

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 10, 2006

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

Subject: Fuel Leak Case No. RO0000254, Shell #13-5266, 1800 Powell Street, Emeryville, CA

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the report entitled, "Subsurface Investigation Report," dated June 12, 2006 and prepared on Shell's behalf by Cambria Environmental Technology, Inc. The "Subsurface Investigation Report," presents results from the advancement of six soil borings in April 2006. Based on the soil and groundwater sampling results from the six soil borings, the report concludes that the extent of residual soil contamination has been adequately defined and that the groundwater monitoring network provides adequate delineation of the extent of impact in reference to the primary off-site receptor, San Francisco Bay. We concur that additional investigation is not required at this time. Annual groundwater monitoring during the fourth quarter is to be continued in order to confirm the rate of natural attenuation of dissolved petroleum hydrocarbons from the release detected during 2005 upgrade activities.

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: Jerry Wickham), according to the following schedule:

- **February 15, 2007** – Annual Groundwater Monitoring Report for the Fourth 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

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.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

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.

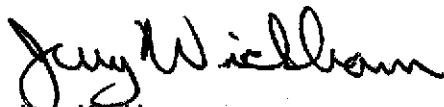
Denis Brown
July 10, 2006
Page 3

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
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 Environmental Cleanup
Oversight Programs
(LOP and SLIC)**

ISSUE DATE: July 5, 2005

REVISION DATE: May 31, 2006

PREVIOUS REVISIONS: October 31, 2005,
December 16, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

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REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of: **ftp Site Coordinator**.
- b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site

- a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
- b) Click on File, then on Login As.
- c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
- d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
- e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs

- a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
- b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
- c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SOVT
01-30-06

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

January 27, 2006

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

Subject: Fuel Leak Case No. RO0000254, Shell #13-5266, 1800 Powell Street, Emeryville, CA

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the electronic document, "Initial Site Conceptual Model," dated January 12, 2006. The Initial Site Conceptual Model includes a Proposed Work Plan with Standard Operating Procedures for Soil Borings and Well Installation. The Work Plan proposes advancing six soil borings on site and installing two groundwater monitoring wells south of the site. ACEH concurs with the proposed scope of work.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Well S-9.** A tar-like substance blocks access to monitoring well S-9. As result, well S-9 has not been sampled since 1984. The Initial Site Conceptual Model discusses the possibility of removing the tar-like substance from well S-9 to begin collecting samples from the well. ACEH does not recommend using well S-9 to monitor water quality. Due to the long-term presence of a tar-like substance in the well, the quality of samples collected from well S-9 may be compromised and the data may not representative of dissolved phase groundwater conditions.
2. **Hydrogeologic Cross Sections.** Please incorporate data from the proposed and existing soil borings into hydrogeologic cross sections that depict the lateral and vertical extent of soil layers encountered, where groundwater was first encountered in borings and the static water levels, screen intervals in the monitoring wells, observations of free product, staining, and odor, and analytical results for soil and groundwater samples. Please present the cross sections in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

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

- June 12, 2006 – Soil and Groundwater Investigation Report

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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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.

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.

Denis Brown
January 27, 2006
Page 3

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

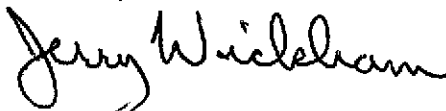
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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

Sincerely,



Jerry Wickham
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
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
9-26-05

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

September 23, 2005

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

Subject: Fuel Leak Case No. RO0000254, Shell #13-5266, 1800 Powell Street, Emeryville, CA

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Product Dispenser Sampling Report," dated February 2, 2005. The report presents the results of sampling conducted in October 2004 during station upgrade activities at the site. Total extractable petroleum hydrocarbons (TEPH) were detected in all nine soil samples collected; however, the report indicates that the TEPH analytical results are not indicative of diesel fuel. Elevated concentrations of total purgeable petroleum hydrocarbons (TPPH) were detected in two soil samples collected during station upgrade activities. ACEH requests that you submit a Work Plan to assess soil and groundwater contamination at the site. As discussed in the technical comments below, we also request that a Site Conceptual Model (SCM) be prepared for the site. The SCM should address and identify data gaps for the entire site and any off-site contamination originating from the site. Data gaps identified in the SCM should be used to develop the scope of work for the Work Plan.

