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**CAMBRIA**



**To:** Barney Chan

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**Company:** ACHA

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**Address:**

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**Phone:**

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**Fax:**

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**From:** Melissa Terry

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**Phone:** 510-420-3345

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**Date:** 11/19/04

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**Re:** Former Chevron #9-6607

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# Transmittal

Dear Barney –

Enclosed is the final copy of the *Well Destruction and Subsurface Investigation Report* for the Alameda site on Otis Avenue (#9-6607). Also enclosed is the revised version of the *Tank and Dispenser Island Removal and Overexcavation Report*. The original document was missing several pages of the latest QMR. This revised copy contains all pages.

If you have any questions or concerns about this report, please do not hesitate to call me at the number listed above, or Bob Foss at 510-420-3348. Thank you and have a great day.

Sincerely,

**Cambria Environmental Technology, Inc.**

Cambria Environmental Technology, Inc., 5900 Hollis Street, Suite A, Emeryville, CA 94608  
Tel (510) 420-0700 Fax (510) 420-9170

NOV 23 2004

November 19, 2004

Mr. Barney Chan  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Re: **Well Destruction and Subsurface Investigation Report**  
Former Chevron Service Station # 9-6607  
2340 Otis Drive  
Alameda, California



Mr. Chan:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) submits this report describing recent well destruction and subsurface investigation activities performed at the site referenced above. The well destructions and subsurface investigation were conducted in accordance with our July 30, 2004 *Investigation/Well Destruction Workplan*. Summarized below are the site background, a discussion of well destruction and subsurface investigation activities, and laboratory analytic results.

## SITE BACKGROUND

The site is located at the western corner of Otis Drive and Park Street in Alameda, California (Figure 1). Chevron operated a service station onsite from the mid-1970s through August 2004. In September 2004, the station was demolished and all underground storage tanks (USTs) and station facilities were removed from the site. Currently the site is vacant, with a plan to redevelop it as a parking lot for a proposed new retail facility on the adjacent parcel. Surrounding site use is mixed commercial and residential. The site is located in the Alameda Bay Plain Basin and the regional lithology consists of miscellaneous Bay Mud or Merritt Sand. Prior to the early 1960s, this portion of Alameda was beneath the San Francisco Bay. The area was artificially filled using locally derived dredge material at that time. The following is a brief description of the site investigative history.

***February 1991, UST and Product Line Removal, Overexcavation and Replacement:*** In February 1991, three fiberglass gasoline USTs and one fiberglass used-oil UST were removed from the site. Depth to water was encountered during this investigation at 6 to 7 feet below grade (fbg). Eight soil samples and two water samples (one from each UST excavation) were collected. The only hydrocarbon concentrations detected in any of the soil samples was 3,200 milligrams per kilogram

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(mg/kg) total oil and grease (TOG) in sample #7 from the used-oil UST excavation. Total petroleum hydrocarbons as gasoline (TPHg) was detected in the water samples at 48,000 and 3,000 micrograms per liter ( $\mu\text{g/l}$ ) in the gasoline UST and used-oil UST pits, respectively. Additional soil was subsequently overexcavated and removed from the gasoline UST pit. Confirmation soil samples #1 through #6 were collected after overexcavation to confirm that the impacted soil had been removed. No significant concentrations of hydrocarbons were detected in these confirmation samples. Additional soil was also removed from the used-oil UST pit. The excavation was widened by approximately 3 feet to remove additional impacted soil. Confirmation soil sample #1, collected after additional overexcavation, contained one order of magnitude less TOG than in sample #7. No other hydrocarbons were detected. Product lines were removed and soil samples #2 through #15 were collected from the product line trenches and beneath former dispensers. A maximum concentration of 36 mg/kg benzene was detected beneath the dispenser islands. TPHg was detected at a maximum concentration of 5,700 mg/kg in sample #13. In March 1991, further overexcavation was conducted in the product line trenches and the used-oil UST pit. Overexcavation near the former used-oil UST was limited due to the concern for the structural integrity of the building. After all overexcavation activities were completed, the highest concentration of TPHg remaining in the soil was 150 mg/kg in product trenches, 2.6 mg/kg in the gasoline UST pit, and 150 mg/kg in the used-oil UST pit. A concentration of 16,000 mg/kg TOG remained in the used-oil UST pit, detected in confirmation sample #10 at 6 fbg.

**August 1991, Well Installation:** In August 1991, Geraghty & Miller, Inc. installed monitoring wells MW-1 through MW-4 on the site. These monitoring wells have been monitored and sampled on a quarterly basis since that time.

**Groundwater Depth and Flow Direction:** Groundwater typically occurs at depths ranging from approximately 2.5 to 5.5 fbg at this site and fluctuates about 2 ft annually. Due to the proximity of the San Francisco Bay and highly permeable fill soils, a tidal influence is possible in groundwater beneath the site. Groundwater generally flows towards the south to southwest at an approximate gradient of 0.003 ft/ft.


## WELL DESTRUCTION AND SUBSURFACE INVESTIGATION ACTIVITIES

**Well Destruction:** On September 1, 2004, Senior Staff Geologist Sarah Owen and Staff Scientist Melissa Terry of Cambria were onsite to conduct well destruction and subsurface investigation activities. Staff Scientist Melissa Terry observed the destruction of wells MW-1 through MW-4. The wells were destroyed by drilling out the well casings and pressure grouting the holes with Portland

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type I/II cement to the surface using a tremie pipe. All wells were destroyed by Woodward Drilling Company, Inc. of Rio Vista. The well destruction permits issued by the Alameda County Public Works Department are presented as Attachment A.

Soil and rinseate water generated during well destruction activities were profiled and transported by Integrated Waste Management, Inc. of Milpitas, California, and disposed of at Republic Services Vasco Road Landfill in Livermore, California.




**Subsurface Investigation:** A subsurface investigation was conducted concurrently with well destruction activities on September 1 and 2, 2004. The investigation was conducted to further delineate the lateral and vertical extent of hydrocarbons in soil and groundwater beneath the site. To do this, Cambria and Woodward Drilling Co. advanced seven soil borings at locations across the site using Geoprobe technology. Borings B1, B2, B4 and B5 were advanced to depths of 11 fbg. Boring B7 was advanced to a depth of 15.5 fbg. Borings B3 and B6 were advanced to depths of 20 fbg. Soil samples were collected from all borings at five-foot intervals using a direct push sampler lined with a polyurethane sleeve. Grab groundwater samples were also collected from each boring, at depths of eight and eleven fbg. Groundwater samples from eight fbg were collected by inserting a section of slotted PVC pipe to the bottom of the boring, then using a peristaltic pump to decant the groundwater sample up through clean, disposable, Teflon tubing, into glass containers preserved with hydrochloric acid. Groundwater samples from eleven fbg were collected by using a Geoprobe equipped with a hydropunch. All soil and groundwater samples were labeled, placed on ice, and transported to a State-certified laboratory for chemical analysis. Soil boring and sampling locations are shown on Figure 2. Cambria's *Standard Procedures for Geoprobe Sampling* is presented as Attachment B.

**Soil and Groundwater Sampling Chemical Analyses:** All soil and groundwater samples collected were sent by Cambria to Lancaster Laboratories in Richmond, California for chemical analysis. The samples were analyzed for TPHg by EPA Method 8015M, benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl butyl ether (TAME), ethyl tertiary butyl ether (ETBE), 1,2-dichloroethane, and 1,2-dibromoethane (EDB) by EPA Method 8260B. Laboratory analytic data for soil and groundwater samples are summarized in Tables 1 and 2, respectively. Laboratory analytic reports and chain of custody records are presented as Attachment C.

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## FINDINGS



**Analytic Results of Soil Sampling:** No TPHg or BTEX was detected in any of the soil samples collected from borings B1, B2, B3, B4, B6 or B7. TPHg was detected at concentrations of 13 and 11 mg/kg at 5 and 10 fbg, respectively, only in boring B5. The only benzene detected was also from boring B5, at a concentration of 0.0008 mg/kg at 10 fbg. Boring B5 was located between the southernmost pump island and the station building. Concentrations of MTBE were detected in most of the soil samples collected, with the highest concentration of 0.24 mg/kg occurring in sample B6 at 20 fbg. Boring B6 was located approximately 20 feet east of B5, south of the USTs. MTBE was not detected in shallow (5 fbg) samples collected from borings B1, B4, B5, B6 and B7. Laboratory analytic data for soil is summarized in Table 1.

**Analytic Results of Grab Groundwater Sampling:** TPHg and BTEX were not detected in grab groundwater samples collected from upgradient borings B1 and B4. The highest concentration of TPHg detected was 1,700 micograms per liter ( $\mu\text{g/l}$ ) in the sample collected from boring B2 at 8 fbg. Benzene was detected in only two samples, with the highest concentration of 160  $\mu\text{g/l}$  detected in a groundwater sample collected from boring B2 at 8 fbg. Concentrations of MTBE ranged from non-detect to 680  $\mu\text{g/l}$  in a grab groundwater sample collected from boring B2 at 8 fbg. Boring B2 was located between the northern and middle dispenser islands. Analytic results for nearly all water samples were noted as containing greater than 1 volume % sediment. As a result, even relatively low concentrations of hydrocarbons sorbed to the soil particles included in these grab groundwater samples could yield concentrations in the ranges indicated above as the maximum concentrations of both TPHg and benzene. We, therefore, feel that the reported concentrations from these grab samples are not indicative of stable groundwater conditions, as represented by samples obtained from the former onsite monitoring wells. Laboratory analytic data for groundwater is summarized in Table 2.

## CLOSING

The service station has now been demolished, the sources of hydrocarbon impacts have been removed and future use of the site will be as a parking lot. Residual hydrocarbons have been removed from the subsurface by overexcavation of approximately 600 cubic yards of soil during facility demolition (*Tank and Dispenser Island Removal and Overexcavation Report*, November 3, 2004). Residual concentrations of hydrocarbons and MTBE observed in confirmation soil samples collected at the excavation boundaries were low to non-detect. Historical groundwater monitoring at the site has shown decreasing trends of hydrocarbons in onsite monitoring wells, as presented in Figures 3 through 8 and in Attachment D. Additionally, historical information indicates that the land beneath this site

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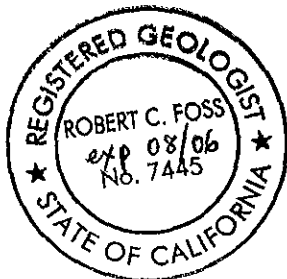
was derived from dredged bay sediments during the early 1960s. This, along with the site's proximity to the bay and the channel that represents the former shoreline, suggests that water quality beneath the site would inhibit its use due to the potential for saltwater intrusion and the original saline sediments. Water is supplied to the City of Alameda by East Bay Municipal Utilities District and, being a commercial development into the foreseeable future, it is highly unlikely that any nearby groundwater usage would occur in the future. Therefore, Cambria recommends this case be closed and a closure letter be issued by the ACEHS for the subject site. Please contact Robert Foss at (510) 420-3348 if you have any questions or comments.



Sincerely,  
**Cambria Environmental Technology, Inc.**

Melissa Terry  
Staff Scientist

Robert Foss, R.G.  
Associate Geologist



- Figure:
- 1 - Vicinity Map
  - 2 - Site Plan w/ Soil Boring and Sample Locations
  - 3 - TPHg Concentration Trend in Groundwater for MW-1
  - 4 - Benzene Concentration Trend in Groundwater for MW-1
  - 5 - MTBE Concentration Trend in Groundwater for MW-1
  - 6 - TPHg Concentration Trend in Groundwater for MW-2
  - 7 - Benzene Concentration Trend in Groundwater for MW-2
  - 8 - MTBE Concentration Trend in Groundwater for MW-2

- Tables:
- 1 - Soil Analytic Data
  - 2 - Groundwater Analytic Data

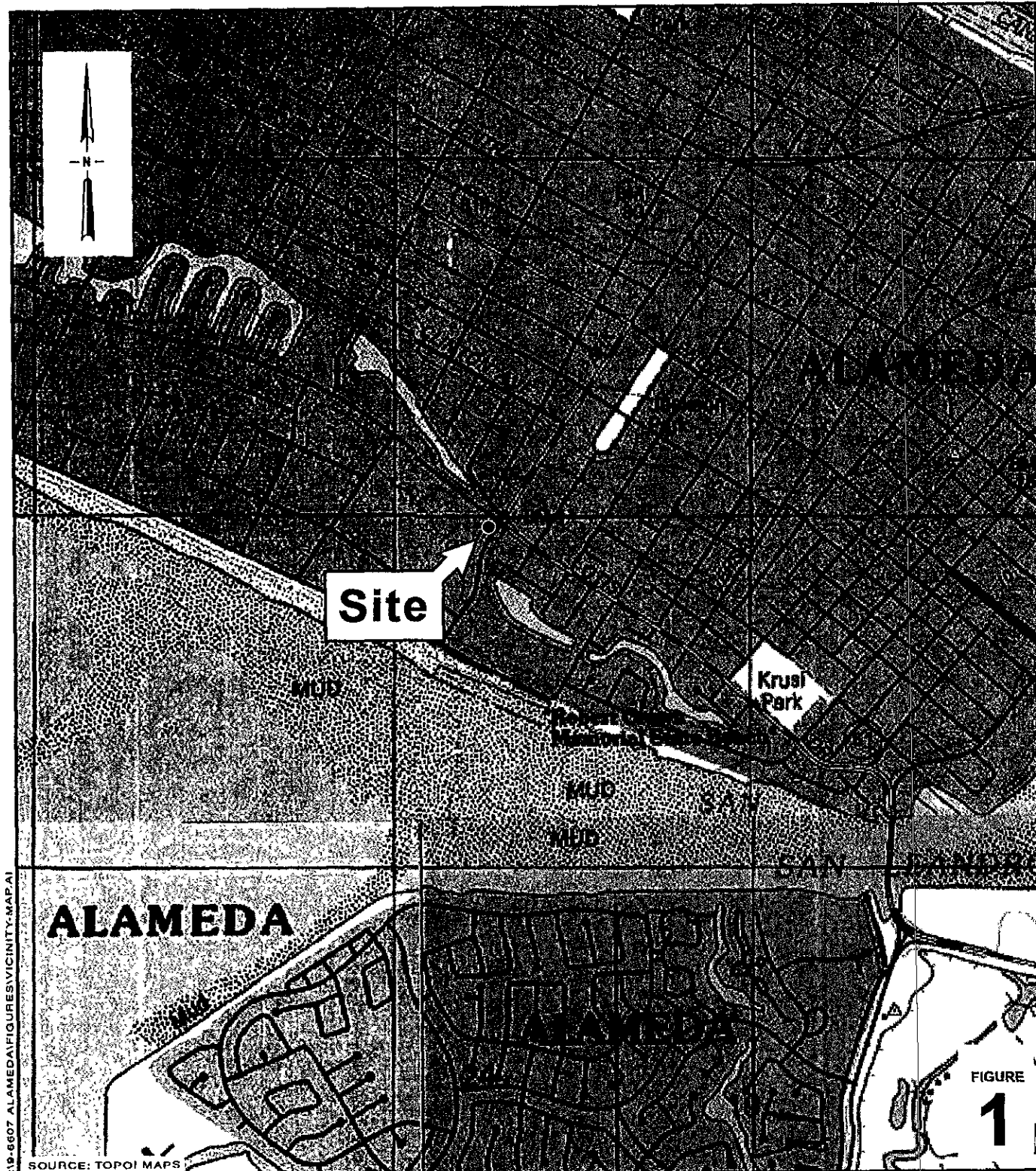
- Attachments:
- A - Well Destruction and Soil Boring Permits
  - B - Standard Procedures for Geoprobe Sampling
  - C - Laboratory Analytical Reports for Soil and Groundwater Samples
  - D - Groundwater Monitoring and Sampling Report, Third Quarter 2004

Mr. Barney Chan  
November 19, 2004

# C A M B R I A

cc: Ms. Karen Streich, Chevron Environmental Management Company, P.O. Box 6012,  
San Ramon, CA 94583-0804  
Mr. Dana Thurman, Chevron Environmental Management Company, P.O. Box 6012,  
San Ramon, CA 94583-0804  
Mr. Charles Almestad, Kleinfelder, 1970 Broadway, Suite 710, Oakland, CA 94612  
Mr. Michael P. Corbitt, Harsch Investment Properties, 523 South Shore Center West,  
Alameda, CA 94501  
Mr. Bruce Eppler, Cambria, Rocklin, CA





1:9-6607 ALAMEDA\FIGURES\VICINITY-MAP.A1

SOURCE: TOPOI MAPS

FIGURE  
**1**

0 1/8 1/4 1/2 1  
SCALE : 1" = 1/4 MILE

**Chevron Service Station 9-6607**  
2340 Otis Drive  
Alameda, California

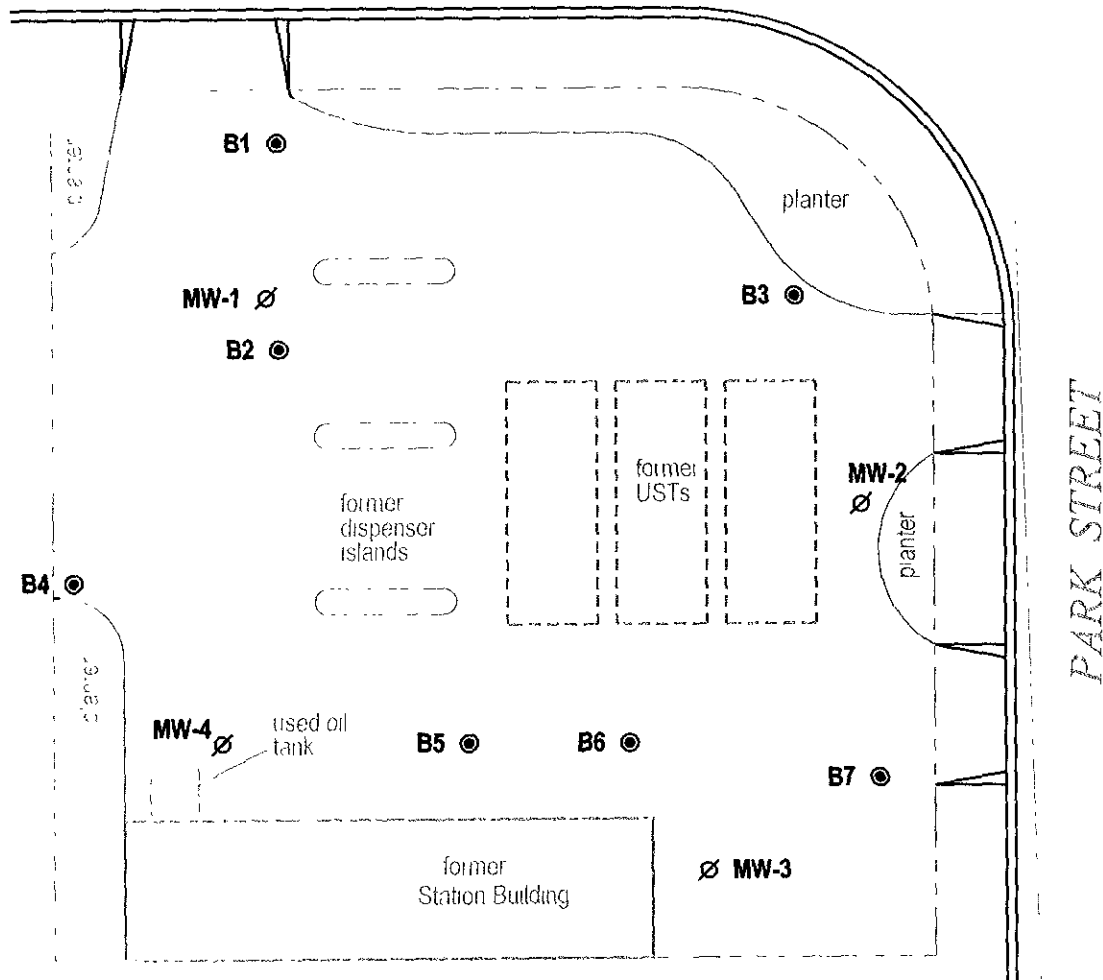


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**Vicinity Map**

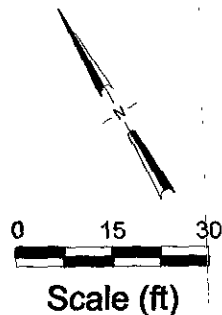


OTIS DRIVE



1:10-9607\FIGURES\SITEPLAN.DWG

| <b>EXPLANATION</b> |                                    |
|--------------------|------------------------------------|
| MW-1 ∅             | Destroyed monitoring well location |
| B4 ●               | Soil boring location               |



