

Barney Chan  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502

58 OCT 28 PM 4:02

Re: **Dispenser Soil Sampling Report**  
Shell-branded Service Station  
285 Hegenberger Road  
Oakland, California  
WIC #204-5508-5504  
Cambria Project #240-0734-984

#530

Potential Source of  
7/29/98



Dear Mr. Chan:

On behalf of Equilon Enterprises LLC (Equilon), Cambria Environmental Technology, Inc. (Cambria) is submitting this report presenting the results of sampling conducted during station upgrade activities at the site referenced above. Presented below are a description of the site conditions, sampling activities, analytical results, and conclusions.

**SITE CONDITIONS**

The site is located at the intersection of Hegenberger Road and Leet Drive in Oakland, California. The area surrounding the site is commercial.

This Shell-branded service station was recently upgraded by Paradiso Mechanical of San Leandro, California (Paradiso). Paradiso added secondary containment to the existing dispensers and the turbine sumps (Figure 1).

**SAMPLING ACTIVITIES AND SAMPLE ANALYSIS**

Oakland, CA  
Sonoma, CA  
Portland, OR  
Seattle, WA

**Cambria  
Environmental  
Technology, Inc.**

1144 65th Street  
Suite B  
Oakland, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

| <i>Personnel Present</i> | <i>Title</i>   | <i>Company</i> |
|--------------------------|----------------|----------------|
| Michael Paves            | Staff Engineer | Cambria        |
| Chris Franchetti         | Foreman        | Paradiso       |

**Sample Date:** July 29, 1998.

**Sampling Requirements:** Based on Cambria's telephone conversation on July 29, 1998 with Barney Chan of Alameda County Department of Environmental Health, sample collection at dispensers during 1998 Upgrade projects is required.

**Dispenser Sampling:** Chris Franchetti from Paradiso was onsite at the time of Cambria's site visit. Cambria inspected the dispenser and tank pit areas. Soil samples were collected from native soil beneath dispensers Disp-1 and Disp-2 at a depth of approximately 1.5 and 2.5 feet, respectively, into native soil. No samples were collected beneath dispensers Disp-3 and Disp-4, since only rocky fill existed at 3 feet below grade; no native soil was encountered at Disp-3 and Disp-4. Cambria's standard procedures for dispenser and piping sampling are presented as Attachment A.

**Sample Analyses:** Sequoia Analytical of Redwood City, California analyzed the samples for total petroleum hydrocarbons as gasoline (TPHg) by modified EPA Method 8015, and benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl tert-butyl ether (MTBE) by EPA Method 8020. The highest MTBE concentration was confirmed by EPA Method 8260.

## ANALYTICAL RESULTS

The highest hydrocarbon concentration was 790 milligrams per kilogram (mg/kg) TPHg in sample D-1 at 1.5 feet into native soil. The highest benzene concentration was 2.0 mg/kg in sample D-1. Analytical results are summarized in Table 1 and the laboratory report is included as Attachment B.

## CONCLUSIONS

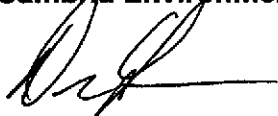
Wells are already installed at this site to monitor hydrocarbon concentrations in ground water. Therefore, no additional investigation of the tank pit or dispenser areas is proposed at this time.

Still need to respond to whether sve system should be restarted

**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments.

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



Diane M. Lundquist, P.E.  
Principal Engineer



Attachments: A - Standard Piping and Dispenser Removal Sampling Procedures  
B - Laboratory Analytical Reports for Soil

cc: Ms. Karen Petryna, Equiva Services LLC, P.O. Box 8080, Martinez, California 94553  
Mr. Tim Hargraves, Equiva Services LLC, P.O. Box 8080, Martinez, CA 94553

