

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



8-26-02

August 23, 2002

Ms. Karen Petryna
Equiva Services LLC
P.O. Box 769
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: Fuel Leak Case No. RO0000493, 610 Market St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the August 19, 2002 Investigation and Interim Remediation Work Plan for the referenced site prepared by Cambria. As you are aware, the work plan responds to the elevated MTBE and to a lesser degree TPHg and BTEX, which is present in groundwater both on an off-site. The August 12, 2002 Cambria Subsurface Investigation Report identified another MTBE hot spot near dispenser #2 and off-site MTBE contamination in both MW-4 and MW-5. The work plan proposes to install a groundwater extraction/soil vapor extraction system connecting monitoring wells MW-2, MW-3, three new proposed extraction wells and tank backfill well, T1. To delineate the MTBE plume two additional monitoring wells are proposed, one to the southeast and one further down-gradient beneath the I-880 overpass. Please note the location of this well since it was inadvertently left off Figure 2 of your work plan.

This work plan is accepted with the following additional requests:

- Please sample soil and groundwater from the extraction wells in addition to the monitoring wells. These locations are strategically located and will provide useful information.
- Please provide north-south and east-west cross sections including the locations of all utilities. These cross sections should be developed after the proposed work so as to incorporate the additional data. This information should be used in developing your site conceptual model and should support the remediation proposed.

Please notify our office prior to performing the proposed 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

Ms. J. Jones, Cambria Environmental, 1144 65th St., Suite B, Oakland, CA 94608
Ronald & Kathy Labatt, P.O. Box 462, Kamiah, ID 83536
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595

Wpap610MarketSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



1-4-02

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

January 2, 2002
StID 4017/ RO0000493

Mr. Karen Petryna
Equiva Services LLC
P.O. Box 769
Burbank, CA 91501-7869

Re: Shell Branded Station, 610 Market St., Oakland, CA 94607

Dear Ms. Petryna:

Our office has received and reviewed the December 19, 2001 Soil Vapor Extraction Pilot Test Report and Investigation Work Plan for the referenced site prepared by Cambria, your consultant. As you are aware, this site has experienced historically elevated MTBE concentrations in groundwater, particularly in MW3, located immediately down-gradient of the existing USTs. Recent groundwater results report up to 44,500 ppb TPHg, 1,290 ppb benzene and 610,000 ppb MTBE in this well. This report provides the results of the October 8, 2001 five day SVE test of tank backfill well T-1. Estimated vapor-phase removal was approximately 16 and 36 pounds of TPHg and MTBE, respectively. This amount of MTBE is similar to the amount removed to date by dual phase extraction from MW-2 and MW-3, therefore, it appears that SVE is the more effective removal approach. However, it appears that the influence of the vapor extraction is limited to the tank pit as enhanced by the pea gravel backfill. The truth may be that if contamination is present within the tank pit area, it is easier to remove through SVE than GWE. It may also be a result of higher TPH contamination within the tank pit area.

Our office concurs with the recommendation to continue groundwater monitoring. We also concur with the addition of MW-2 to the bi-weekly extraction program at the site since this has been shown effective in removing TPH mass. At this time, our office believes the tank pit area has not been adequately characterized. This area is one of the source areas at the site. TPHg and MTBE has been removed from this area, but how much remains is in question. The contamination removed is likely a result of TPH from groundwater volatilization into the tank pit. This assumes no prior or on-going release from the tank system exists, which your tank test results indicate. To estimate the effectiveness of the SVE remediation it is necessary to estimate the extent and mass of the release. To estimate the extent of MTBE release our office recommended the

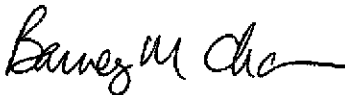
Mr. Karen Petryna
StID 4017/ RO0000493
610 Market St., Oakland CA 94607
January 2, 2002
Page 2

installation of a well near SB-A. Cambria, however, does not see this need since over-excavation of the former dispenser area near SB-A was successful in removing TPHg and BTEX. Unfortunately, MTBE was not analyzed in soil samples from the over-excavation. The grab groundwater sample from SB-A reported 14,000 ppb MTBE and 1.8 ppm MTBE in the soil sample from 13.5' bgs. Cambria recommends taking PID readings from T1 and T2 to confirm no rebound in vapor concentrations occur and show adequate remediation. This is not an acceptable approach without adequate site characterization. Whether or not an additional well is installed near SB-A, enough data must be provided to determine the area extent and iso-concentration contour of the TPH and MTBE releases.

Five soil borings, two of which are to be converted into monitoring wells, are proposed in this report. The two wells were previously proposed and approved by our office. The borings are meant to further characterize the petroleum release in soil and groundwater. This work is approved, however, I reiterate the need for additional data near the former dispenser island and within the current tank pit. Groundwater beneath the pit must be characterized and it must be determined if such contamination is a source of hydrocarbons detected in the backfill wells.

Please provide written comment to this letter prior to proceeding with the approved subsurface investigation. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. J. Jones, Cambria Environmental, 1144 65th St., Suite B, Oakland, CA 94608
Ronald & Kathy Labatt, P.O. Box 462, Kamiah, ID 83536
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595

2-610MarketSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



11-600)

November 5, 2001
StID# 4017/ RO0000493

Ms. Karen Petryna
Equiva Services LLC
P.O. 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

Re: Shell Branded Station, 610 Market St., Oakland, CA 94607

Dear Ms. Petryna:

Thank you for your informative conversation on November 2, 2001. It was assuring to hear that you have completed testing of the underground tank system at this site and that you have the same concerns over this and other similar Shell branded sites experiencing MTBE releases. I encourage you to test your other stations. Unfortunately, no source of the apparent on-going release has been identified. You suggested increasing the frequency of groundwater removal from MW3 at this site as an initial step. This is acceptable.

Our office has received and reviewed the Third Quarter 2001 Monitoring Report for the referenced site prepared by Cambria. The report summarizes the historical amounts of TPHg, benzene and MTBE removed from wells at this site by dual-phase vacuum extraction and mobile groundwater extraction. It appears that TPH removal is much more effective via groundwater removal than from soil-vapor. Because of the elevated levels of MTBE in groundwater (in MW3), it appears the success of mass removal is directly related to the amount of groundwater removed during the extraction events.

The results of the soil vapor extraction test using tank back-fill wells may indicate that this is also a viable remedial approach, however, it should be used to augment mass removal from groundwater. As part of your RAP, please determine the dimensions of the MTBE plume and estimate the mass of the release. Though your suggestion to increase the frequency and duration of groundwater extraction from MW3 is acceptable, we do not know what amount of the release is being treated. Additional on and off-site characterization is needed.

At this time, our office requests that you proceed with the installation of the previously approved off-site wells. Please also include additional borings as needed to determine the extent of the MTBE plume. The high MTBE levels in MW3, located at the property boundary, should be monitored down-gradient to determine if remediation and attenuation is occurring.

Ms. Karen Petryna
610 Market St., Oakland 94607
StID# 4017/ RO0000493
November 5, 2001
Page 2

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. J. Jones, Cambria Environmental, 1144 65th St., Suite B, Oakland CA 94608
Ronald & Kathey Labatt, P.O. Box 462, Kamiah, ID 83536
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595

610 Market

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



9-6-01

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

September 4, 2001
StID #4017/ RO0000493

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

Re: Shell Branded Station, 610 Market St., Oakland CA 94607

Dear Ms. Petryna:

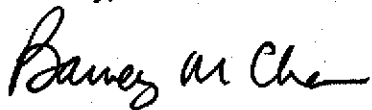
Our office has received and reviewed the **August 29, 2001 Site Conceptual Model and Pilot Test Report and the Second Quarter 2001 Monitoring Report** for the referenced Shell service station. The reports provide a historical summary of investigation activities, a conduit study, a sensitive receptor survey, results of both dual phase and soil vapor extraction pilot tests and recommendations for future actions. Our office has the following comments to these reports:

- Although some of the conduits seasonally may be at or below groundwater, they are typically above groundwater and do not serve as a preferential pathway.
- No municipal or private wells are likely affected by this release, either due to distance or location relative to this site.
- In general, both DPE and SVE were shown to be viable remediation approaches for site clean-up, however, the sustainability of the tests is questioned, particularly that of groundwater. Significant TPH mass, including MTBE were removed using these techniques. Because the wells include tank back-fill wells and there is a large distance between the monitoring wells, results of these tests are not representative, ie you wouldn't expect to see any influence in MW-2 when extracting from MW-3.
- Your consultant recommends not installing the previously approved off-site wells, MW-4 and MW-5. Please be advised that off-site down-gradient groundwater evaluation will be required prior to any consideration of site closure, even in the absence of receptors, since site characterization is necessary.
- It appears that there are secondary sources of contamination, from the dispensers and possibly from piping. Based upon past investigations, an additional well should be installed near SB-A for monitoring and remediation purposes. The area between MW-2 and MW-3 should be investigated as a means of completing the TPH iso-concentration contours of the plume.
- Our office approves the proposed 5 day extended soil vapor extraction test on backfill well T-1. Should this test indicate that substantial sustained soil vapor contamination can be removed from this well, additional well(s) should be also be proposed for soil vapor extraction.

Ms. Karen Petryna
610 Market St., Oakland 94607
StID 4017/RO0000493
September 4, 2001
Page 2

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. J. Jones, Cambria Environmental, 1144 65th St., Suite B, Oakland CA 94608
Ronald & Kathy Labatt, P.O. Box 462, Kamiah, ID 83536
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595

SVE610MarketSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SNT incl cc's
3-3-2000

20493

March 2, 2000

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

Ms. Karen Petryna
Equiva Services LLC
PO Box 7869
Burbank, CA 91501-7869
STID 4017

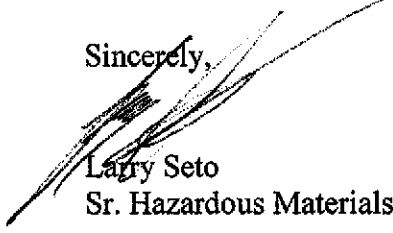
RE: Shell Station, 610 Market Street, Oakland, CA 94607

Dear Ms. Petryna:

I have reviewed your Additional Subsurface Investigation Work Plan dated February 18, 2000 that was prepared by Cambria Environmental. It is acceptable.

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 65th Street, Suite B,
Oakland, CA 94608
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



*Sent 1/26/00
Including cc's*

P0493

January 21, 2000

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

Ms. Karen Petryna
Equiva Services LLC
PO Box 7869
Burbank, CA 91501-7869
STID 4017

RE: Shell Station, 610 Market Street, Oakland, CA 94607

Dear Ms. Petryna:

I have reviewed the Third Quarter 1999 Monitoring Report dated December 10, 1999 for the above site that was prepared by Cambria Environmental Technology. Monitoring wells MW-2 and MW-3 has historical MTBE concentrations ranging from 3,440 to 11,000 ppb and from 38,500 to 84,100 ppb respectively. Please submit to this office within 30 days a subsurface workplan to define the lateral and vertical extent of contamination originating from this site.

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

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Leroy Griffin, City of Oakland Fire Services, 1603 Martin Luther King, Oakland
CA 94612
Brian Busch, Cambria, 2694 Bishop Drive, Suite 105, San Ramon, CA 94583
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 5th Street, Oakland, CA 94607 ^{PO487}
- 3) 2160 Otis Drive, Alameda, CA 94501 ^{PO2433}

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 65th Street, Suite B,
Oakland, CA 94608

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ROGERS

June 2, 1999

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

Tracy Lum
Paradiso Construction Company
P.O. Box 1836
San Leandro CA 94577

**Subject: Return of plans and fees for project (STID 4017) outside
the jurisdiction of Alameda County CUPA**

Dear Mr. Lum:

This office received plans and specifications for modifications to a Shell Oil Company site in December 1997. That site is located at 610 Market Street, Oakland. The City of Oakland has taken over jurisdiction of the underground storage tank regulatory compliance program since the review and approval of the plans. As such these plans and fees are being returned to you, the payor and applicant. The fees have been debited for work on the project to date. All remaining monies will be returned in the form of a check within 60 days.

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

Sincerely,

Robert Weston
Sr. Hazardous Materials Specialist

enclosures

c: Tom Peacock, ACDEH-files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#493

September 23, 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. A.E. (Alex) Perez
Shell Oil Products Company
P.O. Box 8080
Martinez, CA 94553
STID 4017

RE: Shell Station, 610 Market Steet, Oakland, CA 94607

Dear Mr. Perez:

I have reviewed your Additional Investigation Work Plan dated September 15, 1998 that was prepared by Cambria Environmental. It is acceptable with the following stipulations:

- 1) A minimum of one soil sample per boring will be submitted to a certified laboratory for chemical analysis.
- 2) Identify to this office how the inferred groundwater flow direction was determined

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Paul Waite, Cambria, 1144-65th Street, Suite B, Oakland, CA 94608
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#493

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

Certified Mailer # P 143 589 375

August 3, 1998

Mr. A.E. (Alex) Perez
P.O. Box 8080
Martinez, CA 94553
STID 4017

RE: Shell Station, 610 Market Street, Oakland, CA 94607

Dear Mr. Perez:

I have reviewed the Subsurface Investigation report dated July 1, 1998 that was prepared by Cambria Environmental. Three borings were installed on the above property on March 31, 1998. Groundwater samples from two of the borings (SB-A & SB-B) contained 14,000 ppb and 6,200 ppb of MTBE, 490 ppb and 5.8 ppb of benzene and 2,100 ppb and 120 ppb of TPH(g) respectively. These borings were in the inferred downgradient groundwater flow direction from the pump islands.

Please submit a workplan within 30 days of the receipt of this letter to perform a groundwater investigation to determine the extent of the plume.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Brian Busch, Cambria Environmental, 1144 - 65th Street, Suite B, Oakland,
CA 94608

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0493

May 12, 1998

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

ATTN: Mr Scott Wilson

Robert H Lee & Assoc
1137 N Mc Dowell Blvd
Petaluma CA 94954

RE: Project # 3277A - Type MOD
at 610 Market 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 \$685.20, 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



R0493

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

June 04, 1997

ATTN: Mr Scott Wilson

Robert H Lee & Assoc
1137 N Mc Dowell Blvd
Petaluma CA 94954

RE: Project # 3277A - Type MOD
at 610 Market 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 \$750.00, payable to Alameda County, Environmental Health Services.

We must receive this deposit so that future regulatory oversight on the subject site can procede in a timely fashion. At the completion of this project, 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.

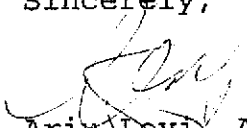
Please be sure to write the following on the check to identify your account:

- project #,
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Pam Evans
at (510) 567-6770.

Sincerely,


Ariu Levi, Area Manager
Environmental Protection

c: files/inspector

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



20493

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577

STID 4017

July 30, 1996

Jeff Granberry
Shell Oil Company
P. O. Box 4023
Concord CA 94524

RE: SHELL SERVICE STATION, 610 MARKET ST., OAKLAND, CA 94607

Dear Mr. Granberry:

I am in receipt of and have reviewed the Weiss Associates (WA) "Preliminary Site Assessment Work Plan", dated July 19, 1996.

This work plan consists of the advancement of three (3) soil hydropunch borings and the collection of soil and groundwater samples from each of these borings. This work plan will assess whether petroleum hydrocarbons detected during dispenser replacement activities in August 1995 have impacted ground water beneath the site.

WA will collect soil samples at 2.5 feet, 5.0 feet and 10.0 feet below ground surface (bgs). In addition, one ground water sample will be collected from each hydropunch boring. Selected soil and groundwater samples will be analyzed for total petroleum hydrocarbons as gasoline (TPHg), methyl-tert-butyl ether (MTBE), and benzene, toluene, ethyl benzene and total xylenes (BTEX). Additional one soil sample will be analyzed for selected geophysical properties: bulk density, moisture content, grain size distribution, pH, and fraction organic carbon (foc).

This work plan is approved.

Please notify this office at least 48 hours prior to commencing operations, so I can schedule time to be on site. Please feel free to call me directly at 510/567-6880 should you have any questions or comments concerning this matter.

Sincerely,

Dale Klettke, CHMM
Hazardous Materials Specialist

c: Thomas Peacock, LOP Manager--files
Chuck Headlee, c/o Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411
4017wpok.psa

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#493

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

STID 4017

June 18, 1996

Jeff Granberry
Shell Oil Company
P. O. Box 4023
Concord CA 94524

RE: SHELL SERVICE STATION, 610 MARKET ST., OAKLAND, CA 94607

Dear Mr. Granberry:

The results of sample analysis and observations documented by Weiss Associates (WA) during the August 1995 soil sampling and over-excavation activities for the recent fuel dispenser replacements and product piping removal has been evaluated.

During construction of the new fuel dispenser islands, up to 2,700 ppm TPHg was left in place beneath soil samples D-1, D-6 and D-7. In addition, confirmation samples SS-4, SS-5 and SS-6, collected adjacent to the eastern dispenser island during over-excavation activities indicated non-polar oil and grease (POG) at concentrations of 220, 260 and 170 ppm, respectively.

A confirmed release from the UST(s) has occurred at this site. The extent of petroleum hydrocarbon contamination is not adequately defined. Pursuant to provisions of Article 11, Title 23, California Code of Regulations (CCR), you are required to perform a preliminary site assessment (PSA) when a confirmed release from an UST has occurred. To facilitate this task, a PSA work plan must be submitted for review. **This work plan is due within 60 days of the date of this letter or no later than August 19, 1996.** A report must be submitted within 45 days of the completion of field activities associated with this phase of work at the site.

However, in order to pursue the pending PSA in a more cost-effective fashion, this office encourages you to first employ rapid site assessment tools (e.g. CPT, Geo Probe, Hydropunch, etc.) to qualitatively assess impacts before proposing final well locations.

Please be advised that this letter constitutes a Legal Request for Technical Reports pursuant to California Health and Safety Code Sections 25299.37 and 25299.78.

Failure to undertake the required corrective action, including the submittal of a technical report after the date specified in this request, may result in fines of up to \$5,000 per day per tank pursuant to Health and Safety Code section 25299 and \$10,000 per day per tank pursuant to Health and Safety Code section 25299.76.

Please call me directly at 510/567-6880 should you have any questions.

Jeff Granberry
RE: 610 Market Street, Oakland
June 18, 1996
Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Dale Klettke". The signature is written in dark ink and is positioned above the typed name.

Dale Klettke, CHMM
Hazardous Materials Specialist

c: Thomas Peacock, LOP Manager--files
Tom Fojut, Weiss Associates

bc

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



BA
R0493

ARNOLD PERKINS, DIRECTOR

ALAMEDA COUNTY HEALTH AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR BAY PARKWAY, SUITE 100
ALAMEDA, CA 94502-6577 (cc 430-430)
Ph (510) 567-6700 FAX (510) 337-9335

December 18, 1995

Scott Wilson
Robert H. Lee & Associates
1137 N. McDowell Blvd.
Petaluma CA 94954

**RE: Piping Modification @ 610 Market St., Oakland 94607
(Project # 3277A, Site ID # 4017)**

Dear Mr. Wilson:

In May, 1995 your company made a deposit to cover oversight costs for the above referenced job. The our costs for time spent on the project has exceeded this deposit amount. In order to balance the account, please remit a check for \$200.00. Please write you project number (3277A) and the site address on your check.

Please contact me with any questions regarding this request at (510)567-6770.

Sincerely,

Pamela J. Evans
Senior Hazardous Materials Specialist

c: Leslie Peters, ACDEH
Jennifer Eberle, ACDEH

Gwyn- Please mail letter only to addressee. Copy previous letter + dep/ref sheet to Leslie. JE gets only this letter copy. Please return every thing else, w/ one copy of letter to me. Thanks Pam

DATE: 8-22-95
TO : Local Oversight Program - Jennifer Eberle
FROM: Pam Evens
SUBJ: Transfer of Eligible Oversight Case

Site name: Shell Oil Co
Address: 610 Market St. city Oakland zip 94607

Closure plan attached? Y N DepRef remaining \$ 0 - I requested more for pre-LOP costs
DepRef Project # ~~4017~~ 3277A STID #(if any) 4017

Number of Tanks: _____ removed? Y N Date of removal _____

Leak Report filed? Y N Date of Discovery 8-14-95

Samples received? Y N Contamination: Yes - TPHg + BTEX

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

Monitoring wells on site ? Monitoring schedule? Y N

Briefly describe the following:
Preliminary Assessment up to 2700 ppm TPH, TEX components up to 320 ppm
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

Comments: Contamination discovered when piping was replaced
I'm asking for \$ to cover non-LOP costs - so will retain Dep/Ref sheet for the present

ALAMEDA COUNTY HAZARDOUS MATERIALS DEPARTMENT
 DEPOSIT / REFUND ACCOUNT SHEET

R0493

printed 05/18/95

SITE INFORMATION

Shell Oil Company
 610 Market St
 Oakland 94607
 Site Contact:
 Site Phone :

StID: 4017 Site#: 3277
 PROJECT#: 3277A
 PROJECT TYPE: MOD
 INSP: Pam Evans
 ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
 Owner Phone :

PAYOR INFORMATION

Robert H Lee & Assoc
 1137 N Mc Dowell Blvd
 Petaluma CA 94954 #265
 Payor Contact: Mr Scott Wilson
 Payor Phone : 707/765-1660

Date	Action Taken	Time In	Time Out	Hours Spent/Depstd	Hour Balance	Money Spent/Depositd	Money Balance
	Balance from Prev. Page
	Rcpt# 753077						
05/16/95	Deposit of \$603.00 @ \$90/hour			+6.69			
5/23/95	Initial examination of plans			.5	6.19	8-21+22-95	.25
6/5/95	Conv. w/CG, prepare plans for pickup			.5	5.69	Transfer to LDP	
7/28/95	" " , FAX Acceptance stamp			.3	5.29		-2.04
8/3/95	on site sample			2.0	3.29		
8/7/95	on site sample			1.25	2.04		
8/8/95	on site "			-75	1.29		
8/10/95	fuel test reched			1.0	.29		
8/14/95	on site pressure test			1.25	-1.54		
8/18/95	Discuss w/ B.O. Leslie review file Leslie issue letter			.25	-1.79		

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : _____

ATTACH: State Forms A, B & C
 Billing Adjustment*

DATE OF COMPLETION : _____

DATE SENT TO BILLING: _____

TOTAL COST OF PROJECT: _____

REFUND AMOUNT: _____

Rev. 1/93

* Billing adjustment forms needed when site is in our UST program.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

BD
R0493
RAFAT A. SHAHID, DIRECTOR

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

August 15, 1995

ATTN: Mr Scott Wilson

Robert H Lee & Assoc
1137 N Mc Dowell Blvd
Petaluma CA 94954

RE: Project # 3277A - MOD
at 610 Market 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 \$300.00, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact Pam Evans at (510) 567-6700.

Sincerely,

Tom Peacock, Acting Chief
Environmental Protection Division

c: files/inspector

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0493

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Tom Peacock, Acting Chief
Environmental Protection Division

c: files/inspector

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RC493

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

April 02, 1990

Shell Oil Company
P.O. Box 4023
Concord, CA 95424
ATTN: Lisa Foster & Ken Lottinger

RE: Underground Storage Tank Permitting:
Mr. Randy Stegman
610 Market Street
Oakland, CA 94607

Dear Ms. Foster:

This letter is in regards to the inspection which was done at your facility on January 31, 1990, by Paul Smith of our department. The inspection was performed with regard to the five (5) year underground storage tank permit. Enclosed is a five (5) year permit to operate.

If you have any questions, please contact Paul Smith of our office at, 271-4320.

Sincerely,

Edgar B. Howell, III, Chief,
Hazardous Materials Division

EBH:PMS:mnc

Enclosure (1)

cc: Ken Lottinger, Shell Area Manager
Dealers

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0493

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Dealers