

April 5, 2005

Mr. Barney M. Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
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Alameda County
APR 6 7 2005
Environmental Health

**Subject: 444 Hegenberger Loop, Oakland, CA 94621
Fuel Leak Case RO00000184**

Dear Mr. Chan:

In an effort to move forward on the closure of the captioned case, a groundwater sampling and testing was performed in February 2005. The objective was to determine the current conditions of the site, evaluate the changes and obtain groundwater quality data to develop a conceptual site model.

The report concluded that natural attenuation is degrading the BTEX as expected. The report also concludes that the concentrations do not indicate a significant impact to groundwater.

A copy of the Groundwater Monitoring report is enclosed for your evaluation and comments. In order to expedite this matter, I respectfully request comments at your earliest convenience. I will contact you in 30 days to discuss your concerns and recommendations.

We do appreciate your assistance in this complex matter and look forward to a successful site closure.

Sincerely,



Mary I. Schroeder
Vice President

cc: Patrick G. Murray, McMorgan & Company LLC (with enclosure)
David R. DeMent, ACC Environmental Consultants (without enclosure)



Alameda County
APR 07 2005
Environmental Health

FEBRUARY 2005 GROUNDWATER MONITORING REPORT

Subject Property
444 Hegenberger Loop
Oakland, California

ACC Project No. 6748-017.00

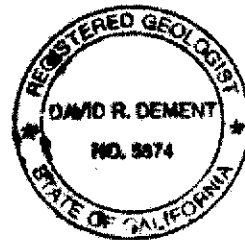
Prepared for:

The Bank of New York Trust Company, N.A. as Corporate Co-Trustee for
Carpenters Pension Trust Fund for Northern California; Northern California Carpenters PTF, LLC
c/o Ms. Mary Schroeder, McMorgan & Company LLC
One Bush Street, Suite 800
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March 21, 2005

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FEBRUARY 2005 GROUNDWATER MONITORING REPORT

444 Hegenberger Loop
Oakland, California

1.0 INTRODUCTION

This February 2005 Groundwater Monitoring Report was prepared by ACC Environmental Consultants, Inc., (ACC) at the request of McMorgan & Company LLC on behalf of The Bank of New York Trust Company, N.A. as Corporate Co-Trustee for Carpenters Pension Trust Fund for Northern California; Northern California Carpenters PTF. Work was performed at the subject property located at 444 Hegenberger Loop, Oakland, California (Site). The project objectives were to: 1) measure the groundwater levels in each well and calculate the groundwater elevation, gradient, and flow direction; 2) obtain representative water samples from the seven existing groundwater monitoring wells and analyze the water samples for petroleum hydrocarbon constituents as gasoline and/or diesel; and 3) report the findings.

The general goal of this groundwater monitoring and sampling event was to determine current groundwater conditions, evaluate the changes in concentrations of constituents of concern, and obtain current groundwater quality data to further develop a Conceptual Site Model (CSM).

2.0 BACKGROUND

The Site is located at 444 Hegenberger Loop in the southeast corner of the intersection of Hegenberger Road and Hegenberger Loop. The rectangular lot is approximately 250 feet long by 200 feet wide and is approximately 9 feet above mean sea level.

The available data indicate that a series of subsurface investigations have been conducted at the Site since 1997. A site assessment in April 1997 indicated the presence of petroleum hydrocarbons in soils and groundwater beneath the Site but no reportable concentrations of methyl tertiary butyl ether (MTBE). A subsequent investigation conducted in July and October 1997 confirmed previous investigation findings and that no underground storage tanks (USTs) remained at the Site.

Tetra Tech EM Inc. (Tetra Tech) installed five 2-inch-diameter groundwater monitoring wells in November 1998. The five monitoring wells were screened from 5 to 20 feet below ground surface (bgs). Well MW-1 was subsequently destroyed in December 1999 and well MW-6 was installed in the estimated downgradient direction of the former waste oil tank. Well MW-6 was screened from 10 to 20 feet bgs. In December 2000, Tetra Tech installed offsite wells MW-7 and MW-8 estimated to be in the downgradient direction of the Site. Wells MW-7 and MW-8 were screened from 5 to 20 feet bgs. Groundwater monitoring was performed periodically from December 1998 to October 2001 in the existing wells.

Tetra Tech reported the findings of a Sensitive Receptor Survey in its March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000*. According to the California Department of Water resources, 40 monitoring wells and two irrigation wells were located at 11

sites within the search distance. One irrigation well is reportedly located approximately 500 feet cross gradient from the Site and a second irrigation well is located approximately 2,800 feet crossgradient of the Site.

2.1 Subsurface Conditions

Soil boring logs from wells MW-7 and MW-8, included in the March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000*, indicate that clay and silty clay is present from the surface to the minimum depth of 11.5 feet bgs and sandy gravels and sands are present from approximately 12 to 15 feet bgs to 20.5 feet bgs, the total depth of the soil borings. Silty clays logged at 10 to 10.5 feet bgs are described as dry to moist, medium plasticity, and medium stiff. Sandy gravels logged from 15 to 16 feet bgs are described as saturated, coarse to fine grained sand, and fine to medium grained gravel.

The data summarized in the soil boring logs directly contradicts other conclusions presented in the March 8, 2001 *Fourth Quarter Groundwater Monitoring Report, December 2000*. In the *Subsurface Soil Conditions and Hydrology* section of the report, Tetra Tech states that "Groundwater is usually encountered within five feet bgs," and in the *Preferential Pathways* section "the utility trenches may act as preferential pathways and could allow for movement of petroleum hydrocarbons to the north and west beyond the site." Saturated permeable soils are not logged shallower than 12 feet bgs. Utility trenches in the vicinity of the Site likely exist no deeper than seven feet bgs, therefore, interception or preferential movement of groundwater along utility trenches is highly unlikely. Groundwater elevations are typically measured approximately 5 feet bgs in the monitoring wells due to semi-confined aquifer conditions.

3.0 GROUNDWATER MONITORING AND SAMPLING

ACC conducted groundwater monitoring on February 9, 2005. Work at the Site included measuring depth to water, subjectively evaluating groundwater in the wells, purging and sampling the wells, and submitting the samples to a state-certified laboratory for analysis.

3.1 Groundwater Monitoring

Before groundwater sampling, the depth to the surface of the water table was measured from the top of the polyvinyl chloride well casing using a Solinst water level meter. Based on well elevation data reported by Tetra Tech, the groundwater monitoring wells were surveyed relative to mean sea level in December 2000. ACC measured depth to water using an electronic Solinst meter and the water level measurements were recorded to the nearest 0.01 foot. Information regarding well elevations and groundwater depths is summarized in Table 1.