FIGURE

**2**

**Chevron Service Station 9-6607**

2340 Otis Drive

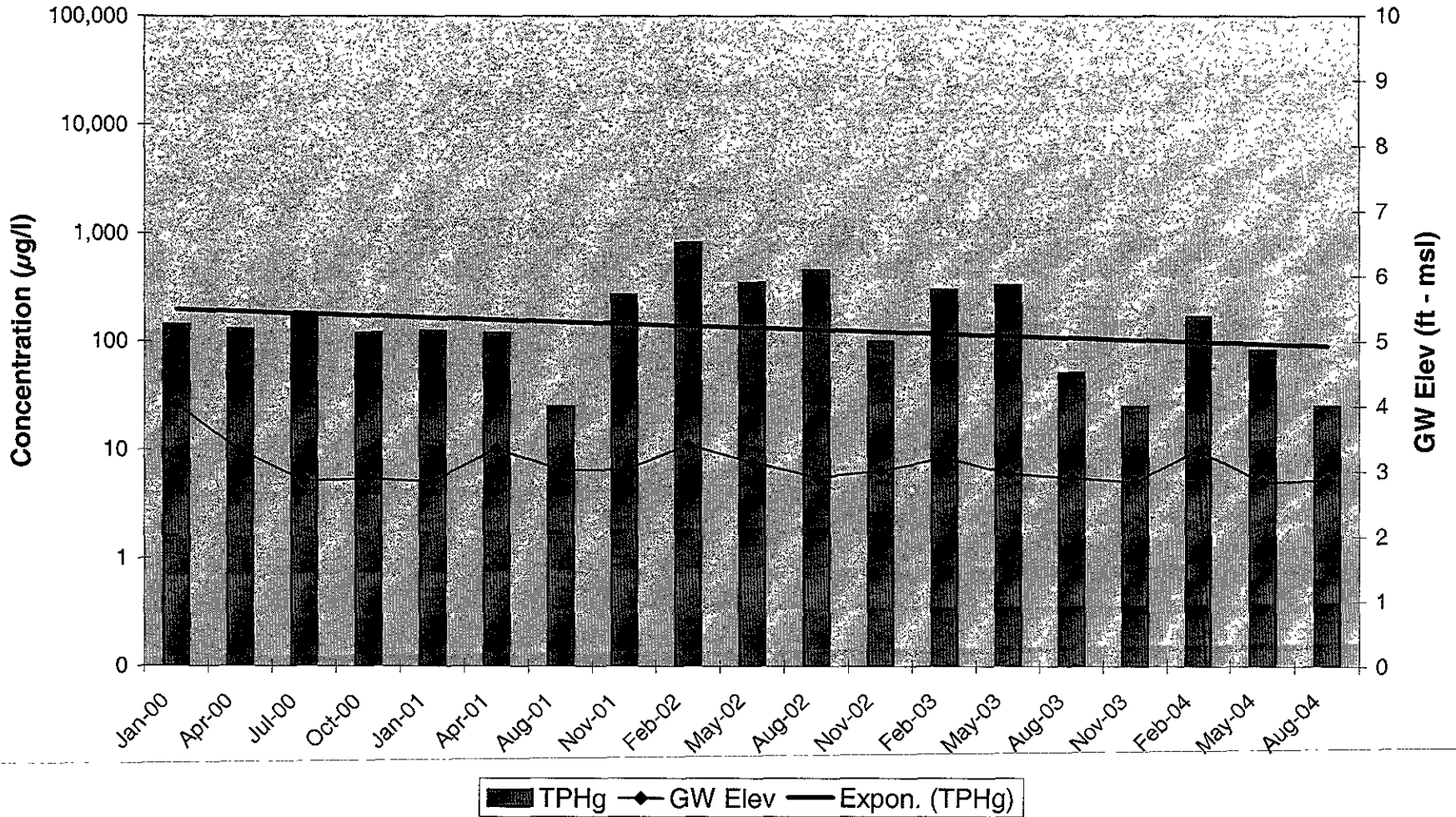
Alameda, California



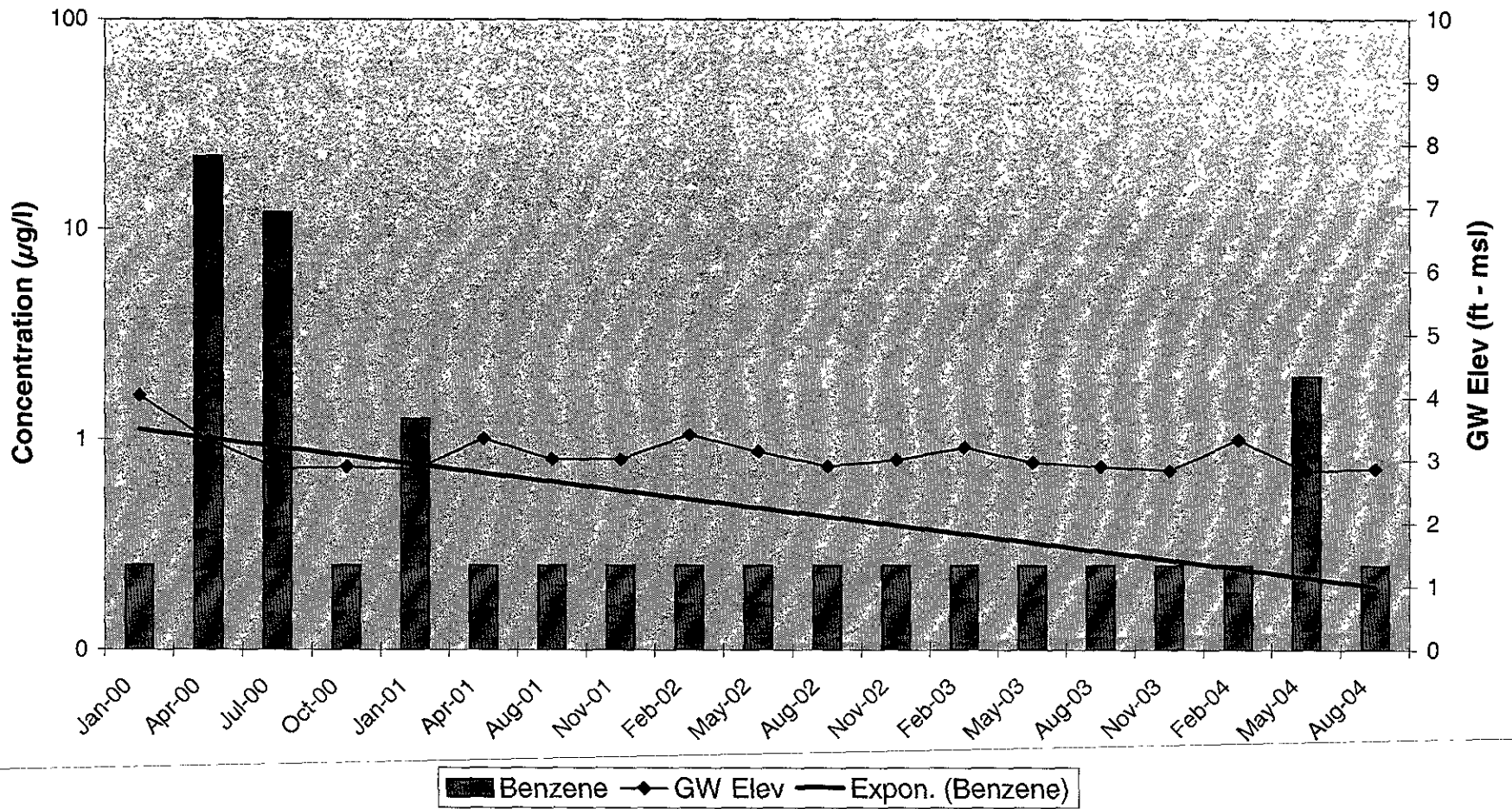
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**Soil Boring and Sample Locations**

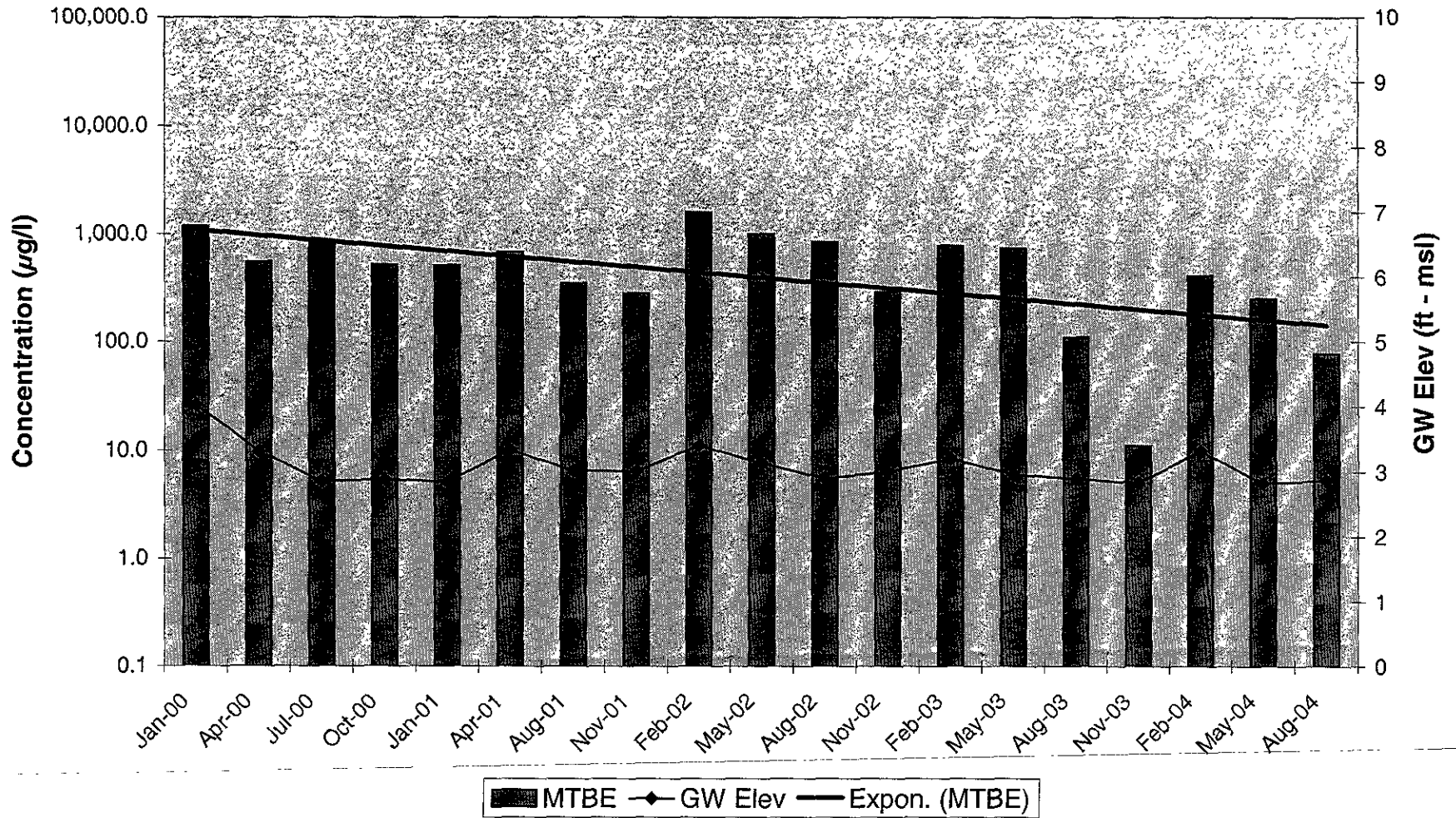
**Figure 3**  
**TPHg Concentration Trend in Groundwater**  
**for MW-1**



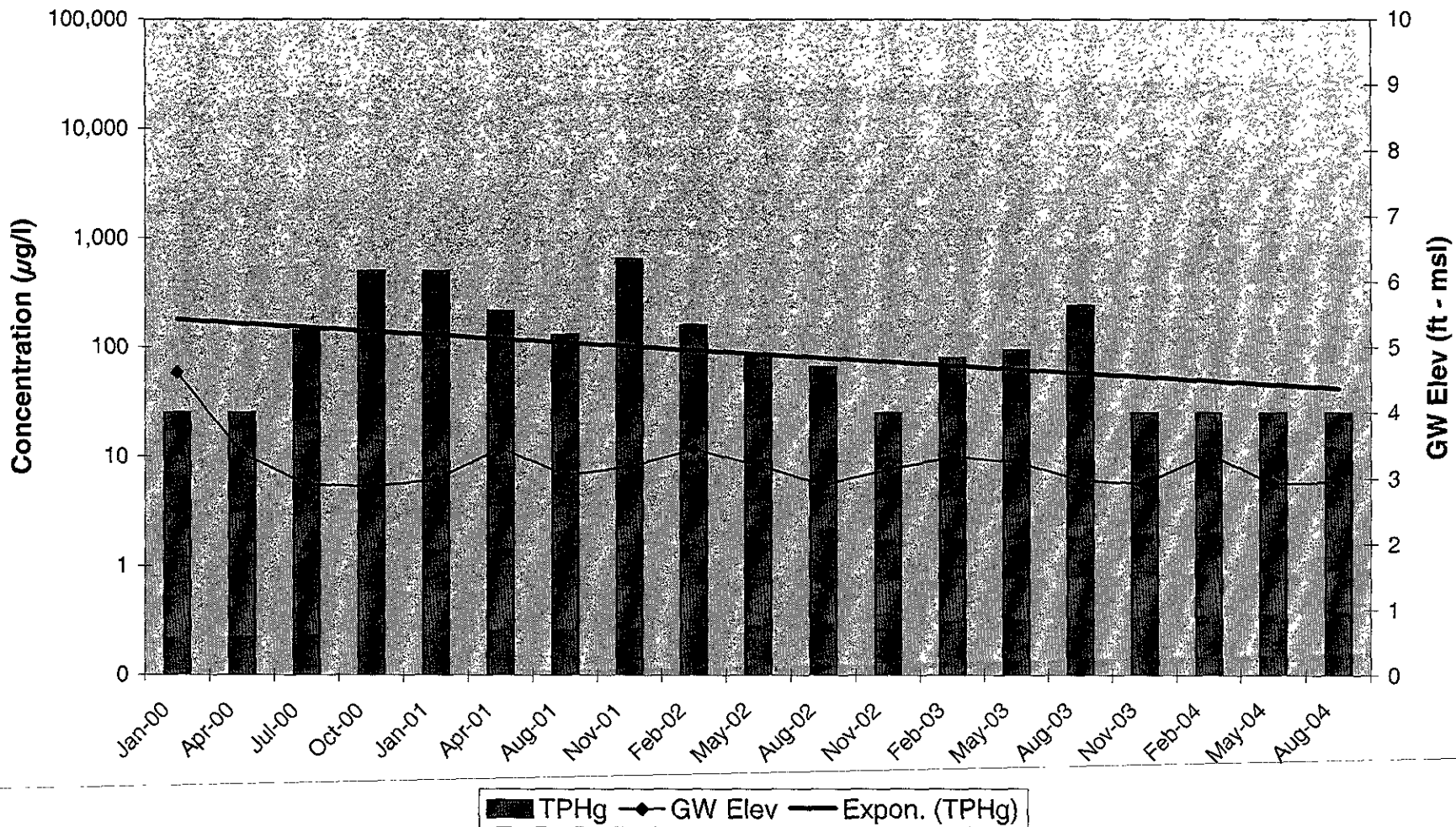
**Figure 4**  
**Benzene Concentration Trend in Groundwater**  
**for MW-1**



**Figure 5**  
**MTBE Concentration Trend in Groundwater**  
**for MW-1**

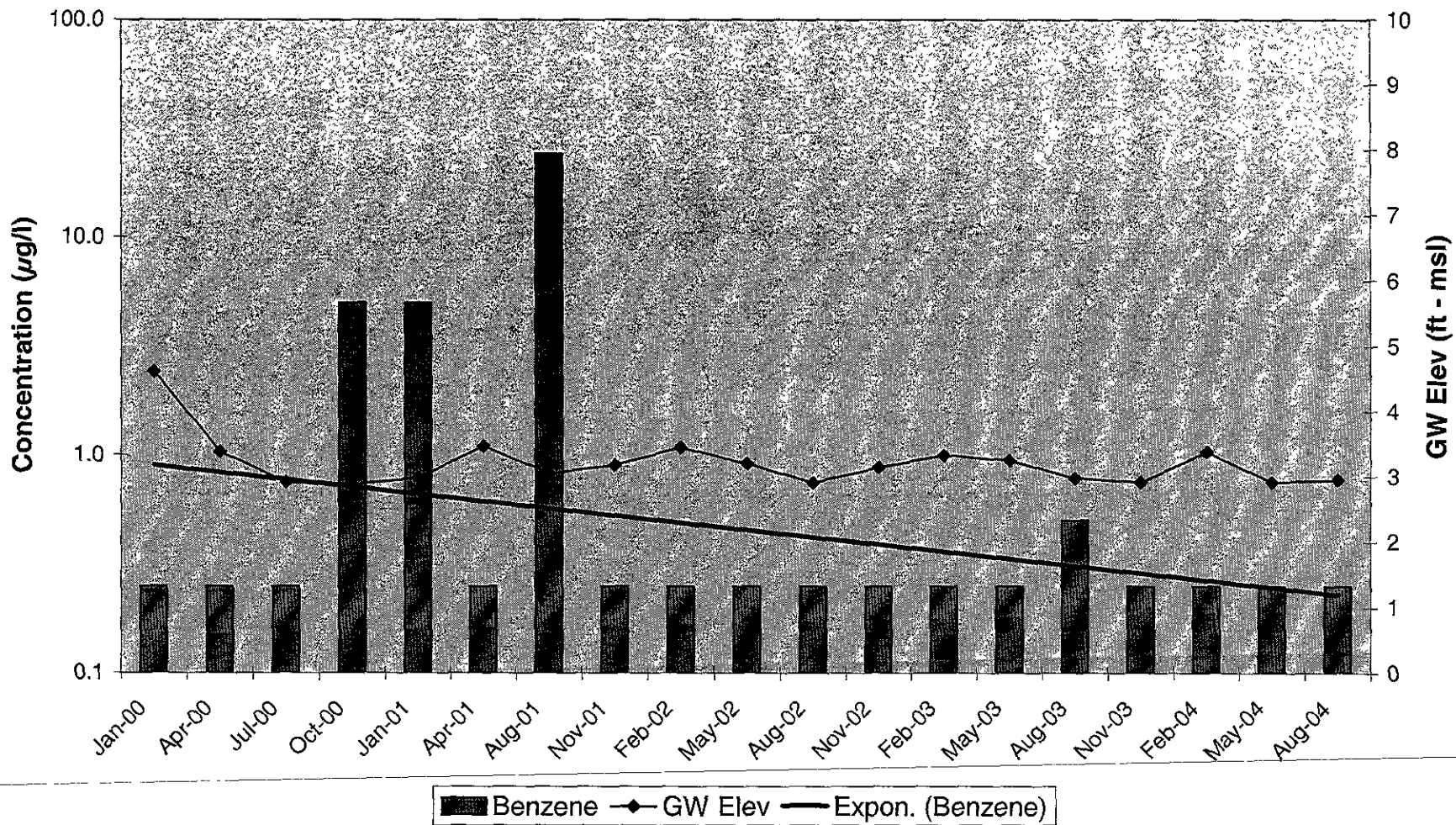


**Figure 6**  
**TPHg Concentration Trend in Groundwater**  
**for MW-2**

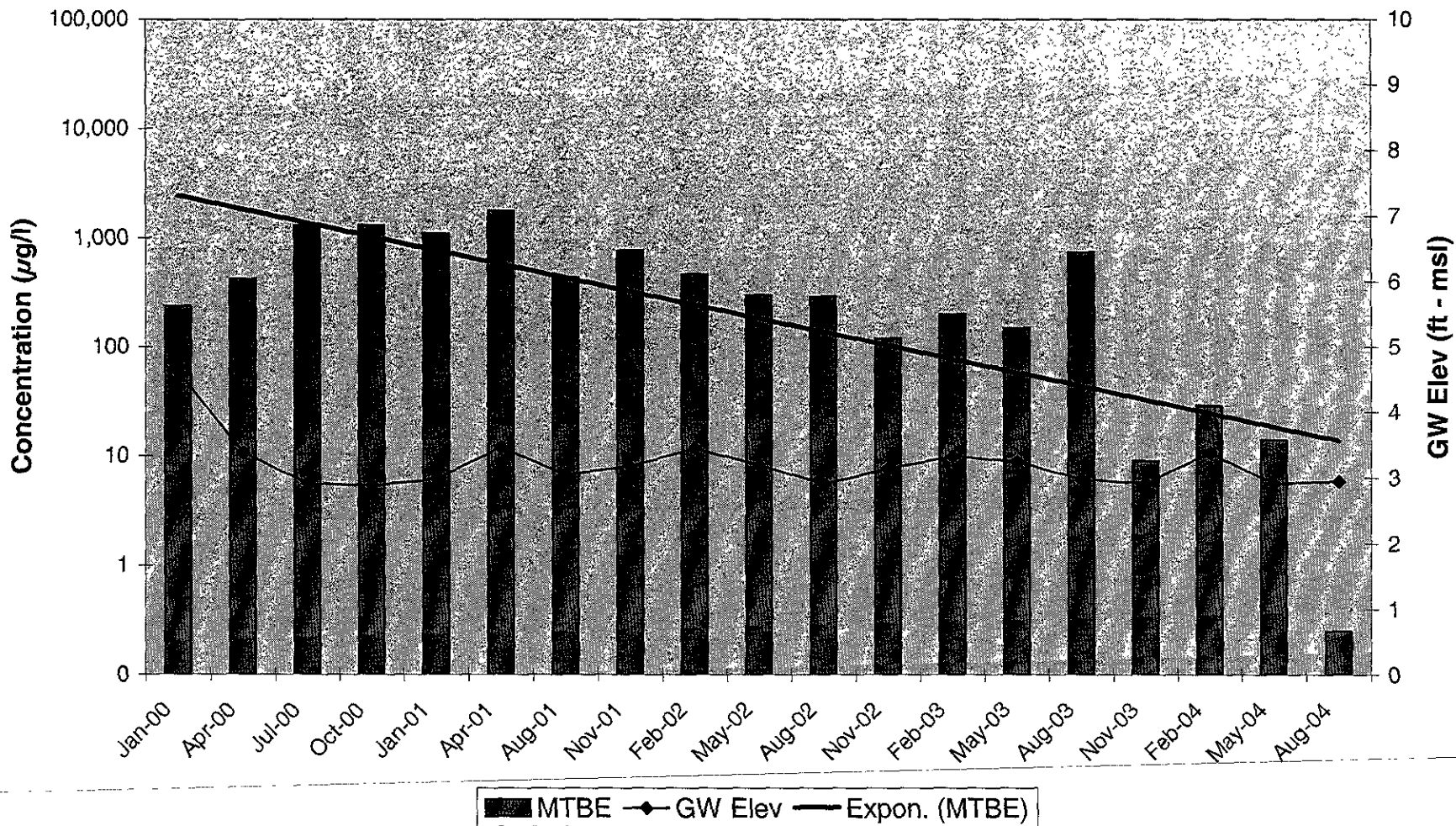




**Figure 7**  
**Benzene Concentration Trend in Groundwater**  
**for MW-2**



**Figure 8**  
**MTBE Concentration Trend in Groundwater**  
**for MW-2**



# CAMBRIA

**Table 1. Analytic Results for Soil Borings - Chevron Station 9-6607, 2340 Otis Drive, Alameda, CA**

| Sample ID  | Sample Depth (ft) | Sample Date | TPHg      | B             | T      | E      | X      | MTBE         |
|--|-------------------|-------------|-----------|---------------|--------|--------|--------|--------------|
| Concentrations reported in milligrams per kilogram mg/kg = parts per million |                   |             |           |               |        |        |        |              |
| B1-S-5   | 5                 | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <0.0005      |
| B1-S-10  | 10                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.057</b> |
| B2-S-5   | 5                 | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.015</b> |
| B2-S-10  | 10                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.026</b> |
| B3-S-5   | 5                 | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.002</b> |
| B3-S-10  | 10                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.003</b> |
| B3-S-16  | 16                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.029</b> |
| B3-S-20  | 20                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.024</b> |
| B4-S-5   | 5                 | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <0.0005      |
| B4-S-10  | 10                | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.001</b> |
| B5-S-5   | 5                 | 9/1/2004    | <b>13</b> | <0.0005       | <0.001 | <0.001 | <0.001 | <0.0005      |
| B5-S-10  | 10                | 9/1/2004    | <b>11</b> | <b>0.0008</b> | <0.001 | <0.001 | <0.001 | <b>0.005</b> |
| B6-S-5   | 5                 | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <0.0005      |
| B6-S-10  | 10                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.002</b> |
| B6-S-16  | 16                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.14</b>  |
| B6-S-20  | 20                | 9/2/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.24</b>  |
| B7-S-5   | 5                 | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <0.0005      |
| B7-S-10  | 10                | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.014</b> |
| B7-S-15.5  | 15.5              | 9/1/2004    | <1.0      | <0.0005       | <0.001 | <0.001 | <0.001 | <b>0.052</b> |

