

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 867

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

October 3, 1997
StID # 86

Mr. Alex Perez
Shell Products Co.
P.O. Box 4023
Concord, CA 94524

**Re: Closure of Monitoring Wells at Shell Service Station,
3750 E. 14th St., Oakland CA 94601**

Dear Mr. Perez:

This letter serves to inform you than our office has received Regional Water Quality Control Board (RWQCB) concurrence for site closure in regards to the underground fuel leak from the three fuel tanks removed prior to 1981 and the former 550 gallon waste oil tank at the above referenced site. Prior to issuing site closure, our office requests the proper closure of the four monitoring wells at this site. You may contact Mr. Andreas Godfrey of Alameda County Public Works at (510) 670-5575 for permit requirements.

I may be reached at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files
welcl13750

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0867
RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

January 21, 1992

Mr. Kurt Miller
Shell Oil Company
P.O. Box 4023
Concord, CA 94524

Re: Request for Decreased Monitoring Schedule for Shell Service
Station at 3750 E. 14th St., Oakland CA 94601

Dear Mr. Miller:

Our office has received and reviewed the fourth quarter 1991 monitoring report of the above referenced site. This report was provided by Mr. Dave Elias of Weiss Associates. This report requests the decrease of the sampling frequency for monitoring wells number one and two and the continuance of quarterly monitoring in monitoring well three. These wells are also described as the source area, cross gradient and down-gradient wells respectively. The descriptions of monitoring well one and monitoring well three are not truly accurate. If we assume the source of the ground water contamination to be the former location of underground tanks, then monitoring well one is between the potential sources ie the former waste oil and former underground storage tanks locations. This location is not in an area that would expect to detect much of the ground water hydrocarbon contamination due to the similarity of ground water elevations of these three areas. The location of monitoring well three is down-gradient however it is really down-gradient to the existing underground storage tanks and considerably down-gradient, approximately 60-90 feet, from the former USTs.

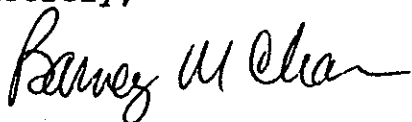
With these items in mind, I would like to address the sampling frequency request. Under the following circumstances less frequent sampling is allowed: non-detectable constituents in the well for a period of four consecutive quarters and consistent ground water levels over the same period of time. Semi-annual monitoring in this case would be acceptable. In this case it appears that only monitoring well 2 would be eligible for sampling frequency change. Future samplings may be performed on a semi-annual basis. In addition, another monitoring well should be installed in a location more closely down-gradient to the former underground tanks than that of monitoring well three. A location south of the existing building's eastern side would seem appropriate. Please provide a work plan for the installation of this requested well along with a timeframe for its completion.

Mr. Kurt Miller
Shell Oil Company
January 21, 1992
3750 E. 14th St.
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It also appears that there has consistently been detectable total petroleum hydrocarbons as gasoline and diesel and detectable benzene, above the CDHS MCL for drinking water, in monitoring well three. The gradient would likely be carrying these contaminants offsite over the past two years of sampling. Please provide a plan to assess the extent and remediate the hydrocarbon and benzene plume. Please provide the requested information to our office within 30 days. You are reminded to send copies of all reports, analytical results and work plans to Mr. Eddy So of the Regional Water Quality Control Board.

You may contact me at (510) 271-4320 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
E. So, RWQCB
H. Hatayama, DOHS
D. Elias, Weiss Associates, 5500 Shellmound St., Emeryville
CA 94608-2411

3750E14-1

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0867

December 27, 1990

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

Ms. Wendy Howell
Shell Oil Company
P.O. Box 4848
Anaheim, CA 92803

Re: Shell Service Station, 3750 E. 14th St., Oakland

Dear Ms. Howell:

This letter is in response to Shell Oil Company's request for closure at the above referenced site subsequent to the removal of the 550 gallon waste oil tank in November 1986. Please be advised that due to reassignment of districts, Ariu Levi will no longer be your contact on this case. Your new contact is Barney Chan. Any future communications should be directed to him although the County's concerns echo those of Mr. Levi, as stated in his November 21, 1989 meeting with Shell. I would like to reiterate and supplement these concerns:

1. Shell was instructed to fill out an Unauthorized Release Form due to the detection of the Total Oil and Grease of 117 ppm found in the soil sample taken initially from the excavation pit. Enclosed please find this form. Please return the completed form within thirty (30) days of receipt of this letter.
2. Shell was requested to send the county a copy of the manifest for the underground tank. This will be needed before any closure can be recommended to the RWQCB.
3. Shell was requested to verify whether or not there was any piping run to the underground tank and if so whether the piping remains or was removed with the tank. In the event that piping existed of considerable length (greater than ten (10) feet, additional soil sampling will be required.
4. Shell was to verify the analytical method performed by Soil and Water Laboratory when they analyzed the soil sample for oil and grease. Was this total oil and grease or was this the petroleum fraction of oil and grease, ie Method 503D or 503E ?

Ms. Wendy Howell
Shell Oil Company
3750 E. 14th St.
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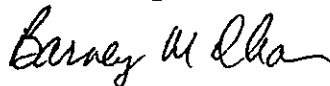
6. The County would like to clarify our position in interpreting the Tri-regional Board Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, August 10, 1990 update. As stated in CASE#1 situations, a soil/ground water investigation is required if the concentration of either total petroleum hydrocarbon and/or total oil and grease is greater than 100 ppm as was the case at this site. This would seem even more necessary due to the fact that only total oil and grease was run on the soil sample and not the full range of analyses required for waste oil underground tanks namely TPH as gasoline and diesel, chlorinated hydrocarbons, the metals, cadmium, chromium, lead, zinc and nickel and method 8270 for the semi-volatiles like PCBs.

7. The groundwater gradient at this site has not been determined and information at neighboring sites is not applicable, therefore a minimum of three monitoring wells would be required to establish the groundwater gradient. These wells could likely be used to determine the lateral extent of the contamination. After the lateral extent has been determined ground water sampling would occur and any recommendations would be contingent on these results.

Although, superficially, this site appears to have limited hydrocarbon contamination, all the above items must be addressed in order for our Department to recommend site closure. Please provide the requested information and a timetable for any future remediation. You are reminded to copy Mr. Lester Feldman of the RWQCB with all reports and proposals.

You may contact the undersigned at 271-4320 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney, Consumer &
Environmental Protection Division
Lester Feldman, SFRWQCB
H. Hatayama, DOHS
Edgar Howell, Chief Hazardous Materials Division

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0867

September 19, 1990

Eddie Tse
East 14th Auto Clinic
3750 E. - 14th St.
Oakland, CA 94601

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

Re: Waste Minimization Assessment

Dear Eddie Tse:

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

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

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

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

Sincerely,

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

EBH:kac

cc: Fire Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



R0867

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

May 9, 1990

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

Attn: Lisa Foster & Ken Lottinger

RE :Underground storage tank permitting
East 14th Auto Clinic, 3750 E. 14th Street, Oakland CA
94601

Dear Ms. Foster:

This letter is in regards to the issuance of a 5 year underground permit to operate. Our office had requested information pertaining to monthly inventory summary reports, inventory reconciliation documentation and an initial precision test record for the double walled waste oil tank at the above facility. We received the information that we had requested from Shell Oil and from Lori Der at E. 14th Shell.

As a reminder please be aware that you are required to report on your quarterly report form any daily inventory swings which exceed the allowable limit. Also, fuel inventory readings (between pump readings and tank stick readings) must be calculated daily in order to indicate a potential fuel leak to the tank operator. All records must be maintained onsite for the last three years. Enclosed is a 5 year permit to operate.

If you have any questions please contact Paul Smith with our department at 271-4320.

Sincerely,

Edgar B. Howell III, Chief,
Hazardous Materials Division

EBH:PMS:pms

Enclosures (2)

cc: Ken Lottinger, Shell Area Manager
Mr. Phil Der and Eddie Tse, Dealers

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0867

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

March 29, 1990

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

Attn: Lisa Foster & Ken Lottinger

RE: Underground storage tank permit requirements
Phil Dur and Eddie Tse Shell 3750 E 14th Street
Oakland, CA 94601

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 to evaluate whether the conditions for the 5 year underground storage permit were being met prior to its issuance. The following items need to be addressed in order to come into compliance with Title 23 of the California Code of Regulations:

Section 2641 requires that you maintain daily inventory records. These have not been maintained properly. Inventory records should be maintained on your premises for the last 3 years.

Section 2644(e,f) requires that quarterly monitoring reports (for fuel inventory) be sent to our office following each three month interval.

Section 2635(b)6,7 CCR & Sect. 25291(7)(g) H&S code require that you perform an initial tank tightness test for your double walled waste oil tank. Please provide a copy of these results to our office.

Sections 2634(d)1 & 2632(c)2, state that you must test the annular space monitoring device at least once daily and maintain a monitoring record of this at your premises.

Shell Oil Company
March 21, 1990
Page 2 of 2

The 5 year permit will be issued when the above requirements have been rectified. Please contact this office when you feel you are ready to have our department re-inspect your facility.

Please comply with the above regulations within 10 days of the receipt of this letter. If you have any questions please direct them to Paul Smith with our department at 271-4320.

Sincerely,



Edgar B. Howell III, Chief,
Hazardous Materials Division

EBH:PMS:pms

Enclosures (1)

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Ken Lottinger, Shell Area Manager
Phil Dur and Eddie Tse