TABLE 1 - GROUNDWATER DEPTH INFORMATION

| Well No. | Date Sampled | Well Elevation ⁽¹⁾ (above MSL) | Depth to Groundwater | Groundwater Elevation | |
|----------|----------------|--|-------------------------|--------------------------|-------|
| MW-1 | 12/02/98 | 100.74 | 2.90 | 97.84 | |
| | 03/08/99 | | 3.43 | 97.31 | |
| | 07/01/99 | | 3.81 | 96.93 | |
| | 08/18/99 | | 3.62 | 97.12 | |
| | 09/15/99 | | 3.69 | 97.05 | |
| | 12/27/99 | | 3.81 | 96.93 | |
| | Well Destroyed | | | | |
| MW-2 | 12/02/98 | 102.44 | 4.61 | 97.83 | |
| | 03/08/99 | | 5.16 | 97.28 | |
| | 07/01/99 | | 5.91 | 96.53 | |
| | 08/18/99 | | 5.53 | 96.91 | |
| | 09/15/99 | | 5.55 | 96.89 | |
| | 12/27/99 | | 5.55 | 96.89 | |
| | 03/24/00 | | 5.44 | 97.00 | |
| | 06/09/00 | 9.05 ⁽²⁾ | --- | FP | |
| | 12/14/00 | 5.00 | 4.05 | | |
| | 05/07/01 | 5.69 | 3.36 | | |
| | 10/04/01 | 5.60 | 3.45 | | |
| | 02/09/05 | 5.00 | 4.05 | | |
| | MW-3 | 12/02/98 | 102.00 | 4.24 | 97.76 |
| 03/08/99 | | 4.90 | | 97.10 | |
| 07/01/99 | | 5.35 | | 96.65 | |
| 08/18/99 | | 5.21 | | 96.79 | |
| 09/15/99 | | 5.26 | | 96.74 | |
| 12/27/99 | | 5.42 | | 96.58 | |
| 03/24/00 | | 5.81 | | 96.19 | |
| 06/09/00 | | 5.43 | | 96.57 | |
| 12/14/00 | | 8.60 ⁽²⁾ | | 4.85 | 3.75 |
| 05/07/01 | | 5.37 | | 3.23 | |
| 10/04/01 | | 5.27 | | 3.33 | |
| 02/09/05 | 4.45 | 4.15 | | | |
| MW-4 | 12/02/98 | 100.00 | 2.20 | 97.80 | |
| | 03/08/99 | | 2.80 | 97.20 | |
| | 07/01/99 | | 5.23 | 64.77 | |
| | 08/18/99 | | 5.00 | 95.00 | |
| | 09/15/99 | | 4.99 | 95.01 | |
| | 12/27/99 | | 5.23 | 94.77 | |
| | 03/24/00 | | 5.39 | 94.61 | |
| | 06/09/00 | | 5.24 | 94.76 | |
| | 12/14/00 | | 8.50 ⁽²⁾ | 4.60 | 3.90 |
| | 05/07/01 | | 5.20 | 3.30 | |
| | 10/04/01 | | 5.08 | 3.42 | |
| 02/09/05 | 4.45 | 4.05 | | | |

| Well No. | Date Sampled | Well Elevation ⁽¹⁾ (above MSL) | Depth to Groundwater | Groundwater Elevation | |
|----------|--------------|--|-------------------------|--------------------------|------|
| MW-5 | 12/02/98 | 102.22 | 4.59 | 97.63 | |
| | 03/08/99 | | 5.20 | 97.02 | |
| | 07/01/99 | | 5.59 | 96.63 | |
| | 08/18/99 | | 5.37 | 96.85 | |
| | 09/15/99 | | 5.55 | 96.67 | |
| | 12/27/99 | | 5.48 | 96.74 | |
| | 03/24/00 | | 6.02 | 96.20 | |
| | 06/09/00 | | 5.59 | 96.63 | |
| | 12/14/00 | | 8.84 ⁽²⁾ | 5.10 | 3.74 |
| | 05/07/01 | | 5.52 | 3.32 | |
| | 10/04/01 | | 5.45 | 3.39 | |
| | 02/09/05 | 4.90 | 3.94 | | |
| MW-6 | 03/24/00 | 102.58 | 5.49 | 97.09 | |
| | 06/09/00 | 9.19 ⁽²⁾ | 5.87 | 96.71 | |
| | 12/14/00 | | 5.13 | 4.06 | |
| | 05/07/01 | | 5.89 | 3.30 | |
| | 10/04/01 | | 5.71 | 3.48 | |
| | 02/09/05 | | 5.20 | 3.99 | |
| MW-7 | 12/14/00 | 8.10 ⁽²⁾ | 3.48 | 4.62 | |
| | 05/07/01 | 8.10 ⁽²⁾ | 5.13 | 2.97 | |
| | 10/04/01 | | 4.87 | 3.23 | |
| | 02/09/05 | | 4.15 | 3.95 | |
| MW-8 | 12/14/00 | 8.68 ⁽²⁾ | 5.10 | 3.58 | |
| | 05/07/01 | 8.68 ⁽²⁾ | 5.74 | 2.94 | |
| | 10/04/01 | | 5.52 | 3.16 | |
| | 02/09/05 | | 4.80 | 3.88 | |

Notes: All measurements in feet

⁽¹⁾ Well elevation measured to top of casing

⁽²⁾ Well elevation relative to established City of Oakland Benchmark (feet above sea level)

3.2 Groundwater Gradient

The calculated groundwater flow direction and gradient, as determined from monitoring well data obtained on February 9, 2005, is illustrated on Figure 3. The groundwater elevation measured in well MW-3 was not used due its anomalous value. Generally, groundwater piezometric surface contours exhibit a radial orientation with the groundwater flow direction trending south to west. The calculated groundwater gradient ranged from 0.0006 to 0.0008 foot per foot. Historical groundwater gradients and calculated flow directions are summarized in Table 2.

TABLE 2 – GROUNDWATER GRADIENT AND FLOW DIRECTION

| Date Monitored | Gradient (foot/foot) | Direction |
|----------------|------------------------|----------------------|
| 12/02/98 | 0.00091 | West |
| 03/08/99 | 0.00086 | Southwest |
| 07/01/99 | 0.0011 | Southwest |
| 08/18/99 | 0.0013 | West |
| 09/15/99 | 0.04089 ⁽¹⁾ | North ⁽¹⁾ |
| | 0.00125 ⁽⁵⁾ | West |
| 12/27/99 | 0.0010 ⁽⁵⁾ | West ⁽⁵⁾ |
| | 0.0489 ⁽¹⁾ | North ⁽¹⁾ |
| 03/29/00 | 0.0469 ⁽¹⁾ | Northwest |
| | 0.0131 ⁽²⁾ | West-Southwest |
| 06/09/00 | 0.03 ⁽³⁾ | North |
| | 0.0011 ⁽²⁾ | South-southwest |
| 12/14/00 | 0.003 ⁽¹⁾ | North |
| | 0.006 ⁽⁴⁾ | North |
| 05/07/01 | 0.0014 | Northwest |
| | 0.0025 ⁽⁶⁾ | Northwest |
| 10/04/01 | 0.0013 | Northwest |
| | 0.001 ⁽⁶⁾ | Northwest |
| 02/09/05 | 0.001 | Southwest |

- Notes:
- (1) Flow component from MW-2 to MW-4
 - (2) Flow component from MW-6 to area of MW-5
 - (3) Flow component from MW-2, MW-3, and MW-4 and from MW-6 to MW-4
 - (4) Flow component from MW-7 to MW-8
 - (5) Flow component among wells MW-2, MW-3, and MW-5
 - (6) Flow component from MW-3 to MW-7

3.3 Groundwater Sampling

Before groundwater sampling, each well was purged using a disposable polyethylene bailer. Groundwater samples were collected after four well casing volumes of water were measured for temperature and dissolved oxygen (DO), and removed. Following purging, each well was allowed to recharge before sampling. When recovery to 80 percent of the static water level was observed, a sample was collected for analysis. Groundwater conditions monitored during purging and sampling were recorded on monitoring well worksheets, included as Appendix 1.

Wells were sampled using disposable polyethylene bailers attached to a new rope for each well. From each monitoring well, approved, laboratory-supplied sample vials were filled to overflowing and sealed to eliminate trapped air in the vial. Once filled, sample vials were inverted and tapped to test for air bubbles. Sample containers were labeled with self adhesive, preprinted tags. The samples were stored in a pre-chilled, insulated container pending delivery to STL San Francisco (STL-SF), a state-certified analytical laboratory, for analysis.

Water purged during the development and sampling of the monitoring wells was temporarily stored onsite in Department of Transportation approved 55-gallon drums pending laboratory analysis and proper disposal.

4.0 RESULTS OF GROUNDWATER SAMPLING

Groundwater samples collected from each well were submitted to STL-SF following chain of custody protocol. All groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8260B and water samples from wells MW-2, MW-5, and MW-6 were further analyzed for total petroleum hydrocarbons as diesel (TPHd) by EPA Method 3510/8015M. A copy of the chain of custody record and laboratory analytical reports is included as Appendix 2. A summary of the groundwater results obtained from each monitoring well is presented in Table 3.

TABLE 3 - GROUNDWATER SAMPLE ANALYTICAL RESULTS

| Well No. | Date Sampled | TPHd (µg/L) | TPHg (µg/L) | MTBE (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
|----------|--------------|-------------|-------------|-------------|----------------------|--------------------|---------------------|----------------------|
| MW-1 | 12/02/98 | <50 | <50 | --- | <0.05 | <0.05 | <0.05 | <0.05 |
| | 03/08/99 | 190 | <50 | --- | <0.3 | <0.3 | <0.3 | <0.3 |
| | 07/01/99 | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| | 08/18/99 | <50 | 3,100 | --- | <0.5 | 9.6 | 12 | 12 |
| | 09/15/99 | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/27/99 | --- | --- | --- | --- | --- | --- | --- |
| | Destroyed | | | | | | | |
| MW-2 | 12/02/98 | 99 | <50 | --- | 4.6 | 0.85 | 0.57 | 5 |
| | 03/08/99 | 210 | 180 | --- | 200 ⁽⁹⁾ | 0.74 | 1.3 | 2.3 |
| | 07/01/99 | <50 | 1,100 | --- | 190 | 13 | 33 | 36 |
| | 08/18/99 | --- | --- | --- | --- | --- | --- | --- |
| | 09/15/99 | 100 | 990 | --- | 330 | 9.7 | 11 | 19 |
| | 12/27/99 | <50 | 1,000 | --- | 260 | 7.2 | 1.3 | 10 |
| | 03/24/00 | 31,000 | 1,900 | --- | 110 | 4.8 | 9.5 | 12 |
| | 06/09/00 | --- | --- | --- | --- | --- | --- | --- |
| | 12/14/00 | 470 | 1,600 | <2/20 | 450 | 18 | 61 | 26 |
| | 05/07/01 | 300 | 950 | --- | 120 | 5.8 | 8.5 | 32 |
| | 10/04/01 | 170 | 370 | --- | 55 | 2.8 | 17 | 4.2 |
| | 02/09/05 | <50 | 160 | <0.50 | 69 | 1.2 | 1.3 | <1.0 |
| MW-3 | 12/02/98 | 300 | 970 | --- | 160 | 6.5 | 16 | 9 |
| | 03/08/99 | 1,400 | 2,600 | --- | 1800 ⁽¹⁰⁾ | 30 ⁽¹¹⁾ | 67 ⁽¹¹⁾ | 26 ⁽¹¹⁾ |
| | 07/01/99 | 150 | 3,000 | --- | 1 | <0.5 | 32 | 36 |
| | 08/18/99 | --- | --- | --- | --- | --- | --- | --- |
| | 09/15/99 | 110 | 1,100 | --- | 350 | 8.3 | 5.4 | 10 |
| | 12/27/99 | 70 | 560 | --- | 170 | 2.1 | 7.6 | 3.1 |
| | 03/24/00 | 1,000 | 8,400 | --- | 4100 | 71 | 190 | 75 |
| | 06/09/00 | 320 | 2,700 | --- | 1100 | 17 | 18 | <10 |
| | 12/14/00 | <100 | 710 | <0.5/5 | 140 | 2.2 | 3.3 | 1.2 |
| | 05/07/01 | <400 | 1,500 | --- | 270 | 7.9 | 11 | 5.6 |
| | 10/04/01 | <50 | 140 | --- | 45 | <0.3 | 1.3 | <0.6 |
| | 02/09/05 | --- | 7,700 | <5.0 | 670 | 16 | 83 | 36 |

| Well No. | Date Sampled | TPHd (µg/L) | TPHg (µg/L) | MTBE (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
|----------|--------------|-------------|-------------|-------------|----------------------|----------------|---------------------|----------------------|
| MW-4 | 12/02/98 | 620 | <50 | --- | 1.1 | 0.37 | <0.3 | 2 |
| | 03/08/99 | <50 | 1,300 | --- | 1900 ⁽¹⁰⁾ | 9.4 | 1.2 | 11 |
| | 07/01/99 | <50 | 610 | --- | 120 | <0.5 | <0.5 | <0.5 |
| | 08/18/99 | --- | --- | --- | --- | --- | --- | --- |
| | 09/15/99 | 59 | 830 | --- | 320 | 6.5 | 1.7 | <2.0 |
| | 12/27/99 | <50 | 55 | --- | 5.8 | <0.5 | <0.5 | <0.5 |
| | 03/24/00 | 77 | 430 | --- | 240 | 3.3 | 0.98 | 1.5 |
| | 06/09/00 | <50 | 220 | --- | 91 | 0.93 | <0.5 | <0.5 |
| | 12/14/00 | <50 | 96 | <0.5 | 15 | <0.5 | <0.5 | <0.5 |
| | 05/07/01 | <100 | 380 | --- | 130 | 2.5 | 1.7 | 2.5 |
| | 10/04/01 | <50 | 76 | --- | 21 | <0.3 | <0.3 | <0.6 |
| 02/09/05 | --- | 2,000 | <2.5 | 440 | 12 | 9.3 | 7.6 | |
| MW-5 | 12/02/98 | 620 | <50 | --- | 1.1 | 0.37 | <0.3 | 2 |
| | 03/08/99 | <50 | 58 | --- | 23 | 0.31 | <0.3 | 1.8 |
| | 07/01/99 | 64* | 1,900 | --- | 160 | 10 | 13 | 22 |
| | 08/18/99 | --- | --- | --- | --- | --- | --- | --- |
| | 09/15/99 | <50 | 410 | --- | 64 | 2.1 | 1.3 | 2.7 |
| | 12/27/99 | <50 | 130 | --- | 15 | 0.73 | <0.5 | <0.5 |
| | 03/24/00 | 460 | 2,500 | --- | 560 | 57 | 18 | 87 |
| | 06/09/00 | 140 | 2,600 | --- | 770 | 63 | 15 | 71 |
| | 12/14/00 | <50 | 220 | <0.5/5 | 17 | 0.63 | 1.7 | 1.1 |
| | 05/07/01 | <200 | 3,200 | --- | 450 | 44 | 54 | 66 |
| | 10/04/01 | <50 | <50 | --- | 3.6 | <0.3 | <0.3 | <0.6 |
| 02/09/05 | 57 | 1,100 | 0.58 | 160 | 14 | 50 | 9.6 | |
| MW-6 | 03/24/00 | 470 | 2,400 | --- | 430 | 16 | 340 | 73 |
| | 06/09/00 | <50 | 540 | --- | 190 | 1.2 | 3.7 | 4.5 |
| | 12/14/00 | <50 | <50 | <0.5/5 | 0.51 | <0.5 | <0.5 | 0.94 |
| | 05/07/01 | <50 | <50 | --- | 4.4 | <0.5 | <0.5 | <0.5 |
| | 10/04/01 | <50 | <50 | --- | <0.3 | <0.3 | <0.3 | <0.6 |
| | 02/09/05 | <50 | <50 | <0.50 | 0.94 | <0.50 | <0.50 | <1.0 |
| MW-7 | 12/14/00 | <50 | <50 | <0.5/5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 05/07/01 | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| | 10/04/01 | <50 | <50 | --- | <0.3 | <0.3 | <0.3 | <0.6 |
| | 02/09/05 | --- | <50 | 0.55 | <0.50 | <0.50 | <0.50 | <1.0 |
| MW-8 | 12/14/00 | <50 | <50 | 0.52 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 05/07/01 | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| | 10/04/01 | <50 | <50 | --- | <0.3 | <0.3 | <0.3 | <0.6 |
| | 02/09/05 | --- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 |

Notes: ug/L = micrograms per liter (approximately equivalent to ppb)

5.0 DISCUSSION

This report documents the first monitoring and sampling event conducted since October 2001. Calculated groundwater elevations were similar to previous monitoring events. Historical calculated groundwater flow directions and gradients have varied significantly. Groundwater flow direction has ranged from south-southwest to north and gradient has ranged from 0.001 to 0.049 foot per foot. Since the Site is primarily unpaved, fluctuations in groundwater elevation, flow direction, and gradient may be due to infiltration from precipitation events. Historical flow directions plotted on a "Rose" diagram indicate the primary flow direction is southwest to northwest and the primary gradient is 0.001 to 0.003 foot per foot. These values are consistent with local topography and the direction to San Leandro Creek, the closest surface drainage canal leading to San Francisco Bay.

TPHd was reported in well MW-5 at a concentration of 57 micrograms per Liter ($\mu\text{g/L}$) but was not detected above its laboratory reporting limit in wells MW-2 and MW-6. TPHg was reported in wells MW-2 through MW-5 but was not detected above its laboratory reporting limit in wells MW-6 through MW-8. Detectable TPHg concentrations ranged from 160 $\mu\text{g/L}$ in well MW-2 to 7,700 $\mu\text{g/L}$ in well MW-3. BTEX concentrations were also reported in wells MW-2 through MW-5 but were present at relatively low concentrations. Benzene was reported at concentrations ranging from 0.94 $\mu\text{g/L}$ in well MW-6 to 670 $\mu\text{g/L}$ in well MW-3. MTBE was detected in monitoring wells MW-5 and MW-7 at concentrations ranging from 0.55 to 0.58 $\mu\text{g/L}$ and was not detected above its laboratory reporting limit of 5.0 $\mu\text{g/L}$ in monitoring well MW-3.

In comparison to the October 2001 sampling event, TPHg and BTEX concentrations decreased or were unchanged in wells MW-2, MW-6, MW-7, and MW-8; and TPHg and BTEX concentrations increased in wells MW-3, MW-4, and MW-5. Of note is the fact that BTEX concentrations have decreased significantly from those BTEX levels reported during previous sampling events when TPHg concentrations were similar to those reported during this event. As typically observed, residual BTEX is being preferentially degraded through natural attenuation processes.

6.0 CONCLUSIONS

Based on findings of this well monitoring and sampling event, and comparison to historical well monitoring and sampling data, ACC concludes the following:

- The calculated groundwater flow direction and gradient is consistent with historical trends and general flow direction is consistent with topography and surface drainage;
- TPHd was detected just above the laboratory reporting limit in one onsite monitoring well, TPHg and BTEX was reported in four of the five onsite monitoring wells, and MTBE was reported at very low levels in one onsite and one offsite monitoring well;
- Wells MW-3, MW-4, and MW-5 reported slight increases in TPHg and BTEX and these monitoring wells are located in proximity of the former UST and product dispensers;

- Soil boring logs prepared by Tetra Tech indicate that fine-grained silts and clays are present to 12 feet bgs and the first-encountered water-bearing zone consists of sands and gravels logged below 12 feet bgs;
- Groundwater is semi-confined and rises approximately seven feet in the well casings;
- Natural attenuation processes are preferentially degrading BTEX and reported TPHg and BTEX concentrations indicate that no significant source of gasoline impact to groundwater is present;
- TPHg and BTEX are the primary constituents of concern and any additional investigation or groundwater monitoring should target these analytes; and
- Additional subsurface investigation is required to confirm that the Site has been adequately characterized and criteria to evaluate the Site as a "Low-Risk Fuel Site" have been satisfied.

7.0 RECOMMENDATIONS

Based on our review of historical site investigation findings and the results of recently completed groundwater monitoring, ACC recommends the following:

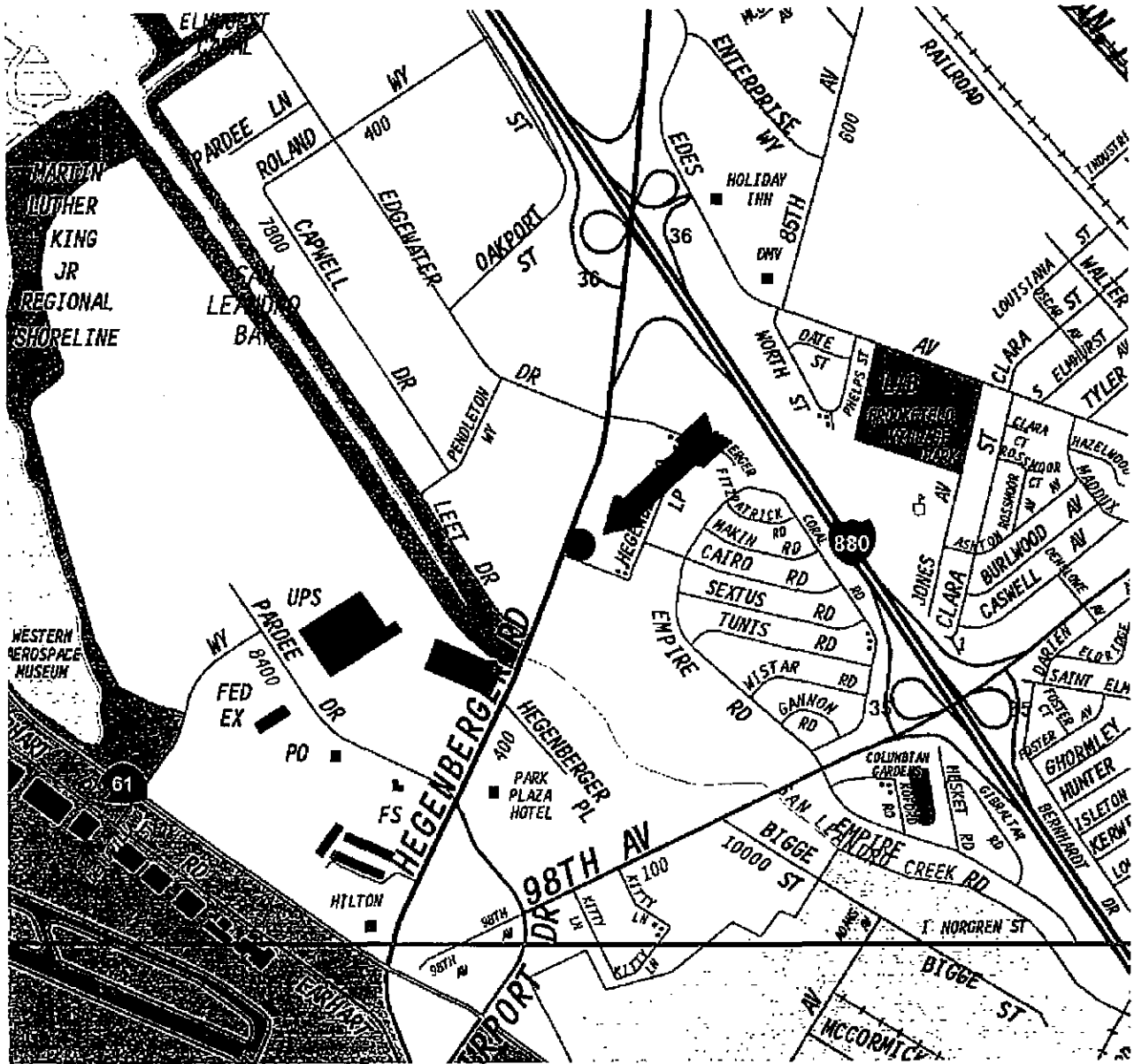
- Prepare and submit a Conceptual Site Model to the lead regulatory agency and evaluate the need for and scope of any additional site investigation;
- As required by the lead regulatory agency, obtain the data necessary to make the Site Geotracker compliant in anticipation of eventual regulatory site closure;
- Pending the findings of any other site investigation or risk evaluation completed in the interim, perform a second confirmation groundwater monitoring on or about May 9, 2005; and
- Discuss regulatory requirements for full site closure and identify what additional investigation data is needed to evaluate the Site for full regulatory closure. A reasonable timeframe to evaluate this report and obtain comment from the lead regulatory agency is 30 to 45 days.

8.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.



Source: The Thomas Guide, Bay Area, 2005

| | |
|--|-----------------|
| Title: Location Map 444 Hegenberger Loop Oakland, California | |
| Figure Number: 1 | Scale: 1" = 60' |
| Project Number: 6748-017.00 | Drawn By: ANW |
| A • C • C ENVIRONMENTAL CONSULTANTS | Date: 02/18/05 |
| | |
| 7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax: (510) 638-8404 | |

⊕ MW-8

HEGENBERGER ROAD

⊕ MW-7

HEGENBERGER LOOP

⊕ MW-3

⊕ MW-4

⊕ MW-2

MW-6 ⊕

MW-5

⊕ MW-1
(DESTROYED)

Legend



Groundwater Monitoring Well Location

Title: **Site Plan**
444 Hagenberger Loop
Oakland, California

Figure Number: 2

Scale: 1" = 60'

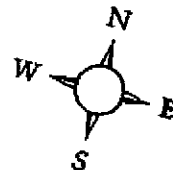
Project Number: 6748-017.00

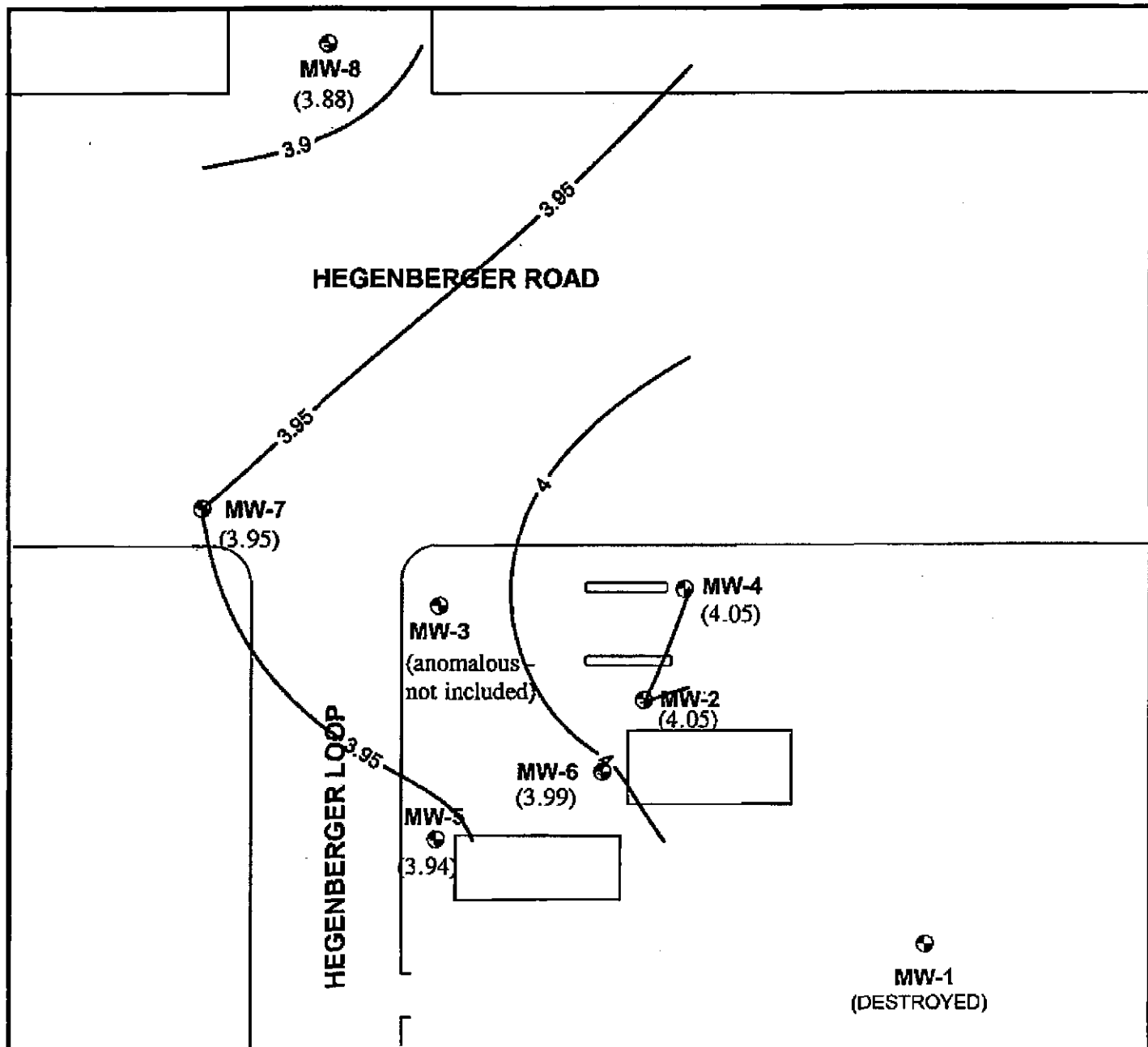
Drawn By: ANW

A • C • C
ENVIRONMENTAL
CONSULTANTS



Date: 02/18/05


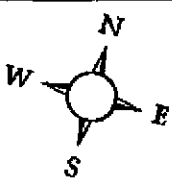
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404





Legend

-  Groundwater Monitoring Well Location
-  Groundwater Elevation Contour (Feet)

| | |
|--|---|
| Title: Gradient Map 444 Hagenberger Loop Oakland, California | |
| Figure Number: 3 | Scale: 1" = 60' |
| Project Number: 6748-017.00 | Drawn By: ANW |
|  | Date: 02/18/05 |
| |  |
| 7877 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax: (510) 638-8404 | |

| | |
|--|--|
| JOB NAME: 444 HAGEN BEEPER LOOP | PURGE METHOD: MANUAL - BAIL |
| SITE ADDRESS: | SAMPLED BY: CW / PD |
| JOB #: 6748-017.00 | LABORATORY: STL-SF |
| DATE: 02-09-05 | ANALYSIS: TPHd - TPHg - BTEX - MTBE |
| Onsite Drum Inventory SOIL: | MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/> |
| EMPTY: WATER: 2 ¹⁰ 105 ² | SAMPLING <input checked="" type="checkbox"/> |

| WELL: | PURE WATER READINGS | | | | | | | OBSERVATIONS | |
|------------------------|---------------------|----|----------|-------|------|-------|------|--------------------------|--------------------------|
| | (Gal) | pH | Temp.(C) | Cond. | Sal. | Turb. | D.O. | <input type="checkbox"/> | <input type="checkbox"/> |
| MW-2 | | | | | | | | <input type="checkbox"/> | Froth |
| DEPTH OF BORING: 19.20 | 3.0 | | 68.0 | | | | 61 | <input type="checkbox"/> | Sheen |
| DEPTH TO WATER: 5.00 | 6.0 | | | | | | | <input type="checkbox"/> | Odor Type _____ |
| WATER COLUMN: 14.20 | 9.0 | | | | | | | <input type="checkbox"/> | Free Product |
| WELL DIAMETER: 2" | 12.0 | | | | | | | <input type="checkbox"/> | Amount _____ Type _____ |
| WELL VOLUME: 3.0 | | | | | | | | <input type="checkbox"/> | Other |
| COMMENTS: | | | | | | | | | |
| MW-3 | | | | | | | | <input type="checkbox"/> | Froth |
| DEPTH OF BORING: 19.65 | 3.0 | | 67.8 | | | | 5.7 | <input type="checkbox"/> | Sheen |
| DEPTH TO WATER: 4.45 | | | | | | | | <input type="checkbox"/> | Odor Type _____ |
| WATER COLUMN: 15.20 | | | | | | | | <input type="checkbox"/> | Free Product |
| WELL DIAMETER: 2" | | | | | | | | <input type="checkbox"/> | Amount _____ Type _____ |
| WELL VOLUME: 3.0 | | | | | | | | <input type="checkbox"/> | Other |
| COMMENTS: | | | | | | | | | |
| MW-4 | | | | | | | | <input type="checkbox"/> | Froth |
| DEPTH OF BORING: 19.35 | 3.0 | | 67.4 | | | | 5.4 | <input type="checkbox"/> | Sheen |
| DEPTH TO WATER: 4.45 | | | | | | | | <input type="checkbox"/> | Odor Type _____ |
| WATER COLUMN: 14.90 | | | | | | | | <input type="checkbox"/> | Free Product |
| WELL DIAMETER: 2.0" | | | | | | | | <input type="checkbox"/> | Amount _____ Type _____ |
| WELL VOLUME: 3.0 | | | | | | | | <input type="checkbox"/> | Other |
| COMMENTS: | | | | | | | | | |

| | | | |
|--|--|--|--|
| JOB NAME: | | PURGE METHOD: <i>Magn C. P. 12</i> | |
| SITE ADDRESS: <i>444 HAGENBERGER ROAD</i> | | SAMPLED BY: <i>[Signature] / DD</i> | |
| JOB #: <i>6748-017-00</i> | | LABORATORY: <i>STL-SF</i> | |
| DATE: <i>02-09-05</i> | | ANALYSIS: <i>TPHd - TPHg - BTEX - MMS</i> | |
| One to Drum Inventory SOIL: | | MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/> | |
| EMPTY: <i>(WATER) 1 @ 100% 1 @ 50%</i> | | SAMPLING <input checked="" type="checkbox"/> | |

| | PURGE WATER ANALYSIS | | | | | | | OBSERVATIONS | | |
|-------------------------------|----------------------|----|-------------|-------|------|-------|------------|--------------------------|--------------------------|--------------------------|
| | (Gal) | pH | Temp.(C) | Cond. | Sal. | Turb. | D.O. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL: <i>MW-5</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH OF BORING: <i>19.50</i> | <i>3.0</i> | | <i>67.8</i> | | | | <i>3.3</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH TO WATER: <i>4.90</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WATER COLUMN: <i>14.60</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL DIAMETER: <i>2"</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL VOLUME: <i>3.0</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COMMENTS: | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL: <i>MW-6</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH OF BORING: <i>15.75</i> | <i>3.0</i> | | <i>67.9</i> | | | | <i>4.0</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH TO WATER: <i>5.20</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WATER COLUMN: <i>10.55</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL DIAMETER: <i>2"</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL VOLUME: <i>3.0</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COMMENTS: | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL: <i>MW-7</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH OF BORING: <i>19.65</i> | <i>3.0</i> | | <i>68.7</i> | | | | <i>6.7</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEPTH TO WATER: <i>4.15</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WATER COLUMN: <i>15.50</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL DIAMETER: <i>2"</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL VOLUME: <i>3.0</i> | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COMMENTS: | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



ACC MONITORING WELL WORKSHEET

30F3

| | |
|--|--|
| JOB NAME: | PURGE METHOD: <i>Manual Bore</i> |
| SITE ADDRESS: <i>444 Hagenberg Rd</i> | SAMPLED BY: <i>J. D. D.</i> |
| JOB #: <i>6748-017-00</i> | LABORATORY: <i>JL-SR</i> |
| DATE: <i>02-09-85</i> | ANALYSIS: <i>TPH, TPAH, BTEX, MTBS</i> |
| Empty Drum Inventory SOIL: | MONITORING <input checked="" type="checkbox"/> DEVELOPING <input type="checkbox"/> |
| EMPTY: <u>WATER:</u> <i>(1) 100% (1) 50%</i> | SAMPLING <input checked="" type="checkbox"/> |

| | PURGE WATER REMAINS | | | | | | | OBSERVATIONS |
|---|---------------------|----|-------------|-------|------|-------|------------|--|
| | (Gal) | pH | Temp.(C) | Cond. | Sal. | Turb. | D.O. | |
| WELL: <i>MAN-8</i> DEPTH OF BORING: <i>20.30</i> DEPTH TO WATER: <i>4.80</i> WATER COLUMN: <i>15.50</i> WELL DIAMETER: <i>2"</i> WELL VOLUME: <i>3.0</i> COMMENTS: | <i>30</i> | | <i>66.6</i> | | | | <i>6.9</i> | <input type="checkbox"/> Froth <input type="checkbox"/> Sheen <input type="checkbox"/> Odor Type _____ <input type="checkbox"/> Free Product Amount _____ Type _____ <input type="checkbox"/> Other |
| WELL: DEPTH OF BORING: DEPTH TO WATER: WATER COLUMN: WELL DIAMETER: WELL VOLUME: COMMENTS: | | | | | | | | <input type="checkbox"/> Froth <input type="checkbox"/> Sheen <input type="checkbox"/> Odor Type _____ <input type="checkbox"/> Free Product Amount _____ Type _____ <input type="checkbox"/> Other |
| WELL: DEPTH OF BORING: DEPTH TO WATER: WATER COLUMN: WELL DIAMETER: WELL VOLUME: COMMENTS: | | | | | | | | <input type="checkbox"/> Froth <input type="checkbox"/> Sheen <input type="checkbox"/> Odor Type _____ <input type="checkbox"/> Free Product Amount _____ Type _____ <input type="checkbox"/> Other |

ACC Environmental Consultants

February 24, 2005

7977 Capwell Drive, Suite 100
Oakland, CA 94621

Attn.: Aaron Wolf

Project#: 6748-017.00

Project: 444 Hegenberger

Dear Mr. Wolf,

Attached is our report for your samples received on 02/10/2005 17:40

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/27/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Diesel with Silica Gel Clean-up

ACC Environmental Consultants
Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|-------------|------------------|--------|-------|
| MW-2 | 02/09/2005 15:00 | Water | 1 |
| MW-5 | 02/09/2005 12:00 | Water | 4 |
| MW-6 | 02/09/2005 15:15 | Water | 5 |

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 3510/8015M | Test(s): 8015M |
| Sample ID: MW-2 | Lab ID: 2005-02-0327 - 1 |
| Sampled: 02/09/2005 15:00 | Extracted: 2/15/2005 06:25 |
| Matrix: Water | QC Batch#: 2005/02/15-01.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---------------------|-------|--------|------|----------|------------------|------|
| Diesel | ND | 50 | ug/L | 1.00 | 02/16/2005 00:13 | |
| <i>Surrogate(s)</i> | | | | | | |
| o-Terphenyl | 77.3 | 60-130 | % | 1.00 | 02/16/2005 00:13 | |

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/17/2005 17:06

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 3510/8015M | Test(s): 8015M |
| Sample ID: MW-5 | Lab ID: 2005-02-0327 - 4 |
| Sampled: 02/09/2005 12:00 | Extracted: 2/15/2005 06:25 |
| Matrix: Water | QC Batch#: 2005/02/15-01.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|------------------------------------|-------|--------|------|----------|------------------|------|
| Diesel | 57 | 50 | ug/L | 1.00 | 02/15/2005 20:38 | Q2 |
| <i>Surrogate(s)</i> o-Terphenyl | 67.1 | 60-130 | % | 1.00 | 02/15/2005 20:38 | |

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 3510/8015M | Test(s): 8015M |
| Sample ID: MW-6 | Lab ID: 2005-02-0327 - 5 |
| Sampled: 02/09/2005 15:15 | Extracted: 2/15/2005 06:25 |
| Matrix: Water | QC Batch#: 2005/02/15-01.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---------------------|-------|--------|------|----------|------------------|------|
| Diesel | ND | 50 | ug/L | 1.00 | 02/16/2005 13:25 | |
| <i>Surrogate(s)</i> | | | | | | |
| o-Terphenyl | 77.5 | 60-130 | % | 1.00 | 02/16/2005 13:25 | |

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/17/2005 17:06

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2005/02/15-01.10-001

Water

Test(s): 8015M

QC Batch # 2005/02/15-01.10

Date Extracted: 02/15/2005 06:25

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|-------------------------------------|-------|--------|------|------------------|------|
| Diesel | ND | 50 | ug/L | 02/15/2005 19:17 | |
| <i>Surrogates(s)</i> o-Terphenyl | 70.4 | 60-130 | % | 02/15/2005 19:17 | |

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2005/02/15-01.10

LCS 2005/02/15-01.10-002

Extracted: 02/15/2005

Analyzed: 02/15/2005 19:44

LCSD 2005/02/15-01.10-003

Extracted: 02/15/2005

Analyzed: 02/15/2005 20:11

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Diesel | 771 | 769 | 1000 | 77.1 | 76.9 | 0.3 | 60-130 | 25 | | |
| Surrogates(s) o-Terphenyl | 17.5 | 17.4 | 20.0 | 87.3 | 87.1 | | 60-130 | 0 | | |

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/17/2005 17:06

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/02/15-01.10

MW-6 >> MS

Lab ID: 2005-02-0327 -005

MS: 2005/02/15-01.10-004

Extracted: 02/15/2005

Analyzed: 02/16/2005 12:31

Dilution: 1.00

MSD: 2005/02/15-01.10-005

Extracted: 02/15/2005

Analyzed: 02/16/2005 12:58

Dilution: 1.00

| Compound | Conc. ug/L | | | Spk.Level ug/L | Recovery % | | | Limits % | | Flags | |
|-----------------------------|------------|------|--------|-------------------|------------|------|-----|----------|-----|-------|-----|
| | MS | MSD | Sample | | MS | MSD | RPD | Rec. | RPD | MS | MSD |
| Diesel | 676 | 623 | ND | 1000 | 67.6 | 62.3 | 8.2 | 60-130 | 25 | | |
| Surrogate(s) o-Terphenyl | 16.5 | 14.0 | | 20 | 82.7 | 70.0 | | 60-130 | 0 | | |

Diesel with Silica Gel Clean-up

ACC Environmental Consultants

Attn.: Aaron Wolf

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Oakland, CA 94621

Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00

444 Hegenberger

Received: 02/10/2005 17:40

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/17/2005 17:06

Fuel Oxygenates by 8260B

ACC Environmental Consultants

Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|-------------|------------------|--------|-------|
| MW-2 | 02/09/2005 15:00 | Water | 1 |
| MW-3 | 02/09/2005 15:31 | Water | 2 |
| MW-4 | 02/09/2005 15:22 | Water | 3 |
| MW-5 | 02/09/2005 12:00 | Water | 4 |
| MW-6 | 02/09/2005 15:15 | Water | 5 |
| MW-7 | 02/09/2005 15:50 | Water | 6 |
| MW-8 | 02/09/2005 16:00 | Water | 7 |

Fuel Oxygenates by 8260B

ACC Environmental Consultants
Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-2 Lab ID: 2005-02-0327 - 1
Sampled: 02/09/2005 15:00 Extracted: 2/20/2005 15:24
Matrix: Water QC Batch#: 2005/02/20-01.68

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | 160 | 50 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Benzene | 69 | 0.50 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Toluene | 1.2 | 0.50 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Ethylbenzene | 1.3 | 0.50 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 02/20/2005 15:24 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 111.4 | 73-130 | % | 1.00 | 02/20/2005 15:24 | |
| Toluene-d8 | 103.4 | 81-114 | % | 1.00 | 02/20/2005 15:24 | |

Fuel Oxygenates by 8260B

ACC Environmental Consultants

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Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-3 Lab ID: 2005-02-0327 - 2
Sampled: 02/09/2005 15:31 Extracted: 2/20/2005 17:08
Matrix: Water QC Batch#: 2005/02/20-01.68
Analysis Flag: L2 (See Legend and Note Section)

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | 7700 | 500 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Benzene | 670 | 5.0 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Toluene | 16 | 5.0 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Ethylbenzene | 83 | 5.0 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Total xylenes | 36 | 10 | ug/L | 10.00 | 02/20/2005 17:08 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 115.2 | 73-130 | % | 10.00 | 02/20/2005 17:08 | |
| Toluene-d8 | 108.1 | 81-114 | % | 10.00 | 02/20/2005 17:08 | |

Fuel Oxygenates by 8260B

ACC Environmental Consultants

Attn.: Aaron Wolf

7977 Capwell Drive, Suite 100

Oakland, CA 94621

Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00

444 Hegenberger

Received: 02/10/2005 17:40

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-4 Lab ID: 2005-02-0327 - 3
Sampled: 02/09/2005 15:22 Extracted: 2/21/2005 22:07
Matrix: Water QC Batch#: 2005/02/21-02.65
Analysis Flag: L2 (See Legend and Note Section)

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | 2000 | 250 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Benzene | 440 | 2.5 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Toluene | 12 | 2.5 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Ethylbenzene | 9.3 | 2.5 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Total xylenes | 7.6 | 5.0 | ug/L | 5.00 | 02/21/2005 22:07 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 110.4 | 73-130 | % | 5.00 | 02/21/2005 22:07 | |
| Toluene-d8 | 110.8 | 81-114 | % | 5.00 | 02/21/2005 22:07 | |

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/04/2005 15:28

Fuel Oxygenates by 8260B

ACC Environmental Consultants

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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 5030B | Test(s): 8260B |
| Sample ID: MW-5 | Lab ID: 2005-02-0327 - 4 |
| Sampled: 02/09/2005 12:00 | Extracted: 2/20/2005 17:43 |
| Matrix: Water | QC Batch#: 2005/02/20-01.68 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | 1100 | 50 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Methyl tert-butyl ether (MTBE) | 0.58 | 0.50 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Benzene | 160 | 0.50 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Toluene | 14 | 0.50 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Ethylbenzene | 50 | 0.50 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Total xylenes | 9.6 | 1.0 | ug/L | 1.00 | 02/20/2005 17:43 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 111.4 | 73-130 | % | 1.00 | 02/20/2005 17:43 | |
| Toluene-d8 | 103.4 | 81-114 | % | 1.00 | 02/20/2005 17:43 | |

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Fuel Oxygenates by 8260B

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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-6 Lab ID: 2005-02-0327 - 5
Sampled: 02/09/2005 15:15 Extracted: 2/20/2005 16:16
Matrix: Water QC Batch#: 2005/02/20-01.68

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 02/20/2005 16:16 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:16 | |
| Benzene | 0.94 | 0.50 | ug/L | 1.00 | 02/20/2005 16:16 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:16 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:16 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 02/20/2005 16:16 | |
| <i>Surrogate(s)</i> | | | | | | |
| 1,2-Dichloroethane-d4 | 108.5 | 73-130 | % | 1.00 | 02/20/2005 16:16 | |
| Toluene-d8 | 101.9 | 81-114 | % | 1.00 | 02/20/2005 16:16 | |

Fuel Oxygenates by 8260B

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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 5030B | Test(s): 8260B |
| Sample ID: MW-7 | Lab ID: 2005-02-0327 - 6 |
| Sampled: 02/09/2005 15:50 | Extracted: 2/20/2005 16:33 |
| Matrix: Water | QC Batch#: 2005/02/20-01.68 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Methyl tert-butyl ether (MTBE) | 0.55 | 0.50 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 02/20/2005 16:33 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 111.0 | 73-130 | % | 1.00 | 02/20/2005 16:33 | |
| Toluene-d8 | 101.2 | 81-114 | % | 1.00 | 02/20/2005 16:33 | |

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Fuel Oxygenates by 8260B

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Project: 6748-017.00

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Received: 02/10/2005 17:40

| | |
|---------------------------|-----------------------------|
| Prep(s): 5030B | Test(s): 8260B |
| Sample ID: MW-8 | Lab ID: 2005-02-0327 - 7 |
| Sampled: 02/09/2005 16:00 | Extracted: 2/20/2005 16:51 |
| Matrix: Water | QC Batch#: 2005/02/20-01.68 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 02/20/2005 16:51 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 112.7 | 73-130 | % | 1.00 | 02/20/2005 16:51 | |
| Toluene-d8 | 97.4 | 81-114 | % | 1.00 | 02/20/2005 16:51 | |

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Fuel Oxygenates by 8260B

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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/02/20-01.68

MB: 2005/02/20-01.68-015

Date Extracted: 02/20/2005 12:15

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 02/20/2005 12:15 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 02/20/2005 12:15 | |
| Benzene | ND | 0.5 | ug/L | 02/20/2005 12:15 | |
| Toluene | ND | 0.5 | ug/L | 02/20/2005 12:15 | |
| Ethylbenzene | ND | 0.5 | ug/L | 02/20/2005 12:15 | |
| Total xylenes | ND | 1.0 | ug/L | 02/20/2005 12:15 | |
| <i>Surrogates(s)</i> | | | | | |
| 1,2-Dichloroethane-d4 | 112.4 | 73-130 | % | 02/20/2005 12:15 | |
| Toluene-d8 | 106.2 | 81-114 | % | 02/20/2005 12:15 | |

Fuel Oxygenates by 8260B

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Project: 6748-017.00
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Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/02/21-02.65-034

Water

Test(s): 8260B

QC Batch # 2005/02/21-02.65

Date Extracted: 02/21/2005 18:34

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 02/21/2005 18:34 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 02/21/2005 18:34 | |
| Benzene | ND | 0.5 | ug/L | 02/21/2005 18:34 | |
| Toluene | ND | 0.5 | ug/L | 02/21/2005 18:34 | |
| Ethylbenzene | ND | 0.5 | ug/L | 02/21/2005 18:34 | |
| Total xylenes | ND | 1.0 | ug/L | 02/21/2005 18:34 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 103.4 | 73-130 | % | 02/21/2005 18:34 | |
| Toluene-d8 | 98.2 | 81-114 | % | 02/21/2005 18:34 | |

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03/04/2005 15:28

Fuel Oxygenates by 8260B

ACC Environmental Consultants
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Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/02/20-01.68

LCS 2005/02/20-01.68-057
LCSD

Extracted: 02/20/2005

Analyzed: 02/20/2005 11:57

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 22.3 | | 25.0 | 89.2 | | | 65-165 | 20 | | |
| Benzene | 21.4 | | 25.0 | 85.6 | | | 69-129 | 20 | | |
| Toluene | 22.8 | | 25.0 | 91.2 | | | 70-130 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 489 | | 500 | 97.8 | | | 73-130 | | | |
| Toluene-d8 | 526 | | 500 | 105.2 | | | 81-114 | | | |

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03/04/2005 15:28

Fuel Oxygenates by 8260B

ACC Environmental Consultants

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Oakland, CA 94621
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Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/02/21-02.65

LCS 2005/02/21-02.65-007
LCSD

Extracted: 02/21/2005

Analyzed: 02/21/2005 18:07

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 27.4 | | 25.0 | 109.6 | | | 65-165 | 20 | | |
| Benzene | 20.3 | | 25.0 | 81.2 | | | 69-129 | 20 | | |
| Toluene | 21.3 | | 25.0 | 85.2 | | | 70-130 | 20 | | |
| <i>Surrogates(s)</i> | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 445 | | 500 | 89.0 | | | 73-130 | | | |
| Toluene-d8 | 479 | | 500 | 95.8 | | | 81-114 | | | |

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03/04/2005 15:28

Fuel Oxygenates by 8260B

ACC Environmental Consultants

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Project: 6748-017.00
444 Hagenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/02/20-01.68

MW-2 >> MS

Lab ID: 2005-02-0327 - 001

MS: 2005/02/20-01.68-041

Extracted: 02/20/2005

Analyzed: 02/20/2005 15:41

Dilution: 1.00

MSD: 2005/02/20-01.68-058

Extracted: 02/20/2005

Analyzed: 02/20/2005 15:58

Dilution: 1.00

| Compound | Conc. ug/L | | | Spk Level ug/L | Recovery % | | | Limits % | | Flags | |
|-------------------------|------------|------|--------|----------------|------------|-------|------|----------|-----|-------|-----|
| | MS | MSD | Sample | | MS | MSD | RPD | Rec. | RPD | MS | MSD |
| Methyl tert-butyl ether | 25.2 | 21.3 | ND | 25.0 | 100.8 | 85.2 | 16.8 | 85-165 | 20 | | |
| Benzene | 100 | 92.4 | 69.2 | 25.0 | 123.2 | 92.8 | 28.1 | 69-129 | 20 | | R1 |
| Toluene | 27.5 | 24.8 | 1.22 | 25.0 | 105.1 | 94.3 | 10.8 | 70-130 | 20 | | |
| <i>Surragate(s)</i> | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 491 | 471 | | 500 | 98.2 | 94.2 | | 73-130 | | | |
| Toluene-d8 | 517 | 511 | | 500 | 103.4 | 102.2 | | 81-114 | | | |

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Fuel Oxygenates by 8260B

ACC Environmental Consultants

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Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6748-017.00
444 Hegenberger

Received: 02/10/2005 17:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/02/21-02.65

MS/MSD

Lab ID: 2005-02-0389 - 003

MS: 2005/02/21-02.65-055

Extracted: 02/21/2005

Analyzed: 02/21/2005 19:55

Dilution: 1.00

MSD: 2005/02/21-02.65-020

Extracted: 02/21/2005

Analyzed: 02/21/2005 20:20

Dilution: 1.00

| Compound | Conc. ug/L | | Spk Level | Recovery % | | | Limits % | | Flags | | |
|-------------------------|------------|------|-----------|------------|-------|-------|----------|--------|-------|-----|----|
| | MS | MSD | | Sample | ug/L | MS | MSD | RPD | Rec. | RPD | MS |
| Methyl tert-butyl ether | 30.7 | 27.4 | ND | 25.0 | 122.8 | 109.6 | 11.4 | 65-165 | 20 | | |
| Benzene | 22.6 | 22.7 | ND | 25.0 | 90.4 | 90.8 | 0.4 | 69-129 | 20 | | |
| Toluene | 22.2 | 24.3 | ND | 25.0 | 88.8 | 97.2 | 9.0 | 70-130 | 20 | | |
| <i>Surrogate(s)</i> | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 451 | 435 | | 500 | 90.2 | 87.0 | | 73-130 | | | |
| Toluene-d8 | 450 | 495 | | 500 | 90.0 | 99.0 | | 81-114 | | | |

Fuel Oxygenates by 8260B

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Project: 6748-017.00

444 Hegenberger

Received: 02/10/2005 17:40

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

R1

Analyte RPD was out of QC limits.

2005-02-0327

Report To: *Debra Wolf*

Company: ACC ENVIRONMENTAL CONSULTANTS

Address: 7977 CAPWELL DRIVE, OAKLAND, CA

P: (510) 638-8400 E: *AWOLF@ALCON.COM*

Bill To: ACC ENVIRONMENTAL Sampled By: *[Signature]*

Alln: *ADWA* Phone ext: *102*

| Sample ID | Date | Time | Mtd | Pres | TPH EPA | Purgeable Aromatics | TPH EPA | End Test | Purgeable Hydrocarbons | Volatile Organics | Semivolatiles | Oil and Grease | Pesticides | PCBs | PNAs | CMs | Metals | W/E/T | Hexavalent Chromium | pH | Spot Cond. | Anions | | |
|------------------|-------|-------|-----|------|---------|---------------------|---------|----------|------------------------|-------------------|---------------|----------------|------------|------|------|-----|--------|-------|---------------------|----|------------|--------|--|--|
| MW-2 | 02/09 | 3:00 | Hyt | W- | X | | X | | | | | | | | | | | | | | | | | |
| MW-3 | | 3:21 | | | X | | | | | | | | | | | | | | | | | | | |
| MW-4 | | 3:39 | | | X | | | | | | | | | | | | | | | | | | | |
| MW-5 | | 12:00 | | | X | | X | | | | | | | | | | | | | | | | | |
| MW-6 | | 3:15 | | | X | | X | | | | | | | | | | | | | | | | | |
| MW-7 | | 3:50 | | | X | | | | | | | | | | | | | | | | | | | |
| MW-8 | | 4:00 | | | X | | | | | | | | | | | | | | | | | | | |
| MW-9 | | | | | | | X | | | | | | | | | | | | | | | | | |
| MW-10 | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-11 | | | | | | | | | | | | | | | | | | | | | | | | |

Number of Containers: *5*

Project Info: Project Name: *794th Ave/Burgen* Project #: *67 0-017.00*

Sample Receipt: # of Containers: Head Space: Temp: Conforms to record:

1) Relinquished by: *[Signature]* 11:18
Signature: *AARON WOLF* Time: 02-10-05
Printed Name: AARON WOLF Date: 02/10/05
Company: ACC ENVIRONMENTAL CONSULTANTS

2) Relinquished by: *[Signature]* 17:40
Signature: *[Signature]* Time: 2/10/05
Printed Name: *[Signature]* Date: 2/10/05
Company: STL-SF

3) Relinquished by: Signature: Time: Printed Name: Date: Company:

T A T (Std 5 Day) 72h 48h 24h Other:

1) Received by: *[Signature]* 11:18
Signature: *[Signature]* Time: 2/10/05
Printed Name: *[Signature]* Date: 2/10/05
Company: STL-SF

2) Received by: *[Signature]* 17:40
Signature: *[Signature]* Time: 2/10/05
Printed Name: *[Signature]* Date: 2/10/05
Company: STL-SF

3) Received by: Signature: Time: Printed Name: Date: Company:

Special Instructions / Comments: Please report any unknown peaks in 8260B Analyses.