G:\OAK285\98 UPGRADES\UPGRADE REPORT.WPD

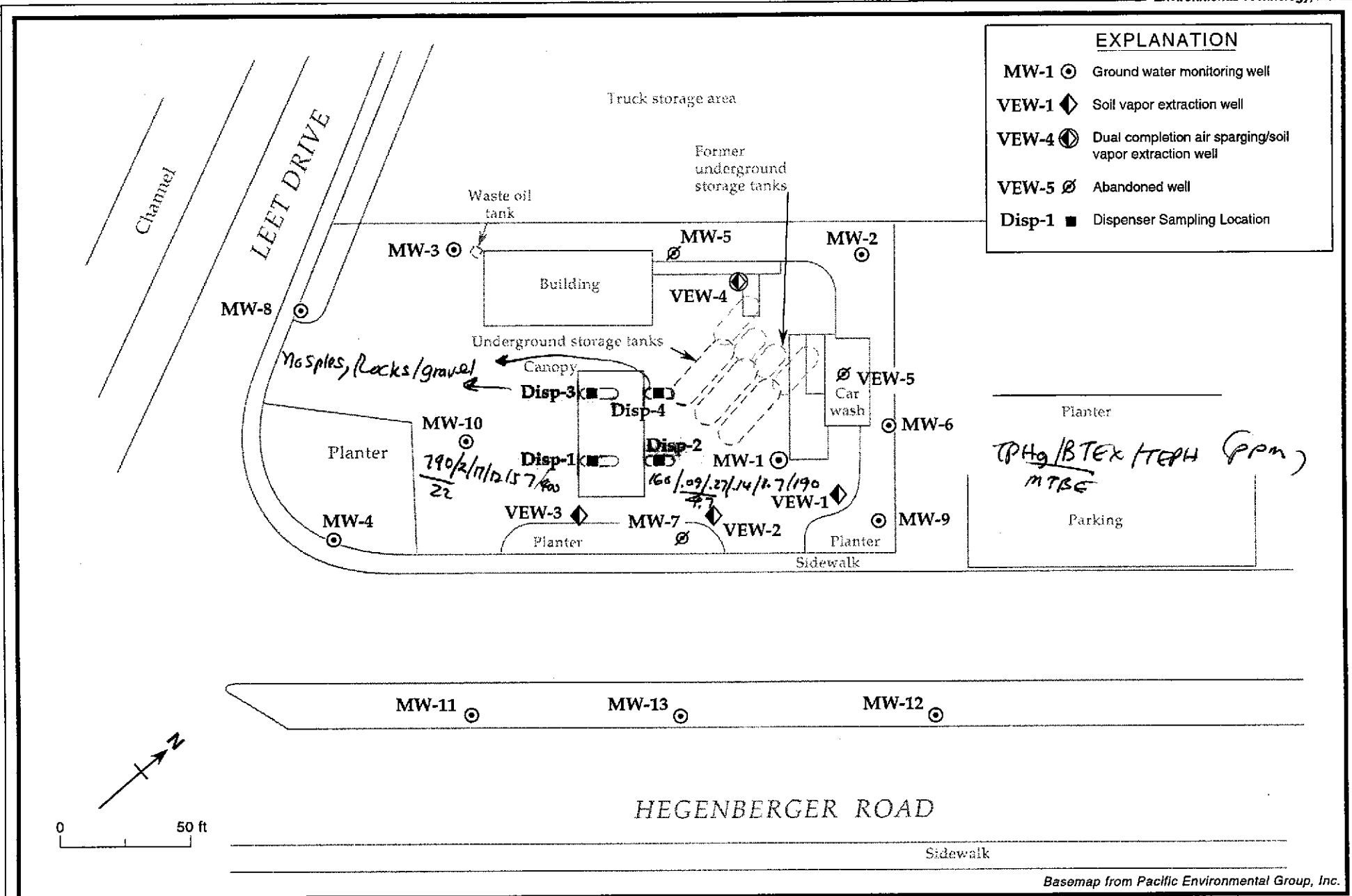


Figure 1. Dispenser Sampling Locations - July 29, 1998 - Shell-branded Service Station WIC #204-5508-5504, 285 Hegenberger Road, Oakland, California