We request that you address the technical comments below, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Preparation of Site Conceptual Model.** ACEH requests that you prepare a site conceptual model (SCM) for the site. The use of an electronic format for the SCM is encouraged but not mandatory. The SCM for this project shall incorporate, but not be limited to, the following:
 - a) A concise narrative discussion of the regional geologic and hydrogeologic setting. Include a list of technical references you reviewed.
 - b) A concise discussion of the on-site and off-site geology, hydrogeology, release source and history, secondary source areas, remediation status, risk assessment, plume migration, attenuation mechanisms, preferential pathways, and potential threat to downgradient receptors. The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site, including potential vertical hydraulic gradients.
 - c) Local and regional maps showing location of sources, extent of soil and groundwater contamination for appropriate depth intervals (i.e., an interpretive drawings and isoconcentration maps—not a plot of laboratory results), rose diagram of recent and historical groundwater gradients, and locations of receptors. "Receptors" include, but

are not limited to, all supply wells and surface water bodies within 2,000 feet of the source area, and all potentially impacted schools, hospitals, daycare facilities, residences, and other areas of heightened concern for vapor impact.

- d) Geologic cross-sections (parallel and perpendicular to the contaminant plume axis) which include subsurface geologic features, depth to groundwater, man-made conduits, soil boring and sampling locations, monitoring well construction, and an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results).
- e) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements.
- f) Exposure evaluation flowchart (similar to Figure 2 in ASTM's Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites) and/or a graphical SCM (similar to Figure 1 in the Central Valley Regional Water Quality Control Board's Appendix A – Reports, Tri - Regional Board Staff Recommendations For Preliminary Investigation And Evaluation Of Underground Tank Sites, 16 April 2004).
- g) Plots of chemical concentrations vs. time and vs. distance from the source. Plots should be shown for each monitoring well, which has had detectable levels of contaminants.
- h) Summary tables of chemical concentrations in each historically sampled media (including soil, groundwater and soil vapor).
- i) Boring and well logs (including construction/screening), and a summary table indicating construction specifications for each monitoring and extraction well.
- j) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
- k) Proposed activities to investigate and fill data gaps identified above.

Please report the information discussed above in your initial SCM and include it in the Work Plan requested below. Include updates to your SCM in subsequent reports.

TECHNICAL REPORT REQUEST

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

- **December 9, 2005** – Work Plan and Initial Site Conceptual Model
- **February 15, 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.

ELECTRONIC SUBMITTAL OF REPORTS

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UNDERGROUND STORAGE TANK CLEANUP FUND

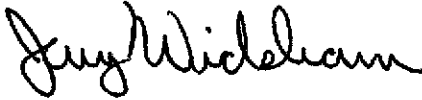
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AGENCY OVERSIGHT

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

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Ross Tinline
Toxichem Management Systems, Inc.
11 Kenton Avenue
San Carlos, CA 94070

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



October 24, 2001

STID 814 / PR0501213

Bruce Marubashi
Equilon Enterprises, LLC
3468 Claremont
Modesto, CA 95350

Cahn Du
Bay Super Shell
1800 Powell Street
Emeryville, CA 94608

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

FINAL NOTICE OF VIOLATION

Re: Inspection of Shell Station, 1800 Powell Street, Emeryville

Dear Messrs. Marubashi and Du:

As you are aware, a regulatory compliance inspection was performed at the subject facility on August 7, 2001. The purpose of the inspection was to determine compliance with conditions of the facility underground storage tank (UST) operating permit, as well as provisions of Title 23, California Code of Regulations (CCR) and California Health and Safety Code (HSC) Chapter 6.7.

In follow-up to this inspection, a Notice of Violation was issued by this office dated August 9, 2001. This Notice requested that specific steps be followed to bring your facility into compliance, and requested that you submit a Corrective Action Plan (CAP) that addressed each of the items articulated in the Notice. The Notice requested the following items:

- Correct the operation and maintenance problems identified during the 8/07/00 inspection
- Maintain copies of employee training records at the facility at all times
- Submit plans to retrofit the diesel tank with an appropriate overfill prevention system
- Confirm the presence of striker plates, or submit plans to retrofit each drop tube with gauge plates

This office is in receipt of Equilon's letter dated August 30, 2001. This letter constitutes Equilon's contribution to the CAP, and addresses many, but not all, of the requested items expected to be addressed in a comprehensive CAP. All but the third item (employee training records maintenance) was addressed completely by Equilon. We understand that that dealer, Mr. Du, was expected by Equilon to respond to the remaining item. This has not occurred.

