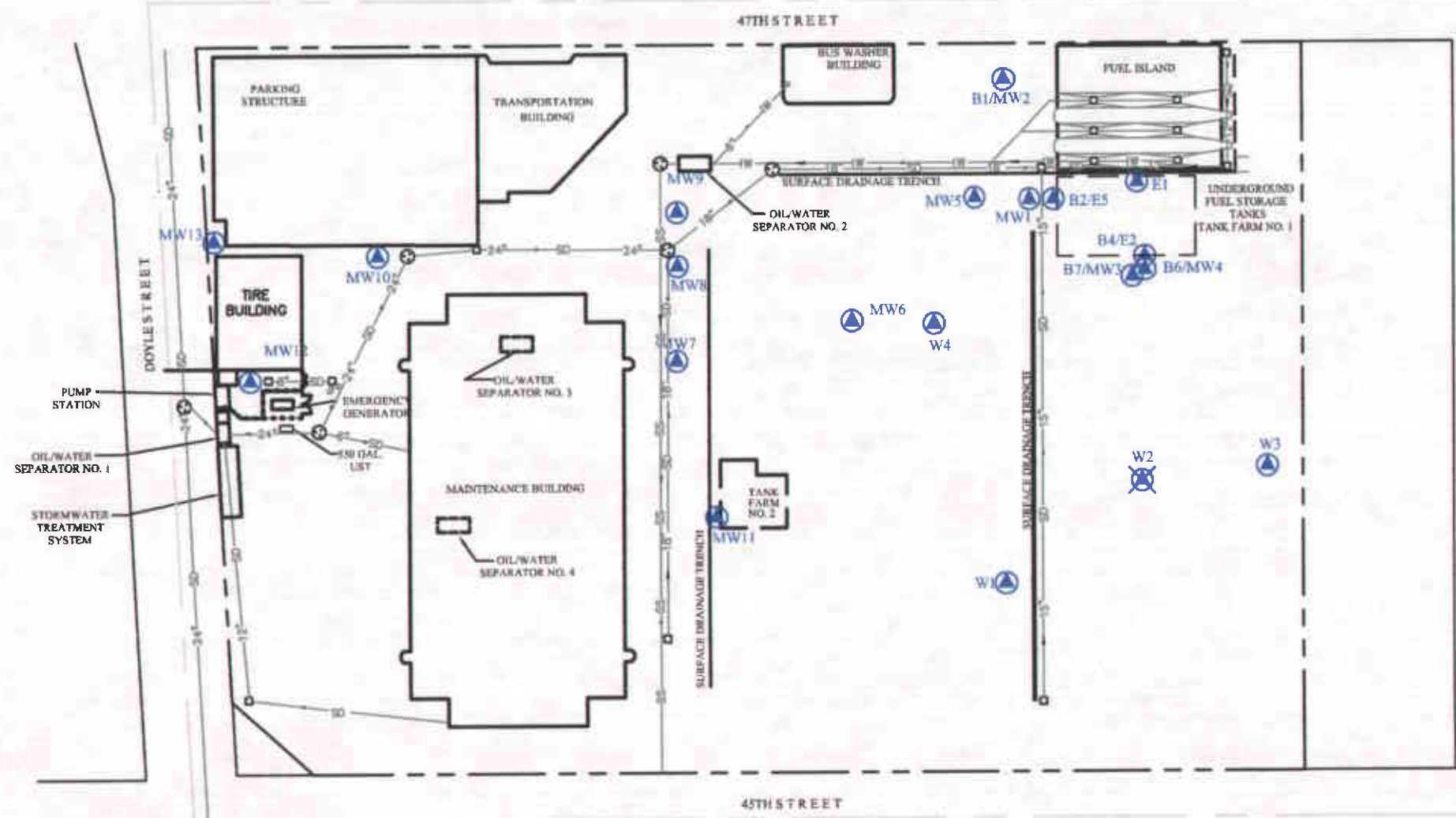
- Groundwater flow is to the west at a gradient of 0.024 feet/foot.
- TPH as degraded diesel was detected in MW-1, MW-2, MW-3, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12 and W-1 at 200, 150, 5,800, 6,500, 470, 1,300, 1,100, 300, 110 and 1,700 ppb, respectively.
- TPH as degraded gasoline was detected in MW-6, MW-7, MW-10, MW-12 and W-1, at 6,500, 590, 250, 260 and 5,800 ppb, respectively.
- Benzene above the MCL of 1.0 ppb was detected in monitoring wells MW-6 and W-1 at 110 and 7.5 pbb, respectively.
- MTBE above the MCL of 13 ppb was detected in monitoring wells MW-2 and MW-10 and MW-2 at 15 and 14 ppb, respectively.

PROJECTED WORK AND RECOMMENDATIONS

- Quarterly groundwater monitoring of monitoring wells MW-11, MW-12 and MW-13 is scheduled for November 2002. This event will include site-wide depth to groundwater level measurements, including inspection of each monitor well for free-phase hydrocarbon.

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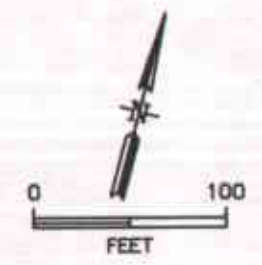
SP
PC Transil



SAN PABLO AVENUE

LEGEND

- MANHOLE
- CATCH BASIN
- MONITORING WELL
- ABANDONED MONITORING WELL
- SD STORM DRAIN PIPELINE
- SS SANITARY SEWER PIPELINE
- IW INDUSTRIAL WASTE PIPELINE
- CHAIN LINK FENCE



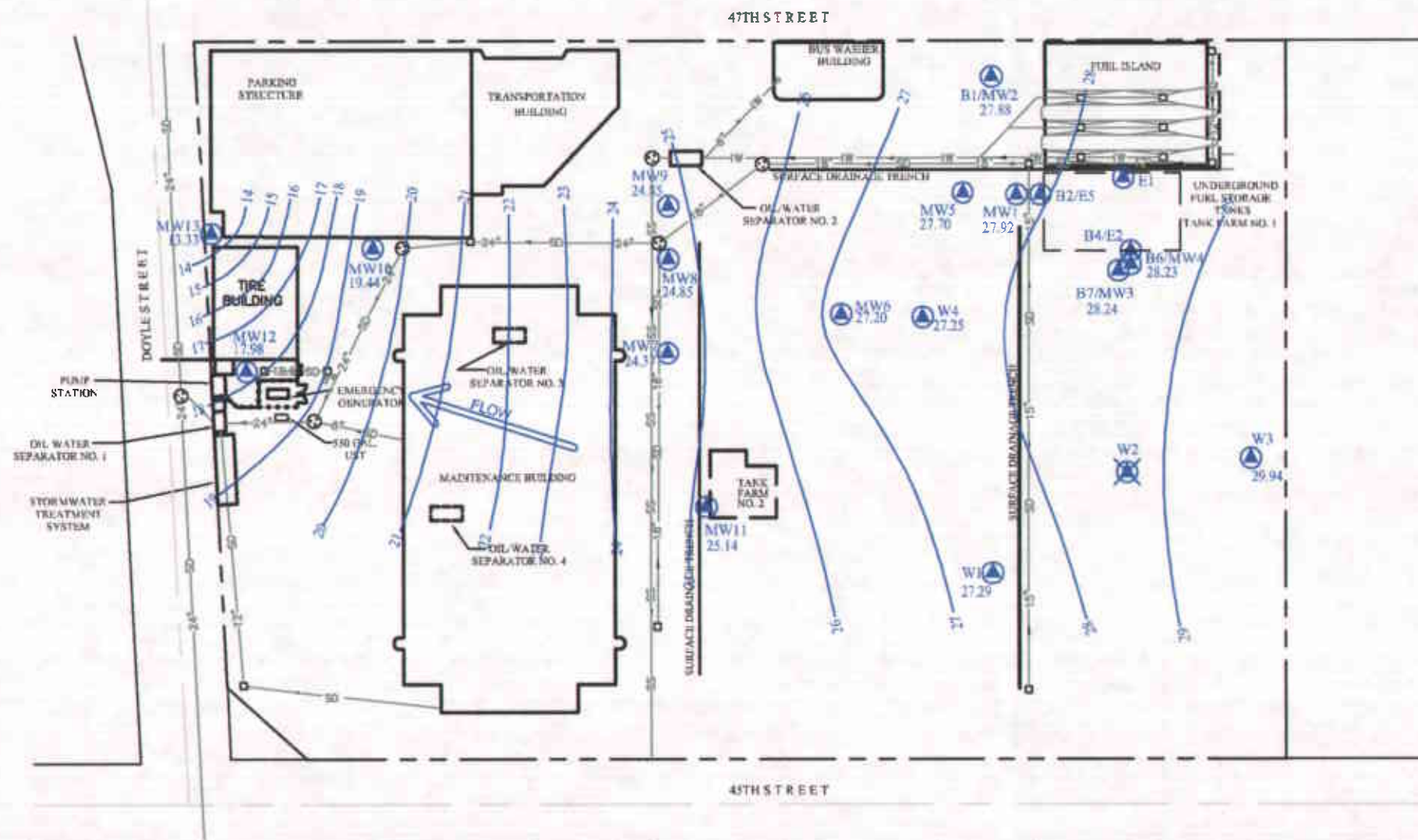
| BY | DATE |
|-----|----------|
| WRB | 10/25/02 |
| | |
| | |
| | |



EMERYVILLE FACILITY - OAKLAND, CALIFORNIA

FIGURE 1
AC TRANSIT - MONITORING WELL LOCATION MAP

| | | | |
|--------|-----------|-----------|---------|
| SCALE: | 1" = 100' | DWG. NO.: | 2015-01 |
|--------|-----------|-----------|---------|



| LEGEND | |
|--------|----------------------------------|
| | MANHOLE |
| | CATCH BASIN |
| | MONITORING WELL |
| | ABANDONED MONITORING WELL |
| 27.19 | POTENTIOMETRIC SURFACE ELEVATION |
| *28.86 | NOT USED IN CONTOURING |
| | POTENTIOMETRIC SURFACE CONTOUR |
| | STORM DRAIN PIPELINE |
| | SANITARY SEWER PIPELINE |
| | INDUSTRIAL WASTE PIPELINE |
| | CHAIN LINK FENCE |

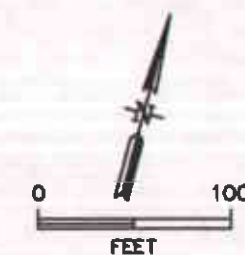


FIGURE 2

| BY | DATE |
|-----|---------|
| WRB | 9/23/03 |
| | |
| | |
| | |



CAMERON-COLE

EMERYVILLE FACILITY - OAKLAND, CALIFORNIA
 AC TRANSIT - POTENTIOMETRIC SURFACE MAP
 AUGUST 26, 2003

SCALE: 1" = 100'

DWG. NO.: 2015-15

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* (ft-msl) | | |
|------------------|------------------|--|--------------------------------|-------------|--------------------------------------|--|-------|----|
| MW-1 | 8/31/1999 | 32.56 | None | 3.24 | 29.32 | NA | | |
| | 11/23/1999 | | None | 4.55 | 28.01 | NA | | |
| | 3/1/2000 | | None | 3.65 | 28.91 | NA | | |
| | 5/17/2000 | | None | 4.08 | 28.48 | NA | | |
| | 8/30/2000 | | None | 5.18 | 27.38 | NA | | |
| | 12/18/2000 | | None | 4.86 | 27.7 | NA | | |
| | 3/20/2001 | | None | 4.22 | 28.34 | NA | | |
| | 6/7/2001 | | None | 4.88 | 27.68 | NA | | |
| | 9/20/2001 | | None | 4.97 | 27.59 | NA | | |
| | 12/14/2001 | | None | 3.59 | 28.97 | NA | | |
| | 2/27/2002 | | None | 4.03 | 28.53 | NA | | |
| | 5/16/2002 | | None | 4.32 | 28.24 | NA | | |
| | 9/18/2002 | | None | 4.61 | 27.95 | NA | | |
| | 10/30/2002 | | None | 4.74 | 27.82 | NA | | |
| | 2/6/2003 | | None | 4.08 | 28.48 | NA | | |
| | 5/1/2003 | | None | 3.68 | 28.88 | NA | | |
| | 8/26/2003 | | None | 4.64 | 27.92 | NA | | |
| | MW-2 | | 8/31/1999 | 32.12 | None | 5.24 | 26.88 | NA |
| | | | 11/23/1999 | | None | 4.03 | 28.09 | NA |
| | | | 3/1/2000 | | None | 3.11 | 29.01 | NA |
| 5/17/2000 | | None | 3.66 | | 28.46 | NA | | |
| 8/30/2000 | | None | 4.65 | | 27.47 | NA | | |
| 12/18/2000 | | None | 4.06 | | 28.06 | NA | | |
| 3/20/2001 | | None | 3.91 | | 28.21 | NA | | |
| 6/7/2001 | | None | 4.40 | | 27.72 | NA | | |
| 9/20/2001 | | None | 4.45 | | 27.67 | NA | | |
| 12/14/2001 | | None | 3.19 | | 28.93 | NA | | |
| 2/27/2002 | | None | 3.45 | | 28.67 | NA | | |
| 5/16/2002 | | None | 3.74 | | 28.38 | NA | | |
| 9/18/2002 | | None | 4.20 | | 27.92 | NA | | |
| 10/30/2002 | | None | 4.23 | | 27.89 | NA | | |
| 2/6/2003 | | None | 3.70 | | 28.42 | NA | | |
| 5/1/2003 | | None | 3.59 | | 28.53 | NA | | |
| 8/26/2003 | | None | 4.24 | | 27.88 | NA | | |
| MW-3 | | 8/31/1999 | 34.06 | | None | 6.15 | 27.91 | NA |
| | | 11/23/1999 | | | None | 5.78 | 28.28 | NA |
| | | 3/1/2000 | | | None | 4.82 | 29.24 | NA |
| | 5/17/2000 | None | | 5.29 | 28.77 | NA | | |
| | 8/30/2000 | None | | 6.20 | 27.86 | NA | | |
| | 12/18/2000 | None | | 5.65 | 28.41 | NA | | |
| | 3/20/2001 | None | | 5.18 | 28.88 | NA | | |
| | 6/7/2001 | None | | 6.01 | 28.05 | NA | | |
| | 9/20/2001 | None | | 5.9 | 28.16 | NA | | |
| | 12/14/2001 | None | | 4.66 | 29.40 | NA | | |
| | 2/27/2002 | None | | 5.00 | 29.06 | NA | | |
| | 5/16/2002 | None | | 5.21 | 28.85 | NA | | |
| | 9/18/2002 | None | | 5.61 | 28.45 | NA | | |
| | 10/30/2002 | None | | 5.72 | 28.34 | NA | | |
| | 2/6/2003 | None | | 4.97 | 29.09 | NA | | |
| | 5/1/2003 | None | | 4.89 | 29.17 | NA | | |
| | 8/26/2003 | None | | 5.82 | 28.24 | NA | | |

