

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



05-09-02

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

May 8, 2002

Ms. Karen Petryna  
Shell Oil Products US  
P.O. Box 7869  
Burbank, CA 91510-7869

Dear Ms. Petryna:

Subject: Fuel Leak Site RO0000487, 105 5<sup>th</sup> St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the May 6, 2002 Subsurface Investigation Report/Second Quarter 2002 Monitoring Report for the referenced site prepared by Cambria Environmental. This report details the results of the off-site Geoprobe boring investigation and the on-site monitoring well installation. The rationale for this work was two-fold, to determine if the dispenser islands were a source of the fuel leak and to determine if the off-site utilities were acting as a preferential pathway for contaminant migration. Your consultant concludes that the dispensers are not acting significantly as a source of the MTBE contamination and that the off-site utilities may be acting as a preferential pathway. Applying the same SFRWQCB guideline as that for the SFIA (SF International Airport) site, a dilution attenuation factor, DAF, of 7 is estimated. That is, the expected concentration at the Oakland Inner Harbor is 1/7 the current concentration. Using the average MTBE concentration of the grab groundwater samples collected off-site and dividing by 7 yields approximately 300 ppb, which is less than the Water Board's Aquatic Protection RBSL. Our office has the following comments to this technical report:

- Though the resultant MTBE concentration expected at the Oakland Inner Harbor may be below Water Board RBSLs, a significant MTBE release appears to continue be released from the UST pit. We concur that groundwater extraction must continue. Please check vapor concentrations within tank backfill wells and determine if DVE would also be recommended.
- Please sample MW-3 for the other ether oxygenates and lead scavengers; TAME, DIPE, TBA, EDB and EDC in addition to MTBE.
- Please confirm that extraction from tank backfill well T1 has influence on MW-3 and T1 by observation during extraction. If no influence is observed, consider also extracting from these wells.
- Our office concurs with the proposed additional down-gradient well to observe the contaminant concentration migrating along the utilities.

Please address these items in your future site work. You may contact me at (510) 567-6765 with comments or questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Loetterle, Cambria Environmental, 1144 65<sup>th</sup> St., Suite B, Oakland, CA 94608  
SSI105 5th St.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



06-27-01

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

June 26, 2001  
StID #3849\*RO0000487

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91501-7869

**Re: Shell Service Station, 105 5<sup>th</sup> St., Oakland CA 94607**

Dear Ms. Petryna:

This letter serves to comment on the recently submitted **June 7, 2001 Offsite Subsurface Investigation** report by Cambria. This report gives soil and groundwater results from samples from two borings, SB-6 and SB-7, and monitoring well MW-4. It also gives the results of the well survey and conduit study in addition to providing a site conceptual model (SCM).

Our office has the following comments and requests based upon our review of this and past reports:

- The well survey identified two potential receptor wells with a half-mile radius. It was noted that the symbols used to designate the two wells on Figure 3 were reversed.
- The conduit study identified two utilities, a 12" sanitary sewer and a 24" storm drain which could be impacted by a release from this site. However, no recommendations were made to further investigate this potential.
- No groundwater contour map was provided even though MW-4 was installed and sampled.
- Our office spoke with Mr. Loetterle of Cambria in April 2001 and suggested the installation of an additional on-site monitoring well and a tank pit backfill well for groundwater contouring and remediation purposes. What is your opinion of these suggestions?
- **Table 1: Groundwater Extraction- Mass Removal Data and Table 2: Vapor Extraction- Mass Removal Data** provides a summation of the amount of TPPH (gasoline), benzene and MTBE removed from the groundwater and vapor extraction events performed in MW- 2 and MW-3. Please do not use the < (less than) term when summing actual amounts of analytes removed ie when summing numbers some of which are positive and some of which are <, the total should not be < total sum. This is misleading. Please also check to insure that the < values are carried correctly through their respective columns. The results confirm a significant MTBE release in the area of MW-3.
- When will the results of the March 20, 2001 Dual-Phase vacuum extraction test be provided? You should discuss the merits of installing a permanent system versus the continual monthly extraction.

June 26, 2001  
StID #3849/ RO0000487  
105 5<sup>th</sup> St., Oakland 94607  
Ms. Karen Petryna  
Page 2

Please provide comment to these observations. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
Mr. J. Loetterle, Cambria Environmental, 1144 65<sup>th</sup> St., Suite B, Oakland CA 94608  
Comnt105 5th St

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



01006-02

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

January 4, 2001  
StID 3849/RO0000487

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91501-7869

**Re: Shell-branded Service Station, 105 5<sup>th</sup> St., Oakland CA 94607**

Dear Ms. Petryna:

Our office has received and reviewed the December 17, 2001 Subsurface Investigation Work Plan prepared by Cambria, your consultant. As a follow-up to my conversation with Cambria, this work plan proposes the installation of one additional on-site monitoring well and the advancement of a number of geoprobe borings within Oak St. next to the existing sanitary and storm drain utilities to explore the potential for preferential pathway migration. The well was requested to clarify the groundwater gradient and to possibly use for groundwater extraction. The well will also indicate whether the dispenser areas are a secondary source of MTBE contamination to groundwater. Therefore, this well should be located down-gradient of borings SB-4 and D-1. To do this, our office recommends this well be moved approximately 20' west of the proposed location. The locations of the geoprobe borings are spaced appropriately to determine if the utilities are acting as preferential pathways, however, it is possible that this may be done possibly with fewer borings than proposed.

Please notify our office prior to performing this field work. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Loetterle, Cambria Environmental, 1144 65<sup>th</sup> St., Suite B, Oakland, CA 94608  
SSIwp105FifthSt

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT 5-12-2002  
Incl CDs

20487

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

May 11, 2000

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 6249  
Carson, CA 90749-6249  
STID 3849

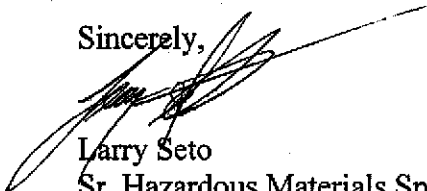
RE: Shell, 105 5<sup>th</sup> Street, Oakland, CA 94607

Dear Ms. Petryna:

Today I reviewed and discussed again with Darryk Ataide of Cambria the Additional Investigation Work Plan dated November 30, 1999. We agreed that soil and groundwater samples would be collected from all three borings, SB-6, SB-7 and MW-4 and tested for the presence of TPH(g), TPH(d), BTEX, MTBE. In addition, if elevated levels of hydrocarbons or MTBE are detected in SB-6 and/or SB-7, they may need to be converted to monitoring well(s).

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Darryk Ataide, Cambria Environmental, 1144 65<sup>th</sup> Street, Suite B,  
Oakland, CA 94608  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



Sent 12/14/99  
Including cc's

20487

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

December 14, 1999

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 90749-6249  
STID 3849

RE: Shell, 105 5<sup>th</sup> Street, Oakland, CA 94607

Dear Ms. Petryna:

I have reviewed and discussed with Darryk Ataide of Cambria the Additional Investigation Work Plan dated November 30, 1999 that he prepared. It is acceptable with the condition that the soil and groundwater samples collected during this investigation also be tested for the presence of diesel. This requirement is included because a groundwater sample collected in July 1998 contained 27,000 ppb of TPH (diesel).

In the previous sampling events, the laboratory did not test for the presence of diesel in groundwater. Commencing with the next round of sampling, please include diesel in the laboratory analysis.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Darryk Ataide, Cambria Environmental, 1144 65<sup>th</sup> Street, Suite B,  
Oakland, CA 94608

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



Sent 11-30-99  
Including cc's

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

November 30, 1999

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 6249  
Carson, CA 90749-6249

RE: Certified List of Record Fee Title Owners

Dear Ms. Petryna:

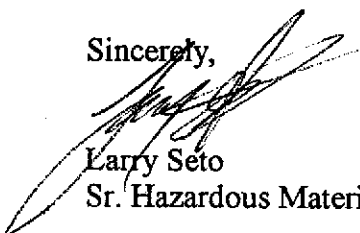
This letter is to acknowledge that this office has received from Cambria Environmental the Certified List of Record Fee Title Owners for the following sites:

- 1) 610 Market Street, Oakland, CA 94607 *PO493*
- 2) 105 5<sup>th</sup> Street, Oakland, CA 94607 *PO487*
- 3) 2160 Otis Drive, Alameda, CA 94501 *PO 2433*

This information will be place in the site file for each location.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Ailsa S. Le May, Cambria Environmental, 1144 65<sup>th</sup> Street, Suite B,  
Oakland, CA 94608

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT 10-18-99  
including cc's

20487

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

October 15, 1999

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 90749-6249  
STID 3849

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Ms. Petryna:

I have reviewed the Monitoring Well Installation Report dated October 7, 1999 that was prepared by Cambria Environmental. Groundwater samples collected from the three wells after they were developed contained up to 1,790 ppb benzene, 324,000 ppb MTBE and 13,800 ppb TPH(g). This office concurs with your consultant that further subsurface characterization in the down gradient direction is warranted at this time.

Please submit a workplan to further delineate the extent of release within 45 days.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
(Sr. Hazardous Materials Specialist)

Cc: Ailsa Le May, Cambria Environmental, 1144 65<sup>th</sup> Street, Suite B, Oakland,  
CA 94608



ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

R0487

ENVIRONMENTAL HEALTH SERVICES

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

September 16, 1999

Ms. Ailsa S. LeMay, RG  
Cambria Environmental Technology  
1144-65<sup>th</sup> Street, Suite B  
Oakland, CA 94608

RE: Shell Service Station, 105 Fifth Street, Oakland, CA 94607

Dear Ms. LeMay:

I have received your Quarterly Status Report – Second Quarter 1999. The report identified there was no activities for the second quarter 1999, and no activities are proposed or planned through the fourth quarter 1999. During our telephone conversation today, you informed me that three groundwater monitoring wells were installed in May '99, and will be monitored on a quarterly basis. Please forward to this office an amended report for the Second Quarter 1999.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr., Hazardous Materials Specialist

Cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, CA 90749-6249  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 407

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

April 8, 1999

Mr. Alex Perez  
Shell Oil Products  
P.O. Box 8080  
Martinez, CA 94553  
STID 3849

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Mr. Perez:

I have reviewed the Additional Investigation Work Plan dated March 18, 1999 that was prepared by Cambria Environmental. It is acceptable with the following conditions:

- 1) A minimum of one soil sample from each of the borings will be submitted to the analytical laboratory for chemical analysis
- 2) The investigation report should also include a Recommendations Section

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Troy Buggle, Cambria Environmental, 1144 65<sup>th</sup> Street, Suite B,  
Oakland, CA 94608  
Leroy Griffin, City of Oakland-Fire Department, 505-14<sup>th</sup> Street, 7<sup>th</sup> Floor,  
Oakland, CA 94612

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#487

November 24, 1998

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

Mr. Alex Perez  
Shell Oil Products  
P.O. Box 8080  
Martinez, CA 94553  
STID 3849

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Mr. Perez:

I have reviewed the Subsurface Investigation Report dated November 18, 1998 prepared by Cambria Environmental for the above site. Groundwater samples collected on July 23, 1998 contained up to 27,000 ppb TPH(d), 90,000 ppb TPH(g), and 1,300 ppb benzene, 490 ppb toluene, 3,500 ppb ethylbenzene, 13,000 xylenes and 1,700 ppb MTBE.

In accordance to Title 23, California Code of Regulations, Article 11, a Soil and Water Investigation must be implemented to define the extent of soil and groundwater contamination. This workplan must be prepared by a State of California -Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Darryk Ataide, Cambria Environmental, 1144 65<sup>th</sup>, Suite B, Oakland, CA 94608  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0487

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

June 2, 1998

Mr. Alex Perez  
Shell Oil Products  
P.O. Box 8080  
Martinez, CA 94553

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Mr. Perez:

I have reviewed the Subsurface Investigation Workplan dated May 26, 1998 that was prepared by Cambria Environmental. It is acceptable with the condition that a minimum of one sample from each boring will be submitted to the laboratory and analyzed for TPH(g), TPH(d), BTEX and MTBE.

Please notify me at least 72 hours in advance before you begin your investigation. If you have any questions, I can be contacted at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Bret Hovland, Shell Oil, P.O. Box 4023 , Concord, CA 94524  
Diane Lundquist, Cambria Environmental, 1144-65<sup>th</sup> St., Suite B,  
Oakland, CA 94608

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0487

May 12, 1998

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

ATTN: Brian Merfeld

Robert H Lee & Associates  
1390 Willow Pass Rd #420  
Concord CA 94520

RE: Project # 4920A - Type I  
at 105 5th St in Oakland 94607

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$732.80, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager  
Environmental Protection

c: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

R0487

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

May 12, 1998

ATTN: Brian Merfeld

Robert H Lee & Associates  
1390 Willow Pass Rd #420  
Concord CA 94520

RE: Project # 4920A - Type I  
at 105 5th St in Oakland 94607

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$732.80, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager  
Environmental Protection

c: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 487

ENVIRONMENTAL HEALTH SERVICES

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

May 21, 1998

ATTN: Mr Dan Kirk

Shell Oil Products Co  
P O Box 8080  
Martinez CA 94553

RE: Project # 4920A - Type I  
at 105 5th St in Oakland 94607

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$732.80, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager  
Environmental Protection

c: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RO#487

4-21-98

Certified Mailer # P 143 588 432

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

Mr. Brett Hovland  
Shell Oil Products  
P.O. Box 4023  
Concord, CA 94524  
STID 3849

Notice of Legal Obligation

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Mr. Hovland:

A letter was sent to you from this office dated December 11, 1997, requesting that a subsurface investigation workplan be submitted within 45 days. This workplan was requested after a review of the laboratory results for the soil samples collected during dispensers and piping removal. The samples contained up to 14,000 ppm of TEPH-diesel, 3,500 ppm TPPH-gas, 26 ppm MTBE and 21 ppm of benzene. As of this date, this workplan has not been received.

Please submit this workplan within 10 days of the receipt of this letter.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Bob Chambers, Alameda County District Attorney's Office, Consumer and  
Environmental Protection  
Files



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO#487

Certified Mailer # P 143 588 399

December 11, 1997

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

Mr. Brett Hovland  
Shell Oil Products  
P.O. Box 4023  
Concord, CA 94524  
STID 3849

RE: Shell Station, 105 Fifth Street, Oakland, CA 94607

Dear Mr. Hovland:

I have reviewed your **Dispenser Soil Sampling and Stockpile Disposal Report** dated August 7, 1997 that was prepared by Cambria Environmental. Sampling was conducted following the removal of five gasoline dispensers, two diesel fuel dispensers, and associated piping. Up to 14,000 ppm (parts per million) of TEPH-diesel (Total extractable petroleum hydrocarbons), 3,500 ppm TPPH-gas (Total purgable petroleum hydrocarbons), 26 ppm MTBE (methyl tert-butyl ether) and 21 ppm of benzene were detected in the soil samples.

Please submit a subsurface investigation workplan to delineate the vertical and lateral extent of contamination on this site within 45 days of the receipt of this letter.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

Larry Seto  
Sr. Hazardous Materials Specialist

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0487

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  
Oak Street Shell, 105 Fifth Street  
Oakland, CA 94607

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 annual precision test results performed on July 12, 1989 for the underground tanks. We received the information we requested from Shell Oil.

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. Richard Texara, Dealer

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0487

April 2, 1990

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

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

RE: Underground Tank Issuance of Five Year Permit

Dear Ms. Foster:

An underground tank inspection was conducted at Oak Street Shell located at 105 Fifth Street, Oakland, CA 94607 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 annual precision test results performed on July 13, 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. Richard Texara, Dealer  
Dennis Byrne, Hazardous Materials Specialist  
Susan Hugo, Hazardous Materials Specialist  
Files