

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0670

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

April 26, 1993  
StID # 3692

Ms. Susan McCormack  
17800 Castelton St., Suite 510  
City of Industry, Ca 91748

**Re: Evaluation of March 3, 1993 Report of Subsurface  
Investigation at 460 Hegenberger Rd., Oakland 94621**

Dear Ms. McCormack:

Our office has received and reviewed the above referenced report as provided by Applied Geosciences Inc. You will recall this report details the installation of three wells and the advancing and analysis of five borings at this site.

A significant problem arose from the initial "diesel" concentrations reported from the piping samples analyzed by Pace Laboratory. The confusion arose when Pace reported "diesel" but also noted that this "diesel" contains what appears to be waste oil with lighter hydrocarbons similar to those seen in diesel fuel. In the inspection report of Ms. Cynthia Chapman of our office, she observed that the piping was in good shape with no apparent holes. Because of these results and observations, three of the five borings taken were in locations totally away from the former piping and tank representing "background" samples. The other two borings were taken in the former piping trench which yielded the controversial "diesel" results.

The analytical results indicate that only TPHmo and TOG was detected in the soil and groundwater samples from the borings and monitoring wells. This is significant in that no diesel was reported this time and one of the trench samples contained 580 ppm TPHmo and 2300 ppm TOG. Of the three "background" samples boring B1-2 contained 3700 ppm TPHmo and 12000 ppm TOG, boring B2-2 contained 140 ppm TPHmo and 1800 ppm TOG and boring B3-1 contained 150 ppm TPHmo and 280 ppm TOG. These results support the theory that this site and possibly this area is underlain with backfill contaminated with motor oil and oil and grease. It is also not surprising that the shallow groundwater has been slightly impacted by the motor oil. Monitoring wells MW1 and MW2 contained 170 and 180 ug/l (parts per billion) TPHmo. Monitoring well MW-2, installed through the tank backfill contained 67 ppb TPHg and 2.5 ppb benzene and 2 ppb xylene, indicating trace contamination from the former gasoline tank.

Ms. Susan McCormack  
Union Bank  
StID # 3692, 460 Hegenberger Rd.  
April 26, 1993  
Page 2.

Initially, I had some concern that the "diesel" contamination reported in the initially trench samples analyzed by Pace Lab may not be distinguishable from a diesel release from the above ground diesel tank. It appears, however, that the gas chromatogram from the analysis of the trench samples clearly distinguishes diesel fuel from the TPHmo and TOG background contamination.

Our office, therefore, agrees with the recommendation of Applied GeoSciences that groundwater wells located on the site should be monitored on a quarterly basis TPHg, TPHmo, TOG and BTEX for a minimum of one year. After this time, our office will consider the suspension or altering of groundwater sampling depending on the results.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiatt, RWQCB  
A. Gallego, Applied GeoSciences, 1735 North First St., Suite  
305, San Jose, CA 95112  
E. Howell, files

1-460Heg

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

RAFAT A. SHAHID, Assistant Agency Director

R0670

July 14, 1992  
STID # 3692

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

Union Bank  
Ms. Susan McCormack  
17800 Castelton St., Suite 510  
City of Industry, CA 91748

Subject: Work Plan to Conduct a Subsurface Investigation at 460  
Hegenberger Rd., Oakland CA 94621

Dear Ms. McCormack:

Our office has received and reviewed the work plan for subsurface investigation at the above referenced site as provided by your consultant Applied Geosciences Inc. This work plan calls for the installation of borings and three monitoring wells to determine the type and extent of contamination. Please address the following County concerns prior to initiating the work plan:

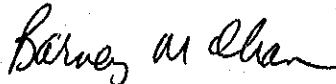
1. You are requested to provide a site specific Health and Safety Plan. You may contact this office if you need any information concerning the contents of an appropriate H & S Plan.
2. The work plan calls for the installation of four borings in the former diesel piping location and the installation of three borings in the parking area and the installation of three monitoring wells. It appears that enough samples were previously taken of the piping run to verify the existence of the apparent "waste oil" which is found in the diesel range analyses. Perhaps four samples could be taken at other perimeter locations or possibly offsite if encroachment permits are obtainable. A file search of other neighboring properties might be able to support the claim that this "diesel range" contamination is from the backfill materials.
3. Please provide the gas chromatograms for the previous and all future samples analyzed for Total Petroleum Hydrocarbons as diesel, TPHd. Standard chromatograms of fresh and aged diesel and waste oil should also be submitted.
4. It was suggested to Mr. Alex Gallego, of Applied Geosciences, that grab water samples be taken and run for the same parameters as that proposed for the monitoring well samples, ie TPH g, TPHd, TPH as oil and grease, and benzene, toluene, ethylbenzene and xylenes (BTEX). This information will help determine the extent of groundwater contamination due to gasoline components as well as the high "diesel range" components which were not analyzed for after the initial tank removals.

Ms. Susan McCormack  
Union Bank  
STID 3692  
July 14, 1992  
Page 2.

5. You are requested to notify this office 48 working hours in advance prior to sampling of the borings in the event the undersigned desires to witness the sampling.

Please address these above items in writing within thirty (30) days of receipt of this letter. You may contact me at (510) 271-4320 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: M. Thomson, Alameda County District Attorney Office  
R. Hiett, RWQCB  
A. Gallego, Applied Geosciences, 1735 North First St., Suite  
305, San Jose, CA 95112  
files

WP460Heg

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0670

RAFAT A. SHAHID, Assistant Agency Director

April 22, 1992  
STID #3692

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

Mr. Adam Geiger  
Facilities Services Officer  
Union Bank  
460 Hegenberger Rd.  
Oakland CA 94621

Re: Request for Work Plan for Subsurface Investigation at 460  
Hegenberger Rd., Oakland CA 94621

Dear Mr. Geiger:

Our office has received a number of items requested by Ms. Cynthia Chapman in her April 4, 1991 letter to you. As you are aware, these items were a result of the two underground tank removals performed at the above site in January of 1991. We are in receipt of analytical results, chain of custody documents and manifests and weight tags for the disposal of tanks and stockpiled soils.

Please be aware that the County uses the "Tri-Regional Board Guidelines" as the guidance document to determine when further investigation is required at underground storage tank removals. This document states that a subsurface soil and ground water investigation is required when a soil sample taken from one to two feet underneath a tank or piping run contains total petroleum hydrocarbons as gasoline or diesel equal to or in excess of 100 parts per million (ppm). In addition, an investigation is required when there is any detectable hydrocarbon found in a ground water sample collected from the excavation pit. Since your analytical results indicate detectable hydrocarbons in the ground water sample taken from the pit and contamination in excess of 100 ppm as diesel was found in soil samples under the piping, a subsurface investigation will be required. Enclosed please find Appendix A, Workplan for Initial Subsurface Investigation, a guidance document for the contents of a preliminary workplan published by the Regional Water Quality Control Board (RWQCB). This workplan was alluded to in Ms. Chapman's letter. Please be advised this office is working in conjunction with the RWQCB to oversee the remediation of hydrocarbon contaminated sites such as this one. The RWQCB is the agency entrusted with the protection of the waters of the state.

Please provide a work plan to our office within thirty (30) days of this letter.

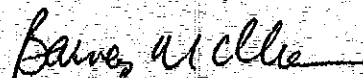
Mr. Adam Geiger  
STID # 3692  
April 22, 1992  
Page 2.

You should consider this a formal request for technical reports pursuant to the California Water Code Section 13267 (b). All workplans, analytical results or reports should be sent to our office and to that of the RWQCB to the attention of Mr. Rich Hiett. Their address is 2101 Webster St., Fourth Floor, Oakland CA, 94612. Be aware that failure to submit the requested documents may subject you to civil liabilities.

Our office also has a Memorandum of Understanding (MOU) with the Department of Health Services (DOHS). As such, we are empowered to enforce the regulations of the California Health and Safety Code (CH&SC), Division 20, Chapter 6.7. I point your attention to Section 25298 (c) 4 of the CH&SC which states that no person shall close an underground tank unless that person has taken steps to demonstrate to the appropriate agency that the site has been investigated to determine if there are any present, or were past, releases, and if so that appropriate corrective or remedial actions have been taken. Section 25299 (5) allows for the civil penalty of not less than \$500 or more than \$5,000 for each underground tank for each day which the operator or owner fails to properly close an underground tank as required by Section 25298. Failure to submit the requested documents may subject Union Bank to these civil liabilities in addition to referral of this case to the District Attorney Office for enforcement.

Please contact me at (510) 271-4320 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

enclosure

cc: M. Thomson, Alameda County District Attorney Office  
R. Hiett, RWQCB  
L. Freschi, 260 Pershing Dr., Oakland CA 94611  
WP460Heg

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0670

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

June 11, 1991

ATTN: Mr. Adam Geiger

Union Bank  
460 Hegenberger Rd.  
Oakland, Ca 94621

RE: Project # 2074A - R  
at 460 Hegenberger Rd. in Oakland 94621

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 \$558.00, 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 Cynthia Chapman at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief  
Hazardous Materials Division

EH:lp

cc: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ROG70

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

April 4, 1991

Mr. Adam P. Geiger  
Facilities Services Officer  
Union Bank  
460 Hegenberger Road  
Oakland, CA 94621

Dear Mr. Geiger:

I am following up on the tank removal activities that have occurred at Union Bank, 460 Hegenberger Road, Oakland. Our office has received facsimile results of the tank sample analyses. I am requesting a complete closure report that provides the following:

- Chain-of-Custody Sheets
- Original signed laboratory reports
- Copies of manifests and any certificates of destruction for the tanks, and a description of where stockpiled soils were disposed of

Please provide this to our office within 15 days of the date of this letter.

A review of the sampling results for the pipeline indicate that there is hydrocarbon contamination along that area of the property. The analyses indicated that hydrocarbon contamination (TPH) does not appear to match diesel fuel #2, and no values of benzene, toluene, ethylbenzene, and xylene (BTEX) were detected. The analyses for the soil samples taken from the tank pit in January show low TPH and BTEX values; the water sample values exceed the Maximum Contaminant Levels set for benzene and toluene, and TPH values from the water samples were 7,500 and 6,600 parts per billion. The water the samples were obtained from had not been purged prior to sampling.

Based on the contaminant levels, I have completed an Unauthorized Release Report for the Regional Water Quality Board (RWQCB). The purpose of this report is to inform the RWQCB that there has been a release of hydrocarbon contaminants from this site that may impact groundwater. To be removed from this list, Union Bank needs to perform a site investigation to determine the extent of soil contamination and to determine if groundwater has been impacted. The results of this investigation are to be forwarded to this office and to the RWQCB.



Union Bank  
April 4, 1991  
Page 2

The following are specific items that are to be included in the investigation:

- ★ Provide a complete site history. Information should include a description of all previous activities that have occurred at this site, going back to unused land, if possible.
- ★ If soil borings or groundwater monitoring wells are installed, borings are to be logged from undisturbed samples, and logs are to be included in the report. Rationale for placement of borings and wells is to be provided. Impact of contaminants on groundwater is to be determined by groundwater sampling. All samples are to be analyzed by a California State Certified Laboratory for the appropriate constituents.
- ★ All reports must be signed by a California certified Engineering Geologist, or a state registered Geologist, or state registered Civil Engineer.

This report is to be submitted to our office and to the attention of Mr. Rich Hiatt at the RWQCB. The address is:

Regional Water Quality Control Board  
2101 Webster Street, 5th Floor  
Oakland, CA 94612

We will require a deposit/refund for reviewing the investigation report at the time of submittal. The amount will be determined based upon a preliminary review of the report.

If you have any questions, feel free to call me at 415/271-4320.

Sincerely,

*Cynthia Chapman*

Cynthia Chapman  
Hazardous Materials Specialist

c: Rich Hiatt, RWQCB

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ROG70

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

February 8, 1991

Mr. Ron Ridley  
Envirosafe  
5137-A Port Chicago Highway  
Concord, CA 94520

RE: Union Bank, 460 Hegenberger Road, Oakland

Dear Mr. Ridley:

This letter is in response to your request to backfill the tank excavation at Union Bank. Our office will allow backfill with clean fill. All soil excavated from both the piping line and the tank pit is to be disposed of at an appropriate disposal facility.

If you have any questions, please call me at 415/271-4320.

Sincerely,

*Cynthia Chapman*

Cynthia Chapman  
Hazardous Materials Specialist