# CAMBRIA

**Table 1. Dispenser Sample Analytical Data - Shell-branded Service Station - WIC #204-5508-5504, 285 Hegenberger Road, Oakland, California**

| Sample ID | Date    | Depth<br>(feet) | TPHg | MTBE     | (Concentrations reported in milligrams per kilogram) |         |              |         |      | TEPH |
|-----------|---------|-----------------|------|----------|--|---------|--------------|---------|------|------|
|           |         |                 |      |          | Benzene  | Toluene | Ethylbenzene | Xylenes | TEPH |      |
| D-1       | 7/30/98 | 1.5             | 790  | 8.5 (22) | 2.0  | 17      | 12           | 57      | 400  |      |
| D-2       | 7/30/98 | 2.0             | 160  | 4.7      | 0.090  | 0.27    | 0.14         | 1.7     | 190  |      |

**Abbreviations and Notes:**

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

MTBE = Methyl tert-butyl ether by EPA Method 8020. Results in parentheses indicate confirmation by EPA Method 8260

TEPH = Total extractable petroleum hydrocarbons as diesel by modified EPA Method 8015

Benzene, ethylbenzene, toluene, and total xylenes by EPA Method 8020

**ATTACHMENT A**

Standard Piping and Dispenser Removal  
Sampling Procedures

# CAMBRIA

## STANDARD PIPING AND DISPENSER REMOVAL SAMPLING PROCEDURES

Cambria Environmental Technology, Inc. (Cambria) has developed standard operating procedures for collecting soil samples during petroleum dispenser and piping removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

### Piping and Dispenser Removal Sampling

The objective of sample collection during routine dispenser and piping removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. We collect one soil sample from the native soil beneath each dispenser unit, at each piping elbow, and at every 20 ft of product piping, as applicable.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

**ATTACHMENT B**

Laboratory Analytical Reports for Soil





# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
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FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Cambria  
1144 65th St. Suite C  
Oakland, CA 94608  
Attention: Michael Paves

Project: Shell 285 Hegenberger

Enclosed are the results from samples received at Sequoia Analytical on July 30, 1998.  
The requested analyses are listed below:

| <u>SAMPLE #</u> | <u>SAMPLE DESCRIPTION</u> | <u>DATE COLLECTED</u> | <u>TEST METHOD</u>      |
|-----------------|---------------------------|-----------------------|-------------------------|
| 9807J63 -01     | SOLID, D-1(1.5)           | 07/30/98              | MTBE by 8260            |
| 9807J63 -01     | SOLID, D-1(1.5)           | 07/30/98              | Purgeable TPH/BTEX/MTBE |
| 9807J63 -01     | SOLID, D-1(1.5)           | 07/30/98              | TPHD_S Extractable TPH  |
| 9807J63 -02     | SOLOD, D-2(2.0)           | 07/30/98              | Purgeable TPH/BTEX/MTBE |
| 9807J63 -02     | SOLOD, D-2(2.0)           | 07/30/98              | TPHD_S Extractable TPH  |

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

**SEQUOIA ANALYTICAL**

  
Peggy Penner  
Project Manager





|   |   |  |
|---|---|--|
| Cambria<br>1144 65th St. Suite C<br>Oakland, CA 94608 | Client Proj. ID: Shell 285 Hegenberger<br>Sample Descript: D-1(1.5)<br>Matrix: SOLID<br>Analysis Method: EPA 8260<br>Lab Number: 9807J63-01 | Sampled: 07/30/98<br>Received: 07/30/98<br>Extracted: 08/13/98<br>Analyzed: 08/14/98<br>Reported: 08/19/98 |
| Attention: Michael Paves                              |   |  |