**Abbreviations/Notes:**

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M  
 Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B  
 Methyl tertiary butyl ether (MTBE) by EPA Method 8260B  
 <x = Not detected above method detection limit



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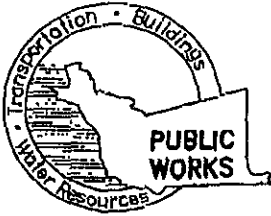
**Table 2. Analytic Results for Grab Groundwater Samples - Chevron Station 9-6607, 2340 Otis Drive, Alameda, CA**

| Sample ID   | Sample Depth (ft) | Sample Date | TPHg  | B    | T    | E    | X    | MTBE |
|---|-------------------|-------------|-------|------|------|------|------|------|
| Concentrations reported in micrograms per liter - $\mu\text{g/l}$ = parts per billion |                   |             |       |      |      |      |      |      |
| B1-W-8  | 8                 | 9/2/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | 77   |
| B1-W-11   | 11                | 9/2/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | 300  |
| B2-W-8  | 8                 | 9/1/2004    | 1,700 | 160  | 2    | 2    | 0.8  | 680  |
| B2-W-11   | 11                | 9/2/2004    | 69    | <0.5 | <0.5 | <0.5 | <0.5 | 260  |
| B3-W-8  | 8                 | 9/2/2004    | 52    | <0.5 | 0.6  | 1    | 4    | 16   |
| B3-W-11   | 11                | 9/2/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | 47   |
| B4-W-8  | 8                 | 9/1/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| B4-W-11   | 11                | 9/1/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | 4    |
| B5-W-8  | 8                 | 9/1/2004    | 260   | <0.5 | <0.5 | 4    | 15   | 23   |
| B5-W-11   | 11                | 9/2/2004    | 300   | 3    | 1    | <0.5 | 0.9  | 100  |
| B6-W-8  | 8                 | 9/2/2004    | 380   | <0.5 | 37   | 34   | 110  | 4    |
| B6-W-11   | 11                | 9/2/2004    | <50   | <0.5 | <0.5 | <0.5 | <0.5 | 180  |
| B7-W-8  | 8                 | 9/1/2004    | <50   | <0.5 | <0.5 | 1    | 5    | 1    |
| B7-W-11   | 11                | 9/1/2004    | 57    | <0.5 | <0.5 | <0.5 | <0.5 | 480  |

**Abbreviations/Notes:**

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M  
 Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B  
 Methyl tertiary butyl ether (MTBE) by EPA Method 8260B  
 <x = Not detected above method detection limit

**ATTACHMENT A**  
Well Destruction and Soil Boring Permits



## ALAMEDA COUNTY PUBLIC WORKS AGENCY

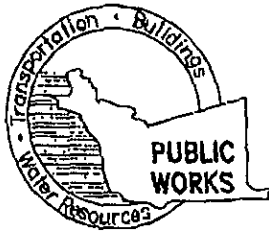
WATER RESOURCES SECTION  
399 ELMHURST ST. HAYWARD, CA. 94544-1395  
PHONE (510) 670-6633 James Yoo FAX (510) 782-1939

PERMIT NO. W04-0872

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### WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE GP # 1-GENERAL CONDITIONS: CONTAMINATION INVESTIGATION

1. Prior to any drilling activities shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that Federal, State, County or to the City and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.
2. Borings shall be sealed within 24 hours following completion of testing or sampling activities. Borings shall not be left in a condition as to allow for the introduction of surface waters or foreign materials into them. No borehole(s) shall be left in a manner to act as a conduit at any time. Borings shall be secured such that they do not endanger public health. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes.
3. Permittee, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on-or off site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
4. Permit is valid only for the purpose specified herein on September 1 to September 2, 2004. No changes in construction procedures, as described on this permit application. Geoprobe shall not be converted to monitoring wells, without a permit application process.
5. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
6. Compliance with the above well-scaling specifications shall not exempt the well-scaling contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including Permit number and site map.
7. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
8. This permit may be voided if it contains incorrect information.



## ALAMEDA COUNTY PUBLIC WORKS AGENCY

**WATER RESOURCES SECTION**  
**399 ELMHURST ST. HAYWARD, CA. 94544-1395**  
**PHONE (510) 670-6633 James Yoo FAX (510) 782-1939**

**PERMIT NO. W04-0873-0876**

**WATER RESOURCES SECTION**  
**GROUNDWATER PROTECTION ORDINANCE**  
**Destruction of Wells (Less than 45 feet in depth)**

Destruction Requirements: **PRESSURE GROUTING # 1**

- 1) Remove any casing(s) and annular seal to 3-5 feet below finished grade of original ground, whichever is the lower elevation. If well(s) are obstructed, then drill out to original depth.
- 2) Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.
- 3) After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
- 4) Drilling permits are valid from the start date to the completion date. Permits can be extended by a phone call, but drilling permit applications will not be extended beyond 90 days from the approved start date. **Permit is valid from September 1 to September 2, 2004.**
- 5) Permittee, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
- 6) Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. This permit may be voided if it contains incorrect information.
- 7) Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
- 8) Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). **Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including: permit number and site map.**
- 9) Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

**ATTACHMENT B**  
Standard Procedures for Geoprobe Sampling

# CAMBRIA

## STANDARD FIELD PROCEDURES FOR GEOPROBE® SAMPLING

This document describes Cambria Environmental Technology's standard field methods for GeoProbe® soil and ground water sampling. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

### Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor odor or staining, estimate ground water depth and quality and to submit samples for chemical analysis.

### Soil Classification/Logging

All soil samples are classified according to the Unified Soil Classification System by a trained geologist or engineer working under the supervision of a California Registered Geologist (RG) or a Certified Engineering Geologist (CEG). The following soil properties are noted for each soil sample:

- Principal and secondary grain size category (i.e., sand, silt, clay or gravel)
- Approximate percentage of each grain size category,
- Color,
- Approximate water or separate-phase hydrocarbon saturation percentage,
- Observed odor and/or discoloration,
- Other significant observations (i.e., cementation, presence of marker horizons, mineralogy), and
- Estimated permeability.

### Soil Sampling

GeoProbe® soil samples are collected from borings driven using hydraulic push technologies. A minimum of one and one half ft of the soil column is collected for every five ft of drilled depth. Additional soil samples can be collected near the water table and at lithologic changes. Samples are collected using samplers lined with polyethylene or brass tubes driven into undisturbed sediments at the bottom of the borehole. The ground surface immediately adjacent to the boring is used as a datum to measure sample depth. The horizontal location of each boring is measured in the field relative to a permanent on-site reference using a measuring wheel or tape measure.

Drilling and sampling equipment is steam-cleaned or washed prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

### Sample Storage, Handling and Transport

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon® tape and plastic end caps. Soil samples are labeled and stored at or below 4°C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

# CAMBRIA

## Field Screening

After a soil sample has been collected, soil from the remaining tubing is placed inside a sealed plastic bag and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable GasTech<sup>®</sup> or photoionization detector measures volatile hydrocarbon vapor concentrations in the bag's headspace, extracting the vapor through a slit in the plastic bag. The measurements are used along with the field observations, odors, stratigraphy and ground water depth to select soil samples for analysis.

## Grab Ground Water Sampling

Ground water samples are collected from the open borehole using bailers, advancing disposable Tygon<sup>®</sup> tubing into the borehole and extracting ground water using a diaphragm pump, or using a hydro-punch style sampler with a bailer or tubing. The ground water samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4° C, and transported under chain-of-custody to the laboratory.

## Duplicates and Blanks

Blind duplicate water samples are usually collected only for monitoring well sampling programs, at a rate of one blind sample for every 10 wells sampled. Laboratory-supplied trip blanks accompany samples collected for all sampling programs to check for cross-contamination caused by sample handling and transport. These trip blanks are analyzed if the internal laboratory quality assurance/quality control (QA/QC) blanks contain the suspected field contaminants. An equipment blank may also be analyzed if non-dedicated sampling equipment is used.

## Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

**ATTACHMENT C**

Laboratory Analytic Reports for Soil and Groundwater Samples



## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco C/O Cambria  
4111 Citrus Avenue  
Suite 9  
Rocklin CA 95677  
916-630-1855

Prepared by:

Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425

### SAMPLE GROUP

The sample group for this submittal is 910828. Samples arrived at the laboratory on Saturday, September 04, 2004. The PO# for this group is 99011184 and the release number is MTI.

| <u>Client Description</u> |      |       | <u>Lancaster Labs Number</u> |
|---------------------------|------|-------|------------------------------|
| B1-S-5-040902             | NA   | Soil  | 4346070                      |
| B1-S-10-040902            | NA   | Soil  | 4346071                      |
| B2-S-5-040901             | NA   | Soil  | 4346072                      |
| B2-S-10-040901            | NA   | Soil  | 4346073                      |
| B3-S-5-040901             | NA   | Soil  | 4346074                      |
| B3-S-10-040902            | NA   | Soil  | 4346075                      |
| B3-S-16-040902            | NA   | Soil  | 4346076                      |
| B3-S-20-040902            | NA   | Soil  | 4346077                      |
| B4-S-5-040901             | NA   | Soil  | 4346078                      |
| B4-S-10-040901            | NA   | Soil  | 4346079                      |
| B5-S-5-040901             | NA   | Soil  | 4346080                      |
| B5-S-10-040901            | NA   | Soil  | 4346081                      |
| B6-S-5-040901             | NA   | Soil  | 4346082                      |
| B6-S-10-040902            | NA   | Soil  | 4346083                      |
| B6-S-16-040902            | NA   | Soil  | 4346084                      |
| B6-S-20-040902            | NA   | Soil  | 4346085                      |
| B7-S-5-040901             | NA   | Soil  | 4346086                      |
| B7-S-10-040901            | NA   | Soil  | 4346087                      |
| B7-S-15.5-040901          | NA   | Soil  | 4346088                      |
| B1-W-8-040902             | Grab | Water | 4346089                      |
| B1-W-11-040902            | Grab | Water | 4346090                      |
| B2-W-8-040901             | Grab | Water | 4346091                      |
| B2-W-11-040902            | Grab | Water | 4346092                      |
| B3-W-8-040902             | Grab | Water | 4346093                      |
| B3-W-11-040902            | Grab | Water | 4346094                      |

|                |      |       |         |
|----------------|------|-------|---------|
| B4-W-8-040901  | Grab | Water | 4346095 |
| B4-W-11-040901 | Grab | Water | 4346096 |
| B5-W-8-040901  | Grab | Water | 4346097 |
| B5-W-11-040902 | Grab | Water | 4346098 |
| B6-W-8-040902  | Grab | Water | 4346099 |
| B6-W-11-040902 | Grab | Water | 4346100 |
| B7-W-8-040901  | Grab | Water | 4346101 |
| B7-W-11-040901 | Grab | Water | 4346102 |

1 COPY TO Cambria Emeryville

Attn: Ms. Dorothy Truslow

Questions? Contact your Client Services Representative  
Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

  
Victoria M. Martell  
Chemist

Lancaster Laboratories Sample No. SW 4346070

 B1-S-5-040902 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B1  
 Collected: 09/02/2004 11:45 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA1-5

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.0005                             | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1.01            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 12:57       | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 12:20       | Anastasia Papadopoulos | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 10:20       | Carrie J Stock         | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 16:56       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346071

 BI-S-10-040902 NA Soil  
 Facility# 96607 CETR  
 2340 Otis Drive-Alameda T0600100316 B1  
 Collected: 09/02/2004 12:30 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA110

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method<br>Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|---------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                   | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                       |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                       |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.057              | 0.0005                                | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | 0.007              | 0.001                                 | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                                 | mg/kg | 1.01            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                                | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                                 | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                        |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/08/2004 10:27 | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 07:54 | Anastasia Papadopoulos | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 05:46 | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/08/2004 18:42 | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346072

 B2-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B2  
 Collected: 09/01/2004 17:11 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA2-5

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 0.015              | 0.0005                             | mg/kg | 0.99            |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02019   | t-Amyl methyl ether  | 994-05-8   | 0.002              | 0.001                              | mg/kg | 0.99            |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                              | mg/kg | 0.99            |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 0.99            |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 0.99            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 13:35       | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 08:16       | Anastasia Papadopoulos | 0.99            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 05:47       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 17:21       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346073

 B2-S-10-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B2  
 Collected: 09/01/2004 17:10 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA210

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 0.026              | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether  | 994-05-8   | 0.002              | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 14:13       | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 08:38       | Anastasia Papadopoulos | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 05:48       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:15       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346074

 B3-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B3  
 Collected: 09/01/2004 14:15 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA3-5

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method<br>Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|---------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                   | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                       |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 0.002              | 0.0005                                | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                                 | mg/kg | 1.01            |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                                | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                                 | mg/kg | 1.01            |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                                 | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst              | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|----------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 14:50       | Martha L Seidel      | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 09:00       | Anastasia Papadoplos | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 05:49       | Anastasia Papadoplos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:18       | Eric L Vera          | n.a.            |

Lancaster Laboratories Sample No. SW 4346075

 B3-S-10-040902 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B3  
 Collected: 09/02/2004 13:00 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:19  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA310

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.003              | 0.0005                             | mg/kg | 0.99            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 0.99            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 0.99            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 0.99            |
| The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.   |                             |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 15:28       | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 09:22       | Anastasia Papadopoulos | 0.99            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 05:50       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:21       | Eric L Vera            | n.a.            |



Lancaster Laboratories Sample No. SW 4346076

 B3-S-16-040902 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B3  
 Collected: 09/02/2004 14:40 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA316

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.029              | 0.0005                             | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1.01            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/09/2004 18:34       | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 09:44       | Anastasia Papadopoulos | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 06:31       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:23       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346077

B3-S-20-040902 NA Soil  
 Facility# 96607 CETR  
 2340 Otis Drive-Alameda T0600100316 B3  
 Collected: 09/02/2004 14:45 by MT

Account Number: 10880

Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

QA320

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.024              | 0.0005                             | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1.01            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/09/2004 19:11       | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 13:05       | Anastasia Papadopoulos | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 10:57       | Carrie J Stock         | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:35       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346078

 B4-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B4  
 Collected: 09/01/2004 11:45 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA4-5

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method<br>Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|---------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                   | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                       |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | N.D.               | 0.0005                                | mg/kg | 0.99            |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 02019   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                                 | mg/kg | 0.99            |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                                | mg/kg | 0.99            |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                                 | mg/kg | 0.99            |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                                 | mg/kg | 0.99            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                        |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/09/2004 19:49 | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 10:29 | Anastasia Papadopoulos | 0.99            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 06:33 | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/07/2004 18:37 | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346079

 B4-S-10-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B4  
 Collected: 09/01/2004 16:00 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA410

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received |                 | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------|-----------------|-------|-----------------|
|         |   |            |                    | Method      | Detection Limit |       |                 |
| 01725   | TPH-GRO - Soils   | n.a.       | N.D.               |             | 1.0             | mg/kg | 25              |
|         | The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |             |                 |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |             |                 |       |                 |
| 02016   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 0.001              |             | 0.0005          | mg/kg | 1               |
| 02017   | di-Isopropyl ether  | 108-20-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether   | 637-92-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02019   | t-Amyl methyl ether   | 994-05-8   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02020   | t-Butyl alcohol   | 75-65-0    | N.D.               |             | 0.020           | mg/kg | 1               |
| 05460   | Benzene   | 71-43-2    | N.D.               |             | 0.0005          | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane  | 107-06-2   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05466   | Toluene   | 108-88-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane   | 106-93-4   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05474   | Ethylbenzene  | 100-41-4   | N.D.               |             | 0.001           | mg/kg | 1               |
| 06301   | Xylene (Total)  | 1330-20-7  | N.D.               |             | 0.001           | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                        |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/09/2004 20:26 | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 10:51 | Anastasia Papadopoulos | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 06:34 | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/07/2004 18:40 | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346080

 B5-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B5  
 Collected: 09/01/2004 12:35 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA5-5

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | 13.                | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst              | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|----------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/09/2004 21:04       | Steven A Skiles      | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 11:13       | Anastasia Papadoplos | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 06:35       | Anastasia Papadoplos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:42       | Eric L Vera          | n.a.            |

Lancaster Laboratories Sample No. SW 4346081

B5-S-10-040901 NA Soil  
 Facility# 96607 CETR  
 2340 Otis Drive-Alameda T0600100316 B5  
 Collected: 09/01/2004 16:47 by MT

Account Number: 10880

Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA510

| CAT No.  | Analysis Name               | CAS Number | As Received Result | As Received |                 | Units | Dilution Factor |
|--|-----------------------------|------------|--------------------|-------------|-----------------|-------|-----------------|
|  |                             |            |                    | Method      | Detection Limit |       |                 |
| 01725  | TPH-GRO - Soils             | n.a.       | 11.                |             | 1.0             | mg/kg | 25              |
| <p>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.</p> |                             |            |                    |             |                 |       |                 |
| 07361  | BTEX+5 Oxygenates+EDC+EDB   |            |                    |             |                 |       |                 |
| 02016  | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.005              |             | 0.0005          | mg/kg | 1               |
| 02017  | di-Isopropyl ether          | 108-20-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02018  | Ethyl t-butyl ether         | 637-92-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02019  | t-Amyl methyl ether         | 994-05-8   | N.D.               |             | 0.001           | mg/kg | 1               |
| 02020  | t-Butyl alcohol             | 75-65-0    | N.D.               |             | 0.020           | mg/kg | 1               |
| 05460  | Benzene                     | 71-43-2    | 0.0008             |             | 0.0005          | mg/kg | 1               |
| 05461  | 1,2-Dichloroethane          | 107-06-2   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05466  | Toluene                     | 108-88-3   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05471  | 1,2-Dibromoethane           | 106-93-4   | N.D.               |             | 0.001           | mg/kg | 1               |
| 05474  | Ethylbenzene                | 100-41-4   | N.D.               |             | 0.001           | mg/kg | 1               |
| 06301  | Xylene (Total)              | 1330-20-7  | N.D.               |             | 0.001           | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                        |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/09/2004 21:41 | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 11:35 | Anastasia Papadopoulos | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 06:37 | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/07/2004 18:46 | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346082

 B6-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B6  
 Collected: 09/01/2004 14:40 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA6-5

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method<br>Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|---------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                   | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                       |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                       |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.0005                                | mg/kg | 1               |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                                 | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                                 | mg/kg | 1               |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                                 | mg/kg | 1               |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                                 | mg/kg | 1               |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                                | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                                 | mg/kg | 1               |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                                 | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                                 | mg/kg | 1               |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                                 | mg/kg | 1               |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                                 | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst              | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|----------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/08/2004 16:05       | Martha L Seidel      | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 11:58       | Anastasia Papadoplos | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 06:39       | Anastasia Papadoplos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:49       | Eric L Vera          | n.a.            |

Lancaster Laboratories Sample No. SW 4346083

 B6-S-10-040902 NA Soil  
 Facility# 96607 CETR  
 2340 Otis Drive-Alameda T0600100316 B6  
 Collected: 09/02/2004 08:30 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA610

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.002              | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/09/2004 14:11       | Steven A Skiles        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 16:52       | Carrie J Stock         | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 06:40       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:52       | Eric L Vera            | n.a.            |



Lancaster Laboratories Sample No. SW 4346084

 B6-S-16-040902 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B6  
 Collected: 09/02/2004 09:05 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA616

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 0.14               | 0.0005                             | mg/kg | 1.01            |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02019   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1.01            |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1.01            |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1.01            |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1.01            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|------------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                        |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/10/2004 13:04 | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 16:30 | Carrie J Stock         | 1.01            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 06:41 | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/07/2004 18:56 | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346085

 B6-S-20-040902 NA Soil CETR  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B6  
 Collected: 09/02/2004 09:40 by MT Account Number: 10880

 Submitted: 09/04/2004 09:00 ChevronTexaco C/O Cambria  
 Reported: 09/16/2004 at 23:20 4111 Citrus Avenue  
 Discard: 10/17/2004 Suite 9  
 Rocklin CA 95677

OA620

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.24               | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether         | 994-05-8   | 0.001              | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol             | 75-65-0    | 0.14               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst                | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|------------------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/10/2004 13:41       | Martha L Seidel        | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 15:01       | Carrie J Stock         | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 06:42       | Anastasia Papadopoulos | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 18:59       | Eric L Vera            | n.a.            |

Lancaster Laboratories Sample No. SW 4346086

 B7-S-5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B7  
 Collected: 09/01/2004 08:14 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA7-5

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.0005                             | mg/kg | 0.99            |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02019   | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 0.99            |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 0.99            |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 0.99            |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 0.99            |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst         | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|-----------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                 |                 |
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1        | 09/10/2004 14:17 | Martha L Seidel | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/08/2004 15:23 | Carrie J Stock  | 0.99            |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1        | 09/08/2004 10:22 | Carrie J Stock  | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1        | 09/07/2004 19:01 | Eric L Vera     | n.a.            |

Lancaster Laboratories Sample No. SW 4346087

 B7-S-10-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B7  
 Collected: 09/01/2004 08:45 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA710

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils<br>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 0.014              | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol  | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene  | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene  | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene   | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst         | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|-----------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/10/2004 14:54       | Martha L Seidel | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 15:46       | Carrie J Stock  | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 10:23       | Carrie J Stock  | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 19:05       | Eric L Vera     | n.a.            |

Lancaster Laboratories Sample No. SW 4346088

 B7-S-15.5-040901 NA Soil  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B7  
 Collected: 09/01/2004 10:30 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA715