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* (ft-msl) |
|------|------------------|--|--------------------------------|-------------|--------------------------------------|--|
| MW-4 | 8/31/1999 | 34.11 | None | 6.22 | 27.89 | NA |
| | 11/23/1999 | | None | 6.01 | 28.10 | NA |
| | 3/1/2000 | | None | 4.74 | 29.37 | NA |
| | 5/17/2000 | | None | 5.33 | 28.78 | NA |
| | 8/30/2000 | | None | 6.26 | 27.85 | NA |
| | 12/18/2000 | | None | 5.66 | 28.45 | NA |
| | 3/20/2001 | | None | 5.46 | 28.65 | NA |
| | 6/7/2001 | | None | 6.02 | 28.09 | NA |
| | 9/20/2001 | | None | 6.06 | 28.05 | NA |
| | 12/14/2001 | | None | 5.39 | 28.72 | NA |
| | 2/27/2002 | | None | 5.28 | 28.83 | NA |
| | 5/16/2002 | | None | 5.39 | 28.72 | NA |
| | 9/18/2002 | | None | 5.61 | 28.50 | NA |
| | 10/30/2002 | | None | 5.70 | 28.41 | NA |
| | 2/6/2003 | | None | 5.39 | 28.72 | NA |
| | 5/1/2003 | | None | 5.25 | 28.86 | NA |
| | 8/26/2003 | | None | 5.88 | 28.23 | NA |
| MW-5 | 8/31/1999 | 31.70 | None | 4.51 | 27.19 | NA |
| | 11/23/1999 | | None | 4.00 | 27.70 | NA |
| | 3/1/2000 | | None | 3.31 | 28.39 | NA |
| | 5/17/2000 | | None | 3.59 | 28.11 | NA |
| | 8/30/2000 | | None | 4.53 | 27.17 | NA |
| | 12/18/2000 | | None | 3.97 | 27.73 | NA |
| | 3/20/2001 | | None | 3.68 | 28.02 | NA |
| | 6/7/2001 | | None | 4.37 | 27.33 | NA |
| | 9/20/2001 | | None | 4.46 | 27.24 | NA |
| | 12/14/2001 | | None | 3.23 | 28.47 | NA |
| | 2/27/2002 | | None | 3.44 | 28.26 | NA |
| | 5/16/2002 | | None | 3.68 | 28.02 | NA |
| | 9/18/2002 | | None | 4.04 | 27.66 | NA |
| | 10/30/2002 | | None | 4.21 | 27.49 | NA |
| | 2/6/2003 | | None | 3.61 | 28.09 | NA |
| | 5/1/2003 | | None | 3.15 | 28.55 | NA |
| | 8/26/2003 | | None | 4.00 | 27.70 | NA |
| MW-6 | 8/31/1999 | 31.02 | None | 4.40 | 26.62 | NA |
| | 11/23/1999 | | None | 3.81 | 27.21 | NA |
| | 3/1/2000 | | None | 2.88 | 28.14 | NA |
| | 5/17/2000 | | None | 3.44 | 27.58 | NA |
| | 8/30/2000 | | None | 4.40 | 26.62 | NA |
| | 12/18/2000 | | None | 3.61 | 27.41 | NA |
| | 3/20/2001 | | None | 3.16 | 27.86 | NA |
| | 6/7/2001 | | None | 4.18 | 26.84 | NA |
| | 9/20/2001 | | Sheen | 4.22 | 26.80 | NA |
| | 12/14/2001 | | None | 3.62 | 27.40 | NA |
| | 2/27/2002 | | None | 2.94 | 28.08 | NA |
| | 5/16/2002 | | None | 3.53 | 27.49 | NA |
| | 9/18/2002 | | None | 3.97 | 27.05 | NA |
| | 10/30/2002 | | None | 3.96 | 27.06 | NA |
| | 2/6/2003 | | None | 2.97 | 28.05 | NA |
| | 5/1/2003 | | None | 3.98 | 27.04 | NA |
| | 8/26/2003 | | None | 3.82 | 27.20 | NA |

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* (ft-msl) | | |
|------------------|------------------|--|--------------------------------|-------------|--------------------------------------|--|-------|----|
| MW-7 | 8/31/1999 | 29.62 | None | 5.47 | 24.15 | NA | | |
| | 11/23/1999 | | None | 4.93 | 24.69 | NA | | |
| | 3/1/2000 | | None | 4.06 | 25.56 | NA | | |
| | 5/17/2000 | | None | 4.69 | 24.93 | NA | | |
| | 8/30/2000 | | None | 5.50 | 24.12 | NA | | |
| | 12/18/2000 | | None | 5.78 | 23.84 | NA | | |
| | 3/20/2001 | | None | 4.83 | 24.79 | NA | | |
| | 6/7/2001 | | None | 4.80 | 24.82 | NA | | |
| | 9/20/2001 | | None | 5.19 | 24.43 | NA | | |
| | 12/14/2001 | | None | 4.68 | 24.94 | NA | | |
| | 2/27/2002 | | None | 4.53 | 25.09 | NA | | |
| | 5/16/2002 | | None | 4.34 | 25.28 | NA | | |
| | 9/18/2002 | | None | 5.28 | 24.34 | NA | | |
| | 10/30/2002 | | None | 5.51 | 24.11 | NA | | |
| | 2/6/2003 | | None | 4.36 | 25.26 | NA | | |
| | 5/1/2003 | | None | 4.76 | 24.86 | NA | | |
| | 8/26/2003 | | None | 5.25 | 24.37 | NA | | |
| | MW-8 | | 8/31/1999 | 29.43 | None | 5.35 | 24.08 | NA |
| | | | 11/23/1999 | | None | 4.75 | 24.68 | NA |
| | | | 3/1/2000 | | None | 4.48 | 24.95 | NA |
| 5/17/2000 | | None | 4.78 | | 24.65 | NA | | |
| 8/30/2000 | | None | 5.02 | | 24.41 | NA | | |
| 12/18/2000 | | None | 5.23 | | 24.20 | NA | | |
| 3/20/2001 | | None | 4.70 | | 24.73 | NA | | |
| 6/7/2001 | | None | 5.13 | | 24.30 | NA | | |
| 9/20/2001 | | None | 5.68 | | 23.75 | NA | | |
| 12/14/2001 | | None | 4.26 | | 25.17 | NA | | |
| 2/27/2002 | | None | 4.18 | | 25.25 | NA | | |
| 5/16/2002 | | None | 4.58 | | 24.85 | NA | | |
| 9/18/2002 | | None | 4.96 | | 24.47 | NA | | |
| 10/30/2002 | | None | 4.99 | | 24.44 | NA | | |
| 2/6/2003 | | None | 4.41 | | 25.02 | NA | | |
| 5/1/2003 | | None | 4.29 | | 25.14 | NA | | |
| 8/26/2003 | | None | 4.58 | | 24.85 | NA | | |
| MW-9 | | 8/31/1999 | 29.18 | | None | 4.15 | 25.03 | NA |
| | | 11/23/1999 | | | None | 3.93 | 25.25 | NA |
| | | 3/1/2000 | | | None | 3.69 | 25.49 | NA |
| | 5/17/2000 | None | | 3.56 | 25.62 | NA | | |
| | 8/30/2000 | None | | 4.64 | 24.54 | NA | | |
| | 12/18/2000 | None | | 4.02 | 25.16 | NA | | |
| | 3/20/2001 | None | | 3.92 | 25.26 | NA | | |
| | 6/7/2001 | None | | 4.28 | 24.90 | NA | | |
| | 9/20/2001 | None | | 5.12 | 24.06 | NA | | |
| | 12/14/2001 | None | | 3.87 | 25.31 | NA | | |
| | 2/27/2002 | None | | 4.48 | 24.70 | NA | | |
| | 5/16/2002 | None | | 5.13 | 24.05 | NA | | |
| | 9/18/2002 | None | | 4.48 | 24.70 | NA | | |
| | 10/30/2002 | None | | 3.90 | 25.28 | NA | | |
| | 2/6/2003 | None | | 3.65 | 25.53 | NA | | |
| | 5/1/2003 | None | | 4.50 | 24.68 | NA | | |
| | 8/26/2003 | None | | 4.33 | 24.85 | NA | | |

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* (ft-msl) |
|------------------|------------------|--|--------------------------------|-------------|--------------------------------------|--|
| MW-10 | 8/31/1999 | 29.13 | None | 9.59 | 19.54 | NA |
| | 11/23/1999 | | None | 9.44 | 19.69 | NA |
| | 3/1/2000 | | None | 9.06 | 20.07 | NA |
| | 5/17/2000 | | None | 9.31 | 19.82 | NA |
| | 8/30/2000 | | None | 9.68 | 19.45 | NA |
| | 12/18/2000 | | None | 9.41 | 19.72 | NA |
| | 3/20/2001 | | None | 9.23 | 19.90 | NA |
| | 6/7/2001 | | None | 9.60 | 19.53 | NA |
| | 9/20/2001 | | None | 9.70 | 19.43 | NA |
| | 12/14/2001 | | None | 8.83 | 20.30 | NA |
| | 2/27/2002 | | None | 9.15 | 19.98 | NA |
| | 5/16/2002 | | None | 9.45 | 19.68 | NA |
| | 9/18/2002 | | None | 9.65 | 19.48 | NA |
| | 10/30/2002 | | None | 9.73 | 19.40 | NA |
| | 2/6/2003 | | None | 9.34 | 19.79 | NA |
| | 5/1/2003 | | None | 9.14 | 19.99 | NA |
| | 8/26/2003 | | None | 9.69 | 19.44 | NA |
| MW-11 | 9/20/2001 | 28.93 | None | 4.41 | 24.52 | NA |
| | 12/14/2001 | | None | 1.82 | 27.11 | NA |
| | 2/27/2002 | | None | 2.39 | 26.54 | NA |
| | 5/16/2002 | | None | 2.98 | 25.95 | NA |
| | 9/18/2002 | | None | 4.00 | 24.93 | NA |
| | 10/30/2002 | | None | 4.14 | 24.79 | NA |
| | 2/6/2003 | | None | 2.59 | 26.34 | NA |
| | 5/1/2003 | | None | 2.26 | 26.67 | NA |
| | 8/26/2003 | | None | 3.79 | 25.14 | NA |
| | MW-12 | | 9/20/2001 | 28.68 | None | 10.41 |
| 12/14/2001 | | None | 9.62 | | 19.06 | NA |
| 2/27/2002 | | None | 10.09 | | 18.59 | NA |
| 5/16/2002 | | None | 10.04 | | 18.64 | NA |
| 9/18/2002 | | None | 10.66 | | 18.02 | NA |
| 10/30/2002 | | None | 10.62 | | 18.06 | NA |
| 2/6/2003 | | None | 9.97 | | 18.71 | NA |
| 5/1/2003 | | None | 9.78 | | 18.90 | NA |
| 8/26/2003 | | None | 10.70 | | 17.98 | NA |
| MW-13 | | 9/20/2001 | 22.715 | | None | 8.83 |
| | 12/14/2001 | None | | 7.95 | 14.77 | NA |
| | 2/27/2002 | None | | 7.64 | 15.08 | NA |
| | 5/16/2002 | None | | 8.43 | 14.29 | NA |
| | 9/18/2002 | 6.86 | | 15.09 | 7.63 | 13.11 |
| | 10/30/2002 | 6.04 | | 14.29 | 8.43 | 13.26 |
| | 2/6/2003 | 0.09 | | 8.25 | 14.47 | 14.54 |
| | 5/1/2003 | 0.24 | | 7.29 | 15.43 | 15.62 |
| | 8/26/2003 | 0.39 | | 9.70 | 13.02 | 13.33 |