QC Batch Number: MS081198MTBEEXA  
Instrument ID: H6

**Methyl t-Butyl Ether (MTBE)**

| Analyte               | Detection Limit<br>ug/Kg | Sample Results<br>ug/Kg |
|-----------------------|--------------------------|-------------------------|
| Methyl t-Butyl Ether  | 500                      | 22000                   |
| <b>Surrogates</b>     | <b>Control Limits %</b>  | <b>% Recovery</b>       |
| 1,2-Dichloroethane-d4 | 70                       | 121                     |
|                       |                          | 70                      |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Peggy Penner  
Project Manager





|   |   |  |
|---|---|--|
| Cambria<br>1144 65th St. Suite C<br>Oakland, CA 94608 | Client Proj. ID: Shell 285 Hegenberger<br>Sample Descript: D-1(1.5)<br>Matrix: SOLID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9807J63-01 | Sampled: 07/30/98<br>Received: 07/30/98<br>Extracted: 08/11/98<br>Analyzed: 08/12/98<br>Reported: 08/19/98 |
| Attention: Michael Paves                              |   |  |

QC Batch Number: GC081198BTEXEXA  
Instrument ID: GCHP22

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

| Analyte               | Detection Limit<br>mg/Kg | Sample Results<br>mg/Kg |
|-----------------------|--------------------------|-------------------------|
| TPPH as Gas           | 100                      | 790                     |
| Methyl t-Butyl Ether  | 2.5                      | 8.5                     |
| Benzene               | 0.50                     | 2.0                     |
| Toluene               | 0.50                     | 17                      |
| Ethyl Benzene         | 0.50                     | 12                      |
| Xylenes (Total)       | 0.50                     | 57                      |
| Chromatogram Pattern: |                          | C6-C12                  |
| <b>Surrogates</b>     | <b>Control Limits %</b>  | <b>% Recovery</b>       |
| Trifluorotoluene      | 70                       | 130                     |
| 4-Bromofluorobenzene  | 60                       | 140                     |
|                       |                          | 2 Q                     |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Peggy Penner  
Project Manager





Cambria  
1144 65th St. Suite C  
Oakland, CA 94608

Client Proj. ID: Shell 285 Hegenberger  
Sample Descript: D-1(1.5)  
Matrix: SOLID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9807J63-01

Sampled: 07/30/98  
Received: 07/30/98  
Extracted: 08/03/98  
Analyzed: 08/04/98  
Reported: 08/19/98

QC Batch Number: GC0803980HBPEXA  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>mg/Kg    | Sample Results<br>mg/Kg |
|---|-----------------------------|-------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 10                          | 400<br>C9-C24           |
| <b>Surrogates</b>                       | <b>Control Limits %</b>     | <b>% Recovery</b>       |
| n-Pentacosane (C25)                     | 50                      150 | 117                     |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Cambria  
1144 65th St. Suite C  
Oakland, CA 94608

Attention: Michael Paves

Client Proj. ID: Shell 285 Hegenberger  
Sample Descript: D-2(2.0)  
Matrix: SOLOD  
Analysis Method: 8015Mod/8020  
Lab Number: 9807J63-02

Sampled: 07/30/98  
Received: 07/30/98  
Extracted: 08/11/98  
Analyzed: 08/12/98  
Reported: 08/19/98

QC Batch Number: GC081198BTEXEXA  
Instrument ID: GCHP01

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

| Analyte               | Detection Limit<br>mg/Kg | Sample Results<br>mg/Kg |
|-----------------------|--------------------------|-------------------------|
| TPPH as Gas           | 10                       | 160                     |
| Methyl t-Butyl Ether  | 0.25                     | 4.7                     |
| Benzene               | 0.050                    | 0.090                   |
| Toluene               | 0.050                    | 0.27                    |
| Ethyl Benzene         | 0.050                    | 0.14                    |
| Xylenes (Total)       | 0.050                    | 1.7                     |
| Chromatogram Pattern: |                          | C6-C12                  |
| <b>Surrogates</b>     | <b>Control Limits %</b>  | <b>% Recovery</b>       |
| Trifluorotoluene      | 70                       | 130                     |
| 4-Bromofluorobenzene  | 60                       | 140                     |
|                       |                          | 97                      |
|                       |                          | 20 Q                    |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





|   |   |  |
|---|---|--|
| Cambria<br>1144 65th St. Suite C<br>Oakland, CA 94608 | Client Proj. ID: Shell 285 Hegenberger<br>Sample Descript: D-2(2.0)<br>Matrix: SOLOD<br>Analysis Method: EPA 8015 Mod<br>Lab Number: 9807J63-02 | Sampled: 07/30/98<br>Received: 07/30/98<br>Extracted: 08/03/98<br>Analyzed: 08/04/98<br>Reported: 08/19/98 |
| Attention: Michael Paves                              |   |  |

QC Batch Number: GC0803980HBPEXA  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

| Analyte                                 | Detection Limit<br>mg/Kg | Sample Results<br>mg/Kg |
|---|--------------------------|-------------------------|
| TEPH as Diesel<br>Chromatogram Pattern: | 10                       | 190<br>C9-C24           |
| <b>Surrogates</b>                       | <b>Control Limits %</b>  | <b>% Recovery</b>       |
| n-Pentacosane (C25)                     | 50 150                   | 92                      |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

Peggy Penner  
Project Manager





# Sequoia Analytical

680 Chesapeake Drive  
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FAX (707) 792-0342

Cambria Environmental Tech.  
1144 65th St., Ste. C  
Oakland, CA 94608  
Attention: Micheal Paves

Client Project ID: Shell 285 Hagenberger  
Matrix: Solid

Work Order #: 9807J63 -01

Reported: Aug 24, 1998

## QUALITY CONTROL DATA REPORT

**Analyte:** MTBE

**QC Batch#:** MS081198MTBEEEXA

**Analy. Method:** EPA 8260

**Prep. Method:** NA

**Analyst:** S. Goldstein

**MS/MSD #:** 9807G4502

**Sample Conc.:** 680

**Prepared Date:** 8/11/98

**Analyzed Date:** 8/11/98

**Instrument I.D.#:** F2

**Conc. Spiked:** 2500 µg/Kg

**Result:** 2100

**MS % Recovery:** 57

**Dup. Result:** 2100

**MSD % Recov.:** 57

**RPD:** 0.0

**RPD Limit:** 0-25

**LCS #:** BLK081398

**Prepared Date:** 8/13/98

**Analyzed Date:** 8/13/98

**Instrument I.D.#:** H6

**Conc. Spiked:** 2500 µg/Kg

**LCS Result:** 2100

**LCS % Recov.:** 84

**MS/MSD** 60-140

**LCS** 70-130

**Control Limits**

**SEQUOIA ANALYTICAL**

Peggy Penner  
Project Manager

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9807J63.CCC <1>





# Sequoia Analytical

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FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

|  |   |                                |                        |
|--|---|--------------------------------|------------------------|
| Cambria<br>1144 65th St. Ste. C<br>Oakland, CA 94608<br>Attention: Michael Paves | Client Project ID: Shell 2785 Hagenberger | QC Sample Group: 9807J63-01-02 | Reported: Aug 19, 1998 |
|--|---|--------------------------------|------------------------|

## QUALITY CONTROL DATA REPORT

|                           |
|---------------------------|
| <b>Matrix:</b> Solid      |
| <b>Method:</b> EPA 8015M  |
| <b>Analyst:</b> A. PORTER |
| <b>ANALYTE</b> Diesel     |

QC Batch #: GC0803980HBPEXA

Sample No.: 9807G76-9  
Date Prepared: 7/29/98  
Date Analyzed: 7/30/98  
Instrument I.D.#: GCHP4B

Sample Conc., mg/Kg: N.D.  
Conc. Spiked, mg/Kg: 17

Matrix Spike, mg/Kg: 13  
% Recovery: 76

Matrix  
Spike Duplicate, mg/Kg: 13  
% Recovery: 76

Relative % Difference: 0.0

RPD Control Limits: 0-50

LCS Batch#: BLK080398AS

Date Prepared: 8/3/98  
Date Analyzed: 8/4/98  
Instrument I.D.#: GCHP4B

Conc. Spiked, mg/Kg: 17

Recovery, mg/Kg: 14  
LCS % Recovery: 82

### Percent Recovery Control Limits:

|        |        |
|--------|--------|
| MS/MSD | 50-150 |
| LCS    | 60-140 |

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Peggy Fenner  
Project Manager

Please Note:  
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.