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01725   | TPH-GRO - Soils             | n.a.       | N.D.               | 1.0                                | mg/kg | 25              |
| The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 07361   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02016   | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.052              | 0.0005                             | mg/kg | 1               |
| 02017   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02018   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 02019   | t-Amyl methyl ether         | 994-05-8   | 0.002              | 0.001                              | mg/kg | 1               |
| 02020   | t-Butyl alcohol             | 75-65-0    | N.D.               | 0.020                              | mg/kg | 1               |
| 05460   | Benzene                     | 71-43-2    | N.D.               | 0.0005                             | mg/kg | 1               |
| 05461   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.001                              | mg/kg | 1               |
| 05466   | Toluene                     | 108-88-3   | N.D.               | 0.001                              | mg/kg | 1               |
| 05471   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 05474   | Ethylbenzene                | 100-41-4   | N.D.               | 0.001                              | mg/kg | 1               |
| 06301   | Xylene (Total)              | 1330-20-7  | N.D.               | 0.001                              | mg/kg | 1               |

State of California Lab Certification No. 2116

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst         | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|-----------------|-----------------|
| 01725   | TPH-GRO - Soils           | N. CA LUFT Gasoline method | 1      | 09/10/2004 15:31       | Martha L Seidel | 25              |
| 07361   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/08/2004 16:08       | Carrie J Stock  | 1               |
| 00374   | GC/MS VOA Soil Prep       | SW-846 5030A               | 1      | 09/08/2004 10:24       | Carrie J Stock  | n.a.            |
| 01150   | GC VOA Soil Prep          | SW-846 5035                | 1      | 09/07/2004 19:07       | Eric L Vera     | n.a.            |



Lancaster Laboratories Sample No. **WW 4346090**
**B1-W-11-040902**                      **Grab**                      **Water**  
**Facility# 96607**  
**2340 Otis Drive-Alameda T0600100316 B1 @11' CETR**  
 Collected: 09/02/2004 17:00                      by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:20  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA111

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 300.               | 5.                                 | ug/l  | 10              |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | 28.                | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/09/2004 18:47       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 13:58       | Marc S Neal        | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 14:22       | Marc S Neal        | 10              |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/09/2004 18:47       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 13:58       | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. WW 4346091

 B2-W-8-040901 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B2 *2/8* CETR  
 Collected: 09/01/2004 18:00 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA2-8

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | 1,700.             | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 680.               | 3.                                 | ug/l  | 5               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | 200.               | 3.                                 | ug/l  | 5               |
| 02015   | t-Butyl alcohol   | 75-65-0    | 68.                | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | 160.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | 2.                 | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | 2.                 | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | 0.8                | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/09/2004 19:19       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 22:13       | Marc S Neal        | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/15/2004 16:43       | Anita M Dale       | 5               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/09/2004 19:19       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 22:13       | Marc S Neal        | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 2      | 09/15/2004 16:43       | Anita M Dale       | n.a.            |



Lancaster Laboratories Sample No. **WW 4346092**
**B2-W-11-040902**                      **Grab**                      **Water**  
**Facility# 96607**  
**2340 Otis Drive-Alameda T0600100316 B2**  
 Collected: 09/02/2004 11:35                      by MT

**CETR**

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA211

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received |                 | Units | Dilution Factor |
|---------|---|------------|--------------------|-------------|-----------------|-------|-----------------|
|         |   |            |                    | Method      | Detection Limit |       |                 |
| 01728   | TPH-GRO - Waters  | n.a.       | 69.                |             | 50.             | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |             |                 |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |             |                 |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 260.               |             | 5.              | ug/l  | 10              |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               |             | 0.5             | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               |             | 0.5             | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | 45.                |             | 0.5             | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               |             | 5.              | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               |             | 0.5             | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               |             | 0.5             | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               |             | 0.5             | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               |             | 0.5             | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               |             | 0.5             | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               |             | 0.5             | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|--------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                    |                 |
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1        | 09/09/2004 19:52 | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/14/2004 14:47 | Marc S Neal        | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/14/2004 15:12 | Marc S Neal        | 10              |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1        | 09/09/2004 19:52 | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1        | 09/14/2004 14:47 | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. **WW 4346093**
**B3-W-8-040902**                      **Grab**                      **Water**  
**Facility# 96607**  
**2340 Otis Drive-Alameda T0600100316 B3** *es*                      **CETR**  
 Collected: 09/02/2004 09:15                      by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA3-8

| CAT No.  | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|--|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01728  | TPH-GRO - Waters            | n.a.       | 52.                | 50.                                | ug/l  | 1               |
| The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.  |                             |            |                    |                                    |       |                 |
| 06058  | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010  | Methyl Tertiary Butyl Ether | 1634-04-4  | 16.                | 0.5                                | ug/l  | 1               |
| 02011  | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013  | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014  | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015  | t-Butyl alcohol             | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401  | Benzene                     | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402  | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407  | Toluene                     | 108-88-3   | 0.6                | 0.5                                | ug/l  | 1               |
| 05412  | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415  | Ethylbenzene                | 100-41-4   | 1.                 | 0.5                                | ug/l  | 1               |
| 06310  | Xylene (Total)              | 1330-20-7  | 4.                 | 0.5                                | ug/l  | 1               |
| The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7. |                             |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|--------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                    |                 |
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1        | 09/09/2004 20:25 | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/15/2004 17:08 | Anita M Dale       | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1        | 09/09/2004 20:25 | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1        | 09/15/2004 17:08 | Anita M Dale       | n.a.            |

Lancaster Laboratories Sample No. WW 4346094

 B3-W-11-040902 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B3 *W* CETR  
 Collected: 09/02/2004 16:15 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA311

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 47.                | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | 5.                 | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/09/2004 20:58       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 12:43       | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/09/2004 20:58       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 12:43       | Marc S Neal        | n.a.            |

**Lancaster Laboratories Sample No. WW 4346095**
**B4-W-8-040901**                      **Grab**              **Water**  
**Facility# 96607**  
**2340 Otis Drive-Alameda T0600100316 B4** <sup>8</sup> **CETR**  
 Collected: 09/01/2004 14:00              by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA4-8

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters   | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.  |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether  | 1634-04-4  | N.D.               | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol  | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene  | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene  | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene   | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)   | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |
|         | The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5. |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|--------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                    |                 |
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1        | 09/09/2004 22:36 | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/15/2004 17:33 | Anita M Dale       | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1        | 09/09/2004 22:36 | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1        | 09/15/2004 17:33 | Anita M Dale       | n.a.            |

Lancaster Laboratories Sample No. WW 4346096

 B4-W-11-040901 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B4 <sup>11</sup> CETR  
 Collected: 09/01/2004 17:30 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA411

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters<br>The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 4.                 | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/09/2004 23:08       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 16:26       | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/09/2004 23:08       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 16:26       | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. WW 4346097

 B5-W-8-040901 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B5 - 8' CETR  
 Collected: 09/01/2004 17:17 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA5-8

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | 260.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 23.                | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | 4.                 | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | 15.                | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|--------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                    |                 |
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1        | 09/09/2004 23:41 | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/14/2004 16:51 | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1        | 09/09/2004 23:41 | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1        | 09/14/2004 16:51 | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. WW 4346098

 B5-W-11-040902 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B5-11  
 Collected: 09/02/2004 08:20 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA511

| CAT No.   | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters            | n.a.       | 300.               | 50.                                | ug/l  | 1               |
| The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |                             |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether | 1634-04-4  | 100.               | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether         | 994-05-8   | 4.                 | 0.5                                | ug/l  | 1               |
| 02019   | t-Butyl alcohol             | 75-65-0    | 33.                | 5.                                 | ug/l  | 1               |
| 05401   | Benzene                     | 71-43-2    | 3.                 | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene                     | 108-88-3   | 1.                 | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)              | 1330-20-7  | 0.9                | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/10/2004 00:13       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 17:16       | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/10/2004 00:13       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 17:16       | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. WW 4346099

 B6-W-8-040902 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B6 -8' CETR  
 Collected: 09/02/2004 09:00 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA6-8

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | 380.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 4.                 | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | 37.                | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | 34.                | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | 110.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/10/2004 00:46       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/14/2004 17:41       | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/10/2004 00:46       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/14/2004 17:41       | Marc S Neal        | n.a.            |



Lancaster Laboratories Sample No. WW 4346100

 B6-W-11-040902 Grab Water  
 Facility# 96607 CETR  
 2340 Otis Drive-Alameda T0600100316 B6  
 Collected: 09/02/2004 10:20 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA611

| CAT No.  | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|--|-----------------------------|------------|--------------------|------------------------------------|-------|-----------------|
| 01728  | TPH-GRO - Waters            | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
| The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.  |                             |            |                    |                                    |       |                 |
| 06058  | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010  | Methyl Tertiary Butyl Ether | 1634-04-4  | 180.               | 3.                                 | ug/l  | 5               |
| 02011  | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013  | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014  | t-Amyl methyl ether         | 994-05-8   | 2.                 | 0.5                                | ug/l  | 1               |
| 02015  | t-Butyl alcohol             | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401  | Benzene                     | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402  | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407  | Toluene                     | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412  | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415  | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310  | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |
| The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3. |                             |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/10/2004 01:19       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/13/2004 06:38       | Marc S Neal        | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/13/2004 19:13       | Anita M Dale       | 5               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/10/2004 01:19       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/13/2004 06:38       | Marc S Neal        | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 2      | 09/13/2004 19:13       | Anita M Dale       | n.a.            |

Lancaster Laboratories Sample No. WW 4346101

 B7-W-8-040901 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B7  
 Collected: 09/01/2004 09:20 by MT

CETR

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:21  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA7-8

| CAT No. | Analysis Name  | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|--|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters   | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.  |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB  |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether  | 1634-04-4  | 1.                 | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether   | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether  | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether  | 994-05-8   | N.D.               | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol  | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene  | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane   | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene  | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane  | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene   | 100-41-4   | 1.                 | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)   | 1330-20-7  | 5.                 | 0.5                                | ug/l  | 1               |
|         | The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3. |            |                    |                                    |       |                 |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Analysis |                  | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|----------|------------------|--------------------|-----------------|
|         |                           |                            | Trial#   | Date and Time    |                    |                 |
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1        | 09/10/2004 01:51 | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1        | 09/13/2004 07:03 | Marc S Neal        | 1               |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1        | 09/10/2004 01:51 | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1        | 09/13/2004 07:03 | Marc S Neal        | n.a.            |

Lancaster Laboratories Sample No. WW 4346102

 B7-W-11-040901 Grab Water  
 Facility# 96607  
 2340 Otis Drive-Alameda T0600100316 B7. ✓ CETR  
 Collected: 09/01/2004 11:00 by MT

Account Number: 10880

 Submitted: 09/04/2004 09:00  
 Reported: 09/16/2004 at 23:22  
 Discard: 10/17/2004

 ChevronTexaco C/O Cambria  
 4111 Citrus Avenue  
 Suite 9  
 Rocklin CA 95677

OA711

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters  | n.a.       | 57.                | 50.                                | ug/l  | 1               |
|         | The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. |            |                    |                                    |       |                 |
| 06058   | BTEX+5 Oxygenates+EDC+EDB   |            |                    |                                    |       |                 |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 480.               | 5.                                 | ug/l  | 10              |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-8   | 40.                | 0.5                                | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 5.                                 | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

### Laboratory Chronicle

| CAT No. | Analysis Name             | Method                     | Trial# | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|---------------------------|----------------------------|--------|------------------------|--------------------|-----------------|
| 01728   | TPH-GRO - Waters          | N. CA LUFT Gasoline Method | 1      | 09/10/2004 08:20       | Victoria M Martell | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/13/2004 07:28       | Marc S Neal        | 1               |
| 06058   | BTEX+5 Oxygenates+EDC+EDB | SW-846 8260B               | 1      | 09/13/2004 19:37       | Anita M Dale       | 10              |
| 01146   | GC VOA Water Prep         | SW-846 5030B               | 1      | 09/10/2004 08:20       | Victoria M Martell | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 1      | 09/13/2004 07:28       | Marc S Neal        | n.a.            |
| 01163   | GC/MS VOA Water Prep      | SW-846 5030B               | 2      | 09/13/2004 19:37       | Anita M Dale       | n.a.            |

## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### Laboratory Compliance Quality Control

| <u>Analysis Name</u>                                   | <u>Blank Result</u>                                | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|--|--|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Batch number: 04243A34C<br>TPH-GRO - Soils             | Sample number(s): 4346084-4346088<br>N.D.          | 1.0              | mg/kg               | 89              |                  | 67-119                 |            |                |
| Batch number: 04252A33A<br>TPH-GRO - Soils             | Sample number(s): 4346070-4346075, 4346082<br>N.D. | 1.0              | mg/kg               | 93              |                  | 67-119                 |            |                |
| Batch number: 04252A33B<br>TPH-GRO - Soils             | Sample number(s): 4346076-4346081, 4346083<br>N.D. | 1.0              | mg/kg               | 93              |                  | 67-119                 |            |                |
| Batch number: 04253A07B<br>TPH-GRO - Waters            | Sample number(s): 4346089-4346094<br>N.D.          | 50.              | ug/l                | 99              | 102              | 70-130                 | 2          | 30             |
| Batch number: 04253A07C<br>TPH-GRO - Waters            | Sample number(s): 4346095-4346102<br>N.D.          | 50.              | ug/l                | 99              | 102              | 70-130                 | 2          | 30             |
| Batch number: A042521AA<br>Methyl Tertiary Butyl Ether | Sample number(s): 4346070-4346082<br>N.D.          | 0.5              | ug/kg               | 101             |                  | 75-125                 |            |                |
| di-Isopropyl ether                                     | N.D.   | 1.               | ug/kg               | 108             |                  | 70-129                 |            |                |
| Ethyl t-butyl ether                                    | N.D.   | 1.               | ug/kg               | 99              |                  | 71-124                 |            |                |
| t-Amyl methyl ether                                    | N.D.   | 1.               | ug/kg               | 97              |                  | 63-129                 |            |                |
| t-Butyl alcohol  | N.D.   | 20.              | ug/kg               | 86              |                  | 51-160                 |            |                |
| Benzene  | N.D.   | 0.5              | ug/kg               | 108             |                  | 77-119                 |            |                |
| 1,2-Dichloroethane                                     | N.D.   | 1.               | ug/kg               | 100             |                  | 76-126                 |            |                |
| Toluene  | N.D.   | 1.               | ug/kg               | 104             |                  | 81-116                 |            |                |
| 1,2-Dibromoethane                                      | N.D.   | 1.               | ug/kg               | 99              |                  | 77-114                 |            |                |
| Ethylbenzene   | N.D.   | 1.               | ug/kg               | 102             |                  | 82-115                 |            |                |
| Xylene (Total)   | N.D.   | 1.               | ug/kg               | 101             |                  | 82-117                 |            |                |
| Batch number: A042521AB<br>Methyl Tertiary Butyl Ether | Sample number(s): 4346083-4346088<br>N.D.          | 0.5              | ug/kg               | 101             |                  | 75-125                 |            |                |
| di-Isopropyl ether                                     | N.D.   | 1.               | ug/kg               | 108             |                  | 70-129                 |            |                |
| Ethyl t-butyl ether                                    | N.D.   | 1.               | ug/kg               | 99              |                  | 71-124                 |            |                |
| t-Amyl methyl ether                                    | N.D.   | 1.               | ug/kg               | 97              |                  | 63-129                 |            |                |
| t-Butyl alcohol  | N.D.   | 20.              | ug/kg               | 86              |                  | 51-160                 |            |                |
| Benzene  | N.D.   | 0.5              | ug/kg               | 108             |                  | 77-119                 |            |                |
| 1,2-Dichloroethane                                     | N.D.   | 1.               | ug/kg               | 100             |                  | 76-126                 |            |                |
| Toluene  | N.D.   | 1.               | ug/kg               | 104             |                  | 81-116                 |            |                |
| 1,2-Dibromoethane                                      | N.D.   | 1.               | ug/kg               | 99              |                  | 77-114                 |            |                |
| Ethylbenzene   | N.D.   | 1.               | ug/kg               | 102             |                  | 82-115                 |            |                |
| Xylene (Total)   | N.D.   | 1.               | ug/kg               | 101             |                  | 82-117                 |            |                |
| Batch number: Z042561AA<br>Methyl Tertiary Butyl Ether | Sample number(s): 4346100-4346102<br>N.D.          | 0.5              | ug/l                | 93              |                  | 77-127                 |            |                |
| di-Isopropyl ether                                     | N.D.   | 0.5              | ug/l                | 96              |                  | 67-130                 |            |                |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Laboratory Compliance Quality Control

| <u>Analysis Name</u>  | <u>Blank Result</u> | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|---|---------------------|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Ethyl t-butyl ether   | N.D.                | 0.5              | ug/l                | 94              |                  | 74-120                 |            |                |
| t-Amyl methyl ether   | N.D.                | 0.5              | ug/l                | 100             |                  | 79-113                 |            |                |
| t-Butyl alcohol   | N.D.                | 5.               | ug/l                | 106             |                  | 57-141                 |            |                |
| Benzene   | N.D.                | 0.5              | ug/l                | 96              |                  | 85-117                 |            |                |
| 1,2-Dichloroethane  | N.D.                | 0.5              | ug/l                | 90              |                  | 77-132                 |            |                |
| Toluene   | N.D.                | 0.5              | ug/l                | 98              |                  | 85-115                 |            |                |
| 1,2-Dibromoethane   | N.D.                | 0.5              | ug/l                | 98              |                  | 81-114                 |            |                |
| Ethylbenzene  | N.D.                | 0.5              | ug/l                | 96              |                  | 82-119                 |            |                |
| Xylene (Total)  | N.D.                | 0.5              | ug/l                | 97              |                  | 83-113                 |            |                |
| Batch number: Z042571AA Sample number(s): 4346100,4346102                         |                     |                  |                     |                 |                  |                        |            |                |
| Methyl Tertiary Butyl Ether   | N.D.                | 0.5              | ug/l                | 96              |                  | 77-127                 |            |                |
| Batch number: Z042582AA Sample number(s): 4346089-4346092,4346094,4346096-4346099 |                     |                  |                     |                 |                  |                        |            |                |
| Methyl Tertiary Butyl Ether   | N.D.                | 0.5              | ug/l                | 99              |                  | 77-127                 |            |                |
| di-Isopropyl ether  | N.D.                | 0.5              | ug/l                | 98              |                  | 67-130                 |            |                |
| Ethyl t-butyl ether   | N.D.                | 0.5              | ug/l                | 100             |                  | 74-120                 |            |                |
| t-Amyl methyl ether   | N.D.                | 0.5              | ug/l                | 97              |                  | 79-113                 |            |                |
| t-Butyl alcohol   | N.D.                | 5.               | ug/l                | 100             |                  | 57-141                 |            |                |
| Benzene   | N.D.                | 0.5              | ug/l                | 95              |                  | 85-117                 |            |                |
| 1,2-Dichloroethane  | N.D.                | 0.5              | ug/l                | 97              |                  | 77-132                 |            |                |
| Toluene   | N.D.                | 0.5              | ug/l                | 95              |                  | 85-115                 |            |                |
| 1,2-Dibromoethane   | N.D.                | 0.5              | ug/l                | 95              |                  | 81-114                 |            |                |
| Ethylbenzene  | N.D.                | 0.5              | ug/l                | 95              |                  | 82-119                 |            |                |
| Xylene (Total)  | N.D.                | 0.5              | ug/l                | 93              |                  | 83-113                 |            |                |
| Batch number: Z042591AA Sample number(s): 4346091,4346093,4346095                 |                     |                  |                     |                 |                  |                        |            |                |
| Methyl Tertiary Butyl Ether   | N.D.                | 0.5              | ug/l                | 100             |                  | 77-127                 |            |                |
| di-Isopropyl ether  | N.D.                | 0.5              | ug/l                | 101             |                  | 67-130                 |            |                |
| Ethyl t-butyl ether   | N.D.                | 0.5              | ug/l                | 99              |                  | 74-120                 |            |                |
| t-Amyl methyl ether   | N.D.                | 0.5              | ug/l                | 102             |                  | 79-113                 |            |                |
| t-Butyl alcohol   | N.D.                | 5.               | ug/l                | 100             |                  | 57-141                 |            |                |
| Benzene   | N.D.                | 0.5              | ug/l                | 102             |                  | 85-117                 |            |                |
| 1,2-Dichloroethane  | N.D.                | 0.5              | ug/l                | 103             |                  | 77-132                 |            |                |
| Toluene   | N.D.                | 0.5              | ug/l                | 102             |                  | 85-115                 |            |                |
| 1,2-Dibromoethane   | N.D.                | 0.5              | ug/l                | 98              |                  | 81-114                 |            |                |
| Ethylbenzene  | N.D.                | 0.5              | ug/l                | 102             |                  | 82-119                 |            |                |
| Xylene (Total)  | N.D.                | 0.5              | ug/l                | 98              |                  | 83-113                 |            |                |

### Sample Matrix Quality Control

| <u>Analysis Name</u>  | <u>MS %REC</u> | <u>MSD %REC</u> | <u>MS/MSD Limits</u> | <u>RPD</u> | <u>RPD MAX</u> | <u>BKG Conc</u> | <u>DUP Conc</u> | <u>DUP RPD</u> | <u>Dup RPD Max</u> |
|---|----------------|-----------------|----------------------|------------|----------------|-----------------|-----------------|----------------|--------------------|
| Batch number: 04243A34C Sample number(s): 4346084-4346088         |                |                 |                      |            |                |                 |                 |                |                    |
| TPH-GRO - Soils   | 71             | 74              | 39-118               | 4          | 30             |                 |                 |                |                    |
| Batch number: 04252A33A Sample number(s): 4346070-4346075,4346082 |                |                 |                      |            |                |                 |                 |                |                    |
| TPH-GRO - Soils   | 92             | 89              | 39-118               | 3          | 30             |                 |                 |                |                    |
| Batch number: 04252A33B Sample number(s): 4346076-4346081,4346083 |                |                 |                      |            |                |                 |                 |                |                    |
| TPH-GRO - Soils   | 92             | 89              | 39-118               | 3          | 30             |                 |                 |                |                    |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Sample Matrix Quality Control

| <u>Analysis Name</u>        | <u>MS</u>   | <u>MSD</u>  | <u>MS/MSD</u> | <u>RPD</u> | <u>RPD</u> | <u>BKG</u>  | <u>DUP</u>  | <u>DUP</u> | <u>Dup RPD</u> |
|-----------------------------|---|-------------|---------------|------------|------------|-------------|-------------|------------|----------------|
|                             | <u>%REC</u>   | <u>%REC</u> | <u>Limits</u> | <u>RPD</u> | <u>MAX</u> | <u>Conc</u> | <u>Conc</u> | <u>RPD</u> | <u>Max</u>     |
| Batch number: 04253A07B     | Sample number(s): 4346089-4346094                         |             |               |            |            |             |             |            |                |
| TPH-GRO - Waters            | 109   |             | 63-154        |            |            |             |             |            |                |
| Batch number: 04253A07C     | Sample number(s): 4346095-4346102                         |             |               |            |            |             |             |            |                |
| TPH-GRO - Waters            | 109   |             | 63-154        |            |            |             |             |            |                |
| Batch number: A042521AA     | Sample number(s): 4346070-4346082                         |             |               |            |            |             |             |            |                |
| Methyl Tertiary Butyl Ether | 99  | 97          | 49-140        | 4          | 30         |             |             |            |                |
| di-Isopropyl ether          | 106   | 104         | 55-132        | 3          | 30         |             |             |            |                |
| Ethyl t-butyl ether         | 97  | 97          | 65-123        | 2          | 30         |             |             |            |                |
| t-Amyl methyl ether         | 95  | 94          | 58-126        | 3          | 30         |             |             |            |                |
| t-Butyl alcohol             | 87  | 91          | 46-148        | 4          | 30         |             |             |            |                |
| Benzene                     | 104   | 101         | 58-126        | 4          | 30         |             |             |            |                |
| 1,2-Dichloroethane          | 96  | 94          | 62-130        | 4          | 30         |             |             |            |                |
| Toluene                     | 102   | 99          | 55-125        | 4          | 30         |             |             |            |                |
| 1,2-Dibromoethane           | 94  | 94          | 62-116        | 2          | 30         |             |             |            |                |
| Ethylbenzene                | 99  | 97          | 50-127        | 4          | 30         |             |             |            |                |
| Xylene (Total)              | 97  | 95          | 54-123        | 4          | 30         |             |             |            |                |
| Batch number: A042521AB     | Sample number(s): 4346083-4346088                         |             |               |            |            |             |             |            |                |
| Methyl Tertiary Butyl Ether | 99  | 97          | 49-140        | 4          | 30         |             |             |            |                |
| di-Isopropyl ether          | 106   | 104         | 55-132        | 3          | 30         |             |             |            |                |
| Ethyl t-butyl ether         | 97  | 97          | 65-123        | 2          | 30         |             |             |            |                |
| t-Amyl methyl ether         | 95  | 94          | 58-126        | 3          | 30         |             |             |            |                |
| t-Butyl alcohol             | 87  | 91          | 46-148        | 4          | 30         |             |             |            |                |
| Benzene                     | 104   | 101         | 58-126        | 4          | 30         |             |             |            |                |
| 1,2-Dichloroethane          | 96  | 94          | 62-130        | 4          | 30         |             |             |            |                |
| Toluene                     | 102   | 99          | 55-125        | 4          | 30         |             |             |            |                |
| 1,2-Dibromoethane           | 94  | 94          | 62-116        | 2          | 30         |             |             |            |                |
| Ethylbenzene                | 99  | 97          | 50-127        | 4          | 30         |             |             |            |                |
| Xylene (Total)              | 97  | 95          | 54-123        | 4          | 30         |             |             |            |                |
| Batch number: Z042561AA     | Sample number(s): 4346100-4346102                         |             |               |            |            |             |             |            |                |
| Methyl Tertiary Butyl Ether | 97  | 95          | 69-134        | 2          | 30         |             |             |            |                |
| di-Isopropyl ether          | 99  | 100         | 75-130        | 0          | 30         |             |             |            |                |
| Ethyl t-butyl ether         | 97  | 98          | 78-119        | 0          | 30         |             |             |            |                |
| t-Amyl methyl ether         | 99  | 98          | 77-117        | 1          | 30         |             |             |            |                |
| t-Butyl alcohol             | 102   | 95          | 51-147        | 7          | 30         |             |             |            |                |
| Benzene                     | 103   | 104         | 83-128        | 1          | 30         |             |             |            |                |
| 1,2-Dichloroethane          | 95  | 93          | 73-136        | 2          | 30         |             |             |            |                |
| Toluene                     | 105   | 103         | 83-127        | 2          | 30         |             |             |            |                |
| 1,2-Dibromoethane           | 98  | 99          | 78-120        | 1          | 30         |             |             |            |                |
| Ethylbenzene                | 104   | 102         | 82-129        | 2          | 30         |             |             |            |                |
| Xylene (Total)              | 102   | 101         | 82-130        | 1          | 30         |             |             |            |                |
| Batch number: Z042571AA     | Sample number(s): 4346100,4346102                         |             |               |            |            |             |             |            |                |
| Methyl Tertiary Butyl Ether | 97  | 99          | 69-134        | 2          | 30         |             |             |            |                |
| Batch number: Z042582AA     | Sample number(s): 4346089-4346092,4346094,4346096-4346099 |             |               |            |            |             |             |            |                |
| Methyl Tertiary Butyl Ether | 96  | 102         | 69-134        | 2          | 30         |             |             |            |                |
| di-Isopropyl ether          | 107   | 103         | 75-130        | 3          | 30         |             |             |            |                |
| Ethyl t-butyl ether         | 105   | 103         | 78-119        | 2          | 30         |             |             |            |                |
| t-Amyl methyl ether         | 101   | 101         | 77-117        | 0          | 30         |             |             |            |                |
| t-Butyl alcohol             | 109   | 103         | 51-147        | 6          | 30         |             |             |            |                |
| Benzene                     | 105   | 104         | 83-128        | 1          | 30         |             |             |            |                |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Sample Matrix Quality Control

| <u>Analysis Name</u>        | <u>MS</u><br><u>%REC</u> | <u>MSD</u><br><u>%REC</u>                 | <u>MS/MSD</u><br><u>Limits</u> | <u>RPD</u><br><u>MAX</u> | <u>BKG</u><br><u>Conc</u> | <u>DUP</u><br><u>Conc</u> | <u>DUP</u><br><u>RPD</u> | <u>Dup RPD</u><br><u>Max</u> |
|-----------------------------|--------------------------|---|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|------------------------------|
| 1,2-Dichloroethane          | 108                      | 106                                       | 73-136                         | 3                        | 30                        |                           |                          |                              |
| Toluene                     | 110                      | 107                                       | 83-127                         | 3                        | 30                        |                           |                          |                              |
| 1,2-Dibromoethane           | 101                      | 100                                       | 78-120                         | 0                        | 30                        |                           |                          |                              |
| Ethylbenzene                | 105                      | 102                                       | 82-129                         | 4                        | 30                        |                           |                          |                              |
| Xylene (Total)              | 102                      | 99  | 82-130                         | 4                        | 30                        |                           |                          |                              |
| Batch number: Z042591AA     |                          | Sample number(s): 4346091,4346093,4346095 |                                |                          |                           |                           |                          |                              |
| Methyl Tertiary Butyl Ether | 98                       | 101                                       | 69-134                         | 3                        | 30                        |                           |                          |                              |
| di-Isopropyl ether          | 100                      | 104                                       | 75-130                         | 3                        | 30                        |                           |                          |                              |
| Ethyl t-butyl ether         | 100                      | 102                                       | 78-119                         | 2                        | 30                        |                           |                          |                              |
| t-Amyl methyl ether         | 103                      | 103                                       | 77-117                         | 0                        | 30                        |                           |                          |                              |
| t-Butyl alcohol             | 93                       | 97  | 51-147                         | 5                        | 30                        |                           |                          |                              |
| Benzene                     | 102                      | 105                                       | 83-128                         | 3                        | 30                        |                           |                          |                              |
| 1,2-Dichloroethane          | 108                      | 107                                       | 73-136                         | 1                        | 30                        |                           |                          |                              |
| Toluene                     | 103                      | 102                                       | 83-127                         | 1                        | 30                        |                           |                          |                              |
| 1,2-Dibromoethane           | 98                       | 96  | 78-120                         | 2                        | 30                        |                           |                          |                              |
| Ethylbenzene                | 103                      | 102                                       | 82-129                         | 1                        | 30                        |                           |                          |                              |
| Xylene (Total)              | 99                       | 98  | 82-130                         | 1                        | 30                        |                           |                          |                              |

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Soils  
 Batch number: 04243A34C  
 Trifluorotoluene-F

|         |     |
|---------|-----|
| 4346084 | 82  |
| 4346085 | 80  |
| 4346086 | 84  |
| 4346087 | 87  |
| 4346088 | 83  |
| Blank   | 94  |
| LCS     | 104 |
| MS      | 86  |
| MSD     | 85  |

Limits: 61-122

 Analysis Name: TPH-GRO - Soils  
 Batch number: 04252A33A  
 Trifluorotoluene-F

|         |     |
|---------|-----|
| 4346070 | 82  |
| 4346071 | 78  |
| 4346072 | 80  |
| 4346073 | 86  |
| 4346074 | 80  |
| 4346075 | 75  |
| 4346082 | 84  |
| Blank   | 106 |
| LCS     | 110 |
| MS      | 83  |
| MSD     | 85  |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

Client Name: ChevronTexaco C/O Cambria  
Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Surrogate Quality Control

Limits: 61-122

Analysis Name: TPH-GRO - Soils  
Batch number: 04252A33B  
Trifluorotoluene-F

|         |     |
|---------|-----|
| 4346076 | 79  |
| 4346077 | 81  |
| 4346078 | 83  |
| 4346079 | 79  |
| 4346080 | 80  |
| 4346081 | 89  |
| 4346083 | 81  |
| Blank   | 110 |
| LCS     | 110 |
| MS      | 83  |
| MSD     | 85  |

Limits: 61-122

Analysis Name: TPH-GRO - Waters  
Batch number: 04253A07B  
Trifluorotoluene-F

|         |     |
|---------|-----|
| 4346089 | 101 |
| 4346090 | 106 |
| 4346091 | 118 |
| 4346092 | 101 |
| 4346093 | 102 |
| 4346094 | 102 |
| Blank   | 101 |
| LCS     | 119 |
| LCSD    | 120 |
| MS      | 128 |

Limits: 57-146

Analysis Name: TPH-GRO - Waters  
Batch number: 04253A07C  
Trifluorotoluene-F

|         |     |
|---------|-----|
| 4346095 | 103 |
| 4346096 | 106 |
| 4346097 | 114 |
| 4346098 | 111 |
| 4346099 | 101 |
| 4346100 | 103 |
| 4346101 | 104 |
| 4346102 | 100 |
| Blank   | 101 |
| LCS     | 119 |
| LCSD    | 120 |
| MS      | 128 |

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Surrogate Quality Control

Batch number: A042521AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346070 | 98                   | 96                    | 103        | 90                   |
| 4346071 | 97                   | 94                    | 102        | 91                   |
| 4346072 | 98                   | 96                    | 103        | 91                   |
| 4346073 | 97                   | 97                    | 103        | 90                   |
| 4346074 | 99                   | 95                    | 104        | 90                   |
| 4346075 | 96                   | 88                    | 105        | 90                   |
| 4346076 | 97                   | 95                    | 103        | 91                   |
| 4346077 | 97                   | 96                    | 104        | 91                   |
| 4346078 | 99                   | 98                    | 104        | 90                   |
| 4346079 | 97                   | 97                    | 103        | 91                   |
| 4346080 | 97                   | 98                    | 106        | 93                   |
| 4346081 | 97                   | 98                    | 103        | 93                   |
| 4346082 | 98                   | 96                    | 103        | 91                   |
| Blank   | 99                   | 100                   | 103        | 91                   |
| LCS     | 101                  | 100                   | 103        | 95                   |
| MS      | 100                  | 100                   | 104        | 94                   |
| MSD     | 99                   | 99                    | 104        | 94                   |
| Limits: | 70-129               | 70-121                | 70-130     | 70-128               |

Analysis Name: BTEX+5 Oxygenates+EDC+EDB

Batch number: A042521AB

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346083 | 98                   | 95                    | 105        | 91                   |
| 4346084 | 99                   | 96                    | 103        | 91                   |
| 4346085 | 98                   | 98                    | 102        | 91                   |
| 4346086 | 99                   | 98                    | 103        | 92                   |
| 4346087 | 98                   | 97                    | 105        | 90                   |
| 4346088 | 97                   | 96                    | 104        | 91                   |
| Blank   | 98                   | 97                    | 103        | 92                   |
| LCS     | 101                  | 100                   | 103        | 95                   |
| MS      | 100                  | 100                   | 104        | 94                   |
| MSD     | 99                   | 99                    | 104        | 94                   |
| Limits: | 70-129               | 70-121                | 70-130     | 70-128               |

Analysis Name: BTEX+5 Oxygenates+EDC+EDB

Batch number: Z042561AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346100 | 99                   | 97                    | 99         | 90                   |
| 4346101 | 97                   | 96                    | 97         | 91                   |
| 4346102 | 97                   | 96                    | 96         | 90                   |
| Blank   | 95                   | 90                    | 97         | 89                   |
| LCS     | 93                   | 90                    | 97         | 94                   |
| MS      | 95                   | 92                    | 97         | 93                   |
| MSD     | 95                   | 91                    | 96         | 94                   |
| Limits: | 81-120               | 82-112                | 85-112     | 83-113               |

Analysis Name: 8260 Master Scan (water)

Batch number: Z042571AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346100 | 99                   | 97                    | 99         | 90                   |
| 4346101 | 97                   | 96                    | 97         | 91                   |
| 4346102 | 97                   | 96                    | 96         | 90                   |
| Blank   | 95                   | 90                    | 97         | 89                   |
| LCS     | 93                   | 90                    | 97         | 94                   |
| MS      | 95                   | 92                    | 97         | 93                   |
| MSD     | 95                   | 91                    | 96         | 94                   |
| Limits: | 81-120               | 82-112                | 85-112     | 83-113               |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco C/O Cambria  
 Reported: 09/16/04 at 11:22 PM

Group Number: 910828

### Surrogate Quality Control

|         |        |        |        |        |
|---------|--------|--------|--------|--------|
| Blank   | 96     | 100    | 98     | 92     |
| LCS     | 97     | 97     | 98     | 96     |
| MS      | 95     | 93     | 98     | 95     |
| MSD     | 95     | 93     | 98     | 95     |
| Limits: | 81-120 | 82-112 | 85-112 | 83-113 |

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB  
 Batch number: Z042582AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346089 | 101                  | 103                   | 101        | 96                   |
| 4346090 | 103                  | 105                   | 101        | 96                   |
| 4346091 | 96                   | 95                    | 100        | 94                   |
| 4346092 | 101                  | 105                   | 104        | 97                   |
| 4346094 | 103                  | 104                   | 100        | 97                   |
| 4346096 | 106                  | 109                   | 102        | 97                   |
| 4346097 | 103                  | 106                   | 103        | 101                  |
| 4346098 | 104                  | 112                   | 103        | 101                  |
| 4346099 | 107                  | 111                   | 100        | 102                  |
| Blank   | 99                   | 101                   | 101        | 95                   |
| LCS     | 98                   | 101                   | 100        | 99                   |
| MS      | 102                  | 105                   | 102        | 102                  |
| MSD     | 100                  | 105                   | 102        | 100                  |
| Limits: | 81-120               | 82-112                | 85-112     | 83-113               |

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB  
 Batch number: Z042591AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 4346093 | 97                   | 93                    | 97         | 89                   |
| 4346095 | 96                   | 92                    | 96         | 89                   |
| Blank   | 97                   | 95                    | 98         | 92                   |
| LCS     | 98                   | 99                    | 97         | 95                   |
| MS      | 99                   | 100                   | 98         | 96                   |
| MSD     | 100                  | 100                   | 96         | 95                   |
| Limits: | 81-120               | 82-112                | 85-112     | 83-113               |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

# Chevron California Region Analysis Request/Chain of Custody



040304-02  
(143)

Acct. #: 10880 For Lancaster Laboratories use only  
 Sample #: 42H6070-102 SCR#: 910828

Facility #: Chevron # 9-6607  
 Site Address: 2340 Otis Avenue Alameda, CA  
 Chevron PM: K. Streich Lead Consultant: Cambria  
 Consultant/Office: Cambria/Emeryville  
 Consultant Prj. Mgr.: Bob Foss  
 Consultant Phone #: 510 420 3348 Fax #: 510 420 9170  
 Sampler: M. Terry  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

### Analyses Requested

| Grab | Composite | Total Number of Containers | Preservation Codes                  |                                     |              |     |                  |                    |                                     |            |           |      |  |  |  |
|------|-----------|----------------------------|-------------------------------------|-------------------------------------|--------------|-----|------------------|--------------------|-------------------------------------|------------|-----------|------|--|--|--|
|      |           |                            | BTEX + MTBE 8260                    | 8021                                | TPH 8015 MOD | GRO | TPH 8015 MOD DRO | Silica Gel Cleanup | 8260 full scan                      | Oxygenates | Lead 7420 | 7421 |  |  |  |
|      |           | 1                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |              |     |                  |                    | <input checked="" type="checkbox"/> |            |           |      |  |  |  |

**Preservative Codes**

H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

**8021 MTBE Confirmation**

Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy's on highest hit  
 Run \_\_\_ oxy's on all hits

| Field Point Name | Matrix | Repeat Sample | Top Depth | Year | Month | Day | Time Collected | New Field Pt. |
|------------------|--------|---------------|-----------|------|-------|-----|----------------|---------------|
| B1C5             | Soil   |               |           | 04   | 09    | 02  | 1145           |               |
| B1C10            |        |               |           | 04   | 09    | 02  | 1230           |               |
| B2C5             |        |               |           | 04   | 09    | 01  | 1711           |               |
| B2C10            |        |               |           | 04   | 09    | 01  | 1710           |               |
| B3C5             |        |               |           | 04   | 09    | 01  | 1415           |               |
| B3C10            |        |               |           | 04   | 09    | 02  | 1300           |               |
| B3C16            |        |               |           | 04   | 09    | 02  | 1440           |               |
| B3C20            |        |               |           | 04   | 09    | 02  | 1445           |               |
| B4C5             |        |               |           | 04   | 09    | 01  | 1145           |               |
| B4C10            |        |               |           | 04   | 09    | 01  | 1600           |               |
| B5C5             |        |               |           | 04   | 09    | 01  | 1235           |               |
| B5C10            |        |               |           | 04   | 09    | 01  | 1647           |               |

**Comments / Remarks**

Analyze for:  
 TPH, MTBE,  
 BTEX, DIPE, TBA,  
 TAME, ETBE,  
 1,2-DCA, EDB,  
 lead scavengers

**Turnaround Time Requested (TAT) (please circle)**

STD. TAT      72 hour      48 hour  
 24 hour      4 day      5 day

|   |                        |                      |                                      |                        |                      |
|---|------------------------|----------------------|--------------------------------------|------------------------|----------------------|
| Relinquished by:<br><u>Melina Terry</u>   | Date:<br><u>9.3.04</u> | Time:<br><u>1040</u> | Received by:<br><u>Andrew Arroyo</u> | Date:<br><u>9-3-04</u> | Time:<br><u>1040</u> |
| Relinquished by:<br><u>Bernard Arroyo</u> | Date:<br><u>9/3/04</u> | Time:<br><u>1430</u> | Received by:<br><u>DAL</u>           | Date:<br><u>9/3/04</u> | Time:                |
| Relinquished by:                          | Date:                  | Time:                | Received by:                         | Date:                  | Time:                |

**Data Package Options (please circle if required)**

QC Summary      Type I - Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by Commercial Carrier:  
 UPS      FedEx      Other

Temperature Upon Receipt: 28-48 °C

Received by:  
John Shawe      Date: 9/14/04      Time: 0800

Custody Seals Intact?       Yes       No

# Chevron California Region Analysis Request/Chain of Custody



Acct. #: 10880 For Lancaster Laboratories use only  
 Sample #: 4346070-102

SCR#: \_\_\_\_\_

090304-02  
(2 of 2)

C# 910828

Facility #: Chevron # 9-6607  
 Site Address: 2340 OTIS Ave, Alameda  
 Chevron PM: K. Strick Lead Consultant: Cambridge  
 Consultant/Office: Emeryville  
 Consultant Prj. Mgr.: Bob Foss  
 Consultant Phone #: 510 420 3348 Fax #: 510 420 9170  
 Sampler: M. Terry  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

### Analyses Requested

| Preservation Codes  |  |
|---|--|
| <input type="checkbox"/> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/><br><input type="checkbox"/> TPH 8015 MOD GRO<br><input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup<br><input type="checkbox"/> 8260 full scan<br><input checked="" type="checkbox"/> 7 Oxygenates<br><input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> |  |

**Preservative Codes**

H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>    O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy's on highest hit  
 Run \_\_\_ oxy's on all hits

| Field Point Name | Matrix | Repeat Sample | Top Depth | Year | Month | Day | Time Collected | New Field Pt. | Grab                                | Composite | Total Number of Containers | BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> | TPH 8015 MOD GRO                    | TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup | 8260 full scan | 7 Oxygenates <input checked="" type="checkbox"/> | Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> |
|------------------|--------|---------------|-----------|------|-------|-----|----------------|---------------|-------------------------------------|-----------|----------------------------|--|-------------------------------------|--|----------------|--|--|
| B6C 5'           | Soil   |               |           | 04   | 09    | 01  | 1440           |               |                                     |           | 1                          | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/> |  |                | <input checked="" type="checkbox"/>              |  |
| B6C 10'          |        |               |           | 04   | 09    | 02  | 0830           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B6C 16'          |        |               |           | 04   | 09    | 02  | 0905           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B6C 20'          |        |               |           | 04   | 09    | 02  | 0940           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B7C 5'           |        |               |           | 04   | 09    | 01  | 0814           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B7C 10           |        |               |           | 04   | 09    | 01  | 0845           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B7C 15.5         |        |               |           | 04   | 09    | 01  | 1030           |               |                                     |           | 1                          |  |                                     |  |                |  |  |
| B1C 8            | Water  |               |           | 04   | 09    | 02  | 1630           |               | <input checked="" type="checkbox"/> | 4         | 4                          | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/> |  |                | <input checked="" type="checkbox"/>              |  |
| B1C 11           |        |               |           | 04   | 09    | 02  | 1700           |               |                                     | 6         | 6                          |  |                                     |  |                |  |  |
| B2C 8            |        |               |           | 04   | 09    | 01  | 1800           |               |                                     | 4         | 4                          |  |                                     |  |                |  |  |
| B2C 11           |        |               |           | 04   | 09    | 02  | 1135           |               |                                     | 6         | 6                          |  |                                     |  |                |  |  |

**Comments / Remarks**

Analyze for  
 TPH<sub>g</sub>, MTBE,  
 BTEX, DIPE, TBA,  
 TAME, ETBE,  
 1-2 DCA, EDB,  
 lead scavengers

**Turnaround Time Requested (TAT) (please circle)**

STD. TAT      72 hour      48 hour  
 24 hour      4 day      5 day

**Data Package Options (please circle if required)**

QC Summary      Type I - Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

|  |                                     |                     |                                     |                       |                     |
|--|-------------------------------------|---------------------|-------------------------------------|-----------------------|---------------------|
| Relinquished by:<br><u>Melina Terry</u>                            | Date<br><u>9-3-04</u>               | Time<br><u>1040</u> | Received by:<br><u>Andrew Dwyer</u> | Date<br><u>9-3-04</u> | Time<br><u>1040</u> |
| Relinquished by:<br><u>Bernie Dwyer</u>                            | Date<br><u>9/3/04</u>               | Time<br><u>1430</u> | Received by:<br><u>DHL</u>          | Date<br><u>9/3/04</u> | Time                |
| Relinquished by:   | Date                                | Time                | Received by:                        | Date                  | Time                |
| Relinquished by Commercial Carrier:<br>UPS      FedEx <u>Other</u> | Received by:<br><u>Shurlock</u>     |                     | Date<br><u>9/4/04</u>               | Time<br><u>0900</u>   |                     |
| Temperature Upon Receipt: <u>28-48°C</u>                           | Custody Seals Intact? <u>Yes</u> No |                     |                                     |                       |                     |

# Chevron California Region Analysis Request/Chain of Custody



Acct. #: 10880 For Lancaster Laboratories use only  
 Sample #: 4340070-102

SCR#: \_\_\_\_\_

*04*  
*8904*  
*090304-02*  
*(342)*

Q# 910828

Facility #: Chevron # 9-6607  
 Site Address: 2340 Otis Ave, Alameda, CA  
 Chevron PM: K. Streich Lead Consultant: Cambria  
 Consultant/Office: Cambria/Emeryville  
 Consultant Prj. Mgr.: Bob Foss  
 Consultant Phone #: 510 420 3348 Fax #: 510 420 9170  
 Sampler: M. Terry  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

### Analyses Requested

| Preservation Codes  |   |
|---|---|
| <input type="checkbox"/> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021<br><input type="checkbox"/> TPH 8015 MOD GRO<br><input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup<br><input type="checkbox"/> 8260 full scan<br><input checked="" type="checkbox"/> Oxygenates<br><input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 | Total Number of Containers<br>51<br>6<br>6<br>5<br>5<br>6<br>6<br>6<br>6<br>4 |

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>    O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy's on highest hit  
 Run \_\_\_ oxy's on all hits

| Field Point Name | Matrix | Repeat Sample | Top Depth | Year Month Day | Time Collected | New Field Pt. | Grab | Composite | Total Number of Containers | BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 | TPH 8015 MOD GRO | TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup | 8260 full scan | Oxygenates | Lead 7420 <input type="checkbox"/> 7421 |
|------------------|--------|---------------|-----------|----------------|----------------|---------------|------|-----------|----------------------------|---|------------------|--|----------------|------------|---|
| B3C 8            | Water  |               |           | 04 09 02       | 0915           |               | X    |           | 51                         | X   |                  |  |                | X          | X                                       |
| B3C 11           |        |               |           | 04 09 02       | 1615           |               |      |           | 6                          |   |                  |  |                |            |   |
| B4C 8            |        |               |           | 04 09 01       | 1900           |               |      |           | 6                          |   |                  |  |                |            |   |
| B4C 11           |        |               |           | 04 09 01       | 1730           |               |      |           | 5                          |   |                  |  |                |            |   |
| B5C 8            |        |               |           | 04 09 01       | 1717           |               |      |           | 5                          |   |                  |  |                |            |   |
| B5C 11           |        |               |           | 04 09 02       | 0820           |               |      |           | 5                          |   |                  |  |                |            |   |
| B6C 8            |        |               |           | 04 09 02       | 0900           |               |      |           | 6                          |   |                  |  |                |            |   |
| B6C 11           |        |               |           | 04 09 02       | 1020           |               |      |           | 6                          |   |                  |  |                |            |   |
| B7C 8            |        |               |           | 04 09 01       | 0920           |               |      |           | 6                          |   |                  |  |                |            |   |
| B7C 11           |        |               |           | 04 09 01       | 1100           |               |      |           | 4                          |   |                  |  |                |            |   |

**Comments / Remarks**

analyze for:  
 TPHg, MTBE,  
 BTEX, DIPE, TBA,  
 TAME, ETBE,  
 1-2DCA, ED,  
 lead scavengers

**Turnaround Time Requested (TAT) (please circle)**

STD. TAT      72 hour      48 hour  
 24 hour      4 day      5 day

**Data Package Options (please circle if required)**

QC Summary      Type I - Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

|   |   |                      |                                     |                        |                      |
|---|---|----------------------|-------------------------------------|------------------------|----------------------|
| Relinquished by:<br><u>Melanie Terry</u>  | Date:<br><u>9.03.04</u>   | Time:<br><u>1040</u> | Received by:<br><u>Ancher Amaya</u> | Date:<br><u>9-3-04</u> | Time:<br><u>1040</u> |
| Relinquished by:<br><u>Ancher Amaya</u>   | Date:<br><u>9/3/04</u>  | Time:<br><u>1430</u> | Received by:<br><u>JHL</u>          | Date:<br><u>9/3/04</u> | Time:<br><u>1430</u> |
| Relinquished by:<br>_____   | Date:<br>_____  | Time:<br>_____       | Received by:<br>_____               | Date:<br>_____         | Time:<br>_____       |
| Relinquished by Commercial Carrier:<br>UPS      FedEx <input checked="" type="checkbox"/> Other | Received by:<br><u>Sherrill Shaw</u>  |                      | Date:<br><u>9/4/04</u>              | Time:<br><u>0900</u>   |                      |
| Temperature Upon Receipt: <u>2-8-4.8°C</u>  | Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                      |                                     |                        |                      |

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

|                         |  |                 |                                  |
|-------------------------|--|-----------------|----------------------------------|
| <b>N.D.</b>             | none detected  | <b>BMQL</b>     | Below Minimum Quantitation Level |
| <b>TNTC</b>             | Too Numerous To Count  | <b>MPN</b>      | Most Probable Number             |
| <b>IU</b>               | International Units  | <b>CP Units</b> | cobalt-chloroplatinate units     |
| <b>umhos/cm</b>         | micromhos/cm   | <b>NTU</b>      | nephelometric turbidity units    |
| <b>C</b>                | degrees Celsius  | <b>F</b>        | degrees Fahrenheit               |
| <b>meq</b>              | milliequivalents   | <b>lb.</b>      | pound(s)                         |
| <b>g</b>                | gram(s)  | <b>kg</b>       | kilogram(s)                      |
| <b>ug</b>               | microgram(s)   | <b>mg</b>       | milligram(s)                     |
| <b>ml</b>               | milliliter(s)  | <b>l</b>        | liter(s)                         |
| <b>m3</b>               | cubic meter(s)   | <b>ul</b>       | microliter(s)                    |
| <b>&lt;</b>             | less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.  |                 |                                  |
| <b>&gt;</b>             | greater than   |                 |                                  |
| <b>J</b>                | estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).   |                 |                                  |
| <b>ppm</b>              | parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas. |                 |                                  |
| <b>ppb</b>              | parts per billion  |                 |                                  |
| <b>Dry weight basis</b> | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.   |                 |                                  |

## U.S. EPA CLP Data Qualifiers:

### Organic Qualifiers

|              |   |
|--------------|---|
| <b>A</b>     | TIC is a possible aldol-condensation product                              |
| <b>B</b>     | Analyte was also detected in the blank                                    |
| <b>C</b>     | Pesticide result confirmed by GC/MS                                       |
| <b>D</b>     | Compound quantitated on a diluted sample                                  |
| <b>E</b>     | Concentration exceeds the calibration range of the instrument             |
| <b>N</b>     | Presumptive evidence of a compound (TICs only)                            |
| <b>P</b>     | Concentration difference between primary and confirmation columns $>25\%$ |
| <b>U</b>     | Compound was not detected   |
| <b>X,Y,Z</b> | Defined in case narrative   |

### Inorganic Qualifiers

|          |   |
|----------|---|
| <b>B</b> | Value is $<$ CRDL, but $\geq$ IDL                       |
| <b>E</b> | Estimated due to interference                           |
| <b>M</b> | Duplicate injection precision not met                   |
| <b>N</b> | Spike sample not within control limits                  |
| <b>S</b> | Method of standard additions (MSA) used for calculation |
| <b>U</b> | Compound was not detected                               |
| <b>W</b> | Post digestion spike out of control limits              |
| <b>*</b> | Duplicate analysis not within control limits            |
| <b>+</b> | Correlation coefficient for MSA $<0.995$                |

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

**WARRANTY AND LIMITS OF LIABILITY** - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

**ATTACHMENT D**

Groundwater Monitoring and Sampling Report – Third Quarter 2004



# GETTLER - RYAN INC.

September 14, 2004  
G-R Job #386502

Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: Third Quarter Event of August 13, 2004**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-6607  
2340 Otis Drive  
Alameda, California

Dear Ms. Streich:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

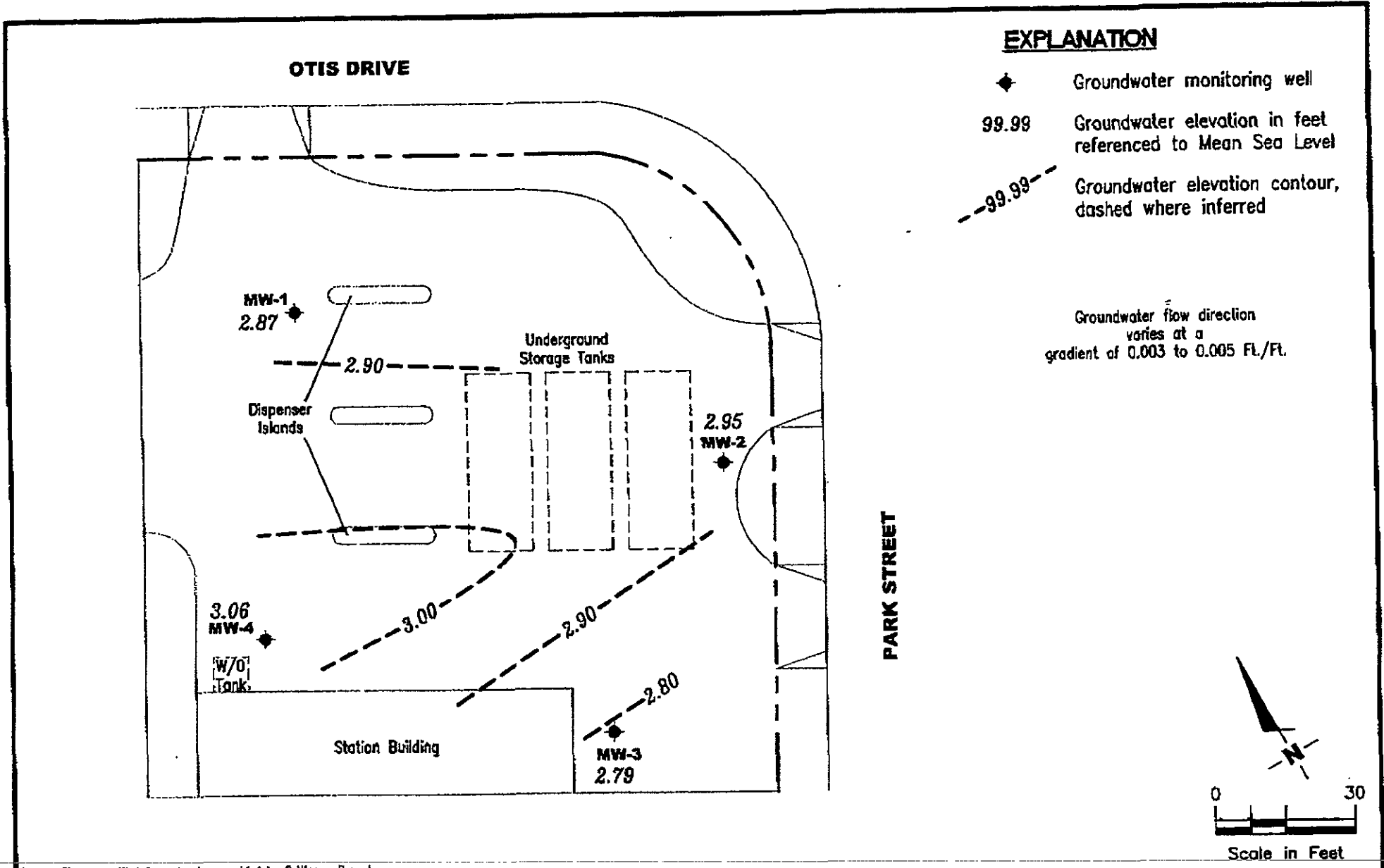
Deanna L. Harding  
Project Coordinator

Hagop Kevork  
P.E. No. C55734



Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports





Source: Figure modified from drawing provided by Gettler - Ryan Inc.

**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

FIGURE 1

PROJECT NUMBER  
386502

REVIEWED BY

DATE  
August 13, 2004

REVISED DATE

**Table I**  
**Groundwater Monitoring Data and Analytical Results**  
**Chevron Service Station #9-6607**  
**2340 Otis Drive**  
**Alameda, California**

| WELL ID/<br>DATE      | TOC <sup>a</sup><br>(%) | DTW<br>(ft.) | GWE<br>(mil) | TPH-D<br>(ppb) | TPH-G<br>(ppb)   | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)            | TOG<br>(ppb) |
|-----------------------|-------------------------|--------------|--------------|----------------|------------------|------------|------------|------------|------------|--------------------------|--------------|
| MW-1                  |                         |              |              |                |                  |            |            |            |            |                          |              |
| 08/21/91              | 7.12                    | 6.10         | 1.02         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 01/09/92              | 7.12                    | 3.96         | 3.16         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | <5,000       |
| 04/20/92              | 7.12                    | 3.90         | 3.22         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 07/25/92              | 7.12                    | 4.18         | 2.94         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 11/24/92              | 7.12                    | 4.72         | 2.40         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 01/21/93              | 7.12                    | 3.18         | 3.94         | --             | <50              | <0.5       | 0.7        | <0.5       | 1.0        | --                       | --           |
| 04/13/93              | 7.12                    | 3.70         | 3.42         | --             | <50              | <0.5       | <0.5       | <0.5       | 1.0        | --                       | --           |
| 07/14/93              | 7.12                    | 4.21         | 2.91         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 10/26/93              | 7.12                    | 4.28         | 2.84         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 01/11/94              | 7.12                    | 4.16         | 2.96         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 03/31/94              | 7.12                    | 3.88         | 3.24         | --             | <50              | <0.5       | 0.6        | <0.5       | 0.7        | --                       | --           |
| 07/14/94              | 7.12                    | 3.00         | 4.12         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | --                       | --           |
| 10/12/94 <sup>1</sup> | 7.12                    | 4.25         | 2.87         | --             | 80               | <0.5       | <0.5       | <0.5       | <0.5       | 121                      | --           |
| 01/11/95              | 7.12                    | 3.12         | 4.00         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 130                      | --           |
| 04/05/95 <sup>3</sup> | 7.12                    | 3.46         | 3.66         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 170                      | --           |
| 07/13/95              | 7.12                    | 3.99         | 3.13         | --             | <125             | <1.2       | <1.2       | <1.2       | <1.2       | 400                      | --           |
| 10/05/95              | 7.12                    | 4.38         | 2.74         | --             | <50              | <0.5       | 2.3        | 0.66       | 4.0        | 300                      | --           |
| 10/03/96              | 7.12                    | 4.44         | 2.68         | --             | <50              | 0.63       | <0.5       | <0.5       | <0.5       | 560                      | --           |
| 01/22/97              | 7.12                    | 3.39         | 3.73         | --             | <200             | <2.0       | <2.0       | <2.0       | <2.0       | 530/880 <sup>5</sup>     | --           |
| 04/09/97 <sup>6</sup> | 6.92                    | 3.70         | 3.22         | --             | <125             | <1.2       | <1.2       | <1.2       | <1.2       | 610                      | --           |
| 07/09/97              | 6.92                    | 3.87         | 3.05         | --             | 240              | 47         | <2.0       | <2.0       | <2.0       | 990                      | --           |
| 10/16/97              | 6.92                    | 3.97         | 2.95         | --             | 250              | <2.0       | <2.0       | <2.0       | <2.0       | 1,000                    | --           |
| 01/08/98              | 6.92                    | 3.45         | 3.47         | --             | <200             | <2.0       | <2.0       | <2.0       | <2.0       | -- <sup>8</sup>          | --           |
| 04/24/98              | 6.92                    | 3.61         | 3.31         | --             | 170              | 20         | <0.5       | <0.5       | <0.5       | 1,700                    | --           |
| 07/15/98              | 6.92                    | 3.85         | 3.07         | --             | 160              | 58         | 1.1        | <0.5       | 0.59       | 1,500/1,600 <sup>5</sup> | --           |
| 10/27/98              | 6.92                    | 4.12         | 2.80         | --             | 140              | <0.5       | <0.5       | <0.5       | <0.5       | 1,200                    | --           |
| 01/20/99              | 6.92                    | 4.48         | 2.44         | --             | <250             | <2.5       | <2.5       | <2.5       | <2.5       | 1,330                    | --           |
| 04/19/99              | 6.92                    | 2.71         | 4.21         | --             | 150              | 73         | <0.5       | <0.5       | <0.5       | 620                      | --           |
| 07/29/99              | 6.92                    | 3.97         | 2.95         | --             | 142              | <0.5       | 0.82       | <0.5       | 2.08       | 824                      | --           |
| 10/25/99              | 6.92                    | 4.06         | 2.86         | --             | <200             | <2.0       | <2.0       | <2.0       | <2.0       | 972                      | --           |
| 01/24/00              | 6.92                    | 2.89         | 4.03         | --             | 143              | <0.5       | <0.5       | <0.5       | <0.5       | 1,170                    | --           |
| 04/03/00              | 6.92                    | 3.60         | 3.32         | --             | 130 <sup>9</sup> | 22         | <0.50      | <0.50      | <0.50      | 550                      | --           |
| 07/03/00              | 6.92                    | 4.06         | 2.86         | --             | 180 <sup>9</sup> | 12         | <1.0       | <1.0       | <1.0       | 850                      | --           |

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P.05/24

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID/<br>DATE       | TOC*<br>(%) | DTW<br>(ft.) | GWE<br>(msl) | TPH-D<br>(ppb) | TPH-G<br>(ppb)    | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)             | TOG<br>(ppb) |
|------------------------|-------------|--------------|--------------|----------------|-------------------|------------|------------|------------|------------|---------------------------|--------------|
| <b>MW-1 (cont)</b>     |             |              |              |                |                   |            |            |            |            |                           |              |
| 10/02/00 <sup>11</sup> | 6.92        | 4.03         | 2.89         | --             | 120 <sup>10</sup> | <0.50      | <0.50      | <0.50      | <0.50      | 520                       | --           |
| 01/09/01               | 6.92        | 4.07         | 2.85         | --             | <250              | <2.5       | <2.5       | <2.5       | <2.5       | 510                       | --           |
| 04/09/01               | 6.92        | 3.57         | 3.35         | --             | 120               | <0.500     | <2.00      | <0.500     | <2.00      | 683                       | --           |
| 08/23/01               | 6.92        | 3.90         | 3.02         | --             | <50               | <0.50      | <0.50      | <0.50      | <0.50      | 350                       | --           |
| 11/27/01               | 6.92        | 3.90         | 3.02         | --             | 270               | <0.50      | <0.50      | <0.50      | <1.5       | 280                       | --           |
| 02/26/02               | 6.92        | 3.51         | 3.41         | --             | 820               | <0.50      | <0.50      | <0.50      | <1.5       | 1,600                     | --           |
| 05/22/02               | 6.92        | 3.78         | 3.14         | --             | 350               | <0.50      | <0.50      | <0.50      | <1.5       | 1,100/1,000 <sup>12</sup> | --           |
| 08/15/02               | 6.92        | 4.01         | 2.91         | --             | 460               | <0.50      | <0.50      | <0.50      | <1.5       | 820/850 <sup>12</sup>     | --           |
| 11/14/02               | 6.92        | 3.91         | 3.01         | --             | 100               | <0.50      | <0.50      | <0.50      | <1.5       | 310/290 <sup>12</sup>     | --           |
| 02/03/03               | 6.92        | 3.71         | 3.21         | --             | 300               | <0.50      | <0.50      | <0.50      | <1.5       | 650/780 <sup>12</sup>     | --           |
| 05/09/03               | 6.92        | 3.95         | 2.97         | --             | 330               | <0.5       | <0.5       | <0.5       | <1.5       | 810/740 <sup>12</sup>     | --           |
| 08/15/03 <sup>11</sup> | 6.92        | 4.02         | 2.90         | --             | 51                | <0.5       | <0.5       | <0.5       | <0.5       | 110                       | --           |
| 11/14/03 <sup>13</sup> | 6.92        | 4.08         | 2.84         | --             | <50               | <0.5       | <0.5       | <0.5       | <0.5       | 11                        | --           |
| 02/13/04 <sup>12</sup> | 6.92        | 3.59         | 3.33         | --             | 170               | <0.5       | <0.5       | <0.5       | <0.5       | 410                       | --           |
| 05/14/04 <sup>13</sup> | 6.92        | 4.09         | 2.83         | --             | 83                | 2          | <0.5       | <0.5       | <0.5       | 250                       | --           |
| 08/13/04 <sup>13</sup> | 6.92        | 4.05         | 2.87         | --             | <50               | <0.5       | <0.5       | <0.5       | <0.5       | 78                        | --           |
| <b>MW-2</b>            |             |              |              |                |                   |            |            |            |            |                           |              |
| 08/21/91               | 7.43        | 6.40         | 1.03         | --             | 430               | 170        | 0.9        | 1.0        | 3.6        | --                        | --           |
| 01/09/92               | 7.43        | 4.23         | 3.20         | --             | 58                | 16         | <0.5       | <0.5       | <0.5       | --                        | <5,000       |
| 04/20/92               | 7.43        | 4.17         | 3.26         | --             | 180               | 9.6        | <0.5       | 0.8        | <0.5       | --                        | --           |
| 07/25/92               | 7.43        | 4.47         | 2.96         | --             | 220               | 8.0        | 0.7        | 4.0        | 8.6        | --                        | --           |
| 11/24/92               | 7.43        | 5.82         | 1.61         | --             | 72                | 3.2        | <0.5       | 0.5        | 0.6        | --                        | --           |
| 01/21/93               | 7.43        | 3.35         | 4.08         | --             | <50               | 0.8        | <0.5       | <0.5       | <0.5       | --                        | --           |
| 04/13/93               | 7.43        | 4.02         | 3.41         | --             | 78                | <0.5       | <0.5       | <0.5       | 0.6        | --                        | --           |
| 07/14/93               | 7.43        | 4.49         | 2.94         | --             | <50               | <0.5       | <0.5       | <0.5       | <0.5       | --                        | --           |
| 10/26/93               | 7.43        | 4.56         | 2.87         | --             | <50               | <0.5       | 0.9        | <0.5       | 0.6        | --                        | --           |
| 01/11/94               | 7.43        | 4.39         | 3.04         | --             | <50               | <0.5       | 1.0        | <0.5       | <0.5       | --                        | --           |
| 03/31/94               | 7.43        | 4.18         | 3.25         | --             | <50               | 0.5        | <0.5       | <0.5       | 0.8        | --                        | --           |
| 07/14/94               | 7.43        | 4.90         | 2.53         | --             | <50               | <0.5       | <0.5       | <0.5       | 0.6        | --                        | --           |
| 10/12/94 <sup>2</sup>  | 7.43        | 4.54         | 2.89         | --             | <50               | <0.5       | <0.5       | <0.5       | <0.5       | 2,900                     | --           |
| 01/11/95               | 7.43        | 3.26         | 4.17         | --             | <50               | <0.5       | <0.5       | <0.5       | <0.5       | 2,500                     | --           |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID/<br>DATE       | TOC*<br>(%) | DTW<br>(ft.) | GWE<br>(msl) | TPH-D<br>(ppb) | TPH-G<br>(ppb)   | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)            | TOG<br>(ppb) |
|------------------------|-------------|--------------|--------------|----------------|------------------|------------|------------|------------|------------|--------------------------|--------------|
| MW-2 (cont)            |             |              |              |                |                  |            |            |            |            |                          |              |
| 04/05/95 <sup>1</sup>  | 7.43        | 3.65         | 3.78         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | <2.0                     | --           |
| 07/13/95               | 7.43        | 4.31         | 3.12         | --             | <250             | <2.5       | <2.5       | <2.5       | <2.5       | 1,100                    | --           |
| 10/05/95               | 7.43        | 4.68         | 2.75         | --             | <50              | <0.5       | 1.9        | 0.54       | 3.4        | 280                      | --           |
| 10/03/96               | 7.43        | 4.80         | 2.63         | --             | <500             | <5.0       | <5.0       | <5.0       | <5.0       | 1,000                    | --           |
| 01/22/97               | 7.43        | 3.36         | 4.07         | --             | 540 <sup>7</sup> | <5.0       | <5.0       | <5.0       | <5.0       | 1,300/1,600 <sup>3</sup> | --           |
| 04/09/97               | 7.43        | 4.25         | 3.18         | --             | <500             | <5.0       | <5.0       | <5.0       | <5.0       | 970                      | --           |
| 07/09/97               | 7.43        | 4.48         | 2.95         | --             | <125             | <1.2       | <1.2       | <1.2       | <1.2       | 710                      | --           |
| 10/16/97               | 7.43        | 4.44         | 2.99         | --             | <100             | <1.0       | <1.0       | <1.0       | <1.0       | 1,000                    | --           |
| 01/08/98               | 7.43        | 3.79         | 3.64         | --             | 68               | <0.5       | <0.5       | <0.5       | <0.5       | -- <sup>R</sup>          | --           |
| 04/24/98               | 7.43        | 3.95         | 3.48         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 490                      | --           |
| 07/15/98               | 7.43        | 4.30         | 3.13         | --             | 51               | 1.2        | 1.2        | <0.5       | <0.5       | 480                      | --           |
| 10/27/98               | 7.43        | 4.45         | 2.98         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 180                      | --           |
| 01/20/99               | 7.43        | 4.21         | 3.22         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 388                      | --           |
| 04/19/99               | 7.43        | 4.38         | 3.05         | --             | 620              | 13         | 35         | 11         | 78         | 510                      | --           |
| 07/29/99               | 7.43        | 4.49         | 2.94         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 229                      | --           |
| 10/25/99               | 7.43        | 4.55         | 2.88         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 314                      | --           |
| 01/24/00               | 7.43        | 2.82         | 4.61         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 236                      | --           |
| 04/03/00               | 7.43        | 4.05         | 3.18         | --             | <50              | <0.50      | <0.50      | <0.50      | <0.50      | 420                      | --           |
| 07/03/00               | 7.43        | 4.52         | 2.91         | --             | 140 <sup>9</sup> | <0.50      | <0.50      | <0.50      | 0.88       | 1,300                    | --           |
| 10/02/00               | 7.43        | 4.55         | 2.88         | --             | <1,000           | <10        | <10        | <10        | <10        | 1,300                    | --           |
| 01/09/01               | 7.43        | 4.45         | 2.98         | --             | <1,000           | <10        | <10        | <10        | <10        | 1,100                    | --           |
| 04/09/01               | 7.43        | 3.96         | 3.47         | --             | 214              | <0.500     | <2.00      | 0.512      | <2.00      | 1,770                    | --           |
| 08/23/01               | 7.43        | 4.38         | 3.05         | --             | 130              | 24         | <0.50      | <0.50      | <0.50      | 440                      | --           |
| 11/27/01               | 7.43        | 4.25         | 3.18         | --             | 650              | <0.50      | <0.50      | <0.50      | <1.5       | 770                      | --           |
| 02/26/02               | 7.43        | 3.98         | 3.45         | --             | 160              | <0.50      | <0.50      | <0.50      | <1.5       | 470                      | --           |
| 05/22/02               | 7.43        | 4.23         | 3.20         | --             | 86               | <0.50      | <0.50      | <0.50      | <1.5       | 320/300 <sup>12</sup>    | --           |
| 08/15/02               | 7.43        | 4.52         | 2.91         | --             | 66               | <0.50      | <0.50      | <0.50      | <1.5       | 260/290 <sup>12</sup>    | --           |
| 11/14/02               | 7.43        | 4.29         | 3.14         | --             | <50              | <0.50      | <0.50      | <0.50      | <1.5       | 120/120 <sup>22</sup>    | --           |
| 02/03/03               | 7.43        | 4.10         | 3.33         | --             | 80               | <0.50      | <0.50      | <0.50      | <1.5       | 190/200 <sup>12</sup>    | --           |
| 05/09/03               | 7.43        | 4.18         | 3.25         | --             | 94               | <0.5       | <0.5       | <0.5       | <1.5       | 190/150 <sup>12</sup>    | --           |
| 08/15/03 <sup>13</sup> | 7.43        | 4.45         | 2.98         | --             | 240              | <1         | <1         | <1         | <1         | 740                      | --           |
| 11/14/03 <sup>13</sup> | 7.43        | 4.51         | 2.92         | --             | <50              | <0.5       | <0.5       | <0.5       | <0.5       | 9                        | --           |

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P.07/24

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID/<br>DATE       | TOC*<br>(%) | DTW<br>(ft) | GWE<br>(mil) | TPH-D<br>(ppb)   | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | P<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb) | TOG<br>(ppb) |
|------------------------|-------------|-------------|--------------|------------------|----------------|------------|------------|------------|------------|---------------|--------------|
| <b>MW-2 (cont)</b>     |             |             |              |                  |                |            |            |            |            |               |              |
| 02/13/04 <sup>23</sup> | 7.43        | 4.05        | 3.38         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 29            | --           |
| 05/14/04 <sup>13</sup> | 7.43        | 4.51        | 2.92         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 14            | --           |
| 08/13/04 <sup>13</sup> | 7.43        | 4.48        | 2.95         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |
| <b>MW-3</b>            |             |             |              |                  |                |            |            |            |            |               |              |
| 08/21/91               | 8.07        | 7.10        | 0.97         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 01/09/92               | 8.07        | 5.03        | 3.04         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | <5.000       |
| 04/20/92               | 8.07        | 4.91        | 3.16         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 07/25/92               | 8.07        | 5.34        | 2.73         | --               | <50            | 1.0        | 1.0        | 1.0        | 3.4        | --            | --           |
| 11/24/92               | 8.07        | 5.00        | 3.07         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 01/21/93               | 8.07        | 4.34        | 3.73         | --               | <50            | <0.5       | 0.5        | <0.5       | 1.0        | --            | --           |
| 04/13/93               | 8.07        | 4.84        | 3.23         | --               | <50            | <0.5       | <0.5       | <0.5       | 0.6        | --            | --           |
| 07/14/93               | 8.07        | 5.29        | 2.78         | --               | <50            | <0.5       | <0.5       | <0.5       | 2.0        | --            | --           |
| 10/26/93               | 8.07        | 5.36        | 2.71         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 01/11/94               | 8.07        | 5.22        | 2.85         | --               | <50            | <0.5       | 1.0        | <0.5       | <0.5       | --            | --           |
| 03/31/94               | 8.07        | 4.99        | 3.08         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 07/14/94               | 8.07        | 5.36        | 2.71         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 10/12/94               | 8.07        | 5.02        | 3.05         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 01/11/95               | 8.07        | 4.35        | 3.72         | --               | <50            | <0.5       | <0.5       | <0.5       | 0.7        | <5.0          | --           |
| 04/05/95 <sup>1</sup>  | 8.07        | 2.64        | 5.43         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <5.0          | --           |
| 07/13/95               | 8.07        | 5.13        | 2.94         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 10/05/95               | 8.07        | 5.46        | 2.61         | --               | <50            | <0.5       | 1.2        | <0.5       | <0.5       | --            | --           |
| 10/03/96               | 8.07        | 5.53        | 2.54         | --               | <50            | 0.98       | 1.2        | 0.53       | 2.5        | <2.5          | --           |
| 01/22/97               | 8.07        | 4.62        | 3.45         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 04/09/97 <sup>6</sup>  | 8.00        | 5.05        | 2.95         | SAMPLED ANNUALLY |                |            | --         | --         | --         | --            | --           |
| 07/09/97               | 8.00        | 5.14        | 2.86         | --               | --             | --         | --         | --         | --         | --            | --           |
| 10/16/97               | 8.00        | 5.20        | 2.80         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 01/08/98               | 8.00        | 4.75        | 3.25         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 9.3           | --           |
| 04/24/98               | 8.00        | 4.73        | 3.27         | --               | --             | --         | --         | --         | --         | --            | --           |
| 07/15/98               | 8.00        | 5.07        | 2.93         | --               | --             | --         | --         | --         | --         | --            | --           |
| 10/27/98               | 8.00        | 5.24        | 2.76         | --               | --             | --         | --         | --         | --         | --            | --           |
| 01/20/99               | 8.00        | 5.18        | 2.82         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 42.2          | --           |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-6607  
2340 Otis Drive  
Alameda, California

| WELL ID/<br>DATE       | TOC <sup>a</sup><br>(%) | DTW<br>(ft) | GWE<br>(m) | TPH-D<br>(ppb)   | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)         | TOG<br>(ppb) |
|------------------------|-------------------------|-------------|------------|------------------|----------------|------------|------------|------------|------------|-----------------------|--------------|
| <b>MW-3 (cont)</b>     |                         |             |            |                  |                |            |            |            |            |                       |              |
| 04/19/99               | 8.00                    | 4.26        | 3.74       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 07/29/99               | 8.00                    | 5.18        | 2.82       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 10/25/99               | 8.00                    | 5.27        | 2.73       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 01/24/00               | 8.00                    | 4.22        | 3.78       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 71.1                  | --           |
| 04/03/00               | 8.00                    | 4.90        | 3.10       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 07/03/00               | NI <sup>b</sup>         | 5.25        | 2.75       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 10/02/00               | 8.00                    | 5.29        | 2.71       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 01/09/01               | 8.00                    | 5.27        | 2.73       | --               | <50            | <0.50      | <0.50      | <0.50      | <0.50      | 120                   | --           |
| 04/09/01               | 8.00                    | 4.81        | 3.19       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 08/23/01               | 8.00                    | 5.24        | 2.76       | --               | --             | --         | --         | --         | --         | --                    | --           |
| 11/27/01               | 8.00                    | 5.14        | 2.86       | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                    | --           |
| 02/26/02               | 8.00                    | 4.78        | 3.22       | --               | <50            | <0.50      | <0.50      | <0.50      | <1.5       | 190                   | --           |
| 05/22/02               | 8.00                    | 5.03        | 2.97       | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                    | --           |
| 08/15/02               | 8.00                    | 5.27        | 2.73       | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                    | --           |
| 11/14/02               | 8.00                    | 5.08        | 2.92       | --               | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5/ <sup>12</sup>   | --           |
| 02/03/03               | 8.00                    | 4.88        | 3.12       | --               | <50            | <0.50      | <0.50      | <0.50      | <1.5       | 82/88 <sup>12</sup>   | --           |
| 05/09/03               | 8.00                    | 5.10        | 2.90       | --               | <50            | <0.5       | <0.5       | <0.5       | <1.5       | 150/100 <sup>12</sup> | --           |
| 08/15/03 <sup>13</sup> | 8.00                    | 5.18        | 2.82       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 190                   | --           |
| 11/14/03 <sup>13</sup> | 8.00                    | 5.23        | 2.77       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 0.6                   | --           |
| 02/13/04 <sup>13</sup> | 8.00                    | 4.86        | 3.14       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 36                    | --           |
| 05/14/04 <sup>13</sup> | 8.00                    | 5.25        | 2.75       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 5                     | --           |
| 08/13/04 <sup>13</sup> | 8.00                    | 5.21        | 2.79       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 2                     | --           |
| <b>MW-4</b>            |                         |             |            |                  |                |            |            |            |            |                       |              |
| 08/21/91               | 7.85                    | 6.85        | 1.00       | --               | <50            | 0.6        | <0.5       | <0.5       | <0.5       | --                    | <5,000       |
| 01/09/92               | 7.85                    | 4.70        | 3.15       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                    | <5,000       |
| 04/20/92               | 7.85                    | 4.64        | 3.21       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                    | <5,000       |
| 07/25/92               | 7.85                    | 4.95        | 2.90       | 78               | <50            | 0.5        | 1.1        | <0.5       | 0.8        | --                    | --           |
| 11/24/92               | 7.85                    | 5.42        | 2.43       | --               | <50            | <0.5       | <0.5       | <0.5       | 1.0        | --                    | <5,000       |
| 01/21/93               | 7.85                    | 4.07        | 3.78       | <10              | <50            | <0.5       | 0.5        | <0.5       | 0.7        | --                    | --           |
| 04/13/93               | 7.85                    | 4.45        | 3.40       | <10              | <50            | <0.5       | <0.5       | <0.5       | 1.0        | --                    | --           |
| 07/14/93               | 7.85                    | 4.90        | 2.95       | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                    | --           |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID/<br>DATE      | TOC*<br>(%) | DTW<br>(ft.) | GWE<br>(msl) | TPH-D<br>(ppb)   | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb) | TOC<br>(ppb) |
|-----------------------|-------------|--------------|--------------|------------------|----------------|------------|------------|------------|------------|---------------|--------------|
| <b>MW-4 (cont)</b>    |             |              |              |                  |                |            |            |            |            |               |              |
| 10/26/93              | 7.85        | 4.95         | 2.90         | --               | <50            | 2.0        | 3.0        | 2.0        | 3.0        | --            | --           |
| 01/11/94              | 7.85        | 4.77         | 3.08         | --               | <50            | <0.5       | 0.5        | <0.5       | <0.5       | --            | --           |
| 03/13/94              | 7.85        | 4.65         | 3.20         | --               | <50            | <0.5       | <0.5       | <0.5       | 1.0        | --            | --           |
| 07/14/94              | 7.85        | 5.05         | 2.80         | --               | <50            | 0.9        | 1.2        | <0.5       | 2.0        | --            | --           |
| 10/12/94              | 7.85        | 4.88         | 2.97         | --               | <50            | <0.5       | 0.9        | <0.5       | 0.7        | --            | --           |
| 01/11/95              | 7.85        | 4.00         | 3.85         | --               | <50            | <0.5       | 0.8        | 0.7        | 1.5        | <5.0          | --           |
| 04/05/95 <sup>4</sup> | 7.85        | 4.22         | 3.63         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.0          | <5,000       |
| 07/13/95              | 7.85        | 4.71         | 3.14         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 10/05/95              | 7.85        | 5.02         | 2.83         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --            | --           |
| 10/03/96              | 7.85        | 5.08         | 2.77         | --               | 100            | 5.5        | 5.6        | 2.5        | 12         | <2.5          | --           |
| 01/22/97              | 7.85        | 4.28         | 3.57         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 04/09/97              | 7.85        | 4.60         | 3.25         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --            | --           |
| 07/09/97              | 7.85        | 4.79         | 3.06         | --               | --             | --         | --         | --         | --         | 2.7           | --           |
| 10/16/97              | 7.85        | 4.81         | 3.04         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 01/08/98              | 7.85        | 4.37         | 3.48         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 04/24/98              | 7.85        | 4.34         | 3.51         | --               | --             | --         | --         | --         | --         | --            | --           |
| 07/15/98              | 7.85        | 4.46         | 3.39         | --               | --             | --         | --         | --         | --         | --            | --           |
| 10/27/98              | 7.85        | 4.52         | 3.33         | --               | --             | --         | --         | --         | --         | --            | --           |
| 01/20/99              | 7.85        | 4.32         | 3.53         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.0          | --           |
| 04/19/99              | 7.85        | 4.07         | 3.78         | --               | --             | --         | --         | --         | --         | --            | --           |
| 04/19/99              | 7.85        | 4.87         | 2.98         | --               | --             | --         | --         | --         | --         | --            | --           |
| 10/25/99              | 7.85        | 4.90         | 2.95         | --               | --             | --         | --         | --         | --         | --            | --           |
| 01/24/00              | 7.85        | 4.32         | 3.53         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 04/03/00              | 7.85        | 4.38         | 3.47         | --               | --             | --         | --         | --         | --         | --            | --           |
| 07/03/00              | NP          | 4.88         | 2.97         | --               | --             | --         | --         | --         | --         | --            | --           |
| 10/02/00              | 7.85        | 4.89         | 2.96         | --               | --             | --         | --         | --         | --         | --            | --           |
| 01/09/01              | 7.85        | 4.93         | 2.92         | --               | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5          | --           |
| 04/09/01              | 7.85        | 4.48         | 3.37         | --               | --             | --         | --         | --         | --         | --            | --           |
| 08/23/01              | 7.85        | 4.85         | 3.00         | --               | --             | --         | --         | --         | --         | --            | --           |
| 11/27/01              | 7.85        | 4.80         | 3.05         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --            | --           |
| 02/26/02              | 7.85        | 4.40         | 3.45         | --               | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 05/22/02              | 7.85        | 4.64         | 3.21         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --            | --           |
| 08/15/02              | 7.85        | 4.91         | 2.94         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --            | --           |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-6607  
2340 Otis Drive  
Alameda, California

| WELL ID/<br>DATE       | TOC*<br>(%) | DTW<br>(ft) | GWE<br>(mcf) | TPH-D<br>(ppb)   | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb)           | TOG<br>(ppb) |
|------------------------|-------------|-------------|--------------|------------------|----------------|------------|------------|------------|------------|-------------------------|--------------|
| <b>MW-4 (cont)</b>     |             |             |              |                  |                |            |            |            |            |                         |              |
| 11/14/02               | 7.85        | 4.73        | 3.12         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                      | --           |
| 02/03/03               | 7.85        | 4.52        | 3.33         | --               | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5/<0.5 <sup>12</sup> | --           |
| 05/09/03               | 7.85        | 4.75        | 3.10         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                      | --           |
| 08/15/03               | 7.85        | 4.82        | 3.03         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                      | --           |
| 11/14/03               | 7.85        | 4.85        | 3.00         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                      | --           |
| 02/13/04 <sup>13</sup> | 7.85        | 4.52        | 3.33         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 4                       | --           |
| 05/14/04               | 7.85        | 4.87        | 2.98         | SAMPLED ANNUALLY |                | --         | --         | --         | --         | --                      | --           |
| 08/13/04 <sup>13</sup> | 7.85        | 4.79        | 3.06         | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | 2                       | --           |
| <b>TRIP BLANK</b>      |             |             |              |                  |                |            |            |            |            |                         |              |
| TR-BL3                 |             |             |              |                  |                |            |            |            |            |                         |              |
| 01/21/93               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 04/13/93               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 07/14/93               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 10/26/93               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 01/11/94               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 03/31/94               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 07/14/94               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 10/12/94               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 01/11/95               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 04/05/95               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 07/13/95               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 10/05/95               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 10/03/96               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | --                      | --           |
| 01/22/97               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 04/09/97               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 07/09/97               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 10/16/97               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 01/08/98               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 04/24/98               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 07/15/98               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |
| 10/27/98               | --          | --          | --           | --               | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5                    | --           |



**Table I**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID/<br>DATE       | TOC*<br>(%) | DTW<br>(ft.) | CWE<br>(mvd) | TPH-D<br>(ppb) | TPH-G<br>(ppb) | B<br>(ppb) | T<br>(ppb) | E<br>(ppb) | X<br>(ppb) | MTBE<br>(ppb) | TOG<br>(ppb) |
|------------------------|-------------|--------------|--------------|----------------|----------------|------------|------------|------------|------------|---------------|--------------|
| TRIP BLANK (cont)      |             |              |              |                |                |            |            |            |            |               |              |
| 01/20/99               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.0          | --           |
| 04/19/99               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 07/29/99               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <5.0          | --           |
| 10/25/99               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <5.0          | --           |
| 01/24/00               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <2.5          | --           |
| 04/03/00               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <5.0          | --           |
| 07/03/00               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5          | --           |
| 10/02/00               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5          | --           |
| 01/09/01               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5          | --           |
| 04/09/01               | --          | --           | --           | --             | <50.0          | <0.500     | <2.00      | <0.500     | <2.00      | <0.500        | --           |
| 08/23/01               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <0.50      | <2.5          | --           |
| QA                     |             |              |              |                |                |            |            |            |            |               |              |
| 11/27/01               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 02/26/02               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 05/22/02               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 08/15/02               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 11/14/02               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 02/03/03               | --          | --           | --           | --             | <50            | <0.50      | <0.50      | <0.50      | <1.5       | <2.5          | --           |
| 05/09/03               | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <1.5       | <2.5          | --           |
| 08/15/03 <sup>13</sup> | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |
| 11/14/03 <sup>13</sup> | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |
| 02/13/04 <sup>13</sup> | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |
| 05/14/04 <sup>13</sup> | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |
| 08/13/04 <sup>13</sup> | --          | --           | --           | --             | <50            | <0.5       | <0.5       | <0.5       | <0.5       | <0.5          | --           |

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P. 12/24

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean sea level

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

NP = No Purge

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevations are relative to msl.

<sup>1</sup> Laboratory report indicates Volatile Organic Compounds (VOCs) were <5.0-<50 ppb.

<sup>2</sup> Laboratory report indicates VOCs were <50-<500 ppb.

<sup>3</sup> Laboratory report indicates Polynuclear Aromatics (PNAs) were <5.0 ppb.

<sup>4</sup> Laboratory report indicates VOCs were <5.0 ppb.

<sup>5</sup> Confirmation of MTBE.

<sup>6</sup> Wellhead elevation altered due to maintenance.

<sup>7</sup> Chromatogram pattern indicates an unidentified hydrocarbon.

<sup>8</sup> No value for MTBE could be determined; see laboratory report.

<sup>9</sup> Laboratory report indicates gasoline C6-C12.

<sup>10</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>11</sup> Laboratory report indicates this sample was analyzed outside the EPA recommended holding time.

<sup>12</sup> MTBE by EPA Method 8260.

<sup>13</sup> BTEX and MTBE by EPA Method 8260.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID | DATE     | ETHANOL<br>(ppb) | TBA<br>(ppb) | MTBE<br>(ppb) | DIFE<br>(ppb) | ETBE<br>(ppb) | TAME<br>(ppb) | 1,2-DCA<br>(ppb) | EDB<br>(ppb) |
|---------|----------|------------------|--------------|---------------|---------------|---------------|---------------|------------------|--------------|
| MW-1    | 05/22/02 | <500             | <100         | 1,000         | <2            | <2            | 410           | <2               | <2           |
|         | 08/15/02 | <500             | <100         | 850           | <2            | <2            | 290           | <2               | <2           |
|         | 11/14/02 | <500             | <100         | 290           | <2            | <2            | 83            | <2               | <2           |
|         | 02/03/03 | <50              | 24           | 780           | <0.5          | <0.5          | 240           | <0.5             | <0.5         |
|         | 05/09/03 | <50              | 44           | 740           | <0.5          | <0.5          | 220           | <0.5             | <0.5         |
|         | 08/15/03 | <50              | 20           | 110           | <0.5          | <0.5          | 10            | <0.5             | <0.5         |
|         | 11/14/03 | <50              | <5           | 11            | <0.5          | <0.5          | 0.8           | <0.5             | <0.5         |
|         | 02/13/04 | <50              | 23           | 410           | <0.5          | <0.5          | 120           | <0.5             | <0.5         |
|         | 05/14/04 | <50              | 9            | 250           | <0.5          | <0.5          | 69            | <0.5             | <0.5         |
|         | 08/13/04 | <50              | <5           | 78            | <0.5          | <0.5          | 17            | <0.5             | <0.5         |
| MW-2    | 05/22/02 | <500             | 130          | 300           | <2            | <2            | 28            | <2               | <2           |
|         | 08/15/02 | <500             | <100         | 290           | <2            | <2            | 23            | <2               | <2           |
|         | 11/14/02 | <500             | <100         | 120           | <2            | <2            | 7             | <2               | <2           |
|         | 02/03/03 | <50              | 55           | 200           | <0.5          | <0.5          | 22            | <0.5             | <0.5         |
|         | 05/09/03 | <50              | 38           | 150           | <0.5          | <0.5          | 15            | <0.5             | <0.5         |
|         | 08/15/03 | <100             | <10          | 740           | <1            | <1            | 200           | <1               | <1           |
|         | 11/14/03 | <50              | <5           | 9             | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
|         | 02/13/04 | <50              | 11           | 29            | <0.5          | <0.5          | 2             | <0.5             | <0.5         |
|         | 05/14/04 | <50              | <5           | 14            | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
|         | 08/13/04 | <50              | <5           | <0.5          | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
| MW-3    | 11/14/02 | <500             | <100         | <2            | <2            | <2            | <2            | <2               | <2           |
|         | 02/03/03 | <50              | <5           | 88            | <0.5          | <0.5          | 1             | <0.5             | <0.5         |
|         | 05/09/03 | <50              | <5           | 100           | <0.5          | <0.5          | 2             | <0.5             | <0.5         |
|         | 08/15/03 | <50              | <5           | 190           | <0.5          | <0.5          | 4             | <0.5             | <0.5         |
|         | 11/14/03 | <50              | <5           | 0.6           | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
|         | 02/13/04 | <50              | <5           | 36            | <0.5          | <0.5          | 0.5           | <0.5             | <0.5         |
|         | 05/14/04 | <50              | <5           | 5             | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
|         | 08/13/04 | <50              | <5           | 2             | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Chevron Service Station #9-6607  
 2340 Otis Drive  
 Alameda, California

| WELL ID | DATE     | ETHANOL<br>(ppb) | TBA<br>(ppb) | MTBE<br>(ppb) | DIPE<br>(ppb) | ETBE<br>(ppb) | TAME<br>(ppb) | 1,2-DCA<br>(ppb) | EDB<br>(ppb) |
|---------|----------|------------------|--------------|---------------|---------------|---------------|---------------|------------------|--------------|
| MW-4    | 02/03/03 | <50              | <5           | <0.5          | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |
|         | 05/09/03 | SAMPLED ANNUALLY |              | --            | --            | --            | --            | --               | --           |
|         | 02/13/04 | <50              | <5           | 4             | <0.5          | <0.5          | 1             | <0.5             | <0.5         |
|         | 08/13/04 | <50              | <5           | 2             | <0.5          | <0.5          | <0.5          | <0.5             | <0.5         |

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P. 15/24

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-6607  
2340 Otis Drive  
Alameda, California

**EXPLANATIONS:**

TBA = Tertiary butyl alcohol  
MTBE = Methyl tertiary butyl ether  
DIPE = Di-isopropyl ether  
ETBE = Ethyl tertiary butyl ether  
TAME = Tertiary amyl methyl ether  
1,2-DCA = 1,2-Dichloroethane  
EDB = 1,2-Dibromoethane  
(ppb) = Parts per billion  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607  
 Site Address: 2340 Otis Drive  
 City: Alameda, CA

Job Number: 386502  
 Event Date: 8-13-04 (inclusive)  
 Sampler: Joc

Well ID: MW-1 Date Monitored: 8-13-04 Well Condition: O.K.

Well Diameter: 4 in.  
 Total Depth: 22.94 ft.  
 Depth to Water: 4.05 ft.  
18.89

|                    |             |           |           |            |
|--------------------|-------------|-----------|-----------|------------|
| Volume Factor (VF) | 3/4" = 0.02 | 1" = 0.04 | 2" = 0.17 | 3" = 0.38  |
|                    | 4" = 0.66   | 5" = 1.02 | 6" = 1.50 | 12" = 5.80 |

$xVF = 0.66 = 12.97 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 37 \text{ gal.}$

Purge Equipment:  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump ✓  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 6 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1255 Weather Conditions: clear  
 Sample Time/Date: 1330 18-13-04 Water Color: clear Odor: none  
 Purging Flow Rate: 3 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (u mhos/cm) | Temperature (C/F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>1308</u>     | <u>12</u>     | <u>7.43</u> | <u>6.13</u>              | <u>71.2</u>       |             |          |
| <u>1313</u>     | <u>25</u>     | <u>7.45</u> | <u>6.12</u>              | <u>69.8</u>       |             |          |
| <u>1320</u>     | <u>37</u>     | <u>7.48</u> | <u>6.09</u>              | <u>70.6</u>       |             |          |
|                 |               |             |                          |                   |             |          |
|                 |               |             |                          |                   |             |          |

### LABORATORY INFORMATION

| SAMPLE ID   | (#) CONTAINER       | REFRIG.    | PRESERV. TYPE | LABORATORY       | ANALYSES   |
|-------------|---------------------|------------|---------------|------------------|--|
| <u>MW-1</u> | <u>6 x vga vial</u> | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/<br/>8 OXYS(8260)</u> |
|             |                     |            |               |                  |  |
|             |                     |            |               |                  |  |
|             |                     |            |               |                  |  |

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607 Job Number: 386502  
 Site Address: 2340 Otis Drive Event Date: 8-13-04 (inclusive)  
 City: Alameda, CA Sampler: Doc

Well ID: MW-3 Date Monitored: 8-13-04 Well Condition: O.K.  
 Well Diameter: 4 in.  
 Total Depth: 23.5 ft.  
 Depth to Water: 5.21 ft.  
18.34 xVF 0.66 = 12.10 x3 case volume = Estimated Purge Volume: 36 gal.

|             |             |           |           |            |
|-------------|-------------|-----------|-----------|------------|
| Volume      | 3/4" = 0.02 | 1" = 0.04 | 2" = 0.17 | 3" = 0.38  |
| Factor (VF) | 4" = 0.66   | 5" = 1.02 | 6" = 1.50 | 12" = 5.80 |

Purge Equipment:  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump ✓  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1057 Weather Conditions: clear  
 Sample Time/Date: 1136 10-13-04 Water Color: clear Odor: none  
 Purging Flow Rate: 2.3 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (u mhos/cm) | Temperature (C/D) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------|-------------------|-------------|----------|
| <u>1108</u>     | <u>12</u>     | <u>7.38</u> | <u>3.50</u>              | <u>69.0</u>       |             |          |
| <u>1113</u>     | <u>29</u>     | <u>7.47</u> | <u>3.58</u>              | <u>70.4</u>       |             |          |
| <u>1121</u>     | <u>36</u>     | <u>7.41</u> | <u>3.64</u>              | <u>71.0</u>       |             |          |

### LABORATORY INFORMATION

| SAMPLE ID   | (#) CONTAINER       | REFRIG.    | PRESERV. TYPE | LABORATORY       | ANALYSES   |
|-------------|---------------------|------------|---------------|------------------|--|
| <u>MW-3</u> | <u>6 x vva vial</u> | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-G(8015)/BTEX+MTBE(8260)/<br/>8 OXYS(8260)</u> |
|             |                     |            |               |                  |  |
|             |                     |            |               |                  |  |

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# Chevron California Region Analysis Request/Chain of Custody



081604-06

Acc. #: 10904

For Lancaster Laboratories use only  
Sample #: 4333210-214

Group# 908302  
SCR#:

Cambria MTI Project # 61D-1970

Facility #: SS19-6607 G-R/386502 Global ID#T0500100316  
 Site Address: 2340 OTIS DRIVE, ALAMEDA, CA  
 Chevron PM/MTI: \_\_\_\_\_ Lead Consultant: CAMBRIA  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94588  
 Consultant Proj. Mgr: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone: 925-551-7555 Fax #: 925-551-7899  
 Sampler: JOE ASEMIAN  
 Service Order #: \_\_\_\_\_  Non SAR:

| Matrix                   |                          | Analysis Requested       |                          |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                          |                          | Preservation Codes       |                          |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
| Soil                     | Water                    | Oil                      | Air                      | Total Number of Containers          |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|                          |                          |                          |                          | BTEX + MTBE                         | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                |                                     |                                     |                                     |                                     |                                     |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Preservative Codes**  
 H = HCl      T = Thiourea  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

**8021 MTBE Confirmation**  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_\_\_ oxy s on highest hit  
 Run \_\_\_\_\_ oxy s on all hits

| Sample Identification | Date Collected | Time Collected | Grab                                | Composite | Soil | Water                               | Oil | Air | Total Number of Containers | BTEX + MTBE                         | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                | 8260                                |
|-----------------------|----------------|----------------|-------------------------------------|-----------|------|-------------------------------------|-----|-----|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <u>QA</u>             |                |                | <input checked="" type="checkbox"/> |           |      |                                     |     |     | <u>2</u>                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <u>MW-1</u>           | <u>8-13-04</u> | <u>1330</u>    | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | <u>6</u>                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <u>MW-2</u>           | <u>"</u>       | <u>1245</u>    | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | <u>6</u>                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <u>MW-3</u>           | <u>"</u>       | <u>1156</u>    | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | <u>6</u>                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <u>MW-4</u>           | <u>11</u>      | <u>1040</u>    | <input checked="" type="checkbox"/> |           |      | <input checked="" type="checkbox"/> |     |     | <u>6</u>                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**  
 STD. TAT: 24 HOUR    72 hour    48 hour  
 4 day                      5 day

**Data Package Options (please circle if required)**  
 QC Summary      Type I — Full  
 Type VI (Raw Data)     Cook Deliverable not needed  
 W/P (RWOCB)                      **EDF/EDD**  
 Disk

|   |  |                   |                                 |                      |                   |
|---|--|-------------------|---------------------------------|----------------------|-------------------|
| Relinquished by: <u>[Signature]</u>   | Date: <u>8-13-04</u>                     | Time: <u>1435</u> | Received by: <u>[Signature]</u> | Date: <u>8/16/04</u> | Time: <u>1400</u> |
| Relinquished by: <u>[Signature]</u>   | Date: <u>8/16/04</u>                     | Time: <u>0835</u> | Received by: <u>[Signature]</u> | Date: <u>8/16/04</u> | Time: <u>0835</u> |
| Relinquished by: <u>[Signature]</u>   | Date: <u>8/17/04</u>                     | Time: <u>1530</u> | Received by: <u>[Signature]</u> | Date: <u>8/17/04</u> | Time: _____       |
| Relinquished by Commercial Center:<br>UPS      FedEx      Other: <u>[Signature]</u> | Temperature Upon Receipt: <u>3, 1, 5</u> |                   | Received by: <u>[Signature]</u> | Date: <u>8/17/04</u> | Time: <u>0835</u> |
| Custody Seals Intact? <u>Yes</u> No   |  |                   |                                 |                      |                   |

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## Analysis Report

2425 New Holland Pk., PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Questions? Contact your Client Services Representative  
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in black ink that reads "Victoria M. Martell".

Victoria M. Martell  
Chemist



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. **WW 4333211**

MW-1-W-040813 **Grab Water**  
 Facility# 96607 Job# 385502 **MTI# 61D-1970 GRD**  
 2340 Otis Dr-Alameda T0600100316 MW-1  
 Collected: 08/13/2004 13:30 by JA

Account Number: 10904

Submitted: 08/18/2004 08:55  
 Reported: 08/24/2004 at 19:02  
 Discard: 09/24/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OTIM1

| CAT No. | Analysis Name   | CAS Number | As Received Result | As Received Method Detection Limit | Units | Dilution Factor |
|---------|---|------------|--------------------|------------------------------------|-------|-----------------|
| 01728   | TPH-GRO - Waters<br>The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. | n.a.       | N.D.               | 50.                                | ug/l  | 1               |
| 01594   | BTEX+5 Oxygenates+EDC+EDB+ETOH  |            |                    |                                    |       |                 |
| 01587   | Ethanol   | 64-17-5    | N.D.               | 50.                                | ug/l  | 1               |
| 02010   | Methyl Tertiary Butyl Ether   | 1634-04-4  | 78.                | 0.5                                | ug/l  | 1               |
| 02011   | di-Isopropyl ether  | 108-20-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02013   | Ethyl t-butyl ether   | 637-92-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 02014   | t-Amyl methyl ether   | 994-05-2   | 17.                | 5.                                 | ug/l  | 1               |
| 02015   | t-Butyl alcohol   | 75-65-0    | N.D.               | 0.5                                | ug/l  | 1               |
| 05401   | Benzene   | 71-43-2    | N.D.               | 0.5                                | ug/l  | 1               |
| 05402   | 1,2-Dichloroethane  | 107-06-2   | N.D.               | 0.5                                | ug/l  | 1               |
| 05407   | Toluene   | 108-88-3   | N.D.               | 0.5                                | ug/l  | 1               |
| 05412   | 1,2-Dibromoethane   | 106-93-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 05415   | Ethylbenzene  | 100-41-4   | N.D.               | 0.5                                | ug/l  | 1               |
| 06310   | Xylene (Total)  | 1330-20-7  | N.D.               | 0.5                                | ug/l  | 1               |

State of California Lab Certification No. 2116

## Laboratory Chronicle

| CAT No. | Analysis Name                  | Method              | Trial# | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|--------------------------------|---------------------|--------|------------------------|------------------|-----------------|
| 01728   | TPH-GRO - Waters               | N. CA LUPT Gasoline | 1      | 08/19/2004 20:55       | Michael F Barrow | 1               |
| 01594   | BTEX-5 Oxygenates+EDC+EDB+ETOH | SW-846 E260F        | 2      | 08/22/2004 22:41       | Marc S Neal      | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030E        | 1      | 08/19/2004 20:55       | Michael F Barrow | n.a.            |
| 01162   | GC/MS VOA Water Prep           | SW-846 5030E        | 1      | 08/22/2004 22:41       | Marc S Neal      | n.a.            |



# Analysis Report

2425 New Holland Pike, PO Box 1242E, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

## Quality Control Summary

Client Name: ChevronTexaco c/o Cambria  
 Reported: 08/24/04 at 07:03 PM

Group Number: 908302

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### Laboratory Compliance Quality Control

| Analysis Name                               | Blank Result                      | Blank MDL | Report Date             | LCS REC | LCSD REC | LCS/LCSD Limits | RPD | RPD Max |
|---|-----------------------------------|-----------|-------------------------|---------|----------|-----------------|-----|---------|
| Batch number: 04232A08B<br>TPH-GRO - Waters | N.D.                              | 50.       | 4333210-4333214<br>ug/l | 108     | 107      | 70-130          | 1   | 30      |
| Batch number: 2042351AA                     | Sample number(s): 4333210         |           |                         |         |          |                 |     |         |
| Methyl Tertiary Butyl Ether                 | N.D.                              | 0.5       | ug/l                    | 93      |          | 77-127          |     |         |
| Benzene                                     | N.D.                              | 0.5       | ug/l                    | 96      |          | 85-117          |     |         |
| Toluene                                     | N.D.                              | 0.5       | ug/l                    | 100     |          | 85-115          |     |         |
| Ethylbenzene                                | N.D.                              | 0.5       | ug/l                    | 102     |          | 82-119          |     |         |
| Xylene (Total)                              | N.D.                              | 0.5       | ug/l                    | 98      |          | 83-113          |     |         |
| Batch number: 2042352AA                     | Sample number(s): 4333211-4333214 |           |                         |         |          |                 |     |         |
| Ethanol                                     | N.D.                              | 50.       | ug/l                    | 103     |          | 46-145          |     |         |
| Methyl Tertiary Butyl Ether                 | N.D.                              | 0.5       | ug/l                    | 95      |          | 77-127          |     |         |
| di-Isopropyl ether                          | N.D.                              | 0.5       | ug/l                    | 96      |          | 67-130          |     |         |
| Ethyl t-butyl ether                         | N.D.                              | 0.5       | ug/l                    | 93      |          | 74-120          |     |         |
| t-Amyl methyl ether                         | N.D.                              | 0.5       | ug/l                    | 87      |          | 79-113          |     |         |
| t-Butyl alcohol                             | N.D.                              | 5.        | ug/l                    | 80      |          | 57-141          |     |         |
| Benzene                                     | N.D.                              | 0.5       | ug/l                    | 91      |          | 85-117          |     |         |
| 1,2-Dichloroethane                          | N.D.                              | 0.5       | ug/l                    | 102     |          | 77-132          |     |         |
| Toluene                                     | N.D.                              | 0.5       | ug/l                    | 89      |          | 85-115          |     |         |
| 1,2-Dibromoethane                           | N.D.                              | 0.5       | ug/l                    | 92      |          | 81-114          |     |         |
| Ethylbenzene                                | N.D.                              | 0.5       | ug/l                    | 91      |          | 82-119          |     |         |
| Xylene (Total)                              | N.D.                              | 0.5       | ug/l                    | 86      |          | 83-113          |     |         |

### Sample Matrix Quality Control

| Analysis Name                               | MS REC                            | MSD REC | MS/MSD Limits | RPD | RPD MAX | BKG CONC | DUP CONC | DUP RPD | Dup RPD Max |
|---|-----------------------------------|---------|---------------|-----|---------|----------|----------|---------|-------------|
| Batch number: 04232A08E<br>TPH-GRO - Waters | 100                               | 100     | 63-154        |     |         |          |          |         |             |
| Batch number: 2042351AA                     | Sample number(s): 4333210         |         |               |     |         |          |          |         |             |
| Methyl Tertiary Butyl Ether                 | 90                                | 92      | 69-134        | 1   | 30      |          |          |         |             |
| Benzene                                     | 100                               | 100     | 83-128        | 0   | 30      |          |          |         |             |
| Toluene                                     | 102                               | 102     | 83-127        | 0   | 30      |          |          |         |             |
| Ethylbenzene                                | 101                               | 102     | 82-129        | 1   | 30      |          |          |         |             |
| Xylene (Total)                              | 97                                | 98      | 82-130        | 1   | 30      |          |          |         |             |
| Batch number: 2042352AA                     | Sample number(s): 4333211-4333214 |         |               |     |         |          |          |         |             |
| Ethanol                                     | 68                                | 87      | 33-153        | 24  | 30      |          |          |         |             |
| Methyl Tertiary Butyl Ether                 | 95                                | 97      | 68-134        | 1   | 30      |          |          |         |             |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



# Analysis Report

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## Quality Control Summary

Client Name: ChevronTexaco c/o Cambria  
 Reported: 08/24/04 at 07:03 PM

Group Number: 908302

### Surrogate Quality Control

| MSD     | 100    | 108    | 100    | 102    |
|---------|--------|--------|--------|--------|
| Limits: | 81-120 | 62-112 | 65-112 | 62-112 |

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.