Consequently, you continue to operate your USTs in violation of your permit.

Messrs. Marubashi and Du
Re: 1800 Powell Street, Emeryville
October 24, 2001
Page 2 of 2

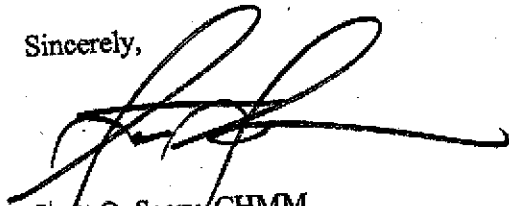
Please be advised that your permit to operate will be revoked on November 7, 2001 unless the outstanding compliance issues have been adequately addressed to the satisfaction of this office.

Permit revocation will require that your USTs be immediately voided of all product, electrical connections severed, and all dispensers secured.

Please be further advised that operation of the USTs after November 7, 2001 absent receipt of a *Return to Compliance Notice* issued from this office will constitute a violation of provisions of HSC Chapter 6.7, and 23CCR, resulting in the referral of your case to the Alameda County District Attorney's Office for civil prosecution.

Please contact 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: Susan Torrence, Alameda County District Attorney's Office
Robert Weston, ACDEH



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
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October 24, 2001

STID 814 / PR0501213

Bruce Marubashi
Equilon Enterprises, LLC
3468 Claremont
Modesto, CA 95350

Cahn Du
Bay Super Shell
1800 Powell Street
Emeryville, CA 94608

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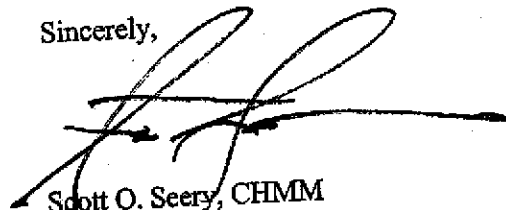
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Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Susan Torrence, Alameda County District Attorney's Office
Robert Weston, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



08-10-01

20254

August 9, 2001

STID 814 / PR0501213

Bruce Marubashi
Equilon Enterprises, LLC
3468 Claremont
Modesto, CA 95350

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Re: Inspection of Shell Station, 1800 Powell Street, Emeryville

Dear Messrs. Marubashi and Du:

A regulatory compliance inspection was performed at the subject facility on August 7, 2001. A representative of Service Station Systems, Inc. facilitated the inspection. The purpose of the inspection was to determine compliance with conditions of the facility underground storage tank (UST) operating permit, as well as provisions of Title 23, California Code of Regulations (CCR) and California Health and Safety Code (HSC) Chapter 6.7.

The following is a summary of non-compliant and other conditions noted at the time of the inspection:

- Striker plates could not be confirmed below tank openings of USTs
- Mechanical overfill protection (i.e., flow restrictor) absent on diesel UST drop tube
- Overspill bucket drain valve for diesel tank damaged
- All STP sump surface cover gaskets were missing or damaged, and bolts were either missing or threads stripped
- 87 product STP monitoring probe (Beaudreau) malfunctioned – replaced by contractor
- Employee training records were inadequate
- Monthly PLLD test reports indicate periodic back-and-forth reliance on monthly 0.2 gph tests and annual 0.1 gph tests. The UST permit calls for monthly 0.2 gph tests, only.

Messrs. Marubashi and Du
Re: 1800 Powell Street, Emeryville
August 9, 2001
Page 2 of 3

Violations of provisions of HSC and 23CCR have been identified, as follows:

- HSC Sec. 25293 – The operator of the underground tank system shall monitor the tank system using the method specified on the permit for the tank system. Records of monitoringshall be kept in sufficient detail to enable the local agency to determine whether the underground tank system is in compliance with the applicable provisions of [HSC Chapter 6.7], the regulations....., and the permit issued for the operation of the tank system.

Records documenting product line tests revealed a failure to adhere to those specified in the UST permit (monthly at 0.2 gph). This is a violation of your permit to operate the tanks at this site.

- 23CCR Sec. 2635(b)(2) – The overfill prevention system must either, in general: alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; provide positive shut-off when the tank is filled to no more than 95 percent capacity; or, provide positive shut-off of flow to the tank so that none of the fittings located on top of the tank are exposed to product.

All tanks have mechanical drop-tube flow restrictors, except for the diesel tank. During the inspection, a fuel delivery was made. This product delivery eventually triggered the Veeder-Root panel to signal an "overfill alarm" condition in the 87 product tank during product transfer from the tanker. This alarm could not be heard outside the confines of station/minimart building. Hence, the transfer driver was unaware that the alarm had triggered. Consequently, reliance on the audible/visual alarms as a means of overfill protection for the diesel tank is unacceptable. This issue was also identified during the 4/18/00 inspection of this facility.

- 23CCR Sec. 2662(d) – As of December 22, 1998, all tanks shall be fitted with striker plates or drop-tube mounted bottom protectors (gauge plates) under all tank openings.

The drop tubes were not retrofitted with gauge plates, and striker plates could not be confirmed. This issue was also identified during the 4/18/00 inspection of this facility.

Please be advised that HSC Sec. 25299(a) provides for civil liabilities imposed on the tank operator of up to \$5000 per tank per day per violation for:

- (2) Violation of any applicable requirement of the permit
- (6) Violation of any applicable requirements of HSC Chapter 6.7

Messrs. Marubashi and Du
Re: 1800 Powell Street, Emeryville
August 9, 2001
Page 3 of 3

Please be further advised that HSC Sec. 25299(b) provides for civil liabilities imposed on the tank owner of up to \$5000 per tank per day per violation for:

- (4) Knowing failure to take reasonable and necessary steps to assure compliance with HSC Chapter 6.7 by the operator
- (6) Violation of any applicable requirements of HSC Chapter 6.7

At this time, Equilon and the operator are required to correct the tank system operation and maintenance, and facility management issues identified in this inspection report, namely:

- Correct the operation and maintenance problems identified during the 8/07/00 inspection
- Maintain copies of employee training records at the facility at all times
- Submit plans to retrofit the diesel tank with an appropriate overfill prevention system
- Confirm the presence of striker plates, or submit plans to retrofit each drop tube with gauge plates.

Pursuant to HSC Sec. 25288(d), you required to submit a *Plan of Correction* **within 60 days**. This plan shall indicate the tasks to be completed, or those that have been completed already, and the schedule for doing so.

You must certify, once all the necessary repairs and other tasks have been completed, that the tank systems are in full compliance with HSC Chapter 6.7 and UST regulations. We recommend, therefore, that you employ your own inspectors and engineers to ensure that this requirement is met, and to provide the appropriate level of quality control you will likely need to make this certification.

Please contact 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: Susan Torrence, Alameda County District Attorney's Office
Robert Weston, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



PO 367, PO 495
PO 2744, PO 254
PO 2745, PO 242

July 13, 1999

ENVIRONMENTAL HEALTH SERVICES

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

Aura Mattis
HS & E Representative
Shell Oil Products
P. O. Box 8080
Martinez CA 94553

Subject: Request for underground storage tank leak detection records for first half of calendar year 1999

Dear Ms. Mattis:

The underground storage tanks (USTs) on the attached list are single wall fiberglass tanks. These tanks are required to be monitored for leaks using an automatic tank gauge. The automatic tank gauge shall test the tank at least once per month after product delivery or when the tank is filled to within 10 % of the highest operating level during the previous month and shall be capable of detecting a release of 0.2 gallon per hour.

This is a formal request for copies of the data from those monthly tests. Please submit all test data for the months of January, February, March, April, May and June of 1999. The reports shall include the calculated leak rate and leak threshold for the automatic tank gauge systems installed after January 1, 1995. Data for all USTs at each site shall be submitted within 10 days of this letter.

Additionally, a year end summary is required to be submitted no later than January 30, 2000.

If you have any questions regarding this letter please contact me at (510) 567-6781.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Weston".

Robert Weston
Sr. Hazardous Materials Specialist

enclosure

c: Tom Peacock, ACDEP

Shell Stations with Single Wall Fiberglass USTs

Alcosta Shell 8999 San Ramon Road Dublin CA 94568

Bay Super Shell 1800 Powell Street Emeryville CA 94608

Alameda Shell 1601 Webster Street Alameda CA 94501

Bayview Shell 1784 150th Avenue San Leandro CA 94578

Piedmont Shell 29 Wildwood Avenue Piedmont CA 94610

ALAMEDA COUNTY
HEALTH CARE SERVICES



5710: 814
20254

AGENCY
DAVID J. KEARS, Agency Director

Alameda County CC458U
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

July 18, 1996

Mr. Jeff Granberry
Shell Oil Products Co.
P.O. Box 4023
Concord, California 94524

RE: Groundwater Flow Study in Emeryville

Dear Mr. Granberry:

The Alameda County Department of Environmental Health, Environmental Protection Division (ACDEH) and the Department of Toxic Substances Control (DTSC) are coordinating a groundwater flow study in Emeryville, specifically in the area near the Cypress Freeway (880) reconstruction project and the EBMUD North Interceptor sanitary sewer relocation due to what appeared to be inconsistent flow directions observed at nearby sites.

The following sites under the oversight of either ACDEH or DTSC are requested to participate in this study:

Good Guys - 5800 Christie Avenue	(ACDEH)
Shellmound I, II and III - Eastshore Highway	(DTSC)
Barbary Coast - 4300 Eastshore Highway	(DTSC)
Powell Street Plaza (PIE) - 5500 Eastshore Highway	(ACDEH)
Days Inn Hotel - 1603 Powell Street	(ACDEH)
BP Oil Station - 1700 Powell Street	(ACDEH)
20254 Shell Oil Station - 1800 Powell Street	(ACDEH)
Myers Container - 4500 Shellmound Street	(DTSC)
Hacros Pigment Plant - 4650 Shellmound Street	(ACDEH)
Goldsmith Lathrop - 5813 Shellmound Street	(ACDEH)

It is necessary to coordinate / tie-in (using the same bench mark) the groundwater elevation readings of the monitoring wells at 1800 Powell Street (Shell Oil Station) with wells at the above listed sites.

Please inform your consultants that the tentative schedule for the groundwater elevation measurements for all the sites listed above will be on July 30, 1996.

If you have any questions regarding this letter, please contact me at (510) 567-6780 or Ted Park of DTSC at (510) 540-3847.

Sincerely,

Susan L. Hugo, Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman. Acting Chief, Environmental Protection / files
Ted Park, DTSC, 700 Heinz Ave., Berkeley, CA 94710-2737
Sum Arigala, San Francisco Bay RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES



~~520-334~~
~~202496~~ R0254

AGENCY
DAVID J. KEARS, Agency Director

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

July 18, 1996

Mr. Dick Herring
353 Beacon Ridge Lane
Walnut Creek, California 94502

RE: Groundwater Flow Study in Emeryville

Dear Mr. Herring:

The Alameda County Department of Environmental Health, Environmental Protection Division (ACDEH) and the Department of Toxic Substances Control (DTSC) are coordinating a groundwater flow study in Emeryville, specifically in the area near the Cypress Freeway (880) reconstruction project and the EBMUD North Interceptor sanitary sewer relocation due to what appeared to be inconsistent flow directions observed at nearby sites.

The following sites under the oversight of either ACDEH or DTSC are requested to participate in this study:

- | | |
|------------------------------------------------------------------|---------|
| <i>R02496</i> - Good Guys - 5800 Christie Avenue | (ACDEH) |
| Shellmound I, II and III - Eastshore Highway | (DTSC) |
| <i>R0431</i> - Barbary Coast - 4300 Eastshore Highway | (DTSC) |
| <i>R069</i> - Powell Street Plaza (PIE) - 5500 Eastshore Highway | (ACDEH) |
| <i>R0712</i> - Days Inn Hotel - 1603 Powell Street | (ACDEH) |
| <i>R066</i> - BP Oil Station - 1700 Powell Street | (ACDEH) |
| <i>R0254</i> - Shell Oil Station - 1800 Powell Street | (ACDEH) |
| Myers Container - 4500 Shellmound Street | (DTSC) |
| <i>R070</i> - Hacros Pigment Plant - 4650 Shellmound Street | (ACDEH) |
| <i>R071</i> - Goldsmith Lathrop - 5813 Shellmound Street | (ACDEH) |

Division Shows Alert LCOO Same Site??

It is necessary to coordinate / tie-in (using the same bench mark) the groundwater elevation readings of the monitoring wells at 5800 Christie Avenue (Good Guys) with wells at the above listed sites.

Please inform your consultants that the tentative schedule for the groundwater elevation measurements for all the sites listed above will be on July 30, 1996.

If you have any questions regarding this letter, please contact me at (510) 567-6780 or Ted Park of DTSC at (510) 540-3847.

Sincerely,

Susan L. Hugo

Susan L. Hugo, Senior Hazardous Materials Specialist

- c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman. Acting Chief, Environmental Protection / files
Ted Park, DTSC, 700 Heinz Ave., Berkeley, CA 94710-2737
Sum Arigala, San Francisco Bay RWQCB
Walter Loo, ETS, 2081 15th Street, San Francisco, CA 94114
Christine Noma, 1111 Broadway, 24th Fl., Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0254
RAFAT A. SHAHID, DIRECTOR

April 18, 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

Mr. R Jeff Granberry
Shell Oil Products Company
P.O. Box 4023
Concord, California 94524

RE: Shell Oil Company Sites

Dear Mr. Granberry:

Recently, reports for the Shell Oil Company sites have been submitted to different inspectors / case officers that are not the assigned case workers. I'm currently overseeing the investigation / cleanup of the following Shell Oil Company sites in this department:

<u>STID#</u>	<u>Site Name</u>	<u>Address</u>
(R0121) 3670	Melina Albany Shell	999 San Pablo Avenue, Albany
(R0254) 814	Bay Super Shell	1800 Powell Street, Emeryville
(R06) 381	Shell Oil Company	3420 San Pablo Ave., Oakland
(R0264) 3613	Former Shell Oil	500 40th Street, Oakland
(R09) 413	Pill Hill Shell	2800 Telegraph Ave., Oakland
(R0303) 3673	Shell Service Station	230 W MacArthur Blvd., Oakland
(R026) 3618	Broadway Shell	5755 Broadway, Oakland

Please inform your consultants that all quarterly monitoring reports and work plans for the above mentioned sites should be submitted to my attention.

If you have any questions concerning this letter, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#254

RAFAT A. SHAHID, DIRECTOR

April 4, 1996
STID # 814

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

Mr. Jeff Granberry
Shell Products Company
P.O. Box 4023
Concord, CA 94524

RE: Investigation Work Plan for Shell Service Station
1800 Powell Street, Emeryville CA 94608

Dear Mr. Granberry:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the Investigation Work Plan (March 6, 1996) prepared and submitted by Weiss Associates for the above referenced site.

Based on this review, the workplan is acceptable to this office provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. At a minimum, one sample submitted for analysis from the boring must be from the saturated / unsaturated zone interface.
- 2) Soil and groundwater samples shall be analyzed for the following target compounds: TPH gasoline, TPH diesel, TPH as motor oil, BTEX, poly aromatic hydrocarbons (PAHs), methyl tertiary butyl ether (MTBE) and metals (Pb, Cr, Cd, Ni, Zn, As).
- 3) Any waste (hazardous or non-hazardous) generated at the site must be characterized and disposed appropriately.
- 4) Separate-phase hydrocarbon (up to 2.38 feet in thickness) has been detected in monitoring well S-9 since 1984. Interim remedial measures implemented to date should be submitted to this agency. Free product must be recovered on a regular basis and product removal must comply with the requirements as stated in the California Code of Regulations, Title 23, Section 2655.
- 5) A site health and safety plan shall be submitted to this office prior to implementation of the work plan.

Mr. Jeff Granberry
RE: 1800 Powell Street, Emeryville, CA 94608
April 4, 1996
Page 2 of 3

- 6) An Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report (ULR) has not been filed for the site. Please complete and submit the enclosed ULR form to this office within five days upon receipt of this letter.
- 7) This office has no records of the installation of the groundwater monitoring wells (active or abandoned) at the site. Please provide our office with copies of the monitoring well construction diagrams and boring logs for all the wells at the site. In addition, historical soil and groundwater data should also be submitted.
- 8) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted to this agency within **45 days** after completion of the work performed at the site.

Until cleanup is complete, you will need to submit quarterly reports to this office and the following items must be incorporated in your future reports or work plans:

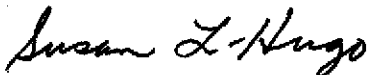
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or work plan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

Mr. Jeff Granberry
RE: 1800 Powell Street, Emeryville, CA 94608
April 4, 1996
Page 3 of 3

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

If you have any questions concerning this letter, please call me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco Bay RWQCB
Yi-Ran Wu, Weiss Associates, 5500 Shellmound Street,
Emeryville, CA 94608

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R0254

September 19, 1990

Billy Hayes
Bay Super Shell
1800 Powell St.
Emeryville, CA 94608

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

Re: Waste Minimization Assessment

Dear Billy Hayes:

Your business has been selected to receive a hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County.

We have chosen businesses in the auto repair industry to receive the first round of waste minimization assessments. It is our hope that these assessments will assist participating businesses in minimizing their hazardous wastes - and will give us further information on the best way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you during the week of September 24 to arrange a meeting with you for an assessment of your business. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on waste reduction technology and assist you in setting up appropriate hazardous waste minimization practices.

We look forward to working with you in reducing the amount of hazardous waste your business generates. Of course, your comments and suggestions are encouraged; we need your input in order to best serve you! Please direct any comments and questions to Katherine Chesick at 415/271-4320.

Sincerely,

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0254

May 10, 1990

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

Ms. Lisa Foster
Shell Oil Company
P.O. Box 4023
Concord, CA 95424

RE: Underground Storage Tank Permitting
Bay Super Shell, 1800 Powell Street,
Emeryville, CA 94608

Dear Ms. Foster:

This letter is in regards to the issuance of a 5 year permit to operate the four underground storage tanks at the above mentioned facility. Our office had requested information pertaining to the quarterly inventory monitoring report (October thru December 1989) for the four underground tanks. We received the information we requested from Mr. Bill Hayes, dealer of Bay Super Shell.

As a reminder, please be aware that you are required to report on your quarterly monitoring report any daily inventory swings which exceed the allowable levels specified in Section 2641 (5) (b) of the California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Underground Tank Regulations. An explanation in writing as to the cause of the variation should also be submitted to this office. All records must be maintained on site for the last three years.

Enclosed is a five year permit to operate the four underground tanks.

If you have any question, please contact Susan Hugo, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief
Hazardous Materials Division

EBH:SH:sh

Enclosures (2)

cc: Ken Lottinger, Shell Area Manager
Mr. Bill Hayes, Dealer

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0254

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

April 2, 1990

Lisa Foster
Shell Oil Company
P.O. Box 4023
Concord, CA 95424

RE: Underground Tank Issuance of Five Year Permit

Dear Ms. Foster:

An underground tank inspection was conducted at Bay Super Shell located at 1800 Powell Street, Emeryville, CA 94608 on January 30, 1990 by Susan Hugo of our department.

The California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Underground Tank Regulations, Section 2712(c) requires that you submit to this department, a copy of the quarterly inventory monitoring report (October thru December, 1989).

The Five Year permit will be issued as soon as the department receives the above mentioned record.

Please be advised that all monitoring records must be maintained on site for a period of at least 3 years.

If you have any question, please contact Susan Hugo, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief
Hazardous Materials Division

EBH:SH:sh

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Ken Lottinger, Area Manager, Shell Oil Co.
Mr. Bill Hayes, Dealer
Susan Hugo, Hazardous Materials Specialist
Dennis Byrne, Hazardous Materials Specialist
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0254

9 August 1989

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

Anthony Miller
Paradiso Construction Company
9220 G St.
Oakland, CA 94603

Subject: Groundwater Monitoring Well Locations in Emeryville.

Dear Mr. Miller:

The following is a list of groundwater monitoring well locations in the City of Emeryville. This information is being sent as per your request.

1000 41st Street	Dunne Quality Paints
(R0402) 1177 47th Street	A.C. Transit Facility
(R02496) 5800 Christie Avenue	Crowley and Herring Investments
(R01079) 5903 Christie Avenue	Weatherford BMW
(R069) 5500 Eastshore Highway	Powell Street Plaza
(R0699) 6050 Hollis Street	Francis Collins Property
(R02704) 4250 Horton Street	Artists' Cooperative
4549 Horton Street	Rifkin Properties
(R0577) 1351 Ocean Avenue	H.F.H. Limited
(R02810) 1250 Park Avenue	Del Monte Corporation
(R066) 1700 Powell Street	Mobil Oil Company
(R0254) 1800 Powell Street	Shell Oil Company
(R02822) 2000 Powell Street	Goldsmith and Lathrop Properties

Should you have any questions concerning this matter, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB