

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



11-15-00

20349

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

November 15, 2000  
StID # 1070

Equiva Services LLC c/o  
Ms. Karen Petryna  
P. O. Box 7869  
Burbank CA 91510-7869

Van T. & Wendy Q. Gee  
3604 Redwood Rd.  
Oakland CA 94619

**Re: Closure of Monitoring Wells at 7915 E. 14<sup>th</sup> St., Oakland CA 94621**

Dear Ms. Petryna, and Mr. and Ms. Gee:

Our office has received concurrence from the Regional Water Quality Control Board on our recommendation for site closure of the above referenced location. Prior to issuing the closure letter, our office requests the proper closure of the four (4) existing monitoring wells installed on this site.

You may contact Alameda County Public Works Water Resources Section at (510) 670-5554 for specific requirements of well closure.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
Mr. Stephan Bork, Cambria, 1144 65<sup>th</sup> St., Suite B, Oakland CA 94608

wlclrq7915E14th

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT 8-10-2000

RO# 349

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

August 10, 2000  
StID 1070

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

Van T. & Wendy Q. Gee  
3604 Redwood Rd.  
Oakland CA 94619

**SUBJECT: INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS REQUIRED  
OR ISSUE A CLOSURE LETTER FOR FORMER SHELL STATION, 7915 E. 14<sup>TH</sup> St., OAKLAND  
CA 94621**

Dear Ms. Petryna, Mr. and Ms. Gee:

This letter is to inform you that Alameda County Environmental Protection (LOP) intends to make a determination that no further action is required at the above site or to issue a closure letter. Please notify this agency of any input and recommendations you may have on these proposed actions within 20 days of the date of this letter.

In accordance with section 25297.15 of Ch. 6.7 of the Health & Safety Code, you must provide certification to the local agency that all of the current record fee title owners have been informed of the proposed action. You may use the enclosed Example letter #3 as a guide. Please provide this certification to this office within 20 days of the date of this letter.

If you have any questions about this, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

Enclosure (sample letter #3)

c: B.Chan,files

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

Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY (FOR NAME AND ADDRESS OF SUBJECT SITE)**

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

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

Sincerely,

\_\_\_\_\_  
Signature of primary responsible party

\_\_\_\_\_  
Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



Sent 12/29/99  
Including cc's

20349

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

December 29, 1999  
StID # 1070

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

**Re: Former Shell Station, 7915 E. 14<sup>th</sup> St., Oakland CA 94621**

Dear Ms. Petryna:

This letter is in anticipation of receiving your revised risk assessment for the above which will include the data in the September 30, 1999 Cambria report. It is also expected that the site will be recommended for closure. With this in mind, please include a brief site conceptual model (SCM) in your risk assessment. As you are aware, the SCM is necessary prior to closing MTBE impacted site. In addition, please confirm the presence of MTBE using EPA Method 8260 in your next scheduled monitoring of MW-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  
Mr. D. Ataide, Cambria Environmental Technology, 1144 65<sup>th</sup> St., Suite B., Oakland CA  
94608

mtbe7915E14

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0349

ENVIRONMENTAL HEALTH SERVICES

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

August 27, 1999  
StID # 1070

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 907-6249

**Re: Request for Technical Report for former Shell Service Station, 7915 E. 14<sup>th</sup> St.,  
Oakland CA 94621**

Dear Ms. Petryna:

As you are aware, your consultant, Cambria Environmental, performed the previously approved subsurface investigation at the above site on May 13, 1999. This work consisted of the advancement of four borings at the site in order to determine the actual levels of contamination from previously identified "hot" spots. In addition, site specific geotechnical testing would be done to use in a forthcoming risk assessment. Please submit the results of this investigation to our office **within 30 days, or no later than September 30, 1999**. You should include in this report, your recommendations for the site specific data which you intend to use in your Tier 2 risk assessment. It would be best to submit the report and its recommendations before performing your Tier 2 RBCA to avoid potential revisions.

In regards to your First Quarter 1999 groundwater monitoring report, it was noticed that the sampling occurred on January 26, 1999, yet the report was not sent out until July 9, 1999. This is much longer than typical for the submission of quarterly reports. Please submit your reports within 45 days of the sampling date. You should also attach the sampling data sheet along with your report, which typically includes dissolved oxygen, conductivity, pH, purge volume etc. Because of variability of sampling methodology, please take dissolved oxygen reading pre and post purge. In addition, if MTBE is found in groundwater, please run the highest MTBE impacted well using EPA Method 8260 for confirmation.

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. D. Ataide, Cambria Environmental Technology, 1144 65<sup>th</sup> St., Suite B, Oakland 94608  
Reprq7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO#349

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

April 7, 1999  
StID # 1070

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

**Re: Subsurface Investigation Work Plan for former Shell-branded Service Station,  
7915 E. 14<sup>th</sup> St., Oakland CA 94621**

Dear Ms. Petryna:

Our office has received and reviewed the March 22, 1999 Subsurface Investigation Work Plan for the above site as prepared by your consultant, Cambria Environmental Technology, Inc., (Cambria). As you are aware, this work plan serves to obtain additional site specific data to include in a forthcoming Tier 2 Risk Based Correction Action (RBCA) evaluation and follows up the June 11, 1998 meeting our office had with Cambria and Mr. Alex Perez. Both residential and commercial exposure receptors will be evaluated using the samples collected. Four soil borings are proposed for the collection of soil and groundwater samples. Soil borings, SB-A and SB-B are located near former boring BH-G and MW-2, respectively. Soil borings SB-C and SB-D are down-gradient of the source areas and close to the property boundary with the neighboring residential properties. The four borings are to be advanced to a depth of 25' bgs. Soil samples will be collected at 3-5' intervals and selected soil and one grab groundwater sample will be collected for chemical analysis. Chemical analysis will consist of TPHg, BTEX and MTBE, with MTBE being confirmed in the soil and groundwater samples exhibiting the highest concentrations. Additional soil samples will be analyzed for fraction organic carbon (foc), porosity, bulk density and moisture content. Please insure foc is not run on an hydrocarbon impacted sample.

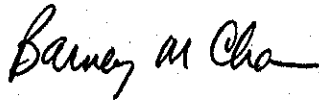
Our office approves of this work plan with the following conditions/clarifications:

- Though the borings are proposed to be advanced to 25' bgs, saturated soil samples need not be collected
- Please analyze the shallow soil sample in addition to any other samples deemed impacted. This is done to provide data on the samples that have a greater influence on soil vapor concentrations.
- Before your consultant prepares a Tier 2 RBCA, please contact our risk assessor, Ms. Madhulla Logan @ (510) 567-6764 to confirm the specifics you will be using in your risk assessment.

Please contact me prior to this proposed work. You may contact me at (510) 567-6765 if you have any comments or questions.

Ms. K. Petryna  
Former Shell Station, 7915 E. 14<sup>th</sup> St., Oakland CA 94621  
StID # 1070  
April 7, 1999  
Page 2.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
Mr. D. Ataide, Cambria Environmental, 1144 65<sup>th</sup> St., Suite B, Oakland CA 94608  
Sslwpap7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 349

February 19, 1999  
StID # 1070

Mr. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson CA 90749

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

**Re: Additional Subsurface Investigation at Former Shell Station, 7915 E. 14<sup>th</sup> St.,  
Oakland CA 94621**

Dear Ms. Petryna:

This former Shell station has identified a potential source of residual gasoline and BTEX contamination in the area of the older former underground storage tank complex located on the eastern property boundary. The information which our office has concerning these former tanks tells little about the conditions of the tank and subsurface at the time of the removals. However, later investigative borings identified elevated gasoline and benzene concentrations in soil and groundwater in this area. It appears that the historic elevated gasoline and BTEX concentration exhibited in MW-2 reflect the residual contamination in the former UST area.

A Tier 1 Risk Based Corrective Action (RBCA) evaluation of this site indicates that the residual benzene concentration in this area could cause potential human health risk. Because of this, additional site assessment in this area was deemed necessary. The results of the additional assessment could then be used in a Tier 2 RBCA. In Cambria's First Quarter 1998 monitoring report, Cambria stated that they would submit a work plan as requested. To date, our office has not received the work plan for additional investigation. In addition, the installation of oxygen releasing compound (ORC) socks in MW-2 has not had a significant impact in reducing the petroleum hydrocarbon concentration in this well, indicating a possible larger problem.

Please submit your work plan to our office **within 30 days or by March 22, 1999.**

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. D. Ataide, 1144 65<sup>th</sup> St., Suite B, Oakland CA 94608

SslWP7915



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 349

April 3, 1998  
StID # 1070

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

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

RE: Site Reconnaissance, Tier 2 RBCA and Additional Site Investigation at Former Shell Station,  
7915 E.14<sup>th</sup> St., Oakland CA 94621

Dear Mr. Perez:

This letter serves to respond to a recent inquiry by your consultant, Cambria, and to request specific technical reports for the above referenced former Shell Station. As you may be aware, historical subsurface investigations and long term groundwater monitoring show elevated gasoline and BTEX contamination in the area of the "older" underground tank pit. Monitoring well MW-2, which is adjacent and downgradient to this area, continues to exhibit elevated TPHg and BTEX concentrations even with the addition of ORC compounds and the presence of ample dissolved oxygen.

In a July 19, 1996 letter to Mr. Jeff Granberry of Shell Oil, I noted the potential residual contamination within the older tank pit and requested a work plan for additional site characterization be submitted by August 20, 1996. Subsequently, our office received an October 18, 1996 letter from Cambria which apparently was the requested work plan. This letter stated that they would research past uses of the adjacent property and investigate potential exposure routes using the Tier 2 RBCA risk assessment framework.

Since this time, it appears that this some of the work has been done and other parts put on hold pending Alameda County's written approval. Site remediation has consisted of addition of ORC compound to MW-2. This has had rather limited success as benzene concentration in groundwater still remain high in MW-2. Upon review of the past quarterly groundwater monitoring reports, I noticed that the fourth quarter 1996 report states that Cambria is currently researching hydrocarbons sources adjacent to this site and that a summary of their findings will be submitted in the second quarter 1997 using a RBCA framework. This promised report was never submitted to our office. All subsequent monitoring reports note that Cambria was awaiting approval for their October 18, 1996 work plan. Please be aware that was proposed in this "work plan" is nothing more than what was promised in the fourth quarter 1996 Cambria report. In addition, please be aware that in Title 23, Division 3, Chapter 16, Article 11, Section 2722(e) of the Underground Storage Tank Regulation it states that in the interest of minimizing environmental contamination, implementation of a work plan may begin sixty (60) days after submittal, before agency concurrence.

Cambria was going to determine the need for additional subsurface investigation based upon the results of the Tier 2 RBCA. Our office, however, will require additional investigation to determine the extent of contamination and to generate current information to supplement a Tier 2 RBCA.

This letter formally requests the submission of the Site Reconnaissance and Tier 2 RBCA referenced in Cambria's October 18, 1996 letter. In addition, please provide a work plan for additional site characterization as necessary to define the limits of contamination and provide current data to include in a revised Tier 2 RBCA.

Mr. Alex Perez  
Shell Oil Products Co.  
StID # 1070  
April 3, 1998  
Page 2.

Please provide the requested reports within 30 days or by May 5, 1998.

This is a formal request for technical reports pursuant to the Water Code. The failure of the submittal of the requested report may result in referral of this site to the Regional Water Quality Control Board for enforcement.

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. M. Feineman, Cambria Environmental Technology, Inc., 1144 65<sup>th</sup> St., Suite B, Oakland, CA 94608

wp7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 349

October 22, 1996  
StID # 1070

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

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

**Re: Former Shell Service Station, 7915 E. 14th St., Oakland 94621**

Dear Mr. Granberry:

This letter responds to the October 15, 1996 Cambria letter attached to the third quarter 1996 groundwater monitoring report for the above site. Based on historical monitoring data, Cambria requests that quarterly monitoring for wells be changed to annual monitoring during the second quarter of each year. Please be advised, you may change the monitoring frequency of wells MW-1, MW-3 and MW-4 to an annual basis as long as monitoring occurs during the first quarter of each year. Monitoring of MW-2 should continue on a **quarterly basis** due to the consistent elevated TPHg and BTEX concentrations found in this well and the uncertainty of the source of this contamination. Please also continue to take groundwater elevation measurements on all wells quarterly so a groundwater contour map can continue to be prepared.

In addition, our office has previously spoken with Mr. Paul Waite of Cambria who stated that a work plan was forthcoming for: the investigation of the former underground storage tank complex, performing a phase I investigation of the neighboring auto body and paint shop and the collection of site specific data for a RBCA Tier 2 evaluation.

**Please submit this work plan within 30 days or by November 22, 1996.**

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. Scott MacLeod, Cambria Env., 1144 65th St., Suite B,  
Oakland CA 94608

2wp7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

20349

August 19, 1996  
StID # 1070

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

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

**Re: Subsurface Investigation at 7915 E. 14th St., Oakland CA  
94621, Former Shell Service Station**

Dear Mr. Granberry:

This letter acknowledges the recent August 16, 1996 conversation with Mr. C. Headley of Weiss Associates whereby a 30 day extension for the submission of a work plan for further site characterization, including a Tier 2 evaluation, was requested. This letter approves of this extension request.

Please submit a work plan for additional site characterization or remediation by **September 20, 1996**.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. T. Fogut, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411

G. Coleman, files  
ext7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20349

July 19, 1996  
StID # 1070

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

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

**Re: Subsurface Investigation at 7915 E. 14th St., Oakland CA  
94621, Former Shell Service Station**

Dear Mr. Granberry:

Our office has received and reviewed the June 30, 1996 Second Quarter 1996 groundwater monitoring report for the above site. Elevated levels of TPHg and BTEX continue to be detected in groundwater from MW-2. The effectiveness of the addition of ORC must be questioned since no significant reduction of these contaminants has been observed over the period of use.

These results have caused our office to determine whether this site should be characterized as a "low risk" groundwater case. Recall, the recommendations of the Regional Water Quality Control Board (RWQCB) require that the following conditions be met prior to making this designation:

1. The leak has been stopped and ongoing sources have been remediated;
2. The site has been adequately characterized;
3. The dissolved plume is not migrating;
4. No sensitive receptors are likely to be impacted; and
5. The site poses no significant risk to human health or the environment.

It appears that the source of the most significant gasoline and BTEX at this site is from the former "older" set of underground storage tanks. No details exist for these tank removals. This area has not been adequately characterized both on and offsite. The potential of highly contaminated soil and groundwater in this area exists. Upgradient of MW-2 lies an auto body and paint shop. Potential exposure to volatiles through volatilization of impacted groundwater exists. In fact, a Tier I evaluation of this exposure route estimates a risk of approximately  $2 \times 10^{-4}$ .

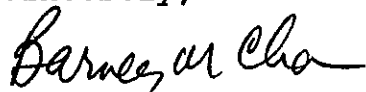
Based on these observations, Shell should re-examine their remedial action plan for this site. Additional site characterization must be performed and as well as potential remediation should source contamination be identified. You might also consider performing a Tier 2 RBCA.

Mr. J. Granberry  
7915 E. 14th St.  
StID # 1070  
July 19, 1996  
Page 2.

Please submit a work plan for additional site characterization or remediation within 30 days or by August 20, 1996.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

c: Mr. J. Carmody, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411

G. Coleman, files  
7915E14

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

January 3, 1995  
StID # 1070

ALAMEDA COUNTY  
ENVIRONMENTAL PROTECTION DIVISION  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577 CC4530

Mr. Lynn Walker  
Shell Oil Company  
P.O. Box 4023  
Concord CA 94524

**Re: Comment on CAP for former Shell Station at 7915 E. 14th St.,  
Oakland CA 94621**

Dear Mr. Walker:

This letter serves to recount the conversation I had with Mr. Thomas Howard of Weiss Associates regarding their Corrective Action Plan (CAP) for the above site. In this report, it was proposed that natural biodegradation was the most viable approach for this site and the Non-Attainment Area (NAA) policy would be investigated to verify its applicability. To this end, I concurred with the proposal to determine the site's water quality and the analysis for the necessary parameters for hydrocarbon biodegradation. To this end, I requested the addition of the parameters; potassium, Total Kjeldahl nitrogen and phosphate in the well water samples. I also requested that there be an investigation to comply with all conditions of the NAA policy. Specifically, it appears that the definition of the full extent of groundwater and soil contamination has not been performed. The area of most concern is that of the former underground storage tanks. Very high concentrations of gasoline and BTEX have been detected with no sign of biodegradation. The likelihood of residual soil contamination acting as a source of this contamination exists. The lack of information concerning the initial tank removal in this area is cause for concern.

You should also note that the NAA policy calls requires that an acceptable plan be submitted for containing and managing the remaining human health, water quality and enviromental risk. Therefore, some type of risk assessment should be included. You are aware of the Risk Based Corrective Action document (ASTM ES-38) which is gaining support by the SFRWQCB. Either a qualitative or quantitative risk assessment should be performed due to the high levels of gas and BTEX being detected in MW-2.

Therefore, along with the additional chemical analysis, the above items should be addressed within your future monitoring reports. Please include a written response to these items within your first QMR for 1995.

Mr. Lynn Walker  
StID # 1070  
Former Shell Stn., 7915 E. 14th St., Oakland  
January 3, 1995  
Page 2.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: J. Carmody, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411  
E. Howell, files

2-7915



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

October 27, 1994  
StID 1070

Ms. Lynn Walker  
Shell Oil Company  
P.O. Box 5278  
Concord CA 95450-9998

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 HARBOR BAY PARKWAY, 2ND FLOOR  
ALAMEDA, CA 94502-6577

**Re: Request for CAP for Former Shell Service Station at 7915 E.  
14th St., Oakland CA 94621**

Dear Ms. Walker:

Our office has received and reviewed the October 17, 1994 ground water monitoring report prepared by Weiss Associates. The results of this event supports the opinion that both groundwater and soil contamination still exists around monitoring well MW-2, the well downgradient to the former old tank excavation pit. It is possible that the contamination is localized and slow moving, however, our office has not yet been informed what remedial alternative Shell is proposing for this site, in addition to quarterly monitoring.

At this time, our office requests the submission of a Corrective Action Plan (CAP) in accordance with Title 23, Chapter 16, Section 2725 (d). As you are aware, the CAP should include an assessment of the impact of the residual contamination, a feasibility study and applicable cleanup levels consistent with current and future use of the water. This document need not be totally comprehensive, though, it should touch on all the items included in the references section of Title 23. Please submit your CAP within 45 days or by December 9, 1994.

The current concentration of gasoline and BTEX in MW-2 exceed levels protective of human or environmental health. Should you propose to leave levels of gasoline and BTEX at this site, a risk assessment and possibly fate and transport modeling will be required.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

cc: J. Carmody, Weiss Associates, 5500 Shellmound St., Emeryville  
CA 94608-2411

E. Howell, file  
CAP7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 5, 1994  
StID # 1070

Ms. Lynn Walker  
Shell Oil Company  
P.O. Box 5278  
Concord CA 95450-9998

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

**Re: Comment on March 25, 1994 Subsurface Investigation Report for  
Former Shell Service Station, 7915 E. 14th St., Oakland 94621**

Dear Ms. Walker:

Our office has received and reviewed the above referenced report which details the installation and monitoring of the four monitoring wells at this site. Based on the first groundwater sampling event, the report recommends that the additional offsite borings and hydropunch sampling and offsite well not be performed. Quarterly monitoring and re-evaluation after one year is also recommended. Prior to agreeing with these recommendations our office would like you to respond to the following observations:

1. Gradient from this first monitoring event is significantly different than the anticipated regional direction. In fact, the locations of the four monitoring wells were based on an assumed southwesterly flow direction. Our office agrees that quarterly monitoring should continue to verify gradient prior to deciding whether additional wells are necessary to adequately characterize the site in the downgradient direction. I would like to point out that there are two areas which may still have significant soil contamination. These areas are within the older former tank pit, where 1000 ppm TPHg in soil and 160 mg/l groundwater was found and in the southern portion of the site where 920 ppm TPHg in soil and 3.5 mg/l water was found. The results of the soil and groundwater sample from within the older tank pit indicates that soil excavation was not complete when these older tanks were removed.

Please identify how close MW-3 is in relation to the location of boring BH-H.

2. The high concentration of TPHg and Benzene found in MW-2 indicates several things. First, the extent of the hydrocarbon plume on the upgradient side of this site has not been determined. Please describe how you intend to make this determination. Secondly, given the closeness of residential and

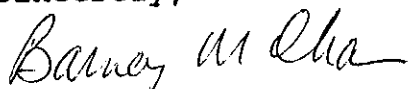
Ms. Lynn Walker  
7915 E. 14th St.  
StID # 1070  
April 5, 1994  
Page 2.

commercial properties, these concentrations of gasoline and benzene must be shown to be protective of human health and groundwater using all potential exposure pathways. Alternatively, you will need to discuss what remedial techniques will be examined for this groundwater condition.

Please respond in writing to these observations and include this reponse in your next quarterly report.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: J. Carmody, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411

E. Howell, files  
mon-7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

September 3, 1993  
StID # 1070

Mr. Randy Orlowski  
Shell Oil Company  
P.O. Box 4848  
Anaheim, CA 92803

**Re: Comment on August 19, 1993 Subsurface Investigation Work  
Plan for Former Shell Service Station at 7915 E. 14th St.,  
Oakland CA 94621**

Dear Mr. Orlowski:

Our office has received and reviewed the above referenced work plan for the subsurface investigation of this former Shell station as prepared by Weiss Associates. This work plan calls for the installation of four monitoring wells and the advancing of up to six hydropunch borings in order to locate the edge of the groundwater contaminant plume. In concept, our office agrees with this **initial** approach to determine the extent of soil and groundwater contamination and verify groundwater gradient. However, you should keep in mind that depending on the analytical results of this initial investigation, additional work may be necessary.

Prior to work plan approval, our office would like your comments on the following observations and concerns:

1. Please provide the analytical data from the soil samples: T2, T4 and T5, the sidewall samples taken from the west side of the underground tank pits.
2. On 4/26/93, I witnessed the sampling of three additional soil samples to further characterize the east end of the dispenser islands. Please provide the analytical results for these samples.
3. There appears to be areas where the extent of soil contamination has not yet been defined. These areas are north of the pump islands (on the E. 14th St. side) and west of the borings BH-H and BH-N. You should consider additional soil investigation in these two areas.

Mr. Randy Orlowski  
StID # 1070  
7915 E. 14th St.  
September 3, 1993  
Page 2.

4. Please consider moving the proposed location of the monitoring well on the 79th Ave. side southerly to be situated more downgradient to the former underground storage tanks. You should also consider installing an upgradient well near the E. 14th St. border, since the extent of groundwater contamination may not be defined in this area. This would also act as an upgradient well and the soil boring analyses from this well would address part of the concerns of item 3 above.

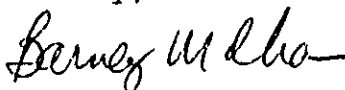
5. The work plan states that soil borings from the monitoring wells will be collected at five foot intervals for hydrogeologic description and possible chemical analysis. Please field screen all soil samples with an OVA or PID instrument. You should analyze all samples with "high" field screen readings along with the soil sample closest to groundwater.

6. The area of the former underground tanks on the east side of this site is of concern due to the high gasoline concentration in both soil and grab groundwater sample. It would appear that when the tanks were removed, significant residual contamination was left in both soil and groundwater. Should the groundwater sample from the well downgradient to this area (or any of the other wells) show high dissolved gasoline or BTEX, your next report should propose methods to remediate such contamination.

Please provide a written comment to the above County concerns to our office **within 30 days or by October 4, 1993.**

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
N. Scott MacLeod, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411  
E. Howell, files

wp-7915

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 27, 1993  
StID # 1070

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

Shell Oil Company  
Mr. Randy Kowalski  
P. O. Box 5278  
Concord, CA 94520

**Re: Request for Tank Closure Report and Work Plan for Further  
Subsurface Investigation at 7915 E. 14th St., Oakland 94621**

Dear Mr. Kowalski:

Please be aware that the oversight of the remediation and investigation of the above site has been transferred to the Local Oversight Program (LOP) section of the County's Hazardous Material Division and your contact person is the undersigned Hazardous Materials Specialist.

Our office has the following reports from Weiss Associates:

- \* October 13, 1989 Report of the November 1986 removal of the waste oil tank.
- \* December 3, 1991 Work Plan for installation of borings and possibly monitoring wells
- \* August 5, 1992 Results of Subsurface Investigation

We are also aware of verbal results of soil and grab groundwater samples from the underground tank removals performed in April of 1993. Both the verbal and reported results indicate wide spread soil and groundwater contamination, the extent of which must be determined and remediated.

At this time, our office requests a complete tank closure report which should at a minimum include:

- \* a description of tank closure activities
- \* a diagram of the tank pit, noting the location of all samples
- \* copies of the manifest for the disposal of the underground tanks and any residual products disposed of as hazardous waste
- \* copies of the chain of custody documents and signed copies of all analytical reports
- \* copies of receipts for the disposal of all soils off-hauled from the site.

Mr. R. Kowalski  
StID # 1070  
7915 E. 14th St.  
May 27, 1993  
Page 2.

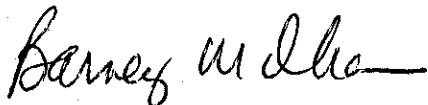
You are also requested to submit a work plan which will determine the extent of soil and groundwater contamination. The work plan should include the installation of a minimum of three groundwater monitoring wells. It appears that there are localized areas of soil contamination which should be investigated and potentially remediated.

Please provide the requested reports to our office **within 45 days or by July 7, 1993.**

You should consider this a formal request for technical reports pursuant to the California Water Code Section 13267 (b). Failure to submit the requested reports may subject Shell Oil Company to civil liabilities.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiett, RWQCB  
S. MacLeod, Weiss Associates, 5500 Shellmound St.,  
Emeryville, CA 94608-2411  
E. Howell, files

wp-7915E

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0349

RAFAT A. SHAHID, Assistant Agency Director

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

May 28, 1992

Michael R. Lozeau  
Urban Habitat Program  
300 Broadway  
San Francisco, CA. 94133

Dear Mr. Lozeau:

In response to your request of May 14, 1992, I have had the files pulled for the property at 7915 E. 14th St. Oakland, CA. There are four files with a total of 158 pages plus a 2 page plan for the installation of a waste oil tank.

As these files are numbered you may review them upon appointment as for copies you may bring your own copy machine or we will provide copies at the county rate of \$1.00 per page. We will require that your representative sign a statement of responsibility for the files they review.

If you have any questions please call me at (510) 271-4320.

Sincerely:

A handwritten signature in cursive script that reads "Edgar B. Howell III".

Edgar B. Howell III, Chief  
Hazardous Materials Division



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0349

November 8, 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  
K and K Shell, 7915 E. 14th Street  
Oakland, California 94621**

Dear Ms. Foster:

This letter is in regards to the issuance of a five year permit to operate the three underground storage tanks at the above mentioned facility. Our office had requested information pertaining to the quarterly inventory monitoring reports (October thru December 1989), for the three underground tanks. We received the information we requested from Shell Oil Company and Mr. Nick Goyal, dealer of K & K 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 me at (415) 271-4320.

Sincerely,

Susan L. Hugo  
Hazardous Materials Specialist

Enclosures (2)

cc: Mr. Robert G. Wallin, Shell Area Manager  
Mr. Nick Goyal, Dealer

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0349

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 K & K Shell located at 7915 East 14th Street, Oakland, CA 94621 on February 1, 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). If the daily inventory swings exceed the allowable levels specified in Section 2641 (5) (b), please submit to this department an explanation in writing as to the cause of the variations.

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. Goyal Krishan, Dealer  
Susan Hugo, Hazardous Materials Specialist  
Cynthia Chapman, Hazardous Materials Specialist  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0349

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

12

June 24, 1989

Mr. Joseph P. Theisen, Project Geologist  
Weiss Associates  
2938 McClure St.  
Oakland, CA 94609

Dear Mr. Theisen:

In response to your request for a file search of our records for the Shell Oil Tank Closures for the following locations, the following information is presented to you:

**ALAMEDA**

2160 Otis Dr.

(R02433)  
(R02893)

No records of tank removal available in our files with the exception of a letter from Petroleum Engineering Inc. to T. Gerow of Alameda County Health Care Services for installation plans to replace waste oil tanks.

1601 Webster

(R01042)  
(R02745)

Same information

**HAYWARD**

1097 W. Tennyson

No record of tank pull recommend you contact Hayward Fire Dept.

**LIVERMORE**

(R0769)  
(R02525) 318 S. Livermore

No record of tank pull

1155 Portola

(R01054)  
(R02566)

Inspection dated 9/27/88 requested tank closure plan for waste oil tank. No plan received to date

Mr. Joseph P. Theisen  
Weiss Associates  
Oakland, CA 94609  
June 24, 1989  
Pages 2 of 2

(R02524) 809 E. Stanley No record of tank pull

**SAN LEANDRO**

R0367) 1784 - 150th No record of tank pull

R0156) 1285 Bancroft No record of tank pull, recommend you contact the San Leandro Fire Dept.

**OAKLAND**

510 E. 14th St. No record of tank pull

(R0349) 7915 E. 14th St. No record of tank pull

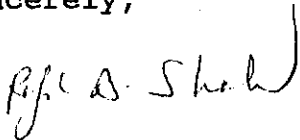
If the above tanks were pulled, we would request that you provide us with copies of any lab results from soil samples taken, manifest of the tanks or contaminated soil removed, etc.

This letter is limited to information available to this department and does not reflect other information, which may be accessible to other agencies or businesses involved with these properties.

Please find enclosed, a copy of the invoice sent to our Billing Unit, Alameda County Environmental Health Dept.

If you have any questions, please call Edgar Howell, Supervising Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,  
Hazardous Materials Program

RAS:EH:mnc

cc: Edgar Howell, Alameda County Hazardous Materials Program  
Files