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(707) 792-1865 FAX (707) 792-0342

Cambria  
1144 65th St. Ste. C  
Oakland, CA 94608  
Attention: Michael Paves

Client Project ID: Shell 2785 Hagenberger

QC Sample Group: 9807J63-01-02

Reported: Aug 19, 1998

## QUALITY CONTROL DATA REPORT

Matrix: Solid  
Method: EPA 8020  
Analyst: R. GECKLER

ANALYTE Benzene Toluene Ethylbenzene Xylenes

QC Batch #: GC081198BTEXEXA

Sample No.: GS9807J55-1

|                                | Benzene | Toluene | Ethylbenzene | Xylenes   |
|--------------------------------|---------|---------|--------------|-----------|
| Date Prepared:                 | 8/11/98 | 8/11/98 | 8/11/98      | 8/11/98   |
| Date Analyzed:                 | 8/11/98 | 8/11/98 | 8/11/98      | 8/11/98   |
| Instrument I.D.#:              | GCHP1   | GCHP1   | GCHP1        | GCHP1     |
| Sample Conc., mg/Kg:           | N.D.    | N.D.    | 0.0 mg/Kg    | 0.0 mg/Kg |
| Conc. Spiked, mg/Kg:           | 0.20    | 0.20    | 0.20         | 0.60      |
| Matrix Spike, mg/Kg:           | 0.21    | 0.46    | 0.26         | 0.85      |
| % Recovery:                    | 105     | 230     | 126          | 139       |
| Matrix Spike Duplicate, mg/Kg: | 0.18    | 0.18    | 0.18         | 0.53      |
| % Recovery:                    | 90      | 90      | 86           | 85        |
| Relative % Difference:         | 15      | 88      | 38           | 48        |
| RPD Control Limits:            | 0-25    | 0-25    | 0-25         | 0-25      |

LCS Batch#: GSBLK081198A

|                      | Benzene | Toluene | Ethylbenzene | Xylenes |
|----------------------|---------|---------|--------------|---------|
| Date Prepared:       | 8/11/98 | 8/11/98 | 8/11/98      | 8/11/98 |
| Date Analyzed:       | 8/11/98 | 8/11/98 | 8/11/98      | 8/11/98 |
| Instrument I.D.#:    | GCHP1   | GCHP1   | GCHP1        | GCHP1   |
| Conc. Spiked, mg/Kg: | 0.20    | 0.20    | 0.20         | 0.60    |
| Recovery, mg/Kg:     | 0.18    | 0.18    | 0.17         | 0.50    |
| LCS % Recovery:      | 90      | 90      | 85           | 83      |

Percent Recovery Control Limits:

| MS/MSD | Benzene | Toluene | Ethylbenzene | Xylenes |
|--------|---------|---------|--------------|---------|
| MS/MSD | 60-140  | 60-140  | 60-140       | 60-140  |
| LCS    | 70-130  | 70-130  | 70-130       | 70-130  |

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Peggy Penner  
Project Manager





**Sequoia  
Analytical**

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Cambria  
1144 65th St. Suite C  
Oakland, CA 94608  
Attention: Michael Paves

Client Proj. ID: Shell 285 Hegenberger

Received: 07/30/98

Lab Proj. ID: 9807J63

Reported: 08/19/98

### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

**SEQUOIA ANALYTICAL**

  
Peggy Renner  
Project Manager





**SHELL OIL COMPANY**  
RETAIL ENVIRONMENTAL ENGINEERING - WEST

**CHAIN OF CUSTODY RECORD**  
Serial No: \_\_\_\_\_

Date: 7-29-98  
Page 1 of 1

Site Address: 285 Hegenberger Rd, Oakland

WICH: 204-5508-5504

Shell Engineer: Tim Hargraves  
Phone No.: 335-5231  
Fax #: 335-5016

Consultant Name & Address: CAMBRIA ENVIRONMENTAL  
1114 65th St, Suite C, Oakland, CA 94608

Consultant Contact: Michael Paves  
Phone No.: 510-420-0700  
Fax #: 420-9170

Comments: \*Confirm highest MTBE conc. by EPA 8260\*

Sampled by: *Andrew Cook*

Printed Name: MIKE PAVES

Analysis Required 9807J63

LAB: Sequoia

| CHECK ONE (1) BOX ONLY                               | C1/D1 | TURF AROUND TIME   |
|--|-------|--|
| G.W. Monitoring <input type="checkbox"/>             | 4441  | 24 hours <input type="checkbox"/>                        |
| Site Investigation <input type="checkbox"/>          | 4441  | 48 hours <input type="checkbox"/>                        |
| Soil Classify/Disposal <input type="checkbox"/>      | 4443  | 15 days <input checked="" type="checkbox"/> (Annual)     |
| Water Classify/Disposal <input type="checkbox"/>     | 4443  | Other <input type="checkbox"/>                           |
| Soil/Air Rem. or Sys. O & M <input type="checkbox"/> | 4452  | NOTE: (Only take as soon as possible of 24/48 hrs. TAT.) |
| Water Rem. or Sys. O & M <input type="checkbox"/>    | 4453  |  |
| Other <input checked="" type="checkbox"/>            |       |  |

UST AGENCY: Alameda County

| Sample ID | Date    | Sludge | Soil | Water | Air | No. of conds. | TPH (EPA 8015 Mod. Gas) | TPH (EPA 8015 Mod. Diesel) | BTEX (EPA 8020/602) & MTBE | Volatile Organics (EPA 8240) | Test for Disposal | Combination TPH 8015 & BTEX 8020 | Asbestos | Container Size | Preparation Used | Composite Y/N |
|-----------|---------|--------|------|-------|-----|---------------|-------------------------|----------------------------|----------------------------|------------------------------|-------------------|----------------------------------|----------|----------------|------------------|---------------|
| D-1 (1.5) | 7/30/98 |        | X    |       |     | 1             | X                       | X                          | X                          |                              |                   |                                  |          |                |                  |               |
| D-2 (2.0) | 7/30/98 |        | X    |       |     | 1             | X                       | X                          | X                          |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |
|           |         |        |      |       |     |               |                         |                            |                            |                              |                   |                                  |          |                |                  |               |

| MATERIAL DESCRIPTION                               | SAMPLE CONDITION/ COMMENTS |
|--|----------------------------|
| *ANALYZE SAMPLE w/ HIGHEST MTBE CONC. BY EPA 8260* |                            |
|  |                            |
|  |                            |
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|   |                                 |               |  |                                 |               |
|---|---------------------------------|---------------|--|---------------------------------|---------------|
| Relinquished By (signature): <i>[Signature]</i> | Printed Name: MIKE PAVES        | Date: 7-30-98 | Received (signature): <i>[Signature]</i> | Printed Name: JAMES A. DAVIDSON | Date: 7-30-98 |
| Relinquished By (signature): <i>[Signature]</i> | Printed Name: JAMES A. DAVIDSON | Date: 7-30-98 | Received (signature): <i>[Signature]</i> | Printed Name:                   | Date:         |
| Relinquished By (signature): <i>[Signature]</i> | Printed Name:                   | Date:         | Received (signature): <i>[Signature]</i> | Printed Name: M. JONES          | Date: 7-30-98 |

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS