

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

September 22, 2006

Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Russell J. Bruzzone, Inc.  
899 Hope Lane  
Lafayette, CA 94549

Montrose Investment Co.  
242 Rivera Circle  
Greenbriar Marina  
Larkspur, CA 94939  
Attn: Jim Graham

Subject: Fuel Leak Case No. [REDACTED] Shell#13-5685, 6039 College Avenue, Oakland, CA 94618

Dear Mr. Brown, Mr. Bruzzone, and Mr. Graham:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the report entitled, "Subsurface Investigation Report and Second Quarter 2006 Groundwater Monitoring Report," dated August 11, 2006, prepared on your behalf by Cambria Environmental Technology, Inc. The report presents results from the installation of one additional groundwater monitoring well (MW-7) immediately downgradient of the western fuel dispenser. The Work Plan concludes that well MW-7 will be added to the quarterly monitoring program to assess groundwater conditions downgradient of the westernmost dispenser island. ACEH concurs with the proposed addition of well MW-7 to the quarterly groundwater monitoring program. Please present the results in the quarterly monitoring reports requested below.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **45 days following End of Quarter - Quarterly Monitoring Reports**

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Mr. Denis Brown  
Mr. Russell Bruzzone  
Mr. Jim Graham  
September 22, 2006  
Page 2

#### ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.


Mr. Denis Brown  
Mr. Russell Bruzzone  
Mr. Jim Graham  
September 22, 2006  
Page 3

**AGENCY OVERSIGHT**

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,

  
Jerry Wickham, P.G.  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Dennis Baertschi  
Cambria Environmental Technology, Inc.  
270 Perkins Street  
Sonoma, CA 95476

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

**Wickham, Jerry, Env. Health**

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**From:** Wickham, Jerry, Env. Health  
**Sent:** Tuesday, March 28, 2006 8:50 AM  
**To:** Gibbs, David  
**Cc:** 'Brown, Denis L SOPUS-OP-COR-H'  
**Subject:** Report schedule for RO0469 Shell 6039 College Avenue

The report schedule for the above referenced case is revised from that requested in ACEH correspondence dated March 21, 2006 to the following:

- **May 15, 2006** - Quarterly Monitoring Report for the First Quarter 2006
- **August 15, 2006** – Well Installation Report and Quarterly Monitoring Report for the Second Quarter 2006

Regards,

*Jerry Wickham*

Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Suite 250  
Alameda, CA 94502-6577  
510-567-6791 phone  
510-337-9335 Fax  
[jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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FAX (510) 337-9335

March 21, 2006

Mr. Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Russell J. Bruzzone, Inc.  
899 Hope Lane  
Lafayette, CA 94549

Montrose Investment Co.  
242 Rivera Circle  
Greenbriar Marina  
Larkspur, CA 94939  
Attn: Jim Graham

Subject: Fuel Leak Case No. [REDACTED] Shell#13-5685, 6039 College Avenue, Oakland, CA –  
Work Plan Approval

Dear Mr. Brown, Mr. Bruzzone, and Mr. Graham:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the document entitled, "Well Installation Work Plan," dated March 3, 2006, prepared on your behalf by Cambria Environmental Technology, Inc. The Work Plan proposes the installation of one additional groundwater monitoring well immediately downgradient of the western fuel dispenser. ACEH concurs with the proposed scope of work and requests that you perform the proposed work and send us the reports described below.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **May 15, 2006** - Quarterly Monitoring Report for the Second Quarter 2006
- **August 15, 2006** – Well Installation Report and Quarterly Monitoring Report for the Third Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Mr. Denis Brown  
Mr. Russell Bruzzone  
Mr. Jim Graham  
March 21, 2006  
Page 2

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org).

### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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Mr. Denis Brown  
Mr. Russell Bruzzone  
Mr. Jim Graham  
March 21, 2006  
Page 3

**UNDERGROUND STORAGE TANK CLEANUP FUND**

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**AGENCY OVERSIGHT**

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: David Gibbs  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

ALAMEDA COUNTY  
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January 9, 2006

Mr. Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Russell J. Bruzzone, Inc.  
899 Hope Lane  
Lafayette, CA 94549

Montrose Investment Co.  
242 Rivera Circle  
Greenbriar Marina  
Larkspur, CA 94939  
Attn: Jim Graham

Subject: Fuel Leak Case N [REDACTED], Shell#13-5685, 6039 College Avenue, Oakland, CA

Dear Sirs:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the report entitled, "Subsurface Investigation Report," dated December 14, 2005, prepared on your behalf by Cambria Environmental Technology, Inc. The report presents the results of soil borings completed in September 2005 to assess current on-site conditions in the vicinity of fuel dispensers and USTs and off-site conditions downgradient of the site. Based on these results, the report also recommends the installation of one groundwater monitoring well downgradient of the western fuel dispensers near the location of boring B-2. ACEH concurs with this recommendation and requests that you submit a work plan **by March 10, 2006** to conduct this work. ACEH requests that you address the following technical comments and send us the reports described below.

**TECHNICAL COMMENTS**

1. **Cross Sections.** The "Subsurface Investigation Report," dated December 14, 2005, includes a discussion of the soil types observed at various depths in borings, depths of samples collected, and depths of various monitoring wells along with an evaluation of conditions. This discussion and evaluation were useful to understanding site conditions but should be supplemented by the use of cross sections. We request that you prepare a minimum of two cross sections for the site with one cross section oriented in the downgradient direction. The cross sections are to include the lateral and vertical extent of soil layers, depths where groundwater was first encountered in borings and the static water levels, observations of free product, staining, or odor, the approximate location of the groundwater table, USTs and dispensers (including the tank pit backfill), and analytical data from soil samples and groundwater samples for each of the borings and wells shown on the cross sections. In



addition, please show the total depth and screen intervals for all wells. Please present these cross sections in the Work Plan requested below.

2. **Table of Well Construction Details.** Please include a table that summarizes well construction details in the Work Plan requested below. The table should include the well ID, date installed, top of casing elevation, total depth, borehole diameter, screened interval, slot size, filter pack interval, filter pack material, bentonite seal interval, and grout seal interval.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **February 15, 2006** - Quarterly Report for the Fourth Quarter 2005
- **March 10, 2006** – Work Plan for Monitoring Well Installation
- **May 15, 2006** - Quarterly Report for the First Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### **ELECTRONIC SUBMITTAL OF REPORTS**

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail

addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org).

#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

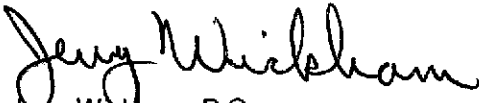
#### AGENCY OVERSIGHT

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Mr. Denis Brown  
January 9, 2006  
Page 4

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: David Gibbs  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Matthew Derby  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

**Wickham, Jerry, Env. Health**

---

**From:** Wickham, Jerry, Env. Health  
**Sent:** Tuesday, October 25, 2005 2:25 PM  
**To:** 'Gibbs, David'  
**Cc:** Denis Brown; Derby, Matt  
**Subject:** RE: 6039 College, Oakland Investigation Report Extension RO0469

Dave,

As requested, the submittal of the Subsurface Investigation Report for the 6039 College Avenue site in Oakland is extended to December 19, 2005.

Regards,

*Jerry Wickham*

Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Suite 250  
Alameda, CA 94502-6577  
510-567-6791 phone  
510-337-9335 Fax  
[jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)

---

**From:** Gibbs, David [<mailto:dgibbs@Cambria-env.com>]  
**Sent:** Tuesday, October 25, 2005 2:09 PM  
**To:** Wickham, Jerry, Env. Health  
**Cc:** Denis Brown; Derby, Matt  
**Subject:** 6039 College, Oakland Investigation Report Extension

Jerry,

In your letter dated July 8, 2005, you requested that Cambria submit the Subsurface Investigation Report for the above referenced site by November 8, 2005. As we discussed earlier today, field activities were delayed until September 28<sup>th</sup> due to difficulties in acquiring an access agreement for the property at 6066 Claremont. Laboratory data was received by Cambria on October 18<sup>th</sup> and 19<sup>th</sup>. Therefore, I would like to request an extension until December 19, 2005 for submittal of the report.

Thank you for considering this request. I would be pleased to discuss this further if there are any questions.

Sincerely,  
Dave Gibbs

*David M. Gibbs, P.G.  
Project Geologist  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
510.420.3363 tel  
510.385.0269 mobile*

10/25/2005

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

July 8, 2005

Mr. Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Russell J. Bruzzone, Inc.  
899 Hope Lane  
Lafayette, CA 94549

Montrose Investment Co.  
242 Rivera Circle  
Greenbriar Marina  
Larkspur, CA 94939  
Attn: Jim Graham

Subject: Fuel Leak Case No. [REDACTED], Shell#13-5685, 6039 College Avenue, Oakland, CA

Dear Sirs:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the report entitled, "Subsurface Investigation Work Plan Amendment 3," dated June 30, 2005, prepared by Cambria Environmental Technology, Inc. The work plan proposes advancing nine soil borings to provide additional characterization of soil and groundwater contamination at the site. In correspondence dated May 13, 2005, ACEH previously provided technical comments on "Subsurface Investigation Work Plan Amendment 2." ACEH's May 13, 2005 technical comments have been addressed and the Work Plan is approved for implementation. We request that you perform the proposed work, and send us the reports described below.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **November 8, 2005** – Subsurface Investigation Report
- **October 17, 2005** - Quarterly Report for the Third Quarter 2005
- **January 17, 2006** - Quarterly Report for the Fourth Quarter 2005

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

### **PERJURY STATEMENT**

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### **PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS**

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

### **UNDERGROUND STORAGE TANK CLEANUP FUND**

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

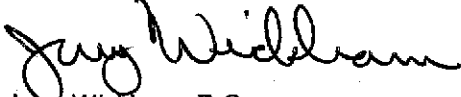
### **AGENCY OVERSIGHT**

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Mr. Denis Brown  
July 8, 2005  
Page 3

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

cc: David Gibbs  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Matthew Derby  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Donna Drogos  
File

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FAX (510) 337-9335

May 13, 2005

Mr. Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Dear Mr. Brown:

Subject: Fuel Leak Case No. RO0000469, Shell#13-5685, 6039 College Avenue, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the report entitled, "Subsurface Investigation Work Plan Amendment 2," dated November 30, 2003, prepared by Cambria. The work plan proposes advancing nine soil borings to provide additional characterization of soil and groundwater contamination at the site. Based on staff review of the document referenced above, we request that you address the following technical comment, perform the proposed work, and send us the reports described below.

**TECHNICAL COMMENTS**

1. We concur with the proposed soil boring locations, criteria for soil sampling, and analytical parameters for additional characterization of the site. Please see comment 2 regarding the depth of borings at the site and depth-discrete groundwater sampling.
2. The work plan currently proposes that depth-discrete groundwater sampling be conducted in proposed borings SB-2, SB-3, SB-6, and SB-7, which are to extend to a depth of approximately 15 feet below the water table. Based on review of the stratigraphy encountered in monitoring wells MW-5 and MW-6, only fine-grained layers (ML and CL) were encountered within the screened interval of these wells. Therefore, we request that borings SB-2, SB-3, SB-6, and SB-7 be extended to 20 feet below the water table to assess whether more permeable layers may be present at these locations. Please include the results of the investigation in the report requested below.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **July 15, 2005** - Quarterly Report for the Second Quarter 2005
- **September 15, 2005** - Subsurface Investigation Report
- **October 17, 2005** - Quarterly Report for the Third Quarter 2005
- **January 17, 2006** - Quarterly Report for the Fourth Quarter 2005



These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

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#### **UNDERGROUND STORAGE TANK CLEANUP FUND**

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

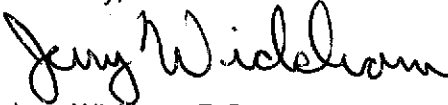
#### **AGENCY OVERSIGHT**

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Mr. Denis Brown  
May 13, 2005  
Page 3

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

cc: Matthew Derby  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Russell J. Bruzzone, Inc.  
899 Hope Lane  
Lafayette, CA 94549

Montrose Investment Co.  
242 Rivera Circle  
Greenbriar Marina  
Larkspur, CA 94939  
Attn: Jim Graham

Donna Drogos  
File

## Hwang, Don, Env. Health

---

**From:** Hwang, Don, Env. Health  
**Sent:** Wednesday, October 08, 2003 6:23 PM  
**To:** 'mmunz@cambria-env.com'  
**Subject:** RE: 6039 College Ave, Oakland - Fue Leak Case No RO0000469 - Request for Work Plan Addendum Extension

OK

-----Original Message-----

**From:** Melody Munz [mailto:mmunz@cambria-env.com]  
**Sent:** Wednesday, October 08, 2003 4:16 PM  
**To:** Don Hwang (E-mail)  
**Subject:** 6039 College Ave, Oakland - Fue Leak Case No RO0000469 - Request for Work Plan Addendum Extension

Dear Don,

It has come to my attention that I will need additional time to prepare the work plan addendum that you requested in your August 19, 2003 Letter.

Please advise via return email whether you will grant an two-week extension (until November 3, 2003) to submit the requested addendum. If you have any questions, please call me at (510) 420-3324.

Thank you for your consideration.

Regards,

Melody Munz  
Project Engineer

August 19, 2003

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

Dear Ms. Petryna:

Subject: Fuel Leak Case No. RO0000469, Shell Service Station, 6039 College Ave.,  
Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Subsurface Investigation Work Plan Amendment" dated May 2, 2003 and "2<sup>nd</sup> Quarter 2003 Monitoring Report" dated July 23, 2003, both prepared by Cambria Environmental Technology. We request that you address the following technical comments and send us the technical reports requested below.

#### TECHNICAL COMMENTS

- 1) Proposed soil and groundwater borings – In order for us to evaluate your proposed soil and groundwater borings, please provide geologic cross-sections and show soil and groundwater analytical results, utility conduits, well screens, etc., and explain your rationale for the additional sampling locations.
- 2) Historical Hydraulic Gradient – The latest rose diagram depicts gradients from 1<sup>st</sup> quarter 2000 to 2<sup>nd</sup> quarter 2003 only. Please provide rose diagrams, which include cumulative groundwater gradients in all future reports submitted for this site.
- 3) Migration Control/Source Remediation – We consider the total fluid extraction by vacuum truck operations (TFE VacOps) to be a temporary method. Further evaluation of this method as well as future recommendations for remediation of soil and groundwater contamination will be requested.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

October 19, 2003 – Workplan Addendum  
60 days after Work Plan approval – Soil and Water Investigation Report  
October 31, 2003 - "3<sup>rd</sup> Quarter 2003 Monitoring Report"  
January 31, 2004 – "4<sup>th</sup> Quarter 2003 Monitoring Report"

Ms. Petryna  
August 19, 2003  
Page 2 of 2

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Melody Munz, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608  
Donna Drogos  
File

## Hwang, Don, Env. Health

---

**From:** Melody Munz [mmunz@cambria-env.com]  
**Sent:** Tuesday, August 19, 2003 2:09 PM  
**To:** 'Hwang, Don, Env. Health'  
**Subject:** RE: Shell, 6039 College Ave., Oakland

Dear Don,

Thank you for the letter addressing our proposed work plan. As requested, we will submit a work plan addendum, addressing your technical comments no later than October 19, 2003. In the meantime, could you please change your records to reflect Cambria's new address (telephone and fax numbers remain the same):

Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Regards,

Melody

-----Original Message-----

**From:** Hwang, Don, Env. Health [SMTP:DHwang@co.alameda.ca.us]  
**Sent:** Tuesday, August 19, 2003 1:49 PM  
**To:** 'KEPetryna@shellopus.com'  
**Cc:** Drogos, Donna, Env. Health; 'mmunz@cambria-env.com'  
**Subject:** Shell, 6039 College Ave., Oakland

<< File: shelcol5203wp.doc >>

## Hwang, Don, Env. Health

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**From:** Hwang, Don, Env. Health  
**Sent:** Tuesday, August 19, 2003 1:49 PM  
**To:** 'KEPetryna@shellopus.com'  
**Cc:** Drogos, Donna, Env. Health; 'mmunz@cambria-env.com'  
**Subject:** Shell, 6039 College Ave., Oakland



shelcol5203wp.doc

**From:** Melody Munz [mmunz@cambria-env.com]  
**Sent:** Thursday, July 24, 2003 12:20 PM  
**To:** Don Hwang (E-mail)  
**Cc:** Karen Petryna (E-mail); Matt Derby (E-mail); Diane Lundquist (E-mail)  
**Subject:** 6039 College, Oakland - request for approval of May 2, 2003 Subsurface Investigation Work Plan Amendment

Dear Don,

I am writing to follow up our May 2, 2003 Subsurface Investigation Work Plan Amendment that was requested in your March 21, 2003 letter. The revised scope of work is to install two onsite and seven offsite soil borings in and near the Shell-branded service station at 6039 College, Oakland. The objective of the investigation is to define the extent of the MTBE plume southwest of the site and to determine whether offsite utility trenches provide preferential pathways for chemical migration.

We would like to fit this field work into our drilling schedule in late September or early October and request that you provide written approval to proceed. If you have further questions about the proposed scope of work or the intent of the investigation, please contact me.

Regards,

Melody Munz



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

March 21, 2003

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

Dear Ms. Petryna:

**Subject:** Fuel Leak Case No. RO0000469, Shell Service Station, 6039 College Ave.,  
Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Subsurface Investigation Work Plan" dated January 6, 2003, "Site Conceptual Model (SCM) & Well Receptor Survey" dated August 9, 2001, "4<sup>th</sup> Quarter 2002 Monitoring Report", all prepared by Cambria Environmental Technology. We request that you address the following technical comments and send us the technical reports requested below.

#### TECHNICAL COMMENTS

1) Site Characterization - The lateral and vertical extent of your dissolved contaminant plumes is undefined. Up to 67,100 microgram (ug/l) Total Petroleum Hydrocarbons- Gasoline (TPH-G), 1,650 ug/l Benzene, and 78,000 ug/l Methyl Tertiary-Butyl Ether (MTBE), have been detected in onsite monitoring wells. Up to 59,000 ug/l MTBE had been detected at a property boundary well and up to 4,460 ug/l had been detected at an offsite well indicate that your plume has migrated offsite. Although we concur with the locations of proposed SB-1 and SB-2 the remainder of the boring locations proposed in your work plan are inadequate to define the plume at your site. Please propose additional sampling locations to define the plumes associated with your site in the work plan addendum requested below. Include geologic cross-sections and show soil and groundwater analytical results, utility conduits, well screens, etc., and explain your rationale for additional sampling locations. You may want to consider performing an investigation to quickly define the location of the contaminant plume downgradient from the release site prior to installing the permanent monitoring network. That will allow you to optimize the location and depth of the permanent wells, thereby reducing the cost of the monitoring work. Collection of groundwater samples using a one-time direct push water sampling tool would be appropriate for this investigation.

2) Source Characterization - Up to 78,000 ug/l dissolved phase MTBE been detected in onsite monitoring wells indicating the potential presence of Non Aqueous Phase Liquids (NAPL) in the source area. However, onsite soil samples have never been analyzed for MTBE. We

request that you propose borings to delineate the lateral and vertical extent of soil contamination at your site. Also, rather than analyzing soil samples only at 5 ft. intervals as proposed, we request that you use discretion when selecting samples for analysis, such as considering changes in lithology, areas of obvious contamination, soil/groundwater interface, etc. Include your proposal for defining the lateral and vertical extent of soil contamination in the Work Plan Addendum requested below.

- 3) Utility Survey and Utility Trench Sampling - We generally concur with sampling in the utility trenches. However, the information provided to date (plan view) is insufficient to properly assess appropriate sampling locations. Please include cross sections showing utility locations, site stratigraphy, etc., and explain your rationale for sampling locations with the utility trenches in the work plan addendum requested below. Additionally, please explain the changes in TOC (MSL) since November 26, 2002.
- 4) Migration Control/Source Remediation - The remedial actions implemented thus far, dual-phase vacuum extraction (DVE) and total fluid extraction by vacuum truck operations (TFE VacOps) do not appear to have resulted in a significant reduction in contaminant concentrations. Please evaluate the effectiveness of your remedial efforts and provide recommendations for future remediation of soil and groundwater contamination at your site in the report requested below.
- 5) Historical Hydraulic Gradient - The latest rose diagram depicts gradients from 1<sup>st</sup> quarter 2000 to 4<sup>th</sup> quarter 2002 only. Please provide rose diagrams, which include cumulative groundwater gradients in all future reports submitted for this site.
- 6) Risk Evaluation - We concur with using a risk-based decision-making approach when evaluating the impacts of contamination at your site and proposing corrective actions. However, you have submitted a Risk-Based Corrective Action (RBCA) analysis before characterization and definition of your contaminant plumes have been completed. Also, TPH pollution was not considered. Additionally, please note that we judge the RBCA process to be inappropriate for MTBE but instead use a resource protection goal of 5 ppb. Risk-based decision-making tools may be an option for residual plume management at MTBE sites that exceed final corrective action cleanup goals following completion of all of the plume definition tasks through Corrective Action Plan (CAP) implementation. A risk-based analysis may be appropriate after you have a validated Site Conceptual Model (SCM) for this site.
- 7) Groundwater Analyses - We request that you analyze grab groundwater and monitoring well samples for TPH-G, Benzene, Toluene, Ethyl Benzene, Xylene (BTEX), and Methyl Tertiary-Butyl Ether (MTBE). Also, include the other fuel oxygenates Tertiary Amyl Methyl Ether (TAME), Ethyl Tertiary Butyl Ether (ETBE), Di-Isopropyl Ether (DIPE), and Tertiary Butyl Alcohol (TBA), Ethanol by EPA Method 8260 and the lead scavengers, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC). If any of the latter compounds are detected, and

Ms. Petryna  
March 21, 2003  
Page 3 of 3

are determined to be of concern (poses a risk to human health, the environment, or water resources) it is to be incorporated into your regular monitoring plan.

Please note, some laboratories may set detection limits for oxygenates that are higher than regulatory reporting limits, particularly for TBA. Additionally, sample preservation techniques have been reported to hydrolyze ethers (e.g., formation of TBA from MTBE hydrolysis) during some laboratory analysis procedures. Please work with your laboratory to meet the regulatory reporting standards for California and to determine appropriate sample preservation techniques.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

**April 4, 2003** – “4<sup>th</sup> Quarter 2002 Monitoring Report”  
**April 4, 2003** – Workplan Addendum  
**April 18, 2003** – Evaluation of Migration Control/Source Remediation  
**60 days after Work Plan approval** – Soil and Water Investigation Report  
**April 30, 2003** – “1<sup>st</sup> Quarter 2003 Monitoring Report”  
**July 31, 2003** – “2<sup>nd</sup> Quarter 2003 Monitoring Report”  
**October 31, 2003** – “3<sup>rd</sup> Quarter 2003 Monitoring Report”  
**January 31, 2004** – “4<sup>th</sup> Quarter 2003 Monitoring Report”

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Melody Munz, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608  
Donna Drogos  
√File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

August 16, 2001

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

Dear Ms. Petryna:

Subject: Shell Service Station, 6039 College Ave., Oakland, CA  
RO0000469

"2<sup>nd</sup> Quarter 2001 Monitoring Report" dated July 18, 2001 prepared by Cambria Environmental Technology for the referenced site was reviewed. Only monitoring wells MW-3, MW-5, and MW-6, were sampled during the 2<sup>nd</sup> Quarter 2001, on May 29, 2001. MW-4 was not sampled due to finding separate-phase hydrocarbons (SPH). MW-3's analyte concentrations, 1,800 Total Petroleum Hydrocarbons-Gasoline (TPPH), 130 ug/l Benzene, <5.0 ug/l Toluene, 84 ug/l Ethylbenzene, 100 ug/l Xylenes (BTEX), and 1,900 ug/l Methyl Tertiary-Butyl Ether (MTBE) (EPA Method 8260), were within the range of recent samples for that monitoring well. MW-5 and MW-6 both were Not Detected (ND) for all contaminants except for MTBE. MTBE (EPA Method 8260) concentrations were 1,300 ug/l and 2,000 ug/l, for MW-5 and MW-6, respectively.

Melody Munz of Cambria brought to my attention that the table of a historical compilation of TRPH/oil and grease concentrations for MW-3 and MW-4 requested, was included in "1<sup>st</sup> Quarter 2001 Monitoring Report and Remediation Pilot Testing" dated June 14, 2001. The 178 mg/l found on February 11, 2000 in MW-4 was significant. The concentrations may be higher due to positive interferences from hydrocarbons from suspended particles and colloids, and polar, biogenic hydrocarbons. Therefore, the groundwater samples should be filtered and treated with silica gel. If this is done, then the sampling frequency may be reduced. Submit the sample results for the current monitoring event so the frequency may be evaluated. A table of a historical compilation of PCB, PCP, PNA, and creosote (EPA Method 8270) is still needed to determine if their frequency should be reduced.

Ms. Petryna  
August 16, 2001  
Page 2 of 2

"1<sup>st</sup> Quarter 2001 Monitoring Report and Remediation Pilot Testing" dated June 14, 2001 also included the results of remediation pilot testing by Cambria to determine the effectiveness of dual-phase vacuum extraction (DVE) and soil vapor extraction (SVE). Although the water recovery rate during DVE was greater than that from previous total fluid extraction by vacuum truck operations (TFE VacOps), TFE VacOps was recommended by Cambria due to the possibility that improper methodology was used. Cambria proposes monthly TFE VacOps, with a reevaluation in the fourth quarter of 2001. Can this method be evaluated sooner?

If you have any questions, call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist

C: Melody Munz, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608

✓ File

# C A M B R I A

July 25, 2001

JUL 27 2001

Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Re: Certified List of Record Fee Title Holders for:**  
Shell-branded Service Station  
6039 College Avenue  
Oakland, California  
Incident #98995745



Dear Mr. Seery:

This correspondence identifies the current landowner of the referenced property and is being made on behalf of Equiva Services LLC in compliance with section 25297.15(a) of Chapter 6.7 of the Health Safety Code. Landowner information for the referenced property was researched by using one or more of the following methods:

1. Directly contacting the county assessor's office.
2. Reviewing a private vendor database of assessor information, and/or
3. Reviewing Equiva's or Cambria's files.

To the best of my knowledge, the following is a complete list of current fee title owners and their mailing addresses for the referenced property.

Russell J. Bruzzone, Inc. 899 Hope Lane, Lafayette, CA 94549  
Montrose Investment Co., 242 Rivera Circle, Greenbrae Marina, Larkspur, CA 94939  
Attn: Jim Graham

Sincerely,

Stephan A. Bork, C.E.G., C.HG.  
Associate Hydrogeologist

Oakland, CA  
San Ramon, CA  
Sonoma, CA

**Cambria  
Environmental  
Technology, Inc.**

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

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869  
Russell J. Bruzzone, Inc. 899 Hope Lane, Lafayette, CA 94549  
Montrose Investment Co., 242 Rivera Circle, Greenbrae Marina, Larkspur, CA 94939  
Attn: Jim Graham

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

July 25, 2001

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

Dear Ms. Petryna:

Subject: Shell Service Station, 6039 College Ave., Oakland, CA  
RO0000469

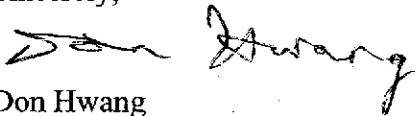
"1<sup>st</sup> Quarter 2001 Monitoring Report and Remediation Pilot Testing" dated June 14, 2001 prepared by Cambria Environmental Technology for the referenced site was reviewed. Only monitoring wells MW-3, MW-4, MW-5, and MW-6, were sampled during the 1<sup>st</sup> Quarter 2001. Sampling took place in February 2001. MW-3's analyte concentrations were within the range of recent samples for that monitoring well. MW-3's concentrations were 5,880 Total Petroleum Hydrocarbons-Gasoline (TPPH), 563 ug/l Benzene, <50.0 ug/l Toluene, 282 ug/l Ethylbenzene, and 472 ug/l Xylenes (BTEX), 8,960 ug/l Methyl Tertiary-Butyl Ether (MTBE). MW-4's MTBE (EPA Method 8260) concentration of 20,300 ug/l increased significantly compared to the concentrations found during the last samples, of 4,280 ug/l (hold time exceeded) on November 30, 2000 and 3,950 ug/l (EPA Method 8020) on August 31, 2000 but much less than the concentrations of 31,200 ug/l (hold time exceeded) and 30,300 ug/l (hold time exceeded) prior to those, on May 4, 2000 and February 11, 2000. The concentrations for the other constituents: 16,200 ug/l TPPH, 909 ug/l, <50.0 ug/l, 514 ug/l, and 2,390 ug/l BTEX, were within the range of recent samples. MW-5's concentrations of <50.00 ug/l TPPH, <0.500 ug/l, <0.500 ug/l, <0.500 ug/l BTEX, and 2,440 ug/l MTBE, were within their historical ranges. However, the prior MTBE concentrations were 15,700 ug/l (hold time exceeded, EPA Method 8260) on August 31, 2000 and <2.50 ug/l on February 11, 2000. MW-6's concentrations of <500 ug/l TPPH, <0.500 ug/l, <0.500 ug/l, <0.500 ug/l, <0.500 ug/l BTEX, and 3,910 ug/l MTBE, were within their historical ranges. However, on February 11, 2000, the MTBE concentration was also <2.50 ug/l.

Remediation pilot testing to determine the effectiveness of dual-phase vacuum extraction (DVE) and soil vapor extraction (SVE) was conducted by Cambria on March 15, 2001. Cambria then recommended total fluid extraction by vacuum truck operations (TFE VacOps).

Ms. Petryna  
July 25 2001  
Page 2 of 2

Was it determined that TFE VacOps would likely be more feasible than DVE or SVE? Can TFE VacOps be evaluated after one month? As requested in our previous letter of January 23, 2001, we still do not have a historical compilation of TRPH and oil and grease concentrations for MW-3 and MW-4. Submit. If you have any questions, call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist

C: Melody Munz, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608

✓ File



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 12, 2001

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

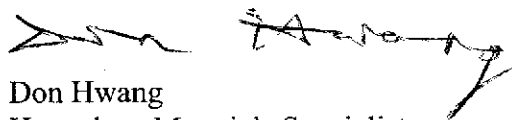
Dear Ms. Petryna:

Subject: Shell Service Station, 6039 College Ave., Oakland, CA  
RO0000469

"4th Quarter 2000 Monitoring Report" dated February 22, 2001 prepared by Cambria Environmental Technology for the referenced site was reviewed. Monitoring wells MW-3, MW-5, and MW-6 were not sampled during the 4th Quarter 2000. Analytes were found within the range of recent quarters for monitoring well MW-4. On November 30, 2000, the following concentrations were identified in groundwater from MW-4: 20,700 ug/l Total Petroleum Hydrocarbons-Gasoline (TPH-G), 525 ug/l Benzene, <50.0 ug/l Toluene, 447 ug/l Ethylbenzene, and 1,570 ug/l Xylenes (BTEX), 2,440 ug/l Methyl Tertiary-Butyl Ether (MTBE) by EPA Method 8020, 4,280 ug/l MTBE as defined by EPA Method 8020, 40,600 ug/l Total Recoverable Petroleum Hydrocarbons (TRPH), 210 ug/l naphthalene, and 89 ug/l 2-methyl naphthalene.

The frequencies for monitoring and sampling of MW-3, MW-5, and MW-6, will be increased to quarterly beginning the 1<sup>st</sup> Quarter 2001. Before we can decide whether to allow decreasing the frequencies for monitoring and sampling of MW-3 and MW-4 for TRPH and oil and grease as requested, we need a historical compilation of these concentrations to be submitted for review. We will also review the workplan for vapor extraction and dual-phase vacuum extraction tests to assess their suitability for remediation of hydrocarbons in soil and groundwater upon its submission. However, please be advised that vapor extraction would not be feasible for remediating MTBE in groundwater. Therefore, include in the workplan, other proposals to reduce MTBE concentrations in groundwater. If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang

Hazardous Materials Specialist

C: Stephan Bork, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B, Oakland,  
CA 94608

✓ File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

January 23, 2001

Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869

Dear Ms. Petryna:

Subject: Shell Service Station, 6039 College Ave., Oakland, CA  
StId 3719

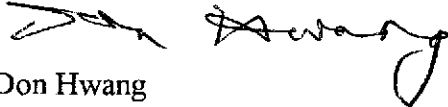
"3<sup>rd</sup> Quarter 2000 Monitoring Report" dated November 9, 2000 prepared by Cambria Environmental Technology for the aforementioned site was reviewed. Monitoring wells, MW-3 and MW-4, have shown decreases in concentrations since the previous sampling events, which was on February 11, 2000, and on May 4, 2000, respectively. On August 31, 2000, the following concentrations were identified in groundwater from MW-3: 2,560 ug/l Total Petroleum Hydrocarbons-Gasoline (TPH-G), 165 ug/l Benzene, 7.19 ug/l Toluene, 77.6 ug/l Ethylbenzene, and 183 ug/l Xylenes (BTEX), and 4,090 ug/l Methyl Tertiary-Butyl Ether (MTBE). And MW-4 contained: 5,470 ug/l TPH-G, 366 ug/l, <10 ug/l, 296 ug/l, 834 ug/l BTEX, and 3,950 ug/l MTBE. Monitoring wells, MW-5 and MW-6, found MTBE in the August 31, 2000 samples whereas the previous sampling events on February 11, 2000 had all hydrocarbon concentrations including MTBE at below detection limits. On August 31, 2000, monitoring well, MW-5, had MTBE at 13,000 ug/l and monitoring well, MW-6, had MTBE at 4,460 ug/l.

MW-3, MW-4, MW-5, and MW-6, are all downgradient of previous and current underground tanks and pump islands. Note that although MW-3 and MW-4 are closer to the underground tanks and pump islands than MW-5 and MW-6, hydrocarbon concentrations decreased from the previous sampling event. And, MW-5 and MW-6 although further from the underground tanks and pump islands than MW-3 and MW-4, MTBE was found when none was found previously. Does this indicate that the plume is moving offsite? The hydrocarbon concentrations particularly, MTBE, are at levels which need to be closely monitored. Only MW-4 is monitored quarterly.

Ms. Petryna  
January 23, 2001  
Page 2 of 2

At this time, monitoring frequencies should be increased to quarterly for all recently sampled wells, MW-3, MW-4, MW-5, and MW-6. If groundwater samples from wells, MW-5 and MW-6, continue to exhibit elevated MTBE concentrations, then further delineation of the plume and/or a Corrective Action Plan (CAP) for control of the plume may be required. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist

<sup>a</sup> C: Darryk Ataide, Cambria Environmental Technology, Inc., 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608

✓ File

LOP CHANGE RECORD REQUEST FORM

printed:  
06/26/2000

Mark Out What Needs Changing and Hand to LOP Data Entry  
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006618  
 StID : 3719      LOC: -0-  
 SITE NAME: Shell Service Station      DATE REPORTED : 09/06/1992  
 ADDRESS : 6039 College Ave      DATE CONFIRMED: 09/06/1992  
 CITY/ZIP : Oakland      94618      MULTIPLE RPS : Y

SITE STATUS

CASE TYPE: 0 CONTRACT STATUS: 4      PRIOR CODE:1B3      EMERGENCY RESP: -0-  
 RP SEARCH: S      DATE COMPLETED: 03/06/1992  
 PRELIMINARY ASMNT: U      DATE UNDERWAY: 04/13/1990      DATE COMPLETED: -0-  
 REM INVESTIGATION: -      DATE UNDERWAY: -0-      DATE COMPLETED: -0-  
 REMEDIAL ACTION: -      DATE UNDERWAY: -0-      DATE COMPLETED: -0-  
 POST REMED ACT MON:-      DATE UNDERWAY: -0-      DATE COMPLETED: -0-  
 ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 03/06/1992  
 LUFT FIELD MANUAL CONSID: 2HSCAWG      DATE CASE CLOSED: -0-  
 CASE CLOSED: -      REMEDIAL ACTIONS TAKEN: UK  
 DATE EXCAVATION STARTED : -0-

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: n/a  
 COMPANY NAME: Montrose Investment Co.,inc.  
 ADDRESS: 242 Rivera Cr.  
 CITY/STATE: Larkspur , Ca 94939

RP#2-CONTACT NAME: Karen Petryna  
 COMPANY NAME: Equiva Services Llc  
 ADDRESS: P. O. Box 7869  
 CITY/STATE: Burbank, Ca 91501-7869

INSPECTOR VERIFICATION:					
NAME	SIGNATURE			DATE	
DATA ENTRY INPUT:				Case Progress Changes	
Name/Address Changes Only					
ANNPGMS	LOP	DATE	LOP	DATE	

- STID 3719      Shell Station, 6039 College Ave.

Old historic release (heavy HCs) and modern release with MtBE. FP accumulates in one on-site well.  
 MtBE now spread off-site. Further MtBE investigation needed, as well as SCM completed.

*Don - Please take over this case*  
*Thanks Don*

Shell  
6039 College Ave  
Oakland

12.2.99

MEMO to file:

After review of the 3<sup>rd</sup> qtr OMR, it was ~~noticed that~~ the problem identified previously with the data tables depicting sampling results has not been corrected. I spoke w/ Candaris Darryk Attide about this problem, who informed me that the raw data and completed tables come from Blaine Tech. He said he would try to verify it. I informed him that he need not provide a supplement table, but just ensure all is corrected in future reports.

SOS

3719

C A M B R I A

November 23, 1999

Mr. Tom Berkins  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502

**Re: Certified List of Record Fee Title Owners for:**  
Shell-branded Service Station  
6039 College Ave.  
Oakland, CA  
Incident No. 98995745



Dear Mr. Berkins:

In accordance with section 25297.15(a) of Chapter 6.7 of the Health Safety Code and on behalf of Equiva Services LLC, we certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site.

**Montrose Investment Col, PO Box 2099, Houston, TX 77252**

Sincerely,

Ailsa S. Le May, R.G.  
Senior Geologist

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California, 90749-6249  
Montrose Investment Col, PO Box 2099, Houston, TX 77252

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

November 23, 1999

Mr. Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502

**RE: Relocation of Equiva Services LLC West Coast Administrative Center**

Dear Mr. Seery:

Effective December 1, 1999, Equiva Services LLC will relocate its West Coast Administrative Center from Carson, California to Burbank, California. Please send future correspondence that would formerly have gone to the Carson address to the following address:

**Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, California 91501-7869**

Thank you in advance for your assistance with this address change. Please do not hesitate to contact me if you have any questions.

Sincerely,



Karen Petryna P.E.  
Civil Engineer  
Equiva Services LLC  
Science & Engineering, West Coast  
(559) 645-9306  
(559) 645-5643 fax  
(510) 719-7182 mobile  
Email: kepetryna@equiva.com

3719	6039 College	Oak
3672	9750 Golf Links	"
1107	29 Wildwood	Ried
1646	4226 1st St.	Pleas
5807	5251 Hopyard	"
1673	3790	"
768	1784 150th	S. Leam.
1507	15275 Washington	"

99 DEC -1 PM 2:43  
EQUIVA SERVICES LLC  
PROTECTION

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9335 (FAX)

July 19, 1999

STID 3719

Ms. Karen Petryna  
Equiva Services LLC  
Science & Engineering, West Coast  
P.O. Box 6249  
Carson, CA 90749-6249

RE: Shell Service Station, 6039 College Avenue, Oakland

Dear Ms. Petryna:

The case file for the referenced site was recently reviewed and the current sampling frequencies evaluated. This review include file entries up to and including the July 14, 1999 Cambria Environmental Technology, Inc. (Cambria) report documenting the sampling and monitoring activities that occurred during the first quarter of 1999.

Elevated concentrations of methyl tert butyl ether (MtBE), among other constituents, were identified in samples collected during the 1<sup>st</sup> quarter 1999 from well MW-3. MtBE was detected at a reported concentration of 27,600 ug/l, an order-of-magnitude increase from the February 1997 event, but down from the 59,000 ug/l reported for January 1998. Off-site well MW-5 also continues to show elevated concentrations of MtBE (2850 ug/l). Well MW-6, located off-site and formerly on an annual schedule, was not sampled as due to an unspecified accessibility problem.

(Note: Several irregularities appear in tabulated data and associated figures in the 1<sup>st</sup> quarter 1999 report for this well, and perhaps for others, making case review difficult. For example, the data tables indicate MW-3 had not been sampled since February 1997, yet the report documenting the 1<sup>st</sup> quarter 1998 sampling indicates that, in fact, it had been. Likewise, Figure 1 of the 1999 report incorrectly portrays the 1998 data instead of the 1999 data.)

At this time, please adhere to the following sampling schedule changes (**changes appear in bold type**):

<u>Well</u>	<u>Schedule</u>	<u>Quarters</u>
MW-1	Discontinued	NA
MW-2	"	"
<b>MW-3</b>	<b>Semiannual</b>	<b>1<sup>st</sup> and 3rd</b>
MW-4	Quarterly	All
<b>MW-5</b>	<b>Semiannual</b>	<b>1<sup>st</sup> and 3rd</b>
<b>MW-6</b>	<b>Semiannual</b>	<b>1<sup>st</sup> and 3rd</b>

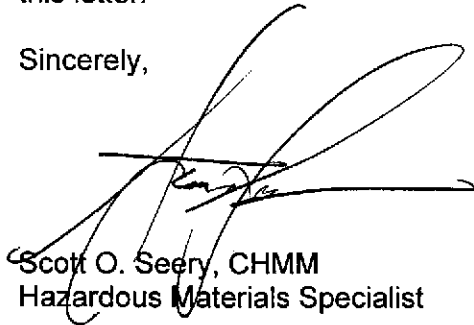


Ms. Karen Petryna  
RE: Shell Station, 6039 College Ave., Oakland  
July 19, 1999  
Page 2 of 2

Please be aware that this revised sampling schedule is effective immediately until further notice. Normal well gauging/monitoring shall continue on a quarterly schedule as before. In addition, all future reports shall include copies of the field sheets that are completed by the sampler at the time the wells are sampled, gauged, or monitored.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB  
Leroy Griffin, Oakland Fire Department  
Derek Ataide, Cambria Environmental Technology, Inc.,  
1144 - 65<sup>th</sup> St., Ste. B, Oakland, CA 94608

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

May 5, 1999

STID 3719

Ms. Karen Petryna  
Equiva Services LLC  
Science & Engineering, West Coast  
P.O. Box 6249  
Carson, CA 90749-6249

RE: Shell Service Station, 6039 College Avenue, Oakland

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Ms. Petryna:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 6039 College Avenue

May 5, 1999

Page 2 of 2

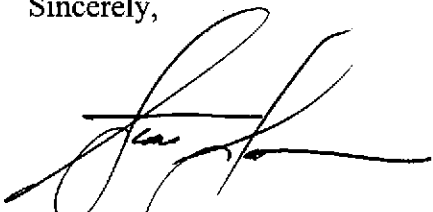
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB  
Leroy Griffin, Oakland Fire Department

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

---

Name of local agency  
Street address  
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:
  
2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

---

Name of local agency  
Street address  
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY  
FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

3508-3301

<b>MARK ONLY ONE ITEM</b>	<input type="checkbox"/> 1 NEW PERMIT	<input checked="" type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: SUNSHINE SHELL

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <u>5508-33-RU-1</u>	B. MANUFACTURED BY: <u>OWENS CORNING</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1978</u>	D. TANK CAPACITY IN GALLONS: <u>10,000</u>

**II. TANK CONTENTS** IFA-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT	B. <input type="checkbox"/> 4 OIL <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE	C. <input checked="" type="checkbox"/> 1a REGULAR UNLEADED <input type="checkbox"/> 1b PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED <input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED		C. A. S. #:

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL <input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank) <input type="checkbox"/> 1 BARE STEEL <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 10 GALVANIZED STEEL	<input checked="" type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 7 ALUMINUM <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP <input type="checkbox"/> 99 OTHER
C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 2 ALKYD LINING <input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 3 EPOXY LINING <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 4 PHENOLIC LINING <input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 2 COATING <input checked="" type="checkbox"/> 91 NONE	<input type="checkbox"/> 3 VINYL WRAP <input type="checkbox"/> 95 UNKNOWN <input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) <u>NONE</u> OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>NONE</u>		

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input checked="" type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input checked="" type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

**V. TANK LEAK DETECTION**

<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input checked="" type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
---	--	--

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Lily SAYAPHUPHA</u>	DATE <u>08/25/94</u>
--	-------------------------

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	01	000	021700	000001
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE <u>12/2/98</u>	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

5508-3901

<b>MARK ONLY ONE ITEM</b>	<input type="checkbox"/> 1 NEW PERMIT	<input checked="" type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

**DBA OR FACILITY NAME WHERE TANK IS INSTALLED:** SUNSHINE SHELL

<b>I. TANK DESCRIPTION</b> COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D.# <u>5508-33-PL-1</u>	B. MANUFACTURED BY: <u>OWENS CORNING</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1978</u>	D. TANK CAPACITY IN GALLONS: <u>10,000</u>

<b>II. TANK CONTENTS</b> IF A-1 IS MARKED, COMPLETE ITEM C.			
A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input checked="" type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED <u>PLUS UNLEADED</u>			C. A. S. #:

<b>III. TANK CONSTRUCTION</b> MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E				
A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN	
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER	
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input checked="" type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___				
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>NONE</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>NONE</u>	

<b>IV. PIPING INFORMATION</b> CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE				
A. SYSTEM TYPE	A U 1 SUCTION	A <u>U</u> 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A <u>U</u> 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC) A <u>U</u> 4 FIBERGLASS PIPE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input checked="" type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input checked="" type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

<b>V. TANK LEAK DETECTION</b>				
<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input checked="" type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

<b>VI. TANK CLOSURE INFORMATION</b>		
1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>

*THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT*

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Lily Sayaphupha</u>	DATE <u>12/2/98</u>
--	------------------------

<b>LOCAL AGENCY USE ONLY</b> THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW				
STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	<u>01</u>	<u>000</u>	<u>021700</u>	<u>000002</u>
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	
			<u>12/2/98</u>	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

5508-3301

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input checked="" type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: **SUNSHINE SHELL**

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <b>5508-33-SU-1</b>	B. MANUFACTURED BY: <b>OWENS CORNING</b>
C. DATE INSTALLED (MO/DAY/YEAR) <b>1978</b>	D. TANK CAPACITY IN GALLONS: <b>10,000</b>

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input checked="" type="checkbox"/> 1b PREMIUM UNLEADED
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED
			<input type="checkbox"/> 3 DIESEL
			<input type="checkbox"/> 4 GASAHOL
			<input type="checkbox"/> 5 JET FUEL
			<input type="checkbox"/> 6 AVIATION GAS
			<input type="checkbox"/> 7 METHANOL
			<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED \_\_\_\_\_ C. A. S. #: \_\_\_\_\_

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	B. TANK MATERIAL (Primary Tank)	C. INTERIOR LINING
<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 1 RUBBER LINED
<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 2 ALKYD LINING
<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input checked="" type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 3 EPOXY LINING
<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/> 4 PHENOLIC LINING
<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 95 UNKNOWN
<input type="checkbox"/> 99 OTHER	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 99 OTHER
	<input type="checkbox"/> 7 ALUMINUM	
	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP	
	<input type="checkbox"/> 9 BRONZE	
	<input type="checkbox"/> 10 GALVANIZED STEEL	
	<input type="checkbox"/> 95 UNKNOWN	
	<input type="checkbox"/> 99 OTHER	

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES \_\_\_ NO \_\_\_

D. CORROSION PROTECTION	E. SPILL AND OVERFILL
<input type="checkbox"/> 1 POLYETHYLENE WRAP	SPILL CONTAINMENT INSTALLED (YEAR) <u>NONE</u>
<input type="checkbox"/> 2 COATING	OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>NONE</u>
<input type="checkbox"/> 3 VINYL WRAP	
<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC	
<input type="checkbox"/> 5 CATHODIC PROTECTION	
<input type="checkbox"/> 91 NONE	
<input type="checkbox"/> 95 UNKNOWN	
<input type="checkbox"/> 99 OTHER	

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	B. CONSTRUCTION	C. MATERIAL AND CORROSION PROTECTION	D. LEAK DETECTION
A U 1 SUCTION	A U 1 SINGLE WALL	A U 1 BARE STEEL	<input checked="" type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR
A U 2 PRESSURE	A U 2 DOUBLE WALL	A U 2 STAINLESS STEEL	<input checked="" type="checkbox"/> 2 LINE TIGHTNESS TESTING
A U 3 GRAVITY	A U 3 LINED TRENCH	A U 3 POLYVINYL CHLORIDE (PVC)	<input type="checkbox"/> 3 INTERSTITIAL MONITORING
A U 99 OTHER	A U 95 UNKNOWN	A U 4 FIBERGLASS PIPE	<input type="checkbox"/> 99 OTHER
	A U 99 OTHER	A U 5 ALUMINUM	
		A U 6 CONCRETE	
		A U 7 STEEL W/ COATING	
		A U 8 100% METHANOL COMPATIBLE W/FRP	
		A U 9 GALVANIZED STEEL	
		A U 10 CATHODIC PROTECTION	
		A U 95 UNKNOWN	
		A U 99 OTHER	

**V. TANK LEAK DETECTION**

<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
---	--	--

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>[Signature]</i>	DATE <b>12/21/94</b>
--	-------------------------

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	<b>01</b>	<b>000</b>	<b>021700</b>	<b>000003</b>
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	
			<b>12/2/98</b>	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS



Shell  
6039 College Ave  
Oakland

4/30/88

MEMO to file:

Review of 1<sup>st</sup> qtr sampling data indicates substantial increases of MTBE detected in MW-3 since last sampling event (2/97). MTBE concentrations increased from 360 ug/l in 12/96, to 3200 ug/l two months later (2/97), to the 59,000 ug/l in 1/98. Likewise, FP (0.62') was recovered from well MW-4 in 1/98. The 11/97 sampling event identified 78,000 ug/l MTBE in this well. Further, PCE concentrations increased substantially during the last year in MW-4, as have certain PNAs.

It was reported in the fall of 1997 that a "possible" line leak was discovered during routine integrity tests. It has been reported that this "possible" leak has been repaired. Clearly, GW data support a recent release in the UST area as having occurred.

SSS



April 15, 1997

Scott Seery  
Alameda Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Dear Mr. Seery:

On behalf of Shell Oil Products Company, Cambria Environmental Technology, Inc. (Cambria), will be submitting First Quarter 1997 Quarterly Monitoring Reports for the following sites within the next thirty days.

CITY	SITE
Oakland	6039 College Avenue

We request that you approve of this new submission date.

Thank you for your assistance. Please call me if you have any questions or comments.

Sincerely,  
Cambria Environmental Technology, Inc.

Paul Waite  
Project Manager

CAMBRIA  
ENVIRONMENTAL  
TECHNOLOGY, INC.  
1144 65TH STREET,  
SUITE B  
OAKLAND,  
CA 94608

cc: A. E. (Alex) Perez, Shell Oil Products Company, P.O. Box 4023 Concord, California 94524

F:\PROJECT\SHELL\0-MGMT\QMLETTER\SSeery.wpd

PH: (510) 420-0700  
FAX: (510) 420-9170

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



February 19, 1997

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

STID 3719

Aura B. Mattis  
Shell Oil Products Company  
P.O. Box 4023  
Concord, CA 94524

RE: SHELL STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Ms. Mattis:

You may recall when we met last week I mentioned to you that our records for the College Avenue site reflect that no overspill buckets are installed on the single-wall fuel underground storage tanks (UST). Both the most recent (August 1994) UST permit B forms and the HMBP indicate the absence of such overspill protection.

Clarification of this issue has become paramount in our attempt to explain the occurrence of up 13,000 parts per billion (ppb) MTBE in water sampled August 1996 from *off-site* wells located some 100' from the UST cluster. Such represents an increase in concentrations from the previous sampling event. Both phenomena indicate a recent release.

At this time, please comply with the following points:

- 1) Confirm the presence or absence of overspill buckets and *overflow* protection.
- 2) If overspill buckets are installed, submit "as built" plans for their installations, indicate capacities and manufacturer, and indicate the date that this work was completed.
- 3) Submit updated UST Permit Application A and B forms (copies attached) to correctly reflect spill and overflow protection status if applicable.
- 4) Confirm the presence or absence of "striker plates" beneath the access ports of the single wall Owens-Corning FRP product tanks.
- 5) Submit an update to the site HMBP to appropriately reflect the presence of overspill protection if applicable.

Ms. Mattis  
RE: 6039 College Avenue, Oakland  
February 19, 1997  
Page 2 of 2

You may be well advised to review the records for all the Shell stations in Alameda County to ensure that these issues are appropriately clarified and updated where necessary.

Please call me at (510) 567-6783 should you have any questions about the content of this letter. Compliance questions, as well as submittal of your response to the items requested above, should be directed to Pamela Evans of this office. Ms. Evans's phone number is (510) 567-6770.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

enclosures

cc: Mee Ling Tung, Agency Director  
Gordon Coleman, Acting Chief, Environmental Protection  
Larry Blazer, Alameda County District Attorney's Office  
Kevin Graves, RWQCB  
Pamela Evans, ACDEH  
Kevin Tinsley, ACDEH

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Shell Station Today's Date 2/26/96

Site Address 6039 College Ave.

City Oakland Zip 94618 Phone \_\_\_\_\_

\_\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

\_\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

\_\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

III. Under ground Storage Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

On site to inspect fuel USTs to determine whether overfill/overspill protection is installed. All three (3) fuel tanks had overspill protection on vapor (~5 gal) and delivery (~15 gals) accesses. In addition, all three USTs appeared to have positive fuel shut-off (flapper valve) delivery drop tubes.

Required actions:

- 1) new UST Forms A+B are to be submitted which document over-fill/spill protection status/dates
- 2) HMBP needs to be modified to reflect same
- 3) "as-builts" depicting overspill/-fill status to be submitted, including equipment descriptions/capacities

Contact Anna Mattis via mail

Title \_\_\_\_\_

Signature \_\_\_\_\_

Inspector [Signature] II, III

Signature \_\_\_\_\_



ENVIRONMENTAL  
PROTECTION  
DIVISION  
JUN 8 PM 12:16

June 7, 1995

Mr. Scott O. Seery  
Alameda County Department of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Pkwy, Room 250  
Alameda, CA 94502-6577

RE: *CAP Extension Request*  
ACDEH STID #3719  
Shell Service Station  
WIC # 204-5508-3301  
6039 College Avenue  
Oakland, California  
WA Job # 81-0618-80

Dear Mr. Seery:

On behalf of Shell Oil Company, Weiss Associates (WA) is respectfully requesting an extension to complete the corrective action plan (CAP) for the Shell service station referenced above. You requested the CAP in your letter to Shell Engineer Dan Kirk, dated April 12, 1995. As we have previously discussed, Shell and WA are preparing a comprehensive non-attainment zone (NAZ) evaluation and a risk-based corrective action (RBCA) plan for the site. The CAP is taking a great deal of effort and will not be ready for your review by June 12, 1995, the deadline you originally requested.

Therefore, as you agreed in your phone message to me today, WA is planning to submit the CAP by July 12, 1995. Please call me if you have any questions or concerns. We look forward to submitting the plan and to working with you further on this project.

Sincerely,  
Weiss Associates

Thomas Fojut  
Project Geologist

cc: Dan Kirk, Shell Oil Company, PO Box 4023, Concord, California 94524  
Kevin Graves, Regional Water Quality Control Board, San Francisco Bay Region, 2101 Webster Street, Suite 500, Oakland, California 94612

J:\SHELL\0618\RBCA\EXTN1.DOC

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

STID 3719

Alameda County CC4580  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

April 12, 1995

Mr. Dan Kirk  
Shell Oil Company  
P.O. Box 4023  
Concord, CA 94524

RE: SHELL STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Mr. Kirk:

I have completed a review of the case file for this site, up to and including the December 19, 1994 Weiss Associates (WA) 4th quarter 1994 sampling report. The cited report, as well as those WA reports issued since October 1993, have recommended continued sampling of all wells for the presence of dissolved hydrocarbons. However, a previous WA report dated January 3, 1994 which documents the results of the off-site soil and ground water study, indicates that a feasibility study, applicable clean-up levels, and a schedule for future work at the site would be forthcoming. To date, such has not been presented.

As has been indicated in past correspondence from this office, a corrective action plan (CAP), pursuant to Article 11, *Corrective Action Requirements*, Title 23, California Code of Regulations, is required for this site. Please develop and submit a comprehensive CAP for this site, incorporating, among other elements, the referenced feasibility study and applicable clean-up levels.

The requested CAP is due within 60 days of the date of this letter, or by June 12, 1995.

Please call me at 510/567-6783 should there be any questions or if I may be of assistance.

Sincerely,

Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director  
Gil Jensen, Alameda County District Attorney's Office

#3719

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

550833

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input checked="" type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME SUNSHINE SHELL		NAME OF OPERATOR LILY SAYAPHUPHA		
ADDRESS 6039 COLLEGE AVENUE		NEAREST CROSS STREET CLAREMONT AVENUE	PARCEL # (OPTIONAL)	
CITY NAME OAKLAND		STATE CA	ZIP CODE 94618	SITE PHONE # WITH AREA CODE 510-420-8860
<input checked="" type="checkbox"/> BOX TO INDICATE	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL-AGENCY DISTRICTS
<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM	<input type="checkbox"/> 4 PROCESSOR	<input type="checkbox"/> 5 OTHER
<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS		# OF TANKS AT SITE 3	E. P. A. I. D. # (optional)	

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) SAYAPHUPHA, LILY	PHONE # WITH AREA CODE 510-420-8860	DAYS: NAME (LAST, FIRST) SAYAPHUPHA, BILL	PHONE # WITH AREA CODE 510-420-8860
NIGHTS: NAME (LAST, FIRST) SAYAPHUPHA, LILY	PHONE # WITH AREA CODE 510-653-9573	NIGHTS: NAME (LAST, FIRST) SAYAPHUPHA, BILL	PHONE # WITH AREA CODE 510-653-9573

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME SHELL OIL COMPANY	CARE OF ADDRESS INFORMATION ENVIRONMENTAL ANALYST		
MAILING OR STREET ADDRESS P.O. Box 4023	<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Concord	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
STATE CA	ZIP CODE 94524	PHONE # WITH AREA CODE 510-675-6100	<input type="checkbox"/> COUNTY-AGENCY
			<input type="checkbox"/> FEDERAL-AGENCY

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER SHELL OIL COMPANY	CARE OF ADDRESS INFORMATION ENVIRONMENTAL ANALYST		
MAILING OR STREET ADDRESS P.O. Box 4023	<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Concord	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
STATE CA	ZIP CODE 94524	PHONE # WITH AREA CODE 510-675-6100	<input type="checkbox"/> COUNTY-AGENCY
			<input type="checkbox"/> FEDERAL-AGENCY

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY(TK) HQ 44-000074

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> 1 SELF-INSURED	<input checked="" type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I.  II.  III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Lily SAYAPHUPHA	APPLICANT'S TITLE Dealer	DATE MONTH/DAY/YEAR 8/25/94
---	-----------------------------	--------------------------------

LOCAL AGENCY USE ONLY

COUNTY # 01	JURISDICTION # 000	FACILITY # 021700
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.  
FORM A (5-91) FOR0033A-5



white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

80 Swan Way, #200  
 Oakland, CA 94621  
 (415) 271-4320

II, III

Site ID # \_\_\_\_\_ Site Name Shell Station Today's Date 7/10/93

II.A BUSINESS PLANS (Title 19)

- \_\_\_ 1. Immediate Reporting 2703
- \_\_\_ 2. Bus. Plan Stds. 25503(b)
- \_\_\_ 3. RR Cars > 30 days 25503.7
- \_\_\_ 4. Inventory Information 25504(a)
- \_\_\_ 5. Inventory Complete 2730
- \_\_\_ 6. Emergency Response 25504(b)
- \_\_\_ 7. Training 25504(c)
- \_\_\_ 8. Deficiency 25505(a)
- \_\_\_ 9. Modification 25505(b)

Site Address 6039 College Ave

City Oakland Zip 94 Phone \_\_\_\_\_

\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- \_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_ II. Business Plans, Acute Hazardous Materials
- \_\_\_ III. Underground Tanks

II.B ACUTELY HAZ. MATLS

- \_\_\_ 10. Registration Form Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N)
- \_\_\_ 14. OffSite Conseq. Assess. 25524(c)
- \_\_\_ 15. Probable Risk Assessment 25534(d)
- \_\_\_ 16. Persons Responsible 25534(g)
- \_\_\_ 17. Certification 25534(i)
- \_\_\_ 18. Exemption Request? (Y/N) 25536(b)
- \_\_\_ 19. Trade Secret Requested? 25538

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General**
- \_\_\_ 1. Permit Application 25284 (H&S)
- \_\_\_ 2. Pipeline Leak Detection 25292 (H&S)
- \_\_\_ 3. Records Maintenance 2712
- \_\_\_ 4. Release Report 2651
- \_\_\_ 5. Closure Plans 2670
- \_\_\_ 6. Method
- 1) Monthly Test
- 2) Daily Vadose
- 3) Records Maintenance
- 4) Release Report
- 5) Closure Plans
- \_\_\_ 7. Precls Tank Test 2643
- Date: \_\_\_\_\_
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing 2646
- \_\_\_ 10. Ground Water. 2647
- Monitoring for Existing Tanks**
- \_\_\_ 11. Monitor Plan 2632
- \_\_\_ 12. Access. Secure 2634
- \_\_\_ 13. Plans Submit 2711
- Date: \_\_\_\_\_
- \_\_\_ 14. As Built 2635
- Date: \_\_\_\_\_
- New Tanks**

Comments: 11:50 - 12:30 1:30 - 1:50 (plus travel)  
On site to observe progress of drilling operation on adjoining Olund property. Met David Elias et al of Weiss Assoc. Upon my arrival subjective GW "grab" samples were being collected and decanted from the bailer into appropriate bottles for subsequent analysis. Mr. Elias indicated the western-most and central borings on the Olund site exhibited HC contamination on GW (sheen) and odors during drilling. The eastern-most boring apparently did not indicate such HC odors or sheen.  
We discussed the merit of converting one of the impacted borings into a well. Mr. Elias said he did not have enough well construction hardware to both complete a well here and the additional well to be drilled across Claremont Ave, also slated for today. He suggested that a well a bit further down-gradient between MW-5 and (new) MW-6 might be better, knowing that the Olund property is already impacted. I agreed. He will be II, III

Rev 6/88

Contact: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspector: S. FERRY

Signature: \_\_\_\_\_

discussing this with Scott McLeod (WA) and Dan Kirk (Shell).



**Weiss Associates**

*Environmental and Geologic Services*

5500 Shellmound Street, Emeryville, CA 94608-2411

Fax: 510-547-5043 Phone: 510-547-5420

April 14, 1993

Albert Hall  
City of Oakland  
Planning and Building  
1330 Broadway  
Oakland, California 94612

Re: Encroachment and Excavation Permits  
Shell Service Station  
WIC #204-5508-3301  
6039 College Avenue  
Oakland, California  
WA Job #81-618-07

Dear Mr. Hall:

Please find attached a letter of authorization from the property owner of the above referenced site. This should enable you to finalize the encroachment permit.

Please call me at 450-6108 if you have any questions or if I can be of assistance with the processing of the encroachment permit.

Sincerely,

David Elias  
Staff Geologist

DCE/:de

J:\HC\_ENG\SHELL\OAK-618\618L1AP3.WP

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California, 95450-9998  
Scott Seery, Alameda County Department of Environmental Health, 80 Swan Way, Room  
200, Oakland, California 94621

Montrose Investment Co. Inc.  
242 Rivera Circle  
Larkspur, CA 94939

March 30, 1993

Albert Hall  
City of Oakland  
Planning and Building  
1330 Broadway  
Oakland, CA 94612

RE: ENCROACHMENT PERMIT APPLICATION  
SHELL SERVICE STATION  
6039 COLLEGE AVENUE  
OAKLAND, CA

Dear Mr. Hall:

This letter notifies you that, on my behalf, Shell Oil Company and Weiss Associates may process the encroachment and excavation permits necessary to drill soil borings and install monitoring wells in Claremont Avenue adjacent to the site referenced above.

Sincerely,

  
By: Jim Graham, CEO

cc: Dan Kirk, Shell Oil Company, P. O. Box 5278, Concord, CA 94550  
Scott Seery, Alameda County Department of Environmental Health,  
80 Swan Way, Room 200, Oakland, CA 94621  
Scott MacLeod, Weiss Associates, 5500 Shellmound Street,  
Emeryville, CA 94608

06JM0892

Russell J. Bruzzone  
899 Hope Lane  
Lafayette, CA 94549

March 30, 1993

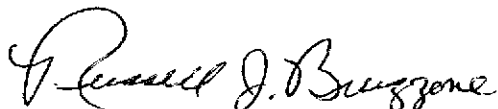
Albert Hall  
City of Oakland  
Planning and Building  
1330 Broadway  
Oakland, CA 94612

RE: ENCROACHMENT PERMIT APPLICATION  
SHELL SERVICE STATION  
6039 COLLEGE AVENUE  
OAKLAND, CA

Dear Mr. Hall:

This letter notifies you that, on my behalf, Shell Oil Company and Weiss Associates may process the encroachment and excavation permits necessary to drill soil borings and install monitoring wells in Claremont Avenue adjacent to the site referenced above.

Sincerely,



Russell J. Bruzzone

cc: Dan Kirk, Shell Oil Company, P. O. Box 5278, Concord, CA 94550  
Scott Seery, Alameda County Department of Environmental Health,  
80 Swan Way, Room 200, Oakland, CA 94621  
Scott MacLeod, Weiss Associates, 5500 Shellmound Street,  
Emeryville, CA 94608



**Weiss Associates**

5500 Shellmound Street, Emeryville, CA 94608-2411

Environmental and Geologic Services

Fax: 510-547-5043 Phone: 510-547-5420

STD 3719

February 25, 1993

Larry Olund  
6023 College Avenue  
Oakland, California 95613

Shell  
6039 College Ave  
Oakland 94618

Re: Right of Entry Agreement  
6074/6076 Claremont Avenue  
Oakland, California  
81-618-07

Dear Mr. Olund:

I am writing to follow up on the status of the Right of Entry Agreement (ROE) for the site referenced above. On January 20, 1993 I sent a letter that discussed the modifications to the ROE proposed by attorney Gerard Glass and included a copy of the modified ROE. We are very interested in conducting our subsurface investigation as soon as possible. Please call me at 510-450-6108 if there has been any cause for delay or if I can be of any assistance.

Sincerely,  
Weiss Associates

David C. Elias  
Staff Geologist

DCE:de  
C:\SHELL\OAKCOLL\618L1FE3.WP

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California, 95450-9998  
Lester Feldman, Regional Water Control Board-San Francisco Bay, 2101 Webster Street,  
Suite 500, Oakland, California 94612  
Scott Seery, ACDEH, 80 Swan Way, Room 200, Oakland, CA 94621



510-547-5420

TRANSMITTAL LETTER

FROM: David Elias

DATE: February 24, 1993

TO: Mr. Gerard J. Glass  
201 D/A Financial Building  
Three Altarinda Road  
Orinda, California 94563-2601

VIA:  X  First Class Mail  
\_\_\_\_\_ Fax \_\_\_\_\_ pages  
\_\_\_\_\_ UPS (Surface)  
\_\_\_\_\_ Federal Express  
\_\_\_\_\_ Courier

SUBJECT: Agreement for Right of Entry  
6074/6076 Claremont Avenue, CA

JOB: 81-618-07

AS: \_\_\_\_\_ We discussed on the telephone on \_\_\_\_\_  
\_\_\_\_\_ You requested \_\_\_\_\_  
\_\_\_\_\_ We believe you may be interested  
 X  \_\_\_\_\_ Is required

WE ARE SENDING:  X  Enclosed  
\_\_\_\_\_ Under Separate Cover Via \_\_\_\_\_

• Certificates of Insurance naming Larry Olund as additional insured.

FOR: \_\_\_\_\_ Your information PLEASE:  X  Keep this material  
 X  Your use \_\_\_\_\_ Return by \_\_\_\_\_  
 X  Your review & comments  X  Acknowledge receipt  
\_\_\_\_\_ Return to you

MESSAGE: Please call or write to let me know if the certificates are satisfactory of if you have any questions. Thanks!

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California, 95450-9998  
Larry Olund, 6023 College Avenue, Oakland, California 95613  
Lester Feldman, Regional Water Quality Control Board-San Francisco Bay,  
2101 Webster St., Suite 500, Oakland, California 94612  
Scott Seery, ACDEH, 80 Swan Way, Room 200, Oakland, CA 94621

C:\SHELL\OAKCOLLE\618T1MA3

# Certificate of Insurance

<b>Agency Name and Address:</b> Professional Practice Insurance Brokers 10 California Street Redwood City, CA 94063-1513 (415) 369-5900	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED THE POLICIES LISTED BELOW.
<b>Insured's Name and Address:</b> WEISS ASSOCIATES 5500 Shellmound Suite 100 Emeryville, CA 94608	<b>Companies Affording Coverage</b> Company A -- TRANSAMERICA INSURANCE COMPANY Company B -- FIREMAN'S FUND INSURANCE COMPANY Company C -- ASSOCIATED INDEMNITY CORPORATION Company D -- PLANET INSURANCE COMPANY (ECS)

**COVERAGES:** THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES.

CO. LTR.	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFEC. DATE	POLICY EXPIR. DATE	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> Comml. Gen. Liability <input type="checkbox"/> Claims Made <input checked="" type="checkbox"/> Occurrence <input type="checkbox"/> Owner's & Contractors Protective. <input type="checkbox"/>	T+ 30839066	04/08/92	04/08/93	General Aggregate <span style="float: right;">\$ 2,000,000</span>
					Products-Com/Ops Agg. <span style="float: right;">\$ 1,000,000</span>
					Personal & Adv. Injury <span style="float: right;">\$ 1,000,000</span>
					Each Occurence <span style="float: right;">\$ 1,000,000</span>
					Fire Damage any one fire <span style="float: right;">\$ 50,000</span>
					\$
A	<b>AUTO LIABILITY</b> <input checked="" type="checkbox"/> Any Automobile <input type="checkbox"/> All owned autos <input type="checkbox"/> Scheduled autos <input type="checkbox"/> Hired autos <input type="checkbox"/> Non-owned autos <input type="checkbox"/> Garage liability <input type="checkbox"/>	CA31914532	04/08/92	04/08/93	Combined Single Limit <span style="float: right;">\$ 1,000,000</span>
					Bodily Injury per person <span style="float: right;">\$</span>
					Bodily Injury per accident <span style="float: right;">\$</span>
					Property Damage <span style="float: right;">\$</span>
B	<b>EXCESS LIABILITY</b> <input checked="" type="checkbox"/> Umbrella Form <input type="checkbox"/> Other than Umbrella Form	XEC00031543036	04/08/92	04/08/93	Each Occurrence <span style="float: right;">\$</span> Aggregate <span style="float: right;">\$ 4,000,000</span>
C	<b>WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY</b>	809WZP80531765	07/01/92	07/01/93	Statutory Limits: Each Accident <span style="float: right;">\$ 1,000,000</span> Disease-Policy Limit <span style="float: right;">\$ 1,000,000</span> Disease-Each Employee <span style="float: right;">\$ 1,000,000</span>
D	<b>PROFESSIONAL LIABILITY POLLUTION LEGAL LIABILITY INCLUDED</b>	NTF2509379	04/08/92	04/08/93	Aggregate <span style="float: right;">\$ 1,000,000</span>

**Description of Operations/Locations/Vehicles/Restrictions/Special Items:**

All operations of the named insured. General Liability Only: Larry Olund is named as additional insured but only as respects liability arising out of the named insured's operations for Professional Services Agreement.

<b>Certificate Holder:</b>  LARRY OLUND 6023 College Ave. Oakland, CA 94618	THE AGGREGATE LIMIT IS THE TOTAL INSURANCE AVAILABLE FOR CLAIMS PRESENTED WITHIN THE POLICY FOR ALL OPERATIONS OF THE INSURED. <b>CANCELLATION:</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS' WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO LIABILITY OR OBLIGATION ON THE INSURANCE COMPANY, ITS AGENTS OR REPRESENTATIVES.
	Authorized Representative: <span style="float: right;">Date: 3/2/93:ns</span> <div style="text-align: center; margin-top: 10px;"> </div>

**Additional Insured  
(Designated Person  
or Organization)  
Endorsement**

---

*This endorsement changes the policy. Please read it carefully.*

Insured: Weiss Associates

Policy Number: T+30839066

## Section II - Your Liability Coverage

### SCHEDULE

Name of Person or Organization:

Larry Olund

Location of Covered Operations:

Professional Services Agreement

Who is An Insured is amended to include as an insured the person or organization designated in the schedule as an additional insured but only with respect to liability arising out of your operations or premises, owned by or rented to you.

**CANCELLATION:** Should this policy be cancelled before the expiration date thereof, Transamerica will mail 30 days' written notice to the additional insured named above except in the event of cancellation for non-payment of premium in which case 10 days' notice will be given.



---

Authorized Representative Signature




THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## POLICY CHANGES

Policy Change  
Number \_\_\_\_\_

POLICY NUMBER  T+30839066	POLICY CHANGES EFFECTIVE  3/1/93	COMPANY  Transamerica Insurance Company
NAMED INSURED  Weiss Associates		AGENT  Professional Practice Insurance Brokers, Inc. 10 California Street Redwood City, CA 94063-1513
COVERAGE PARTS AFFECTED  General Liability		
CHANGES  Additional Insured is added per Form C-14994-A  Additional Premium: <u>Included</u>		

  
Authorized Representative Signature

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



Post-It™ brand fax transmittal memo 7671 # of pages ▶ 3	
To David Elias	From S. SEERY
Co. Weiss Assoc	Co. ACHS
Dept.	Phone #
Fax # 547-5043	Fax #

STID 3719

October 28, 1992

Mr. Dan Kirk  
Shell Oil Company  
P.O. Box 5278  
Concord, CA 94520-9998

UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: SHELL SERVICE STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Mr. Kirk:

This office is in receipt and has completed review of the October 12, 1992 Weiss Associates (WA) subsurface work plan describing the proposed scope of work for the continued off-site environmental investigation associated with the referenced site. This most recent WA work plan was submitted in response to the September 24, 1992 correspondence from this office.

The October 12, 1992 WA work plan has been accepted with the following conditions:

- 1) Proposed locations for initial soil borings advanced on the adjoining Olund property appear appropriate. Please bear in mind, however, that the purpose for these borings is to define the limit of subsurface contamination associated with the release at the referenced Shell site. Should one or more of the proposed borings advanced at the adjoining property identify the presence of significant subsurface soil contamination, additional "step-out" borings are to be advanced to the point where the contamination limit is reasonably delineated. In terms of "time and material" costs, it is strongly suggested that, should additional borings appear prudent, such work commence while the drill rig is already mobilized at the site.
- 2) All soil samples chosen for analyses from borings advanced during this phase of the investigation, are to be analyzed for the complete suite of compounds identified previously under item 4 of the cited September 24, 1992 correspondence from this office.
- 3) Ground water sampling shall not occur the same day a well is drilled, constructed, or developed, no matter the well development or construction method. A minimum period of 24, and preferably 72, hours must pass between well development and the first purge/sampling sequence. However, the merit of WA's proposed well construction and development sequence appears acceptable.

Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
October 28, 1992  
Page 2 of 3

Your attention is directed to Article 11, Corrective Action Requirements, of Title 23, California Code of Regulations (CCR), beginning with Section 2720. This phase of the investigation essentially meets the requirements of a soil and water investigation (SWI) pursuant to Section 2724 et seq. of this article. As a reminder, information obtained during the investigation is to be used to propose a Corrective Action Plan (CAP), which shall include, among other elements, the following:

- o **assessment of the impacts** in accordance with Sec. 2725(e), 23CCR
- o **feasibility study** in accordance with Sec. 2725(f), 23CCR
- o **applicable cleanup levels** in accordance with Sec. 2725(g), 23CCR
- o **proposed schedule** for completion of proposed actions

Shell Oil Company, as well as the consultant's project manager responsible for making the day-to-day calls in the field, should keep in mind that the purpose of all tasks associated with this investigation are meant to be interconnected: the results of each aspect of the investigation are the underpinnings of those following. No one task is to be considered independent of another. Each is a step towards the goal of site investigation and restoration, and it is from this perspective Shell and their agents should be viewing this project.

Shell is solely responsible for complying with the laws and regulations of the state. The laws and regulations which address the issue of site investigations and cleanup, in addition to the ground water protection requirements of the San Francisco Bay RWQCB Basin Plan, are clear. Hence, Shell ultimately bears the burden for deciding when, where, or if the scope of work must be expanded to meet their regulatory responsibilities.

Please keep this office closely informed as work progresses, particularly during that portion of the investigation occurring at the adjoining Olund property, so that we may assist Shell with their responsibility in determining the next best appropriate action.

Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
October 28, 1992  
Page 3 of 3

Please contact me when the access agreement between Mr. Olund and Shell Oil Company has been signed and work is scheduled to begin. I may be reached at 510/271-4530, or -4320.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency director  
Gil Jensen, Alameda County District Attorney's Office  
Rich Hiatt, RWQCB  
Larry Olund  
Montrose Property Management  
Joseph Theisen, Weiss Associates  
Ed Howell - files

Shell Oil Company



P. O. Box 5278  
Concord, CA 94520-9998  
(510) 675-6165

92 SEP 28 11:09

September 28, 1992

Mr. Scott O. Seery  
Alameda County Health Care Services  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: September 24, 1992 letter regarding  
Shell Station, 6039 College Avenue

Dear Mr. Seery:

I just received your letter in which you requested that a map be submitted within 15 days from the date of your letter. Mr. Kirk is out of town on vacation until October 5. Therefore, to adequately respond to your request, Shell respectfully requests an extension to October 23, 1992 (15 days after Mr. Kirk's return).

Should you have any further questions during his absence, please feel free to contact me at (510) 675-6170.

Very truly yours,

A handwritten signature in cursive script that reads "F. Kurt Miller".

F. Kurt Miller, P.E.  
Area Environmental Engineer

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 3719

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

September 24, 1992

Mr. Dan Kirk  
Shell Oil Company  
P.O. Box 5278  
Concord, CA 94520-9998

RE: SHELL SERVICE STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Mr. Kirk:

This letter follows Tuesday's (September 22) telephone conversation and my review of the September 14, 1992 Weiss Associates (WA) work plan submitted in response to the August 19, 1992 correspondence from this office. This work plan is the second in a series of such plans and, to date, the third WA document to be submitted on Shell's behalf following the initial June 2, 1992 request from this office that the scope of the environmental investigation be expanded at this site.

WA's first document, dated June 30, 1992, was submitted in response to the Department's June 2 request for additional work at the site. This WA document concluded that no additional assessment was required, and that the "vertical" extent of contamination was fully defined. No mention of the adequacy of horizontal delineation was discussed.

In a subsequent letter from this office dated July 20, 1992, the Department outlined those areas proximal to the site which were not yet adequately evaluated for impacts associated with the releases from the underground storage tanks at this site: specifically, soil and ground water in the area southeast through west of well MW-4. Further, the requirement to evaluate potential impacts to the adjoining property to the south was indicated.

In response, WA submitted a limited work plan dated August 17, 1992. No permanent off-site wells were proposed downgradient (west-to-southwest) of the site, only temporary soil borings and grab water samples. All borings were to be destroyed following the collection of these one-time samples. The proposal went on to indicate that should dissolved hydrocarbons be discovered beneath Claremont Avenue "...WA will evaluate the need for a crossgradient well west of the site." This work plan was not accepted based on its limited scope. No assessment of the Olund property to the south was proposed.

Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
September 24, 1992  
Page 2 of 5

Following review of the August 17 WA work plan, we discussed by telephone *in detail* on August 19 why the referenced work plan was unacceptable as submitted. We discussed the need for permanent off-site well points to verify gradient and continually monitor for the presence of contaminants in ground water. We also discussed the rationale behind the Department's requirement for assessment of the Olund property: up to 110,000 parts per million of petroleum-based contaminants were discovered in soil between a depth of 15 and 23 feet below grade in those wells and borings advanced on the Shell site directly adjacent to the Olund property. The extent that this contamination has impacted the Olund property has not been evaluated, a task Shell is required to fulfill. You described the difficulty Shell had experienced in the past gaining access to the Olund property. I indicated that I would try to contact Mr. Olund to assist Shell in accessing the property.

The outcome of our discussion was memorialized in the August 19, 1992 correspondence from this office. This letter **specifically** defined the areas needing further evaluation, as we discussed earlier that day. Further, this letter also advised Shell that the information gathered by this investigation is to be used in the development of a viable Corrective Action Plan (CAP), pursuant to Article 11, Title 23, California Code of Regulations.

In the wake of a telephone conversation I shared with Mr. Olund, Mr. Gerard Glass, Mr. Olund's attorney, submitted a letter dated September 1, 1992, indicating that Mr. Olund was ready and willing to cooperate with the Department in the investigation. You confirmed during our telephone conversation September 22 that you had received a copy of this letter.

WA's latest work plan, dated September 14, 1992, submitted in response to the Department's August 19 letter, still fails to meet the required objectives. During our September 22 conversation, we (again) discussed the rationale behind the required scope work at the site. As we further discussed, the Department will accept the September 14 work plan **only** under the conditions presented below:

- 1) An access agreement shall be entered into by Shell Oil Company and Mr. Olund or his agent to allow Shell to access the referenced Olund property, 6074 and 6076 Claremont Avenue, Oakland, to investigate soil and ground water underlying that site.

Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
September 24, 1992  
Page 3 of 5

- 2) A minimum of three (3) borings, the locations of which are to be approved by this Department **in advance of initiating work**, are to be advanced into the referenced Olund property in locations adequately spaced and appropriately placed as to clearly define the extent of subsurface soil contamination underlying this site. Should significant soil contamination be discovered in any of these borings, a decision will be made **by this Department** whether one or more of these borings should be completed as ground water/vapor extraction or monitoring wells.

**Please submit a map showing the locations of the proposed borings, and the locations of structures and other improvements on this site.**

- 3) Soil samples shall be collected from all borings, including those completed as monitoring wells, at a minimum 5 foot intervals, significant changes in lithologies, and where field screening techniques (e.g., PID/OVA, odors, staining, etc.) indicate the presence of contamination. **All** samples exhibiting "hits" during field screening shall be analyzed. Should field screening techniques fail to identify contamination in a given boring, that sample collected from the saturated/ unsaturated interface zone will be analyzed.
- 4) Soil samples submitted for analysis shall be analyzed for the following suite of compounds:
- o TPH as gasoline and diesel (DHS/LUFT method)
  - o Total oil and grease (Method 5520 series)
  - o BTEX (Method 8020 or 8240)
  - o Semivolatile organic compounds (Method 8270)
- 5) Water samples collected from all new wells, including "grab" samples, in addition to all future samples collected from current wells MW-3 and -4, shall adhere to the suite of analytes described in item 4, above. A reduction in target compounds being sought will be based on the results of analyses over the next several monitoring events. Please note that semivolatile organic compounds have never been sought, contrary to RWQCB requirements for waste oil tank investigations.



Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
September 24, 1992  
Page 4 of 5

- 6) Well seals are to be allowed to set up a minimum of 72 hours prior to development should mechanical development methods be used. Purging/sampling shall not occur for a minimum of 24 hours, and preferably 72 hours, after well development.

Additionally, in review of the documents submitted since this investigation began in 1990, the following omissions were noted:

- A) Initial and stabilized depths-to-water (DTW) encountered in well borings MW-1 through -5 are not clearly defined in the provided boring logs. Please submit any other data that may clarify this information.
- B) Copies of laboratory report sheets and sample chain-of-custody forms are missing in reports documenting the initial results for samples collected from borings B-1 through -6 and wells MW-1 through -5. Please submit this information.

Please submit the boring location map for the Olund property requested in item 1, above. This map is expected within 15 days of the date of this letter. Upon approval from this office, work may commence at that site, provided, of course, Shell has entered into an access agreement with Mr. Olund or his agent. The Department expects that such an agreement will be signed by both affected parties within 30 days of the date of this letter. Shell shall supply this office with a copy of the signed agreement as soon as it has been finalized.

The information requested in items A and B, above, shall be submitted in a timely fashion.

Please call me at 510/271-4530 should you have any additional questions.

Sincerely,

  
Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Env. Health  
Gil Jensen, Alameda County District Attorney's Office

Mr. Dan Kirk  
RE: 6039 College Avenue, Oakland  
September 24, 1992  
Page 5 of 5

cc: (con't.)

Rich Hiatt, RWQCB  
Aaron Stewart, Claremont Sheetmetal  
Larry Olund  
Joseph Theisen, Weiss Associates  
Ed Howell - files

# 3719

**GERARD J. GLASS**

ATTORNEY AT LAW

201 D/A FINANCIAL BUILDING  
THREE ALTARINDA ROAD  
ORINDA, CALIFORNIA 94563-2601

TELEPHONE (510) 254-7893

TELEFAX (510) 254-3259

92 SEP -2 11 2:32

September 1, 1992

Scott O. Seery,  
Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Re: Shell Service Station, 6039 College Ave, Oakland  
Olund, Larry 92615

Dear Mr. Seery:

I represent Larry Olund owner of the premises at 6074 and 6076 Claremont, Oakland, the subject of your recent August 19, 1992 letter to Mr. Dan Kirk at Shell Oil.

This is to advise that Mr. Olund is ready and willing to cooperate in every reasonable respect with your Agency at the subject site.

As you may know, prior to this time Mr. Olund was unable to provide his cooperation because he was involved in a construction project.

If you have any questions or comments please call.

Thank you for your courtesy and cooperation.

Very truly yours,

  
GERARD J. GLASS

GJG:dll

cc: Dan Kirk, Shell Oil Co.  
Gil Jensen, District Attorney's Office  
(Alameda County)  
Aaron Stewart, Claremont Sheetmetal  
Larry Olund

Shell Oil Company



P. O. Box 5278  
Concord, CA 94520-9998  
(510) 675-6165

~~675-6165~~  
675-6168  
D. T. Kirk

AUGUST 25, 1992

ALAMEDA COUNTY HEALTH CARE SERVICES  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, RM. 200  
OAKLAND, CA 94621  
ATTN: SCOTT O. SEERY

SUBJECT: SHELL SERVICE STATION  
6039 COLLEGE AVE.  
BERKELEY, CA 94618

Dear Mr. Seery:

I have reviewed your letter of August 19, 1992. I was in receipt of your letter on August 25, 1992. Due to the short request for response, I am respectfully requesting an extension to September 21, 1992. This will give me time to review the data Shell has for this site and adequately respond to your request.

Thank you,

*D. T. Kirk*

D. T. Kirk  
Environmental Engineer  
Shell Oil Co.

cc: Rich Hiett, RWQCB  
Joseph P. Theisen, Weiss Associates

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

August 19, 1992

STID 3719

Mr. Dan Kirk  
Shell Oil Company  
P.O. Box 5278  
Concord, CA 94520-9998

RE: SHELL SERVICE STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Mr. Kirk:

This letter follows today's telephone conversation and my reconnaissance of the subject site. As we discussed, the August 17, 1992 Weiss Associates (WA) work plan does not adequately address the scope of work requested by this department for the continued evaluation of soil and ground water contamination associated with the release or releases at the subject site. **The scope of this required additional work was outlined in correspondence from this department dated July 20, 1992.**

At this time, please submit an amended work plan which addresses the following points:

- 1) A **appropriate** number of permanent well points are to be installed west/southwest of MW-3 to continually evaluate ground water gradients and detect the presence of contamination.
- 2) Soil borings are to be advanced south, southwest and southeast of well MW-4 to evaluate the extent of contamination extending onto the adjoining property. One or more of these borings should be considered for conversion into monitoring wells.

As we further discussed, the property directly south of the subject site is not Claremont Sheetmetal as I had originally understood through my reading of the reports submitted to date. The property adjoining the site actually lies between the Shell station and Claremont Sheetmetal. Structures on this site have the street addresses of 6074 and 6076 Claremont Avenue.

**This amended work plan will be expected within 15 days of the date of this letter.** Please copy this department and RWQCB on any correspondence between Shell and the adjoining property owner regarding access for the installation of the requisite borings.

Mr. Dan Kirk  
RE: Shell Station, 6039 College Avenue, Oakland  
August 19, 1992  
Page 2 of 2

Please recognize that the focus of this investigation is to evaluate the extent of contamination at this and adjoining sites. Such information is to be used to devise the best means to affect a timely and cost effective cleanup, both soil and ground water. Plume control and product recovery should be at the top of Shell's list of priorities. Data gaps standing in the way of these goals must be identified and addressed quickly in route to the development of a Corrective Action Plan (CAP), required pursuant to Article 11 of Title 23, California Code of Regulations.

Please call me or Tom Peacock at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director  
Gil Jensen, Alameda County District Attorney's Office  
Rich Hiett, RWQCB  
Aaron Stewart, Claremont Sheetmetal  
Larry Olund, 6023 College Avenue, Oakland 94613

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

RAFAT A. SHAHID, Assistant Agency Director

July 20, 1992

STID # 3719

Mr. Dan Kirk  
Shell Oil Company  
P.O. Box 5278  
Concord, CA 94520-9998

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

RE: SHELL SERVICE STATION, 6039 COLLEGE AVENUE, OAKLAND

Dear Mr. Kirk:

The Department is in receipt of the June 30, 1992 Weiss Associates (WA) letter report summarizing and interpreting the results of the environmental investigation performed to date at the referenced site. The cited WA letter report, submitted on Shell Oil Company's behalf, was in response to a June 2, 1992 request from Mr. Tom Peacock of this office that the environmental investigation at this site be expanded.

Mr. Peacock, following a review of this case which included the May 20, 1992 WA First Quarter 1992 sampling report, concluded that the vertical and horizontal extent of both soil and ground water contamination at this site had not been fully characterized. Unfortunately, the words "and horizontal" were inadvertently omitted from the cited June 2 correspondence. We apologize for this oversight if this omission prompted the WA rebuttal to the Department's request for further work.

However, review of the data generated since the investigation began in January 1990 clearly indicates that the extent of soil and ground water contamination stemming from the unauthorized release(s) at this site has not been adequately defined, particularly to the west and southwest of the site. Harding Lawson Associates (HLA) first realized the need for additional work following the completion of the initial six (6) borings and three (3) monitoring wells at the site. The results of this work were documented in their April 13, 1990 report.

In this report, **severe** (up to 110,000 parts per million [ppm] of total petroleum hydrocarbons [TPH]) latent soil contamination was discovered in the 19-23 foot depth of borings B-3 and -6, and the 15-21 foot depth of wells MW-3 and -4. Significant (170 ppm) TPH was discovered at the 18.5 foot depth of boring B-4, advanced through the area of the 1957-era pump islands. Both MW-3 and B-4 are at the western edge of the site, fronting along Claremont Avenue. Ground water was initially encountered at depths ranging from 16-18 feet below grade (BG).

Mr. Kirk  
RE: Shell Station, 6039 College Avenue  
July 20, 1992  
Page 2 of 3

Ground water sampled from three of the four wells, particularly wells MW-3 and -4, was also significantly impacted, as evidenced by benzene levels up to 320 parts per billion (ppb) in MW-3, and TPH as gasoline up to 4,700 ppb (MW-3).

As a result of this initial data, HLA proposed to construct two (2) additional wells on the adjoining property, south and southwest of the current underground storage tank (UST) location and area of the most severe soil contamination (B-3/MW-3,-4). The report indicated that these wells would be installed during the second quarter of 1990.

The July 10, 1990 HLA second quarter 1990 report again documented the high concentrations of dissolved petroleum hydrocarbon compounds in ground water (up to 40,000 ppb TPH), particularly in those two wells south and west of the current UST pit, MW-3 and -4. The report concluded by proposing the installation of not two, but three (3) wells: an additional well was to be sited at the western edge of Claremont Avenue, approximately 90 feet west of the present UST pit. The report proposed that all three wells would be installed during the next quarter.

This three-well proposal would appear again in the next three HLA quarterly reports (October 12, 1990; January 9 and April 9, 1991). This HLA well installation proposal was never implemented, even though the scope of work was approved by this Department on December 2, 1990.

The July 1, 1991 HLA second quarter 1991 report concludes by modifying the original (and approved) scope of work proposed in the four previous HLA reports, proposing instead the installation of not three, but one (1) off-site well. This well was to be installed during the subsequent (3rd) quarter, and be constructed approximately 60 feet southwest of the subject site, on property apparently owned and operated by Claremont Sheetmetal.

The October 10, 1991 HLA third quarter 1991 report (revised October 22, 1991) indicates that this off-site well, designated MW-5, was eventually installed approximately 80 feet southwest of the site on the Claremont Sheetmetal property. Minor soil contamination was discovered in soil sampled at the 16 foot depth. Detectable concentrations (80 ppb) of TPH were also found in ground water initially sampled from this well. Subsequent analyses of ground water collected from this well during March 1992 have been nondetectable for target compounds.



Mr. Dan Kirk  
RE: Shell Station, 6039 College Avenue  
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Page 3 of 3

Review of historical ground water gradient information, compiled from eight elevation measurements collected between February 1990 and March 1992, indicates that, although gradient has been shown to be primarily to the southwest, there is a strong westerly component to the flow.

Such gradient data, in addition to the soil and ground water sampling data accumulated to date, strongly support the need to extend the scope of the ground water and soil investigation to the west and southwest of boring B-4 and well MW-3. Further, additional soil borings are needed south, southwest and southeast of MW-4 to fully evaluate the extent of soil contamination extending onto the adjoining property. Such borings should be at a moderate distance from MW-3 (<40 feet).

At this time, pursuant to Section 2720 et seq. of Article 11, Title 23, California Code of Regulations, you are hereby directed to submit a work plan tailored to meet the objectives cited above. Data generated during the implementation of this work plan will be used by Shell to propose a Corrective Action Plan (CAP). The CAP shall include, among other elements, those listed in Section 2725(d) et seq. of 23CCR.

The cited work plan is due within 30 days of the date of this letter, or by the close of business on August 19, 1992.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this Department or the RWQCB.

Please call the undersigned or Mr. Peacock at 510/271-4530 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Env. Health  
Gil Jensen, Alameda County District Attorney's Office  
Tom Peacock, LOP, ACDEH  
Rich Hiett, RWQCB  
Sandra Malos, SWRCB  
Claremont Sheetmetal, 6066 Claremont Ave., Oakland

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resources Control Board  
Division ● Clean Water Programs  
UST Local Oversight Program

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

June 2, 1992

Dan Kirk  
Shell Oil Company Corp.  
P.O. Box 5278  
Concord, CA 94520-9998

Re: 6039 College Ave., Oakland, 94618  
STID # 3719

Dear Mr. Kirk:

This office has reviewed the First Quarter 1992 Activities as described in a report dated May 20, 1992 by Weiss Associates. It is surprising that fuel had to be bailed from MW4 (1/2"). There was also significant contamination in MW3. This would indicate that the **verticle** extent of contamination has not been defined, specifically to the west and the southeast of the areas of contamination.

You did not mention in this report any change in the current activities. You must do further investigation to define the extent of contamination. Please submit a proposal within 30 days on how to broaden the area of investigation to adequately define the contaminated zone. This may be done concurrently with you Second Quarter report.

If you have any questions please contact this office, at 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS  
Hazardous Material Division

cc: Lester Feldman, RWQCB

*file*



92 MAY 21 9 08

**TRANSMITTAL LETTER**

**FROM:** J. Michael Asport

**DATE:** May 20, 1992

**TO:** Tom Peacock  
Alameda County Department of  
Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**VIA:**  X  First Class Mail  
\_\_\_\_\_ Fax \_\_\_\_\_ pages  
\_\_\_\_\_ UPS (Surface)  
\_\_\_\_\_ Federal Express  
\_\_\_\_\_ Courier

**SUBJECT:** Shell Service Station  
WIC #204-5508-3301  
6039 College Avenue  
Oakland, California

**JOB:** 81-618-01

**AS:** \_\_\_\_\_ We discussed on the telephone on \_\_\_\_\_  
\_\_\_\_\_ You requested \_\_\_\_\_  
\_\_\_\_\_ We believe you may be interested  
 X  \_\_\_\_\_ Is required

**WE ARE SENDING:**  X  Enclosed  
\_\_\_\_\_ Under Separate Cover Via \_\_\_\_\_

Quarterly Status Report

**FOR:** \_\_\_\_\_ Your information  
 X  \_\_\_\_\_ Your use  
\_\_\_\_\_ Your review & comments  
\_\_\_\_\_ Return to you

**PLEASE:**  X  Keep this material  
\_\_\_\_\_ Return within 2 weeks  
\_\_\_\_\_ Acknowledge receipt

**MESSAGE:** Please call if you have any questions.

**cc:** Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California 94520-9998  
Tom Callaghan, Water Quality Control Board, San Francisco Bay Region, 2101  
Webster Street, Suite 500, Oakland, CA 94612

SHELL OIL CORPORATION

QUARTERLY REPORT TO

THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

Date of Report: April 20, 1992

Service Station WIC Number:

204-5508-3301

Site Address (Number, Street):

6039 College Avenue

City:

Oakland

County:

Alameda

---

**Actions in the past three months:**

Collected 1st quarter ground water samples and submitted 1st quarter monitoring report.

**Actions planned for next three months:**

Submit 2nd quarter monitoring report.

Soil Contamination defined? Y\N

N

Soil Clean-up in progress? Y\N

N

Free-product plume defined? Y\N

Y

Free-product cleanup in progress? Y\N

N

Dissolved constituent plume defined? Y\N

Y

Dissolved constituent cleanup in progress? Y\N

N

Contractor: Weiss Associates, Emeryville, California.

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Property Owner: Montrose Indemnity Co. Inc.  
242 Rivera Cr. Larkspur  
CA 94939

DATE: 2/28/92  
TO : Local Oversight Program

FROM: Juliet Shin

SUBJ: Transfer of Eligible Oversight Case  
re. Jack Bradstreet Engineering

(Attn: Diane Lundquist  
Myra Newson  
Shell Oil Co.)

Site name: Shell Service Station  
P.O. Box 5278 Concord CA 94520  
P.O. Box 4023 Concord 94524

Address: 6039 College Avenue city Oakland zip 94618

Closure plan attached? Y  N DepRef remaining \$ 30.75

DepRef Project # 502 STID #(if any) 3719

Number of Tanks: 1 removed?  Y  N Date of removal 1987 (waste oil tank)

Leak Report filed?  Y  N Date of Discovery 9/6/89

Samples received?  Y  N Contamination: G.W / soil

Petroleum  Y  N Types: Avgas Jet leaded ~~unleaded~~ Diesel  
fuel, oil waste oil kerosene solvents

Monitoring wells on site 4 Monitoring schedule?  Y  N

Briefly describe the following:

Preliminary Assessment Qtrly. Monitoring Reports

Remedial Action NA

Post Remedial Action Monitoring NA

Enforcement Action NA

Comments: In February 1990, 320 ppm of Benzene and 4,700 <sup>ppm</sup> TPH as gasoline was identified from groundwater samples collected from the site. Concentrations of BTEX and TPH have been consistently going down since February 1990. However, it appears that no remediation has been done at the site. It seems that cleanup is just going to wait until concentrations naturally go down to ND. They have, however, proposed to install two additional wells.

WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM  
SITE SPECIFIC QUARTERLY REPORT  
01/01/92 THROUGH 03/31/92

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
StID : 3719  
SITE NAME: Shell Service Station      DATE REPORTED : 09/06/89  
ADDRESS : 6039 College Ave.      DATE CONFIRMED: 09/06/89  
CITY/ZIP : Oakland      94618      MULTIPLE RPs : Y

SITE STATUS  
-----

CASE TYPE: G	CONTRACT STATUS: 3	EMERGENCY RESP:
RP SEARCH: S		DATE COMPLETED: 03/06/92
PRELIMINARY ASMNT: U	DATE UNDERWAY: 04/13/90	DATE COMPLETED:
REM INVESTIGATION:	DATE UNDERWAY:	DATE COMPLETED:
REMEDIAL ACTION:	DATE UNDERWAY:	DATE COMPLETED:
POST REMED ACT MON:	DATE UNDERWAY:	DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 03/06/92  
LUFT FIELD MANUAL CONSID: 2, HSCAWG  
CASE CLOSED:      DATE CASE CLOSED:  
DATE EXCAVATION STARTED :      REMEDIAL ACTIONS TAKEN: UK

RESPONSIBLE PARTY INFORMATION  
-----

RP#1-CONTACT NAME:  
COMPANY NAME: Montrose Investment Co., inc.  
ADDRESS: 242 Rivera Cr.  
CITY/STATE: Larkspur , Ca 94939

---

RP#2-CONTACT NAME: Mr. Ray Newsome  
COMPANY NAME: Shell Oil Co.  
ADDRESS: P.o. Box 4023  
CITY/STATE: Concord, Ca 94524

---

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

December 7, 1990

Mr. Ray Newsome  
Shell Oil Company  
P.O. Box 4023  
Concord, CA 94524

**RE: Shell Station, 6039 College Ave., Oakland, CA**

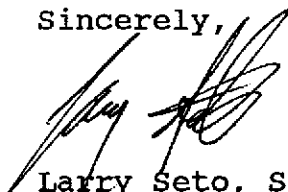
Dear Mr. Newsome:

I have reviewed your "Quarterly Technical Report", that was prepared by Harding Lawson Associates. I concur with the recommended activities for the fourth quarter as proposed by your consultant.

Please submit a deposit/refund check for \$375.00, made payable to the County of Alameda, that will be used to compensate this office for the time we spend working on this site.

If you have any questions, please contact me at 271-4320.

Sincerely,

  
Larry Seto, Senior,  
Hazardous Materials Specialist

LS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and  
Environmental Protection Agency

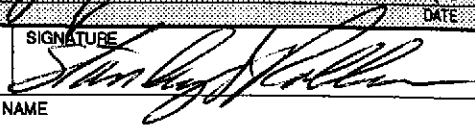
RWQCB

Howard Hatayama, DOHS

Rafat A. Shahid, Assistant Agency Director, Environmental Health  
Files

9/26/89 Av

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

<b>EMERGENCY</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO		<b>FOR LOCAL AGENCY USE ONLY</b> I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 251807 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Stanley J. Roller</u> DATE: <u>9/26/89</u>		
<b>REPORT DATE</b> 0 <u>9</u> M 0 <u>5</u> D 8 <u>9</u> Y		<b>CASE #</b>				
<b>REPORTED BY</b>	<b>NAME OF INDIVIDUAL FILING REPORT</b> Stanley J. Roller		<b>PHONE</b> Ext. 145 (415) 676-1414		<b>SIGNATURE</b> 	
	<b>REPRESENTING</b> <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		<b>COMPANY OR AGENCY NAME</b> Shell Oil Company			
	<b>ADDRESS</b> 1390 Willow Pass Rd. STREET Concord CITY CA STATE 94520 ZIP					
<b>RESPONSIBLE PARTY</b>	<b>NAME</b> Shell Oil Company <input type="checkbox"/> UNKNOWN		<b>CONTACT PERSON</b> Stanley J. Roller		<b>PHONE</b> Ext. 145 (415) 676-1414	
	<b>ADDRESS</b> 1390 Willow Pass Rd. STREET Concord CITY CA STATE 94520 ZIP					
<b>SITE LOCATION</b>	<b>FACILITY NAME (IF APPLICABLE)</b> Shell Station		<b>OPERATOR</b> Jack & Susan Ripsteen		<b>PHONE</b> 428-9620 (415)	
	<b>ADDRESS</b> 6039 College Ave. STREET Oakland CITY Alameda COUNTY 94618 ZIP					
	<b>CROSS STREET</b> Claremontg		<b>TYPE OF AREA</b> <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		<b>TYPE OF BUSINESS</b> <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER	
	<b>LOCAL AGENCY</b>		<b>AGENCY NAME</b> Alameda County Environmental Health		<b>CONTACT PERSON</b> Rafat Shahid	
<b>REGIONAL BOARD</b>		<b>PHONE</b> (415) 271-4320		<b>PHONE</b> ( )		
<b>SUBSTANCES INVOLVED</b>	(1) NAME Gasoline (Shell SU-2000)		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN			
	(2)		<input type="checkbox"/> UNKNOWN			
<b>DISCOVERY/ABATEMENT</b>	<b>DATE DISCOVERED</b> 0 <u>9</u> M 0 <u>5</u> D 8 <u>9</u> Y		<b>HOW DISCOVERED</b> <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>Visual</u>			
	<b>DATE DISCHARGE BEGAN</b> <input checked="" type="checkbox"/> UNKNOWN		<b>METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)</b> <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER <u>Replace Check Valve</u>			
	<b>HAS DISCHARGE BEEN STOPPED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, DATE <u>8</u> M <u>9</u> M 0 <u>6</u> D 8 <u>9</u> Y					
	<b>SOURCE OF DISCHARGE</b> <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input checked="" type="checkbox"/> OTHER (Sub Pump)		<b>TANKS ONLY CAPACITY</b> <u>10,000</u> GAL. AGE <u>11</u> YRS <input type="checkbox"/> UNKNOWN		<b>MATERIAL</b> <input checked="" type="checkbox"/> FIBERGLASS Single <input type="checkbox"/> STEEL Walled <input type="checkbox"/> OTHER	
<b>CAUSE(S)</b> <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER						
<b>CASE TYPE</b>	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
<b>REMEDIAL ACTION</b>	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)					
	<input type="checkbox"/> CAP SITE (CD)		<input type="checkbox"/> EXCAVATE & DISPOSE (ED)		<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	
	<input type="checkbox"/> CONTAINMENT BARRIER (CB)		<input type="checkbox"/> EXCAVATE & TREAT (ET)		<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)	
<input type="checkbox"/> TREATMENT AT HOOKUP (HU)		<input type="checkbox"/> NO ACTION REQUIRED (NA)		<input checked="" type="checkbox"/> OTHER (OT) <u>Further Investigation</u>		
<b>COMMENTS</b>	Further investigation of control being done and the extent of any contamination being investigated (slight weepage found at Shell SU-2000 sub pump).					