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* (ft-msl) | | |
|------------------|------------------|--|--------------------------------|-------------|--------------------------------------|--|-------|----|
| W-1 | 3/2/2000 | 33.43 | None | 4.08 | 29.35 | NA | | |
| | 5/17/2000 | | None | 5.41 | 28.02 | NA | | |
| | 8/30/2000 | | None | 6.71 | 26.72 | NA | | |
| | 12/18/2000 | | None | 5.73 | 27.70 | NA | | |
| | 3/20/2001 | | None | 5.16 | 28.27 | NA | | |
| | 6/7/2001 | | None | 6.10 | 27.33 | NA | | |
| | 9/20/2001 | | None | 6.58 | 26.85 | NA | | |
| | 12/14/2001 | | None | 4.69 | 28.74 | NA | | |
| | 2/27/2002 | | None | 4.94 | 28.49 | NA | | |
| | 5/16/2002 | | None | 5.54 | 27.89 | NA | | |
| | 9/18/2002 | | None | 6.08 | 27.35 | NA | | |
| | 10/30/2002 | | None | 6.24 | 27.19 | NA | | |
| | 2/6/2003 | | None | 5.17 | 28.26 | NA | | |
| | 5/1/2003 | | None | 4.71 | 28.72 | NA | | |
| | 8/26/2003 | | None | 6.14 | 27.29 | NA | | |
| | W-2 | | 5/17/2000 | 34.21 | None | 5.60 | 28.61 | NA |
| | | | 8/30/2000 | | None | 7.37 | 26.84 | NA |
| 12/18/2000 | | None | 6.44 | | 27.77 | NA | | |
| 1/23/2001 | | | | | | abandoned | | |
| W-3 | 5/17/2000 | 37.46 | None | 6.38 | 31.08 | NA | | |
| | 8/30/2000 | | None | 8.16 | 29.30 | NA | | |
| | 12/18/2000 | | None | 7.19 | 30.27 | NA | | |
| | 3/20/2001 | | None | 5.70 | 31.76 | NA | | |
| | 6/7/2001 | | None | 7.51 | 29.95 | NA | | |
| | 9/20/2001 | | None | 7.83 | 29.63 | NA | | |
| | 12/14/2001 | | None | 4.76 | 32.70 | NA | | |
| | 2/27/2002 | | None | 5.32 | 32.14 | NA | | |
| | 5/16/2002 | | None | 6.45 | 31.01 | NA | | |
| | 9/18/2002 | | None | 7.10 | 30.36 | NA | | |
| | 10/30/2002 | | None | 7.30 | 30.16 | NA | | |
| | 2/6/2003 | | None | 5.69 | 31.77 | NA | | |
| | 5/1/2003 | | None | 4.97 | 32.49 | NA | | |
| 8/26/2003 | None | 7.52 | 29.94 | NA | | | | |

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | Top of Casing Elevation (ft-msl) | Product Thickness (feet) | DTW (feet) | Groundwater Elevation (ft-msl) | Groundwater Elevation Corrected from Product Thickness* |
|------|------------|--|--------------------------------|------------|--------------------------------------|--|
| W-4 | 3/2/2000 | 31.72 | None | 3.34 | 28.38 | NA |
| | 5/17/2000 | | None | 3.86 | 27.86 | NA |
| | 8/30/2000 | | None | 4.99 | 26.73 | NA |
| | 12/18/2000 | | None | 4.20 | 27.52 | NA |
| | 3/20/2001 | | None | 3.75 | 27.97 | NA |
| | 6/7/2001 | | None | 4.67 | 27.05 | NA |
| | 9/20/2001 | | None | 4.80 | 26.92 | NA |
| | 12/14/2001 | | None | 3.22 | 28.50 | NA |
| | 2/27/2002 | | None | 3.58 | 28.14 | NA |
| | 5/16/2002 | | None | 3.89 | 27.83 | NA |
| | 9/18/2002 | | None | 4.24 | 27.48 | NA |
| | 10/30/2002 | | None | 4.56 | 27.16 | NA |
| | 2/6/2003 | | None | 3.67 | 28.05 | NA |
| | 5/1/2003 | | None | 2.61 | 29.11 | NA |
| | 8/26/2003 | | None | 4.47 | 27.25 | NA |

Notes

* used 0.8 specific gravity of product
ft-msl: feet mean sea level
DTW: Depth to water
NA: not applicable

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | TPH-8015 (diesel) | TPH-8015 (gas) | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE | |
|------------------|------------------|-------------------|----------------|----------------|----------------|----------------|----------------|------------|----|
| MCL (ppb) | | None | None | 1.0 | 150 | 700 | 1750 | 13 | |
| MW-1 | 8/31/1999 | 310 | NA | <1.0 | 2.4 | 1 | 1.6 | NA | |
| | 11/23/1999 | 250 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 3/1/2000 | 310 | 62 | <1.0 | <1.0 | <1.0 | <2.0 | 687 | |
| | 5/17/2000 | 390 | 63 | <1.0 | <1.0 | <1.0 | <2.0 | 74 | |
| | 8/31/2000 | 180 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 49 | |
| | 12/18/2000 | 310 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 44 | |
| | 3/21/2001 | 240 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 17 | |
| | 6/7/2001 | 540 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 32 | |
| | 9/20/2001 | 290 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 29 | |
| | 2/27/2002 | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 14 | |
| | 9/18/2002 | 230 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 30 | |
| | 2/6/2003 | 82 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 17 | |
| | 8/26/2003 | 200 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 9.8 | |
| | MW-2 | 8/31/1999 | 180 | NA | <1.0 | <1.0 | <1.0 | 1.2 | NA |
| | | 11/23/1999 | 120 | NA | <1.0 | <1.0 | <1.0 | <5.0 | NA |
| 3/1/2000 | | 510 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 81 | |
| 5/17/2000 | | 1,100 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 87 | |
| 8/31/2000 | | 620 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 65 | |
| 12/19/2000 | | 830 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 70 | |
| 3/21/2001 | | 900 | <50 | <2.0 | <2.0 | <2.0 | <4.0 | 33 | |
| 6/7/2001 | | 810 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 43 | |
| 9/20/2001 | | 1,200 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 35 | |
| 2/27/2002 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 19 | |
| 9/18/2002 | | 180 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 17 | |
| 2/6/2003 | | 58 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 18 | |
| 8/26/2003 | | 150 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 15 | |
| MW-3 | | 8/31/1999 | 2,700 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| | | 11/23/1999 | 640 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| | 3/1/2000 | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 5/17/2000 | 620 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 8/31/2000 | 1,800 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 12/18/2000 | NA | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 3/21/2001 | 1,700 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 6/7/2001 | 770 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 9/21/2001 | 260 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 2/27/2002 | 560 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 9/18/2002 | 340 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 2/6/2003 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 3.9 | |
| | 8/26/2003 | 5,800 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 4.9 | |
| | MW-4 | 8/31/1999 | <50 | NA | <1.0 | <1.0 | <1.0 | 1.6 | NA |
| | | 11/23/1999 | <50 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| 3/1/2000 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 5/17/2000 | | 80 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 8/31/2000 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 12/18/2000 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 3/20/2001 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 6/7/2001 | | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| MW-5 | 8/31/1999 | 250 | NA | <1.0 | <1.0 | <1.0 | 1 | NA | |
| | 11/23/1999 | 300 | NA | <1.0 | <1.0 | <1.0 | <5.0 | NA | |
| | 3/1/2000 | 340 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 100 | |
| | 5/17/2000 | 230 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 86 | |
| | 8/31/2000 | 220 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 59 | |
| | 12/18/2000 | 360 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 57 | |
| | 3/20/2001 | 250 | <50 | <5.0 | <5.0 | <5.0 | <1.0 | 87 | |
| | 6/7/2001 | 600 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 74 | |

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | TPH-8015 (diesel) | TPH-8015 (gas) | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE | |
|------------------|------------------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|----|
| MCL (ppb) | | None | None | 1.0 | 150 | 700 | 1750 | 13 | |
| MW-6 | 8/31/1999 | 140,000 | NA | 77 | 18 | 31 | 49 | NA | |
| | 11/23/1999 | 6,100 | NA | 45 | 14 | 6.9 | 48 | NA | |
| | 3/1/2000 | 22,000 | 2800 | 6.8 | <2.0 | <2.0 | <10 | <5.0 | |
| | 5/17/2000 | 1,800 | 6200 | 77 | 16 | 39 | 37 | <5.0 | |
| | 8/31/2000 | 76,000 | 5300 | 60 | 13 | 43 | 45.7 | <5.0 | |
| | 12/19/2000 | 6,300 | 1300 | 26.0 | 4.9 | 8.4 | 11.5 | <5.0 | |
| | 3/21/2001 | 5,100 | 1900 | 49.0 | 9.5 | 13 | 12 | <10 | |
| | 6/7/2001 | 14,000 | 2600 | 47.0 | 10 | 13 | 19 | <10 | |
| | 9/21/2001 | 15,000 | 4000 | 180 | 14 | 24 | 40 | <50 | |
| | 2/27/2002 | 43,000 | 5000 | 68 | 16 | 52 | 41.8 | <25 | |
| | 9/18/2002 | 320,000 | 2000 | 74 | 7.3 | 22 | 25 | <5.0 | |
| | 2/6/2003 | 4,300 | 2600 | 63 | 8.2 | 18 | 15 | <1.0 | |
| | 8/26/2003 | 68,000 | 6500 | 110 | 16 | 44 | 42 | <10 | |
| | MW-7 | 8/31/1999 | 1,400 | NA | <1.0 | 2.9 | 2.3 | 2.7 | NA |
| | | 11/23/1999 | 530 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| 3/1/2000 | | 640 | 860 | <1.0 | <1.0 | <1.0 | <2.0 | <20 | |
| 5/17/2000 | | 430 | 410 | <1.0 | <1.0 | <1.0 | <2.0 | 9.5 | |
| 8/31/2000 | | 950 | 1100 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 12/18/2000 | | 1,100 | 820 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 3/20/2001 | | 770 | 1000 | <1.0 | 1.4 | <1.0 | <2.0 | <5.0 | |
| 6/7/2001 | | 1,400 | 870 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 9/21/2001 | | 940 | 1000 | <1.0 | <1.0 | <2.0 | <5.0 | <5.0 | |
| 2/27/2002 | | 430 | 930 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 9/18/2002 | | 440 | 870 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 2/6/2003 | | 230 | 890 | <0.5 | <0.5 | <0.5 | <1.0 | 1.6 | |
| 8/26/2003 | | 470 | 590 | <0.5 | <0.5 | <0.5 | <1.0 | 1.5 | |
| MW-8 | | 8/31/1999 | 230 | NA | <1.0 | <1.0 | 1.2 | <1.0 | NA |
| | | 11/23/1999 | 220 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| | 3/1/2000 | 260 | 150 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 5/17/2000 | 660 | 310 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 8/31/2000 | 460 | 300 | <1.0 | <1.0 | <1.0 | 1.4 | <5.0 | |
| | 12/18/2000 | 370 | 230 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 3/20/2001 | 1,700 | 64 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 6/7/2001 | 1,300 | 180 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | MW-9 | 8/31/1999 | 2,800 | NA | <1.0 | <1.0 | <1.0 | 1.1 | NA |
| | | 11/23/1999 | 1,300 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA |
| 3/1/2000 | | 510 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 5/17/2000 | | 990 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 8/31/2000 | | 1,100 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 12/18/2000 | | 1,900 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 5.9 | |
| 3/20/2001 | | 1,500 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 5.5 | |
| 6/7/2001 | | 590 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 8.1 | |
| 9/20/2001 | | 790 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 8.5 | |
| 2/27/2002 | | 650 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 9.5 | |
| 9/18/2002 | 480 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 6.2 | | |
| 2/6/2003 | 54 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 5.5 | | |
| 8/26/2003 | 1,300 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | 6.6 | | |

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | TPH-8015 (diesel) | TPH-8015 (gas) | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE | |
|------------------|------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| MCL (ppb) | | None | None | 1.0 | 150 | 700 | 1750 | 13 | |
| MW-10 | 8/31/1999 | 1,100 | NA | <1.0 | 1.2 | 2.0 | <1.0 | NA | |
| | 11/23/1999 | 1,200 | NA | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 3/1/2000 | 1,300 | 540 | <1.0 | <1.0 | <1.0 | <2.0 | NA | |
| | 5/17/2000 | 990 | 460 | <1.0 | <1.0 | <1.0 | <2.0 | 6.9 | |
| | 8/31/2000 | 840 | 320 | <1.0 | <1.0 | <1.0 | <2.0 | 25 | |
| | 12/18/2000 | 900 | 290 | <1.0 | <1.0 | <1.0 | <2.0 | <9.0 | |
| | 3/21/2001 | 620 | 220 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 6/7/2001 | 1,300 | 360 | <1.0 | <1.0 | <1.0 | <2.0 | 15 | |
| | 9/20/2001 | 1,000 | 350 | <1.0 | <1.0 | <1.0 | <2.0 | 44 | |
| | 2/27/2002 | 610 | 150 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| | 9/18/2002 | 850 | 240 | <1.0 | 1.2 | <1.0 | <2.0 | 20 | |
| | 2/6/2003 | 510 | 200 | <0.5 | <0.5 | <0.5 | <1.0 | 2.8 | |
| | 8/26/2003 | 1,100 | 250 | <0.5 | <0.5 | <0.5 | <1.0 | 14 | |
| | MW-11 | 9/20/2001 | 460 | 88 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | | 12/14/2002 | 320 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| 2/27/2002 | | <50 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 5/16/2002 | | 380 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 9/18/2002 | | 250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | |
| 10/30/2002 | | 260 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | |
| 2/6/2003 | | 250 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | <1.0 | |
| 5/1/2003 | | 220 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | <1.0 | |
| 8/26/2003 | | 300 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | <1.0 | |
| 9/20/2001 | | 540 | 960 | <1.0 | <1.0 | <2.0 | <5.0 | 11 | |
| MW-12 | 12/14/2002 | 170 | 670 | <1.0 | <1.0 | <1.0 | <2.0 | 9.4 | |
| | 2/27/2002 | 350 | 950 | <1.0 | <1.0 | <1.0 | <2.0 | 11 | |
| | 5/16/2002 | 500 | 1100 | <1.0 | <1.0 | <1.0 | <2.0 | 6.7 | |
| | 9/18/2002 | 1,600 | 570 | <1.0 | <1.0 | <1.0 | <3.0 | 7.1 | |
| | 10/30/2002 | 440 | 420 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | |
| | 2/6/2003 | 190 | 340 | <0.5 | <0.5 | <0.5 | <1.0 | 6.8 | |
| | 5/1/2003 | 580 | 950 | <2.5 | <2.5 | 3.7 | 9.0 | 8.8 | |
| | 8/26/2003 | 110 | 260 | <0.5 | <0.5 | <0.5 | <1.0 | 11 | |
| | 9/21/2001 | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 7.4 | |
| | 12/14/2002 | 160 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | 11 | |
| 2/27/2002 | 1,100 | 450 | <1.0 | <5.0 | <1.0 | <2.0 | 9.9 | | |
| W-1 | 5/16/2002 | 520 | 150 | <1.0 | <1.0 | <1.0 | <2.0 | 8.7 | |
| | 3/2/2000 | 1,800 | 3400 | 20.0 | 5.3 | 30 | 23.8 | <5.0 | |
| | 5/17/2000 | 1,100 | 7300 | 35.0 | 11 | 59 | 45 | <1.0 | |
| | 8/31/2000 | 2,200 | 6200 | 20.0 | 7.9 | 36 | 38.2 | <10 | |
| | 12/19/2000 | 1,700 | 5600 | 20.0 | 8.4 | 30 | 35.6 | <5.0 | |
| | 3/20/2001 | 2,100 | 7200 | 32.0 | 13 | 56 | 40 | <10 | |
| | 6/7/2001 | 2,100 | 7300 | 26.0 | 18 | 42 | 38.3 | <10 | |
| | 9/21/2001 | 1,800 | 7100 | 27 | <10 | 48 | 40 | <10 | |
| | 2/27/2002 | 1,800 | 7100 | 24 | 9 | 52 | 34 | <25 | |
| | 2/6/2003 | 990 | 5300 | 11 | 4.7 | 27 | 24 | <1.0 | |
| 8/26/2003 | 1,700 | 5800 | 7.5 | 5.4 | 24 | 25 | <10 | | |

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

| Well | Date | TPH-8015 (diesel) | TPH-8015 (gas) | Benzene | Toluene | Ethylbenzene | Xylenes | MTBE |
|-----------|------------|-------------------|----------------|---------|---------|--------------|---------|------|
| MCL (ppb) | | None | None | 1.0 | 150 | 700 | 1750 | 13 |
| W-2 | 9/18/2002 | 1,000 | 5900 | 11 | <22 | 23 | 22 | <5.0 |
| | 5/17/2000 | 19,000 | 870 | <2.0 | <1.0 | <2.0 | <4.0 | <5.0 |
| | 8/31/2000 | 7,400 | 2200 | 4.6 | 2.5 | 3.8 | 11 | <5.0 |
| W-3 | 12/19/2000 | 10,000 | 290 | 8.8 | 3.4 | 8.6 | 17.4 | <5.0 |
| | 5/17/2000 | <50 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 8/31/2000 | <50 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 12/18/2000 | <250 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| W-4 | 3/20/2001 | 630 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 6/7/2001 | 1,200 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 3/2/2000 | 190 | <50 | 1.1 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 5/17/2000 | 230 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 8/31/2000 | 240 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 12/19/2000 | 320 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 3/21/2001 | 220 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |
| | 6/7/2001 | 430 | <50 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 |

Notes:

ppb: parts per billion

TPH: Total Petroleum Hydrocarbons

MTBE: methyl tert butylether

MCL: Maximum Contaminant Level

NA: not analyzed

APPENDIX A

**CHAIN-OF-CUSTODY DOCUMENTATION
FIELD DATA SHEETS
CERTIFIED ANALYTICAL REPORTS**

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

September 04, 2003

Brad Wright
Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501

Order: 35587
Project Name:
Project Number:
Project Notes:

Date Collected: 8/26/2003
Date Received: 8/26/2003
P.O. Number: Verbal

On August 26, 2003, samples were received under documented chain of custody. Results for the following analyses are attached:

| <u>Matrix</u> | <u>Test</u> | <u>Method</u> |
|---------------|------------------------|-----------------------------|
| Liquid | EPA 8021B by EPA 8260B | EPA 8260B |
| | Nitrate as N | EPA 300.0 |
| | PDF | PDF |
| | Sulfate by IC | EPA 300.0 |
| | TPH as Diesel | EPA 8015 MOD. (Extractable) |
| | TPH as Gasoline | EPA 8015 MOD. (Purgeable) |
| | TPH as Motor Oil | EPA 8015 MOD. (Extractable) |

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,



Patti Sandrock
QA/QC Manager

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

| Order ID: 35587 | Lab Sample ID: 35587-002 | Client Sample ID: MW-11 | | | | | | |
|-----------------------------|---------------------------------|--------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 9:35 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 67 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-003 | Client Sample ID: MW-9 | | | | | | |
|-----------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 9:55 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 34 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

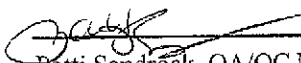
| Order ID: 35587 | Lab Sample ID: 35587-004 | Client Sample ID: MW-6 | | | | | | |
|------------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 10:45 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 6.9 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-005 | Client Sample ID: MW-12 | | | | | | |
|------------------------------|---------------------------------|--------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 11:20 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 7.3 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-006 | Client Sample ID: MW-10 | | | | | | |
|------------------------------|---------------------------------|--------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 11:50 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | ND | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

| Order ID: 35587 | Lab Sample ID: 35587-007 | Client Sample ID: MW-2 | | | | | | |
|------------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 12:15 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | 1.0 | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 60 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-008 | Client Sample ID: MW-3 | | | | | | |
|------------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 12:35 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | 4.5 | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 67 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-009 | Client Sample ID: MW-7 | | | | | | |
|-----------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 1:00 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 1.4 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-010 | Client Sample ID: MW-1 | | | | | | |
|-----------------------------|---------------------------------|-------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 1:20 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | ND | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 59 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

| Order ID: 35587 | Lab Sample ID: 35587-011 | Client Sample ID: W-1 | | | | | | |
|-----------------------------|---------------------------------|------------------------------|-----|-----|-------|---------------|-------------|-----------|
| Sample Time: 1:45 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | |
| Parameter | Result | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
| Nitrate as N | 0.20 | 1 | 0.2 | 0.2 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |
| Sulfate | 1.3 | 1 | 0.5 | 0.5 | mg/L | 8/28/2003 | WIC030827 | EPA 300.0 |

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

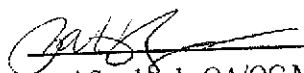
Certified Analytical Report

| Order ID: 35587 | Lab Sample ID: 35587-002 | Client Sample ID: MW-11 | | | | | | | | |
|----------------------|---|-------------------------|----|-----|-----|--------------------------|-----------------|-----------------------------|-------------|--------------------------------|
| Sample Time: 9:35 AM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | | | |
| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
| TPH as Diesel | 300 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 8/30/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 101.0 | | Control Limits (%) 21 - 142 |
| Comment: | Not a TPH as Diesel pattern; Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Diesel quantitation range. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|-----------------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Gasoline | ND | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene | | Surrogate Recovery 95.6 | | Control Limits (%) 65 - 135 |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|---|------|----|-----|-----|--------------------------|-----------------|-----------------------------|-------------|--------------------------------|
| TPH as Motor Oil | 280 | x | 1 | 250 | 250 | µg/L | 8/27/2003 | 8/30/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 101.0 | | Control Limits (%) 32 - 145 |
| Comment: | Not a TPH as Motor Oil pattern; Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Motor Oil quantitation range. | | | | | | | | | |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
 101 W. Atlantic Ave., Bldg#90
 Alameda, CA 94501
 Attn: Brad Wright

Date: 09/04/03
 Date Received: 8/26/2003
 Project Name:
 Project Number:
 P.O. Number: Verbal
 Sampled By: Client

Certified Analytical Report

Order ID: 35587 Lab Sample ID: 35587-003 Client Sample ID: MW-9
 Sample Time: 9:55 AM Sample Date: 8/26/2003 Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|---------------|--------|------|----|-----|-----|--------------------------|----------------------------|---------------|--------------------------------|--------------------------------|
| TPH as Diesel | 1300 | x | 2 | 50 | 100 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 83.0 | | Control Limits (%) 21 - 142 | |

Comment: Not a TPH as Diesel pattern; Value due to a hydrocarbon (C11 - C40), overlapping into the Diesel quantitation range.

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|-----------------------------------|----------------------------|---------------|--------------------------------|------------------------------|
| TPH as Gasoline | ND | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene | Surrogate Recovery 98.1 | | Control Limits (%) 65 - 135 | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|--------------------------|----------------------------|---------------|--------------------------------|--------------------------------|
| TPH as Motor Oil | 960 | x | 2 | 250 | 500 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 83.0 | | Control Limits (%) 32 - 145 | |

Comment: Not a Motor Oil pattern; Value due to a hydrocarbon (C11 - C40), overlapping into the Motor Oil quantitation range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


 Patti Sandfcock, QA/QC Manager

Environmental Analysis Since 1983

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Cameron-Cole
 101 W. Atlantic Ave., Bldg#90
 Alameda, CA 94501
 Attn: Brad Wright

Date: 09/04/03
 Date Received: 8/26/2003
 Project Name:
 Project Number:
 P.O. Number: Verbal
 Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-004

Client Sample ID: MW-6

Sample Time: 10:45 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|---------------|--------|------|----|-----|------|-------|-----------------|---------------|-------------|--------------------------------|
| TPH as Diesel | 68000 | x | 50 | 50 | 2500 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |

Surrogate o-Terphenyl Surrogate Recovery 98.0 Control Limits (%) 21 - 142

Comment: Not a TPH as Diesel pattern; Value due to an unknown hydrocarbon (C8 - C22), in the Diesel quantitation range.

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|------|-------|-----------------|---------------|-------------|------------------------------|
| TPH as Gasoline | 6500 | | 25 | 50 | 1250 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |

Surrogate 4-Bromofluorobenzene Surrogate Recovery 130.2 Control Limits (%) 65 - 135

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-------|-------|-----------------|---------------|-------------|--------------------------------|
| TPH as Motor Oil | ND | | 50 | 250 | 12500 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |

Surrogate o-Terphenyl Surrogate Recovery 98.0 Control Limits (%) 32 - 145

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


 Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Cameron-Cole
 101 W. Atlantic Ave., Bldg#90
 Alameda, CA 94501
 Attn: Brad Wright

Date: 09/04/03
 Date Received: 8/26/2003
 Project Name:
 Project Number:
 P.O. Number: Verbal
 Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-005

Client Sample ID: MW-12

Sample Time: 11:20 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|---|------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Diesel | 110 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 35.0 | | Control Limits (%) 21 - 142 |
| Comment: | Not a TPH as Diesel pattern. Value due to a combination of an unknown hydrocarbon (C14 - C35), overlapping into the Diesel quantitation range, and possibly gasoline. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--|------|----|-----|-----|---|-----------------|----------------------------------|-------------|--|
| TPH as Gasoline | 260 | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene aaa-Trifluorotoluene | | Surrogate Recovery NR 90.7 | | Control Limits (%) 65 - 135 65 - 135 |
| Comment: | High surrogate recovery for 4-BFB due to matrix interference. See TFT results. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Motor Oil | ND | | 1 | 250 | 250 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 35.0 | | Control Limits (%) 32 - 145 |

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587 Lab Sample ID: 35587-006 Client Sample ID: MW-10
Sample Time: 11:50 AM Sample Date: 8/26/2003 Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|---------------|--------|------|----|-----|-----|--------------------------|-----------------|-----------------------------|-------------|--------------------------------|
| TPH as Diesel | 1100 | | 1 | 50 | 50 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 106.0 | | Control Limits (%) 21 - 142 |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|---|-----------------|----------------------------------|-------------|--|
| TPH as Gasoline | 250 | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene aaa-Trifluorotoluene | | Surrogate Recovery NR 95.5 | | Control Limits (%) 65 - 135 65 - 135 |


Comment: High surrogate recovery for 4-BFB due to matrix interference. See TFT results.

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|--------------------------|-----------------|-----------------------------|-------------|--------------------------------|
| TPH as Motor Oil | 290 | x | 1 | 250 | 250 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 106.0 | | Control Limits (%) 32 - 145 |

Comment: Reported Motor Oil value is a result of overlapping Diesel into the Motor Oil quantitation range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

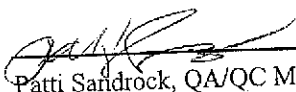
Certified Analytical Report

| Order ID: 35587 | Lab Sample ID: 35587-007 | Client Sample ID: MW-2 | | | | | | | | |
|-----------------------|--|------------------------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| Sample Time: 12:15 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | | | |
| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
| TPH as Diesel | 150 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 93.0 | | Control Limits (%) 21 - 142 |
| Comment: | Not a TPH as Diesel pattern; Value due to a hydrocarbon (C14 - C36), overlapping into the Diesel quantitation range. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|-----------------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Gasoline | ND | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene | | Surrogate Recovery 98.0 | | Control Limits (%) 65 - 135 |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Motor Oil | ND | | 1 | 250 | 250 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 93.0 | | Control Limits (%) 32 - 145 |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Cameron-Cole
 101 W. Atlantic Ave., Bldg#90
 Alameda, CA 94501
 Attn: Brad Wright

Date: 09/04/03
 Date Received: 8/26/2003
 Project Name:
 Project Number:
 P.O. Number: Verbal
 Sampled By: Client

Certified Analytical Report

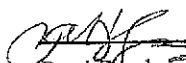
Order ID: 35587 Lab Sample ID: 35587-008 Client Sample ID: MW-3
 Sample Time: 12:35 PM Sample Date: 8/26/2003 Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|---|------|----|-----|------|--------------------------|----------------------------|---------------|--------------------------------|--------------------------------|
| TPH as Diesel | 5800 | x | 20 | 50 | 1000 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 79.0 | | Control Limits (%) 21 - 142 | |
| Comment: | Not a TPH as Diesel pattern; Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Diesel quantitation range. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|-----------------------------------|----------------------------|---------------|--------------------------------|------------------------------|
| TPH as Gasoline | ND | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene | Surrogate Recovery 95.7 | | Control Limits (%) 65 - 135 | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|---|------|----|-----|------|--------------------------|----------------------------|---------------|--------------------------------|--------------------------------|
| TPH as Motor Oil | 7800 | x | 20 | 250 | 5000 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 79.0 | | Control Limits (%) 32 - 145 | |
| Comment: | Not a TPH as Motor Oil pattern; Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Motor Oil quantitation range. | | | | | | | | | |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-009

Client Sample ID: MW-7

Sample Time: 1:00 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|---------------|--------|------|----|-----|-----|-------|-----------------|---------------|-------------|--------------------------------|
| TPH as Diesel | 470 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |

Surrogate o-Terphenyl
Surrogate Recovery 90.0
Control Limits (%) 21 - 142

Comment: Not a TPH as Diesel pattern. Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Diesel quantitation range, and discrete peaks within the Diesel range.

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|-------|-----------------|---------------|-------------|------------------------------|
| TPH as Gasoline | 590 | | 1 | 50 | 50 | µg/L | N/A | 8/27/2003 | WGC42918 | EPA 8015 MOD. (Purgeable) |

Surrogate 4-Bromofluorobenzene
Surrogate Recovery NR
Control Limits (%) 65 - 135
Surrogate aaa-Trifluorotoluene
Surrogate Recovery 76.1
Control Limits (%) 65 - 135

Comment: High surrogate recovery for 4-BFB due to matrix interference. See TFT results.

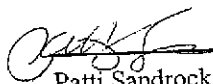
| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|-------|-----------------|---------------|-------------|--------------------------------|
| TPH as Motor Oil | 370 | x | 1 | 250 | 250 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |

Surrogate o-Terphenyl
Surrogate Recovery 90.0
Control Limits (%) 32 - 145

Comment: Not a Motor Oil pattern. Value due to an unknown hydrocarbon (C14 - C37), overlapping into the Motor Oil quantitation range, and discrete peaks within the Motor Oil range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

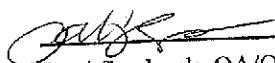
Certified Analytical Report

| Order ID: 35587 | Lab Sample ID: 35587-010 | Client Sample ID: MW-1 | | | | | | | | |
|----------------------|--|------------------------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| Sample Time: 1:20 PM | Sample Date: 8/26/2003 | Matrix: Liquid | | | | | | | | |
| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
| TPH as Diesel | 200 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 69.0 | | Control Limits (%) 21 - 142 |
| Comment: | Not a TPH as Diesel pattern; Value due to an unknown hydrocarbon (C8 - C36), overlapping into the Diesel quantitation range. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--------|------|----|-----|-----|---|-----------------|-----------------------------------|-------------|--|
| TPH as Gasoline | ND | | 1 | 50 | 50 | µg/L | N/A | 8/28/2003 | WGC42919 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene aaa-Trifluorotoluene | | Surrogate Recovery 100.9 .0 | | Control Limits (%) 65 - 135 65 - 135 |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|--------|------|----|-----|-----|--------------------------|-----------------|----------------------------|-------------|--------------------------------|
| TPH as Motor Oil | ND | | 1 | 250 | 250 | µg/L | 8/27/2003 | 8/29/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | | Surrogate Recovery 69.0 | | Control Limits (%) 32 - 145 |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587 Lab Sample ID: 35587-011 Client Sample ID: W-1
Sample Time: 1:45 PM Sample Date: 8/26/2003 Matrix: Liquid


| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--|------|----|-----|-----|--------------------------|-----------------------------|---------------|--------------------------------|-----------------------------|
| TPH as Diesel | 1700 | x | 1 | 50 | 50 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 103.0 | | Control Limits (%) 21 - 142 | |
| Comment: | Not a TPH as Diesel pattern. Possible gasoline compounds in the TPH as Diesel range, and an unknown hydrocarbon (C18 - C37), overlapping into the Diesel quantitation range. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|-----------------|--|------|----|-----|------|---|-------------------------------------|---------------|--|---------------------------|
| TPH as Gasoline | 5800 | | 25 | 50 | 1250 | µg/L | N/A | 8/28/2003 | WGC42919 | EPA 8015 MOD. (Purgeable) |
| | | | | | | Surrogate 4-Bromofluorobenzene aaa-Trifluorotoluene | Surrogate Recovery 183.8 83.7 | | Control Limits (%) 65 - 135 65 - 135 | |
| Comment: | High surrogate recovery for 4-BFB due to matrix interference. See TFT results. | | | | | | | | | |

| Parameter | Result | Flag | DF | PQL | DLR | Units | Extraction Date | Analysis Date | QC Batch ID | Method |
|------------------|---|------|----|-----|-----|--------------------------|-----------------------------|---------------|--------------------------------|-----------------------------|
| TPH as Motor Oil | 480 | x | 1 | 250 | 250 | µg/L | 8/27/2003 | 9/2/2003 | DW4410A | EPA 8015 MOD. (Extractable) |
| | | | | | | Surrogate o-Terphenyl | Surrogate Recovery 103.0 | | Control Limits (%) 32 - 145 | |
| Comment: | Not a Motor Oil pattern; Value due to an unknown hydrocarbon (C18 - C37), overlapping into the Motor Oil quantitation range, and discrete peaks within the Motor Oil range. | | | | | | | | | |

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA BLAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-001

Client Sample ID: TB-01

Sample Time: 9:15 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |

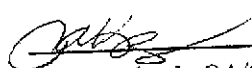
DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
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Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-001

Client Sample ID: TB-01

Sample Time: 9:15 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|----------------------|------|----|---------------------------|-----|-------|---------------------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| | Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | |
| | 4-Bromofluorobenzene | | | 97.1 | | | 68 - 118 | | |
| | Dibromofluoromethane | | | 114.0 | | | 57 - 156 | | |
| | Toluene-d8 | | | 102.0 | | | 77 - 150 | | |


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Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-002

Client Sample ID: MW-11

Sample Time: 9:35 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |


DF = Dilution Factor

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PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-002

Client Sample ID: MW-11

Sample Time: 9:35 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|------|--------------------|-----|-----|--------------------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | | |
| 4-Bromofluorobenzene | | | 97.6 | | | 68 - 118 | | | |
| Dibromofluoromethane | | | 121.0 | | | 57 - 156 | | | |
| Toluene-d8 | | | 101.0 | | | 77 - 150 | | | |

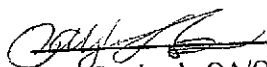
DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-003

Client Sample ID: MW-9

Sample Time: 9:55 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 6.6 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |


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DLR = Detection Limit Reported

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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-003

Client Sample ID: MW-9

Sample Time: 9:55 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|--------------------|----|-----|--------------------|-------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Surrogate | | Surrogate Recovery | | | Control Limits (%) | | | | |
| 4-Bromofluorobenzene | | 95.2 | | | 68 - 118 | | | | |
| Dibromofluoromethane | | 126.0 | | | 57 - 156 | | | | |
| Toluene-d8 | | 102.0 | | | 77 - 150 | | | | |

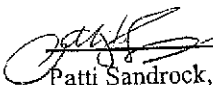
DF = Dilution Factor

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101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-004

Client Sample ID: MW-6

Sample Time: 10:45 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Benzene | 110 | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | 44 | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | ND | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 10 | 5 | 50 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Toluene | 16 | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |

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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-004

Client Sample ID: MW-6

Sample Time: 10:45 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|----------------------|------|----|---------------------------|-----|-------|---------------------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 10 | 0.5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | 42 | | 10 | 1 | 10 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| | Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | |
| | 4-Bromofluorobenzene | | | 95.5 | | | 68 - 118 | | |
| | Dibromofluoromethane | | | 99.4 | | | 57 - 156 | | |
| | Toluene-d8 | | | 98.6 | | | 77 - 150 | | |

Comment: Sample diluted due to high concentrations of non-target hydrocarbons.


DF = Dilution Factor

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PQL = Practical Quantitation Limit

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-005

Client Sample ID: MW-12

Sample Time: 11:20 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 11 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |

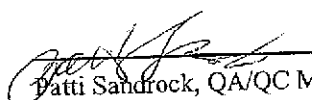
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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-005

Client Sample ID: MW-12

Sample Time: 11:20 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|------|--------------------|-----|-----|--------------------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | | |
| 4-Bromofluorobenzene | | | 104.0 | | | 68 - 118 | | | |
| Dibromofluoromethane | | | 124.0 | | | 57 - 156 | | | |
| Toluene-d8 | | | 96.2 | | | 77 - 150 | | | |


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-006

Client Sample ID: MW-10

Sample Time: 11:50 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 14 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-006

Client Sample ID: MW-10

Sample Time: 11:50 AM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|--------------------|----|-----|--------------------|-------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Surrogate | | Surrogate Recovery | | | Control Limits (%) | | | | |
| 4-Bromofluorobenzene | | 99.9 | | | 68 - 118 | | | | |
| Dibromofluoromethane | | 113.0 | | | 57 - 156 | | | | |
| Toluene-d8 | | 103.0 | | | 77 - 150 | | | | |

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-007

Client Sample ID: MW-2

Sample Time: 12:15 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 15 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |

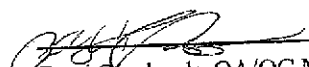
DF = Dilution Factor

ND = Not Detected

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PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-007

Client Sample ID: MW-2

Sample Time: 12:15 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|----------------------|------|----|---------------------------|-----|-------|---------------------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| | Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | |
| | 4-Bromofluorobenzene | | | 95.0 | | | 68 - 118 | | |
| | Dibromofluoromethane | | | 127.0 | | | 57 - 156 | | |
| | Toluene-d8 | | | 102.0 | | | 77 - 150 | | |


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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-008

Client Sample ID: MW-3

Sample Time: 12:35 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 4.9 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |


DF = Dilution Factor

ND = Not Detected

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PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-008

Client Sample ID: MW-3

Sample Time: 12:35 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|----------------------|------|----|---------------------------|-----|-------|---------------------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| | Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | |
| | 4-Bromofluorobenzene | | | 94.5 | | | 68 - 118 | | |
| | Dibromofluoromethane | | | 127.0 | | | 57 - 156 | | |
| | Toluene-d8 | | | 103.0 | | | 77 - 150 | | |

DF = Dilution Factor

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-009

Client Sample ID: MW-7

Sample Time: 1:00 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 1.5 | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |

DF = Dilution Factor

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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-009

Client Sample ID: MW-7

Sample Time: 1:00 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|------|---------------------------|-----|-----|---------------------------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/30/2003 | WMS110231 | EPA 8260B |
| Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | | |
| 4-Bromofluorobenzene | | | 106.0 | | | 68 - 118 | | | |
| Dibromofluoromethane | | | 105.0 | | | 57 - 156 | | | |
| Toluene-d8 | | | 98.4 | | | 77 - 150 | | | |

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-010

Client Sample ID: MW-1

Sample Time: 1:20 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromodichloromethane | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromoform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Bromomethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Carbon Tetrachloride | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chlorobenzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloroform | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Chloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dibromochloromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Ethyl Benzene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Freon 113 | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methyl-t-butyl Ether | 9.8 | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Methylene Chloride | ND | | 1 | 5 | 5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Tetrachloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Toluene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Trichloroethene | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |

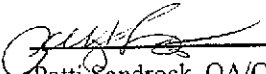
DF = Dilution Factor

ND = Not Detected

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Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandrock, QA/QC Manager

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-010

Client Sample ID: MW-1

Sample Time: 1:20 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|--------|--------------------|----|--------------------|-----|-------|---------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 1 | 0.5 | 0.5 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Vinyl Chloride | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Xylenes, Total | ND | | 1 | 1 | 1 | µg/L | 8/29/2003 | WMS110231 | EPA 8260B |
| Surrogate | | Surrogate Recovery | | Control Limits (%) | | | | | |
| 4-Bromofluorobenzene | | 98.5 | | 68 - 118 | | | | | |
| Dibromofluoromethane | | 117.0 | | 57 - 156 | | | | | |
| Toluene-d8 | | 101.0 | | 77 - 150 | | | | | |


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Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-011

Client Sample ID: W-1

Sample Time: 1:45 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|---------------------------|--------|------|----|-----|-----|-------|---------------|-------------|-----------|
| 1,1,1-Trichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,1,2-Trichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,1-Dichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,1-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,2-Dibromoethane (EDB) | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,2-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,2-Dichloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,2-Dichloropropane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,3-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| 1,4-Dichlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Benzene | 7.5 | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Bromodichloromethane | ND | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Bromoform | ND | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Bromomethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Carbon Tetrachloride | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Chlorobenzene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Chloroethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Chloroform | ND | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Chloromethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| cis-1,2-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| cis-1,3-Dichloropropene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Dibromochloromethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Dichlorodifluoromethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Ethyl Benzene | 24 | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Freon 113 | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Methyl-t-butyl Ether | ND | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Methylene Chloride | ND | | 10 | 5 | 50 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Tetrachloroethene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Toluene | 5.4 | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| trans-1,2-Dichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| trans-1,3-Dichloropropene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Trichloroethene | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |

DF = Dilution Factor

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Cameron-Cole
101 W. Atlantic Ave., Bldg#90
Alameda, CA 94501
Attn: Brad Wright

Date: 09/04/03
Date Received: 8/26/2003
Project Name:
Project Number:
P.O. Number: Verbal
Sampled By: Client

Certified Analytical Report

Order ID: 35587

Lab Sample ID: 35587-011

Client Sample ID: W-1

Sample Time: 1:45 PM

Sample Date: 8/26/2003

Matrix: Liquid

| Parameter | Result | Flag | DF | PQL | DLR | Units | Analysis Date | QC Batch ID | Method |
|------------------------|----------------------|------|----|---------------------------|-----|-------|---------------------------|-------------|-----------|
| Trichlorofluoromethane | ND | | 10 | 0.5 | 5 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Vinyl Chloride | ND | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| Xylenes, Total | 25 | | 10 | 1 | 10 | µg/L | 9/2/2003 | WMS110235 | EPA 8260B |
| | Surrogate | | | Surrogate Recovery | | | Control Limits (%) | | |
| | 4-Bromofluorobenzene | | | 98.9 | | | 68 - 118 | | |
| | Dibromofluoromethane | | | 119.0 | | | 57 - 156 | | |
| | Toluene-d8 | | | 104.0 | | | 77 - 150 | | |

Comment: Sample diluted due to high concentrations of non-target hydrocarbons.

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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STANDARD LAB QUALIFIERS (FLAGS)

All Entech lab reports now reference standard lab qualifiers. These qualifiers are noted in the adjacent column to the analytical result and are adapted from the U.S. EPA CLP program. The current qualifier list is as follows:

| Qualifier (Flag) | Description |
|---------------------|--|
| U | Compound was analyzed for but not detected |
| J | Estimated value for tentatively identified compounds or if result is below PQL but above MDL |
| N | Presumptive evidence of a compound (for Tentatively Identified Compounds) |
| B | Analyte is found in the associated Method Blank |
| E | Compounds whose concentrations exceed the upper level of the calibration range |
| D | Multiple dilutions reported for analysis; discrepancies between analytes may be due to dilution |
| x | Results within quantitation range; chromatographic pattern not typical of fuel |
| c | Reported results affected by contaminated reagent materials. See narrative for further explanation |

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: DW4410A
Matrix: Liquid

Units: $\mu\text{g/L}$
Date Analyzed: 8/27/2003

| Parameter | Method | Blank Result | Spike Sample ID | Spike Amount | Sample Result | Spike Result | QC Type | % Recovery | RPD | RPD Limits | Recovery Limits |
|----------------------------|------------------|--------------|-----------------|---------------------------|---------------|---------------------------|---------|------------|------|------------|-----------------|
| Test: TPH as Diesel | | | | | | | | | | | |
| TPH as Diesel | EPA 8015 M | ND | | 1000 | | 858.67 | LCS | 85.9 | | | 51.7 - 126.0 |
| | Surrogate | | | Surrogate Recovery | | Control Limits (%) | | | | | |
| | o-Terphenyl | | | 100.0 | | 21 - 142 | | | | | |
| Test: TPH as Diesel | | | | | | | | | | | |
| TPH as Diesel | EPA 8015 M | ND | | 1000 | | 918.91 | LCSD | 91.9 | 6.78 | 25.00 | 51.7 - 126.0 |
| | Surrogate | | | Surrogate Recovery | | Control Limits (%) | | | | | |
| | o-Terphenyl | | | 96.0 | | 21 - 142 | | | | | |

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: WGC42918
 Matrix: Liquid

Units: µg/L
 Date Analyzed: 8/27/2003

| Parameter | Method | Blank Result | Spike Sample ID | Spike Amount | Sample Result | Spike Result | QC Type | % Recovery | RPD | RPD Limits | Recovery Limits |
|-----------------------|-----------------|---------------|----------------------|--------------|--------------------|--------------|---------|------------|------|------------|-----------------|
| Test: TPH as Gasoline | TPH as Gasoline | EPA 8015 M ND | | 250 | | 230.4 | LCS | 92.2 | | | 65.0 - 135.0 |
| | | | Surrogate Recovery | | Control Limits (%) | | | | | | |
| | | | 4-Bromofluorobenzene | 82.2 | 65 - 135 | | | | | | |
| Test: TPH as Gasoline | TPH as Gasoline | EPA 8015 M ND | | 250 | | 233.8 | LCSD | 93.5 | 1.46 | 25.00 | 65.0 - 135.0 |
| | | | Surrogate Recovery | | Control Limits (%) | | | | | | |
| | | | 4-Bromofluorobenzene | 85.7 | 65 - 135 | | | | | | |

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: WGC42919
 Matrix: Liquid

Units: $\mu\text{g/L}$
 Date Analyzed: 8/28/2003

| Parameter | Method | Blank Result | Spike Sample ID | Spike Amount | Sample Result | Spike Result | QC Type | % Recovery | RPD | RPD Limits | Recovery Limits |
|------------------------------|------------|--------------------|-----------------|--------------------|---------------|--------------|---------|------------|------|------------|-----------------|
| Test: TPH as Gasoline | | | | | | | | | | | |
| TPH as Gasoline | EPA 8015 M | ND | | 250 | | 232. | LCS | 92.8 | | | 65.0 - 135.0 |
| Surrogate | | Surrogate Recovery | | Control Limits (%) | | | | | | | |
| 4-Bromofluorobenzene | | 85.4 | | 65 - 135 | | | | | | | |
| Test: TPH as Gasoline | | | | | | | | | | | |
| TPH as Gasoline | EPA 8015 M | ND | | 250 | | 240. | LCSD | 96.0 | 3.39 | 25.00 | 65.0 - 135.0 |
| Surrogate | | Surrogate Recovery | | Control Limits (%) | | | | | | | |
| 4-Bromofluorobenzene | | 85.9 | | 65 - 135 | | | | | | | |

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: WMS110231
 Matrix: Liquid

Units: µg/L
 Date Analyzed: 8/29/2003

| Parameter | Method | Blank Result | Spike Sample ID | Spike Amount | Sample Result | Spike Result | QC Type | % Recovery | RPD | RPD Limits | Recovery Limits |
|-------------------------------------|-----------|--------------|-----------------|---------------------------|---------------|---------------------------|---------|------------|------|------------|-----------------|
| Test: EPA 8021B by EPA 8260B | | | | | | | | | | | |
| 1,1-Dichloroethene | EPA 8260B | ND | | 20 | | 19 | LCS | 95.0 | | | 60.0 - 132.0 |
| Benzene | EPA 8260B | ND | | 20 | | 23.2 | LCS | 116.0 | | | 77.0 - 154.0 |
| Chlorobenzene | EPA 8260B | ND | | 20 | | 20.5 | LCS | 102.5 | | | 66.0 - 141.0 |
| Toluene | EPA 8260B | ND | | 20 | | 19.3 | LCS | 96.5 | | | 47.0 - 137.0 |
| Trichloroethene | EPA 8260B | ND | | 20 | | 21 | LCS | 105.0 | | | 57.0 - 159.0 |
| Surrogate | | | | Surrogate Recovery | | Control Limits (%) | | | | | |
| 4-Bromofluorobenzene | | | | 90.9 | | 68 - 118 | | | | | |
| Dibromofluoromethane | | | | 96.4 | | 57 - 156 | | | | | |
| Toluene-d8 | | | | 92.6 | | 77 - 150 | | | | | |
| Test: EPA 8021B by EPA 8260B | | | | | | | | | | | |
| 1,1-Dichloroethene | EPA 8260B | ND | | 20 | | 18.6 | LCSD | 93.0 | 2.13 | 25.00 | 60.0 - 132.0 |
| Benzene | EPA 8260B | ND | | 20 | | 22.6 | LCSD | 113.0 | 2.62 | 25.00 | 77.0 - 154.0 |
| Chlorobenzene | EPA 8260B | ND | | 20 | | 20.3 | LCSD | 101.5 | 0.98 | 25.00 | 66.0 - 141.0 |
| Toluene | EPA 8260B | ND | | 20 | | 18.9 | LCSD | 94.5 | 2.09 | 25.00 | 47.0 - 137.0 |
| Trichloroethene | EPA 8260B | ND | | 20 | | 20.3 | LCSD | 101.5 | 3.39 | 25.00 | 57.0 - 159.0 |
| Surrogate | | | | Surrogate Recovery | | Control Limits (%) | | | | | |
| 4-Bromofluorobenzene | | | | 90.7 | | 68 - 118 | | | | | |
| Dibromofluoromethane | | | | 96.9 | | 57 - 156 | | | | | |
| Toluene-d8 | | | | 94.3 | | 77 - 150 | | | | | |

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WMS110235
Matrix: Liquid

Units: µg/L
Date Analyzed: 9/2/2003

| Parameter | Method | Blank Result | Spike Sample ID | Spike Amount | Sample Result | Spike Result | QC Type | % Recovery | RPD | RPD Limits | Recovery Limits |
|-------------------------------------|-----------|--------------|-----------------|--------------|---------------|--------------|---------|------------|-----|------------|-----------------|
| Test: EPA 8021B by EPA 8260B | | | | | | | | | | | |
| 1,1-Dichloroethene | EPA 8260B | ND | | 20 | | 19.1 | LCS | 95.5 | | | 60.0 - 132.0 |
| Benzene | EPA 8260B | ND | | 20 | | 23.3 | LCS | 116.5 | | | 77.0 - 154.0 |
| Chlorobenzene | EPA 8260B | ND | | 20 | | 19.8 | LCS | 99.0 | | | 66.0 - 141.0 |
| Toluene | EPA 8260B | ND | | 20 | | 19.1 | LCS | 95.5 | | | 47.0 - 137.0 |
| Trichloroethene | EPA 8260B | ND | | 20 | | 20.6 | LCS | 103.0 | | | 57.0 - 159.0 |

| Surrogate | Surrogate Recovery | Control Limits (%) |
|----------------------|--------------------|--------------------|
| 4-Bromofluorobenzene | 91.8 | 68 - 118 |
| Dibromofluoromethane | 98.0 | 57 - 156 |
| Toluene-d8 | 94.3 | 77 - 150 |

| | | | | | | | | | | | |
|-------------------------------------|-----------|----|--|----|--|------|------|-------|------|-------|--------------|
| Test: EPA 8021B by EPA 8260B | | | | | | | | | | | |
| 1,1-Dichloroethene | EPA 8260B | ND | | 20 | | 20.1 | LCSD | 100.5 | 5.10 | 25.00 | 60.0 - 132.0 |
| Benzene | EPA 8260B | ND | | 20 | | 24.5 | LCSD | 122.5 | 5.02 | 25.00 | 77.0 - 154.0 |
| Chlorobenzene | EPA 8260B | ND | | 20 | | 20.6 | LCSD | 103.0 | 3.96 | 25.00 | 66.0 - 141.0 |
| Toluene | EPA 8260B | ND | | 20 | | 19.6 | LCSD | 98.0 | 2.58 | 25.00 | 47.0 - 137.0 |
| Trichloroethene | EPA 8260B | ND | | 20 | | 21.3 | LCSD | 106.5 | 3.34 | 25.00 | 57.0 - 159.0 |

| Surrogate | Surrogate Recovery | Control Limits (%) |
|----------------------|--------------------|--------------------|
| 4-Bromofluorobenzene | 90.8 | 68 - 118 |
| Dibromofluoromethane | 98.8 | 57 - 156 |
| Toluene-d8 | 93.4 | 77 - 150 |

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

| | | | | |
|---|--------------------------|------------------------|---------------------------------|--------|
| Attention to: <i>Brad Wright</i> | Phone No.: (50) 769-3563 | Purchase Order No.: | Invoice to: (If Different) | Phone: |
| Company Name: <i>Quinn Corp LLC</i> | Fax No.: (50) 337-3444 | Project No.: | Company: | |
| Mailing Address: <i>10 W. Atlantic Ave. Bldg 90</i> | Email Address: | Project Name: | Billing Address: (If Different) | |
| City: <i>Alameda</i> | State: <i>CA</i> | Zip Code: <i>94501</i> | Project Location: | City: |
| | | | | State: |
| | | | | Zip: |

| | | | | | | | | |
|-------------------------|------------------|---|-------------|-----------|----------|------------|----------|--|
| Sampler: <i>TJ/AW</i> | Field Org. Code: | Turn Around Time <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input checked="" type="checkbox"/> 5 Day (std) <input type="checkbox"/> 6-10 Day (std) | | | | | | Preservative <i>HL</i> Volatile Organics by GC/MS: 601/602 621 8010 by 8260 MTBE by 8260 TPH by 8260 TPH as Gas/BTEX Diesel Gas/BTEX Motor Oil w/ Sliper Fuel Scan w/ Sliper Base/Neutral/Acid Organics 8270 Extractable Purgeable 8270-SIM PAHs PCBs - 8082 PH TSS SC TOC TRPH Oil & Grease CN Phenols Amors: F NO3 NO2 PO4 Perchlorate Metals - Circle Below Total Dissolved STL TCLP TO-14 TO-15 (Tedlar Bag Only) |
| Global ID: | Order ID: | Sample | Matrix | Composite | Grab | Containers | | |
| Client ID / Field Point | Lab. No. | Date | Time | | | | | |
| <i>W-1</i> | | <i>8/26/03</i> | <i>1345</i> | <i>W</i> | <i>X</i> | <i>3</i> | <i>X</i> | |
| | | | | | | <i>3</i> | <i>X</i> | |
| | | | | | | <i>2</i> | | |
| | | | | | | <i>1</i> | | |

| | | | | |
|-------------------------------------|---------------------------------|----------------------|-------------------|---|
| Relinquished by: <i>[Signature]</i> | Received by: <i>[Signature]</i> | Date: <i>8/26/03</i> | Time: <i>1400</i> | Special Instructions or Comments <input type="checkbox"/> EDD Report <input type="checkbox"/> PDF Report <input type="checkbox"/> EDF Report <input type="checkbox"/> NPDES Detection Limits Semi-Conductor Metals: Bi, Ce, Cs, Ga, Ge, In, Li, P, S, Ta, Te, Zr Metals: Al, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Sr, Ti, Sn, Tl, Zn, V, W <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17 |
| Relinquished by: | Received by: | Date: | Time: | |
| Relinquished by: | Received by: | Date: | Time: | |

AC TRANSIT - EMERYVILLE
SECOND QUARTER 2003

FIELD PERSONNEL:

| WELL OR LOCATION | DATE | TIME | MEASUREMENT | CODE | COMMENTS |
|------------------|---------|------|-------------|------|----------|
| MW-1 | 8/26/03 | 0844 | 4.64 | SWL | |
| MW-2 | | 0855 | 4.24 | | |
| MW-3 | | 0840 | 5.82 | | |
| MW-4 | | 0835 | 5.88 | | |
| MW-5 | | 0849 | 4.00 | ↓ | |
| MW-6 | | 0914 | NA | OIL | No Oil |
| MW-6 | | 0916 | 3.82 | OWI | |
| MW-7 | | 0912 | 5.25 | SWL | |
| MW-8 | | 0904 | 4.58 | | |
| MW-9 | | 0859 | 4.33 | | |
| MW-10 | | 0908 | 9.69 | | |
| MW-11 | | 0919 | 3.79 | | |
| MW-12 | | 0910 | 10.70 | ↓ | |
| MW-13 | | 0825 | 9.31 | OIL | |
| MW-13 | | 0825 | 9.70 | OWI | |
| W-1 | | 0903 | 6.14 | SWL | |
| W-3 | | 0830 | 7.52 | SWL | |
| W-4 | ↓ | 0918 | 4.47 | SWL | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

SWL - Static Water Level

OIL - Oil Level

OWI - Oil/Water Interface

MTD - Measured Total Depth

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-1

PROJECT AC Transit (Emeryville) EVENT Semi Annual SAMPLER _____ TT/AW _____ DATE 8/26/2003

| | | | | | |
|--|---|-----------------------------|-------------|------------------------|------------|
| <p>Intake depth <u>8.0</u></p> <p>SWL <u>4.64</u> (if above screen)</p> <p>SWL _____ (if in screen)</p> <p>Measured TD <u>14.50</u></p> <p>TD _____ (as built)</p> <p>Diameter <u>2"</u></p> <p><u>0.165</u> gal/ft. casing</p> <p>=TOP _____</p> <p>=BOP _____</p> <p>=TD _____</p> | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Start Pump / Begin | 1310 <u>1310</u> | <u>0.55</u> | | |
| | Stop | <u>1319</u> | ✓ | <u>5.64</u> | |
| | Sampled | <u>1320</u> | | | |
| | Final IWL | | | | |
| | PURGE CALCULATION | | | | |
| $\underline{0.165} \text{ gal/ft.} \times \underline{9.86} \text{ ft.} = \underline{1.63} \text{ gals.} \times 3 = \underline{4.89} \text{ gals.}$ | | | | | |
| <small>2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.</small> | | | | | |

Equipment Used / Sampling Method / Description of Event:
 Centrifugal Pump used to Purge/ Disposable Bailer used to sample.

Actual gallons purged 5.0

Actual volumes purged 3+

Well Yield ⊕ HY

COC # NA

Additional Comments:

| Sample I.D. | Analysis | Lab |
|-------------|------------------|--------|
| <u>MW-1</u> | 8021 | ENTECH |
| ↓ | TPH-Gas | ↓ |
| ↓ | Diesel/Motor Oil | ↓ |
| ↓ | Nitrate/Sulfate | ↓ |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|---------------------|
| 1. <u>1.5</u> | <u>24.6</u> | <u>721</u> | <u>7.22</u> | ✓ | Fe: <u>73.30</u> |
| 2. <u>3.0</u> | <u>24.5</u> | <u>715</u> | <u>7.21</u> | ✓ | DO: 3.25 |
| 3. <u>4.5</u> | <u>24.5</u> | <u>710</u> | <u>7.23</u> | ✓ | ORP: <u>-0.85</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-2

| | | | | | |
|--|--|--------------------------|---------|-------|-----------------------|
| PROJECT <u>AC Transit (Emeryville)</u> | | EVENT <u>Semi Annual</u> | SAMPLER | TT/AW | DATE <u>8/26/2003</u> |
|--|--|--------------------------|---------|-------|-----------------------|

| | | | | | | |
|---|---|-------------|------------|--------------------|-----|-------------|
| <p>Intake depth <u>10'</u></p> <p>SWL <u>4.25</u> (if above screen)</p> <p>SWL _____ (if in screen)</p> <p>Measured TD <u>14.50</u></p> <p>Diameter <u>2"</u></p> <p><u>0.165</u> gal/ft. casing</p> <p>→ d ←</p> <p>← =TOP</p> <p>← =BOP</p> <p>← =TD (as built)</p> <p><u>14.56</u></p> | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW | |
| | Start Pump / Begin | <u>1200</u> | <u>0.5</u> | | | |
| | | | | | | |
| | | | | <u>1206</u> | | <u>5.23</u> |
| | | | | | | |
| | Stop | <u>1212</u> | | | | <u>5.71</u> |
| | Sampled | <u>1215</u> | | | | |
| Final IWL | | | | | | |

| | | | |
|--------------------------|--------------------|-----------------------|--------------------------|
| PURGE CALCULATION | | | |
| <u>0.165</u> gal/ft. * | <u>10.31</u> ft. = | <u>1.70</u> gals. X 3 | <u>5.10</u> gals. |
| 2" = 0.165 gal/ft. | SWL to BOP or TD | one volume | purge volume - 3 casings |
| | 4" = 0.65 gal/ft. | | 6" = 1.47 gal/ft. |

| | | | |
|---|----------------------------------|-------------------------|-------------------|
| Equipment Used / Sampling Method / Description of Event: | Actual gallons purged <u>6.0</u> | | |
| Centrifugal Pump used to Purge/ Disposable Bailer used to sample. | Actual volumes purged <u>3*</u> | | |
| | Well Yield \oplus <u>HI</u> | | |
| | COC # <u>NA</u> | | |
| Additional Comments: | Sample I.D. <u>MW-2</u> | Analysis <u>8021</u> | Lab <u>ENTECH</u> |
| | | <u>TPH-Gas</u> | |
| | | <u>Diesel/Motor Oil</u> | |
| | | <u>Nitrate/Sulfate</u> | |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|---------------------|
| <u>1.5</u> | <u>25.2</u> | <u>729</u> | <u>7.41</u> | <u>-</u> | <u>Te: 73.30</u> |
| <u>3.0</u> | <u>24.8</u> | <u>702</u> | <u>7.39</u> | <u>-</u> | <u>DD: 2.90</u> |
| <u>5.0</u> | <u>24.7</u> | <u>706</u> | <u>7.38</u> | <u>-</u> | <u>ORP: -119 mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. \oplus HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-3

| | | | | | |
|--|--|--------------------------|---------|-------|-----------------------|
| PROJECT <u>AC Transit (Emeryville)</u> | | EVENT <u>Semi Annual</u> | SAMPLER | TT/AW | DATE <u>8/26/2003</u> |
|--|--|--------------------------|---------|-------|-----------------------|

| | | | | | | |
|--------------------------|---|--------------------|-------------|--------------------|-----|-------------|
| | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW | |
| | Diameter <u>2"</u> | Start Pump / Begin | <u>1225</u> | <u>0.55</u> | | |
| | <u>0.165</u> gal/ft. casing | | | | | |
| | | | | | | |
| | | Stop | <u>1234</u> | | | <u>6.01</u> |
| | | Sampled | <u>1235</u> | | | |
| Measured TD <u>14.65</u> | Final IWL | | | | | |

| | | | |
|--------------------------|-------------------|-------------------------|--------------------------|
| PURGE CALCULATION | | | |
| <u>0.165</u> gal/ft. * | <u>8.86</u> ft. = | = <u>1.46</u> gals. X 3 | = <u>4.38</u> gals. |
| 2" = 0.165 gal/ft. | SWL to BOP or TD | one volume | purge volume - 3 casings |
| | 4" = 0.65 gal/ft. | | 6" = 1.47 gal/ft. |

| | |
|--|--|
| Equipment Used / Sampling Method / Description of Event: <u>Centrifugal Pump used to Purge/ Disposable Bailer used to sample.</u> | Actual gallons purged <u>5</u> |
| | Actual volumes purged <u>3+</u> |
| | Well Yield \oplus <u>HY</u> |
| | COC # <u>NA</u> |
| Additional Comments: | Sample I.D. <u>MW-3</u> |
| | Analysis <u>8021</u> |
| | Lab <u>ENTECH</u> |
| | TPH-Gas Diesel/Motor Oil Nitrate/Sulfate |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|-------------------|
| <u>1.0</u> | <u>24.9</u> | <u>888</u> | <u>7.20</u> | <u>-</u> | <u>Fe: 23.30</u> |
| <u>2.5</u> | <u>24.8</u> | <u>865</u> | <u>7.18</u> | <u>-</u> | <u>NO: 3.01</u> |
| <u>4.0</u> | <u>24.7</u> | <u>857</u> | <u>7.15</u> | <u>-</u> | <u>ORA: -90mV</u> |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

*Take measurement at approximately each casing volume purged. \oplus HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-6

PROJECT AC Transit (Emeryville) EVENT Semi Annual SAMPLER _____ TT/AW _____ DATE 8/26/2003

| | | | | |
|--|--------------------|-------------|------------------------|-------------|
| <p>Well type <u>MW</u> (MW, EW, PZ, etc.)</p> <p>Diameter <u>2"</u></p> <p><u>0.165</u> gal/ft. casing</p> <p>Intake depth <u>12'</u></p> <p>SWL <u>3.82</u> (if above screen)</p> <p>SWL _____ (if in screen)</p> <p>Measured TD <u>19.59</u></p> <p><u>19.64</u> = TD (as built)</p> | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Start Pump / Begin | <u>1025</u> | <u>0.47</u> | |
| | | | | |
| | | <u>1030</u> | | <u>3.91</u> |
| | Stop | <u>1042</u> | ↓ | <u>4.18</u> |
| | Sampled | <u>1045</u> | | |
| Final IWL | | | | |

PURGE CALCULATION

0.165 gal/ft. * 15.82 ft. = 2.61 gals. X 3 = 7.83 gals.

SWL to BOP or TD one volume SWL to TD purge volume - 3 casings

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:
Centrifugal Pump used to Purge/ Disposable Bailer used to sample.

| | |
|-----------------------|------------|
| Actual gallons purged | <u>8.0</u> |
| Actual volumes purged | <u>3+</u> |
| Well Yield ⊕ | <u>HY</u> |

Additional Comments:

| | | |
|----------------------------|------------------------|---------------|
| COC # _____ | | |
| Sample I.D. <u>MW-6</u> | Analysis 8021 | Lab ENTECH |
| ↓ | TPH-Gas | ↓ |
| | Diesel/Motor Oil | |
| | <u>Nitrate/Sulfate</u> | ↓ |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|-------------------|
| <u>2.5</u> | <u>23.4</u> | <u>696</u> | <u>7.14</u> | - | <u>Fe: 1.65</u> |
| <u>5.0</u> | <u>23.5</u> | <u>709</u> | <u>7.02</u> | - | <u>ORP: -85mV</u> |
| <u>7.5</u> | <u>23.4</u> | <u>711</u> | <u>7.03</u> | - | <u>DO: 3.21</u> |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-7

PROJECT AC Transit (Emeryville) EVENT Semi Annual SAMPLER _____ TT/AW _____ DATE 8/26/2003

| | | | | | | |
|--|--|---|---------------|-------------|---------------------------|------------|
| Well type <u>MW</u> (MW, EW, PZ, etc.) Diameter <u>2"</u> <u>0.165</u> gal/ft. casing Intake depth <u>24'</u> SWL <u>5.27</u> (if above screen) SWL _____ (if in screen) Measured TD <u>24.53</u> (as built) | | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | | Start Pump / Begin | <u>1103</u> | <u>0.09</u> | | |
| | | Stop | <u>1250</u> | ✓ | <u>24.21</u> | |
| | | Sampled | <u>1300</u> | | | |
| | | Final IWL | | | | |
| | | | | | | |

PURGE CALCULATION

0.165 gal/ft. * 9.26 ft. = 3.18 gals. X 3 = 9.53 gals.

SWL to BOP or TD one volume SWL to BOP or TD three volumes

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:
Peri-8 Pump used to Purge/ Disposable Bailer used to sample.

| | |
|-----------------------|-------------|
| Actual gallons purged | <u>10.0</u> |
| Actual volumes purged | <u>3+</u> |
| Well Yield ⊕ | <u>LY</u> |
| COC # | <u>NA</u> |

Additional Comments:

| Sample I.D. | Analysis | Lab |
|-------------|------------------|--------|
| <u>MW-7</u> | 8021 | ENTECH |
| ↓ | TPH-Gas | ↓ |
| | Diesel/Motor Oil | |
| | Nitrate/Sulfate | |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|-------------------|
| <u>3</u> | <u>23.6</u> | <u>710</u> | <u>7.24</u> | — | <u>Fe: 1.51</u> |
| <u>6</u> | <u>23.2</u> | <u>701</u> | <u>7.21</u> | — | <u>NO: 2.33</u> |
| <u>9</u> | <u>23.2</u> | <u>702</u> | <u>7.19</u> | — | <u>CRP: -45mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-9

| | | | | | |
|--|--|--------------------------|---------|-------|-----------------------|
| PROJECT <u>AC Transit (Emeryville)</u> | | EVENT <u>Semi Annual</u> | SAMPLER | TT/AW | DATE <u>8/26/2003</u> |
|--|--|--------------------------|---------|-------|-----------------------|

| | | | | | |
|--|---|--------------------|-------------|--------------------|-------------|
| | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Diameter <u>2"</u> | Start Pump / Begin | <u>0940</u> | <u>0.75</u> | |
| | <u>0.165</u> gal/ft. casing | | | | |
| | | | <u>0946</u> | | <u>6.32</u> |
| | | | <u>0951</u> | | <u>6.51</u> |
| | | Stop | <u>0952</u> | | |
| | | Sampled | <u>0955</u> | | |
| | Final IWL | | | | |

| | | | |
|-----------------------------------|----------------------------------|---------------------------|---|
| PURGE CALCULATION | | | |
| <u>0.165</u> gal/ft. * | <u>16.19</u> ft. = | <u>2.67</u> gals. X 3 | <u>8.01</u> gals. |
| <small>2" = 0.165 gal/ft.</small> | <small>SWL to BOP or TD</small> | <small>one volume</small> | <small>purge volume - 3 casings</small> |
| | <small>4" = 0.65 gal/ft.</small> | | <small>6" = 1.47 gal/ft.</small> |

| | | | |
|---|----------------------------------|----------------------|-------------------|
| Equipment Used / Sampling Method / Description of Event: Centrifugal Pump used to Purge/ Disposable Bailer used to sample. | Actual gallons purged <u>9.0</u> | | |
| | Actual volumes purged <u>3+</u> | | |
| | Well Yield \oplus _____ | | |
| | COC # <u>NA</u> | | |
| Additional Comments: | Sample I.D. <u>MW-9</u> | Analysis <u>8021</u> | Lab <u>ENTECH</u> |
| | ↓ | TPH-Gas | ↓ |
| | ↓ | Diesel/Motor Oil | ↓ |
| | ↓ | Nitrate/Sulfate | ↓ |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|--------------------|
| 1. <u>2.5</u> | <u>22.9</u> | <u>868</u> | <u>7.25</u> | --- | Fe: <u>0.06</u> |
| 2. <u>5.0</u> | <u>23.0</u> | <u>871</u> | <u>7.21</u> | --- | NO: <u>2.11</u> |
| 3. <u>8.0</u> | <u>23.1</u> | <u>870</u> | <u>7.21</u> | --- | ORP: <u>815 mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. \oplus HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one siting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-10

| | | | | | |
|--|--|--------------------------|---------|-------|-----------------------|
| PROJECT <u>AC Transit (Emeryville)</u> | | EVENT <u>Semi Annual</u> | SAMPLER | TT/AW | DATE <u>8/26/2003</u> |
|--|--|--------------------------|---------|-------|-----------------------|

| | | | | | | |
|---|---|--------------|-------------|--------------------|------------------|--------------|
| <p>Intake depth <u>12'</u></p> <p>SWL <u>9.69</u> (if above screen)</p> <p>SWL (if in screen)</p> <p>Measured TD <u>24.14</u></p> <p>Diameter <u>2"</u></p> <p><u>0.165</u> gal/ft. casing</p> <p>=TOP</p> <p>=BOP</p> <p>=TD (as built) <u>24.15</u></p> | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW | |
| | Start Pump / Begin | <u>11:30</u> | <u>0.72</u> | | | |
| | | | | <u>11:40</u> | 11:40 | <u>10.29</u> |
| | Stop | <u>11:41</u> | ↓ | | | <u>10.3</u> |
| | Sampled | <u>11:50</u> | | | | |
| | Final IWL | | | | | |

| | | | |
|---|-----------------------|--------------------------|--|
| PURGE CALCULATION | | | |
| <u>0.165</u> gal/ft. × <u>14.46</u> ft. = | <u>2.39</u> gals. × 3 | <u>7.18</u> gals. | |
| SWL to BOP or TD | one volume | purge volume - 3 casings | |
| 2" = 0.165 gal/ft. | 4" = 0.65 gal/ft. | 6" = 1.47 gal/ft. | |

| | | |
|---|-----------------------|------------|
| Equipment Used / Sampling Method / Description of Event: | Actual gallons purged | <u>8.0</u> |
| Centrifugal Pump used to Purge/ Disposable Bailer used to sample. | Actual volumes purged | <u>3+</u> |
| | Well Yield ⊕ | <u>HY</u> |
| | COC # | <u>NA</u> |

| | | | |
|----------------------|--------------|------------------------|--------|
| Additional Comments: | Sample I.D. | Analysis | Lab |
| | <u>MW-10</u> | 8021 | ENTECH |
| | ↓ | TPH-Gas | ↓ |
| | | Diesel/Motor Oil | |
| | | <u>Nitrate/Sulfate</u> | |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|-------------------|
| 1. <u>2</u> | <u>24.2</u> | <u>622</u> | <u>7.19</u> | — | Fe: <u>1.20</u> |
| 2. <u>4</u> | <u>24.1</u> | <u>612</u> | <u>7.24</u> | — | DO: <u>2.91</u> |
| 3. <u>7</u> | <u>23.9</u> | <u>615</u> | <u>7.22</u> | — | ORP: <u>-80mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕

HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returning later by reducing pump rate or cycling pump VLY - Minimal recharge unable to purge 3 volumes.

**CAMERON-COLE
SAMPLING EVENT DATA SHEET**

WELL OR LOCATION MW-11

| | | | | | |
|--|--|--------------------------|---------|-------|-----------------------|
| PROJECT <u>AC Transit (Emeryville)</u> | | EVENT <u>Semi Annual</u> | SAMPLER | TT/AW | DATE <u>8/26/2003</u> |
|--|--|--------------------------|---------|-------|-----------------------|

| | | | | | | | |
|---|---|--------------------|------------------------------------|---------------|-------------|------------------------|-------------|
| <p>Intake depth <u>9</u></p> <p>SWL <u>3.75</u> (if above screen)</p> <p>SWL _____ (if in screen)</p> <p>Measured TD <u>17.39</u></p> <p>Final IWL <u>17.40</u></p> | Well type <u>MW</u> (MW, EW, PZ, etc.) | Diameter <u>2"</u> | Casing <u>0.165</u> gal/ft. casing | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Start Pump / Begin | <u>0920</u> | <u>0.660</u> | | | | |
| | Stop | <u>0932</u> | ↓ | | | | |
| | Sampled | <u>0935</u> | | | | | |
| | Final IWL | | | | | | <u>4.10</u> |
| | PURGE CALCULATION | | | | | | |
| $0.165 \text{ gal/ft.} \times 13.61 \text{ ft.} = 2.25 \text{ gals.} \times 3 = 6.74 \text{ gals.}$ | | | | | | | |
| Measured TD <u>17.39</u> =TOP =BOP =TD (as built) <u>17.40</u> | | | | | | | |

| | | | |
|--|----------------------------------|----------------------|-------------------|
| Equipment Used / Sampling Method / Description of Event: | Actual gallons purged <u>8.0</u> | | |
| Centrifugal Pump used to Purge/ Disposable Bailer used to sample. | Actual volumes purged <u>3+</u> | | |
| | Well Yield ⊕ <u>HY</u> | | |
| | COC # <u>NA</u> | | |
| Additional Comments: <u>Trip Blank Collected (TB-01) @ 0915</u> | Sample I.D. <u>MW-11</u> | Analysis <u>8021</u> | Lab <u>ENTECH</u> |
| | ↓ | TPH-Gas | |
| | ↓ | Diesel/Motor Oil | |
| | ↓ | Nitrate/Sulfate | |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|---------------------|
| <u>2</u> | <u>23.2</u> | <u>826</u> | <u>7.58</u> | — | <u>Fe: 73.30</u> |
| <u>4</u> | <u>23.1</u> | <u>901</u> | <u>7.61</u> | — | <u>DO: 4.91</u> |
| <u>7</u> | <u>23.0</u> | <u>905</u> | <u>7.63</u> | — | <u>ORP: -100 mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-12

PROJECT AC Transit (Emeryville) EVENT Semi Annual SAMPLER _____ TT/AW _____ DATE 8/26/2003

| | | | | |
|--|--------------------|-------------|---------------------------|--------------|
| Well type <u>MW</u> (MW, EW, PZ, etc.) Diameter <u>2"</u> <u>0.165</u> gal/ft. casing Intake depth <u>20'</u> SWL <u>10.71</u> (if above screen) SWL _____ (if in screen) Measured TD <u>29.80</u> =TOP _____ =BOP _____ =TD <u>29.87</u> (as built) | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Start Pump / Begin | <u>1052</u> | <u>0.41</u> | |
| | Stop | <u>1116</u> | ↓ | <u>12.25</u> |
| | Sampled | <u>1120</u> | | |
| | Final IWL | | | |
| | | | | |

PURGE CALCULATION

0.165 gal/ft. * 19.10 ft. = 3.16 gals. X 3 = 9.48 gals.

2" = 0.165 gal/ft. SWL to BOP or TD one volume purge volume - 3 casings
 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:
 Centrifugal Pump used to Purge/ Disposable Bailer used to sample.

| | |
|-----------------------|-----------|
| Actual gallons purged | <u>10</u> |
| Actual volumes purged | <u>3+</u> |
| Well Yield ⊕ | <u>HY</u> |
| COC # | <u>NA</u> |

Additional Comments:

| Sample I.D. | Analysis | Lab |
|--------------|------------------------|--------|
| <u>MW-12</u> | 8021 | ENTECH |
| ↓ | TPH-Gas | ↓ |
| ↓ | Diesel/Motor Oil | ↓ |
| ↓ | <u>Nitrate/Sulfate</u> | ↓ |

| Gallons Purged * | Temp °C | EC (us / cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|--------------|-------------|-----------------|-------------------|
| 1. <u>3</u> | <u>24.1</u> | <u>756</u> | <u>7.19</u> | - | <u>Fe: 1.29</u> |
| 2. <u>6</u> | <u>24.0</u> | <u>749</u> | <u>7.12</u> | - | <u>NO: 2.81</u> |
| 3. <u>9</u> | <u>23.9</u> | <u>740</u> | <u>7.10</u> | - | <u>ORP: 15 mV</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.

CAMERON-COLE
SAMPLING EVENT DATA SHEET

WELL OR LOCATION W-1

PROJECT AC Transit (Emeryville) EVENT Semi Annual SAMPLER _____ TT/AW _____ DATE 8/26/2003

| | | | | | |
|--|---|--------------------|------|--------------------|------|
| | Well type <u>MW</u> (MW, EW, PZ, etc.) | ACTION | TIME | PUMP RATE (gpm) | DTW |
| | Diameter <u>2"</u> | Start Pump / Begin | 1330 | 0.6 | |
| | <u>0.165</u> gal/ft. casing | Stop | 1340 | ↓ | 6.98 |
| | — =TOP | Sampled | 1345 | | |
| | — =BOP | Final IWL | | | |
| | Measured TD <u>16.40</u> | | | | |

PURGE CALCULATION

0.165 gal/ft. * 10.29 ft. = 1.70 gals. X 3 = 5.09 gals.

SWL to BOP or TD one volume purge volume - 3 casings
 2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:
 Centrifugal Pump used to Purge/ Disposable Bailer used to sample.

| | |
|-----------------------|------------|
| Actual gallons purged | <u>6.0</u> |
| Actual volumes purged | <u>3+</u> |
| Well Yield ⊕ | <u>HY</u> |
| COC # <u>NA</u> | |

Additional Comments:

| Sample I.D. | Analysis | Lab |
|-------------|------------------|--------|
| <u>W-1</u> | 8021 | ENTECH |
| ↓ | TPH-Gas | ↓ |
| ↓ | Diesel/Motor Oil | ↓ |
| ↓ | Nitrate/Sulfate | ↓ |

| Gallons Purged * | Temp °C | EC (us/cm) | pH | Turbidity (NTU) | Other |
|------------------|-------------|---------------|-------------|--------------------|------------------|
| 1. <u>1.5</u> | <u>25.0</u> | <u>885</u> | <u>7.01</u> | - | <u>Fe: 73.30</u> |
| 2. <u>3.0</u> | <u>24.9</u> | <u>876</u> | <u>6.99</u> | - | <u>ORP: -122</u> |
| 3. <u>5.0</u> | <u>24.9</u> | <u>872</u> | <u>6.98</u> | - | <u>DO: 3.94</u> |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |

*Take measurement at approximately each casing volume purged. ⊕ HY - Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge unable to purge 3 volumes.