

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



8-2-02

August 2, 2002

Mr. Aaron Bennett
Department of Transportation
Box 23660
Oakland CA 94623-0660

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

Dear Mr. Bennett:

Subject: Fuel Leak Case RO0000397, 1112 29th Ave., Oakland, CA 94601, South Oakland Maintenance Facility

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the July 29, 2002 Second Quarter 2002 Groundwater Monitoring Report prepared by PSI, your consultant. We have determined that additional information is needed to progress this site towards closure. Please address the following technical comment below.

Prior to consideration of site closure, you must verify that the residual dissolved contaminants pose no threat to potential receptors. You must also verify that existing conditions do not warrant remediation. Your investigation may include, minimally, the following:

- Evaluation of potential conduits, which may include utilities, porous fill or native material, culverts, storm or sewer lines and creeks.
- Identification of nearby sensitive receptors and evaluation their risk to exposure. This may include estimating the exposure concentration of each contaminant using acceptable fate and transport models.
- Verification of the lateral and vertical extent of contamination.
- Illustration that the plume is stable or diminishing and a
- Risk evaluation to human health and the environment

Please provide your report responding to these items prior to closure recommendation. 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. Frank Poss, PSI, 4703 Tidewater Ave., Oakland, CA 94601

Req1112 29thAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



05-13-02

ENVIRONMENTAL HEALTH SERVICES

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

May 9, 2002

Mr. Aaron Bennett
Department of Transportation
Box 23660
Oakland, CA 94623-0660

Dear Mr. Bennett:

Subject: Fuel Leak Site RO0000397, 1112 29th Ave., Oakland, CA 94601

Alameda County Environmental Health, Local Oversight Program (LOP), has recently reviewed the file for the referenced site including the September 2001 Off-Site Investigation and Groundwater Monitoring report and the April 2, 2002 First Quarter 2002 Groundwater Monitoring Report prepared by PSI, your consultant. Our office concurs that further off-site investigation is not warranted at this time, however, we recommend that some consideration be given to remediate the gasoline and MTBE plume within and down-gradient of the former underground tanks. The concentration of these chemicals is highest in MW-3 and has fluctuated over time, not showing a stable or decreasing trend. In order to ready this site for closure, we request that you consider options to remediate this plume.

Please comment and provide a recommendation for remediation along with your next groundwater monitoring report. 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. F. Poss, PSI, 4703 Tidewater Ave., Suite B, Oakland, CA 94601

Remrq1112 29thAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



9-170)

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

September 14, 2001
StID 2933/RO0000397

California Department of Transportation
Division of Environmental Engineering
Ms. Frances Maroni
P.O. Box 23660, Mail Station 8A
Oakland, CA 94623

**Re: Off-Site Investigation at the All Aboard Mini Storage, South of DOT South
Maintenance Station, 1112 29th Ave., Oakland, CA 94601**

Dear Ms. Maroni:

Our office has received and reviewed the August 23, 2001 work plan for the off-site investigation of the petroleum release from the referenced site as prepared by Professional Service Industries (PSI), your consultant. This work plan proposes the advancement of three borings down-gradient of the former underground tanks at the Cal Trans South Maintenance facility and the collection of soil and groundwater samples for chemical analysis. Total petroleum hydrocarbons as gasoline and volatile organics by EPA Method 8260 will be analyzed in these samples.

I have spoke with you today and been informed that this work has already occurred. I can only express my concern that the groundwater gradient indicates that boring B-10 is in the apparent down-gradient direction from the former USTs, therefore, any additional boring(s), if necessary, should be further down-gradient of B-10. I await the results of this subsurface investigation and the monitoring of the existing wells and reserve any comments until then.

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. F. Poss, Professional Service Industries, 4703 Tidewater Ave., Suite B, Oakland 94601
Offsitewp1112 29thAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



11-30-00

20397

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

November 30, 2000
StID # 2933

Ms. Frances Maroni
California Department of Transportation
P.O. Box 23660, Mail Station 8A
Oakland CA 94623

**Re: Request for Off-Site Investigation Work Plan for South Oakland Maintenance Station,
1112 29th Ave., Oakland CA 94601**

Dear Ms. Maroni:

Our office has received and reviewed the Third Quarter 2000 Groundwater Monitoring Report prepared by Professional Services Industries (PSI). Elevated MTBE levels continue to be found in well MW-3, down-gradient to the former underground tank pit. As you are aware, a prior sensitive receptor survey identified a potential deep industrial well located on the former Del Monte plant, currently the Fruitvale shopping center, located down-gradient of this site. Your consultant continues to recommend the assessment of groundwater further down-gradient of this site. Our office concurs with this recommendation. Due to the narrow property boundaries, this will require an off-site investigation.

My prior 8/28/00 correspondence offered to meet on-site to discuss various locations and options for this additional investigation. It appears that several sampling points will be required in addition to at least one permanent well. **Please submit a work plan for your off-site investigation to our office within 45 days or no later than January 15, 2001.**

You may contact me at (510) 567-6765 if you have any questions, comments or would like to discuss options for your work plan.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. F. Poss, PSI, Inc., 1320 West Winton Ave., Hayward, CA 94545
Wprq1112 29thAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 8-28-2000

RO# 397

August 28, 2000
StID # 2933

California Department of Transportation
Division of Environmental Engineering
Ms. Kathy Gill
P.O. Box 23660, Mail Station 8A
Oakland CA 94623

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

**Re: Site Investigation Report, South Oakland Maintenance Station, 1112 29th Ave.,
Oakland CA 94601**

Dear Ms. Gill:

Our office has received and reviewed the **August 18, 2000 Hazardous Waste Preliminary Site Investigation Report** for the above site as prepared by Professional Service Industries, Inc. (PSI), your consultant. This report details the installation of four monitoring wells and soil and groundwater sampling associated with the investigation of the gasoline and MTBE release at this site. The results of this investigation confirm the results of the 1999 soil boring investigation, which detected elevated MTBE in grab groundwater samples. Although MTBE was detected in all four monitoring wells, the highest concentration was found in MW-3 where 5,000 ppb MTBE was reported. Tertiary butyl alcohol (TBA) and tertiary amyl methyl ether (TAME) were also detected in this groundwater sample along with TPHg and BTEX. MTBE, although reported in soil samples, may be the result of groundwater migration since these soil samples were taken at the depth to groundwater or deeper.

Because of the elevated MTBE level found in groundwater and the potential deep industrial well at the former Del Monte plant, down-gradient of this site, our office concurs with your consultant's recommendation to install additional down-gradient monitoring well(s). We also concur with the recommendation of continual quarterly groundwater sampling of the same chemical analytes with the exception of TPHd. Since TPHd was not detected in MW-3, you may discontinue its analysis during the quarterly monitoring. Because there are significant obstacles in obtaining off-site access for monitoring well installation, please provide a map and description of your options for this additional investigation. I am available for a site meeting to discuss your proposal or offer suggestions.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. F. Poss, PSI, Inc., 1320 West Winton Ave., Hayward, CA 94545

SSI1112 29th Ave

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 5-30-2000
incl cc's

20397

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

May 30, 2000
StID # 2933

California Department of Transportation
Division of Environmental Engineering
Ms. Kathy Gill
P.O. Box 23660, Mail Station 8A
Oakland CA 94623

**Re: Work Plan for Hazardous Waste Site Investigation for South Maintenance Station,
1112 29th Ave., Oakland CA 94601**

Dear Ms. Gill:

Our office has received and reviewed the May 10, 2000 work plan for the installation of four monitoring wells at the above referenced site, prepared by your consultant, Professional Service Industries, Inc. (PSI). As we have discussed, because of the difficulty in finding an appropriate location immediately off-site and down-gradient of the former underground tanks, our office concurs that as a first step, the monitoring wells should be installed on the property of the maintenance facility. Therefore, our office approves of the work plan for the installation of the four monitoring wells, however, we have the following conditions and observations:

- In addition to analyzing the soil and groundwater samples for TPHg and VOCs by EPA 8260, please run the water sample from the center well (north of B7) for TPH as diesel and run the water sample from the eastern well (north of B8) for halogenated volatile organics. This request is based upon past detection of these compounds in samples from the nearby borings.
- Please include your information on the existing industrial well on the former Del Monte site in the forth-coming investigation report.
- Please notify our office prior to conducting this 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
Mr. John Whiting, PSI, Inc., 1320 West Winton Ave., Hayward, CA 94545

Wpap1112 29th

SENT 4-17-2000
incl cc's

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

20397

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

April 14, 2000
StID # 2933

California Department of Transportation
Ms. Kathy Gill
P.O. Box 23660
Oakland CA 94623

NOTICE OF VIOLATION

**Re: Request for Work Plan for the Installation of Monitoring Wells at 1112 29th Ave.,
Oakland CA 94601**

Dear Ms. Gill:

Our office wrote to you in my February 7, 2000 letter commenting on the Hazardous Waste Preliminary Site Investigation Report, prepared by PSI, for the above referenced site. As you may recall, this report identified elevated (5,600 ppb) levels of MTBE in the down-gradient water samples from the investigative borings. This report also identified the presence of a potential deep industrial well located on the former Del Monte Plant located about 150' from this site.

Our office concurred with your consultant's recommendation for the installation of a minimum of three (3) monitoring wells at this site. Presumably, the wells would need to be off-site, towards the former Del Monte Plant. You were requested to submit a work plan by March 20, 2000. As of this date, our office has not received any such report. Please also provide all information available as to the construction and closure of the two industrial wells mentioned in the PSI report. Because of the potential impact of MTBE to these wells, our office is considering this a Class A, high priority MTBE site and has passed this information to the RWQCB.

Please provide the requested technical information within 45 days or no later than May 31, 2000.

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. F. Poss, PSI, Inc., 1320 West Winton Ave., Hayward, CA 94545
Mr. C. Headlee, RWQCB

NOV1112 29th Ave.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



0002 8 0 831
cc's

20397

February 7, 2000
StID # 2933

California Department of Transportation
Ms. Kathy Gill
P.O. Box 23660
Oakland CA 94623

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

**Re: Hazardous Waste Preliminary Site Investigation Report for South Oakland
Maintenance Station, 1112 29th Ave., Oakland CA 94601**

Dear Ms. Gill:

Our office has received and reviewed above referenced report as prepared by your consultant, Professional Service Industries, Inc. (PSI). In addition to detailing the results of the August 1999 soil and groundwater investigation, it provides a Sensitive Receptor Survey and a recommendation section. It is apparent that the release from the former underground tanks consists mainly of total petroleum hydrocarbons as gasoline (TPHg), BTEX and MTBE. Although there appears also to be a minor chlorinated solvent release, its source may not be from the former USTs.

The Sensitive Receptor Survey identified a potential conduit to the deep aquifer, an industrial well on the former Del Monte Plant at 1100 29th Ave., approximately 150' southwest of the site. It is therefore, important to determine the lateral and vertical extent of the MTBE contamination, since it likely moves faster and is less likely to be bio-degraded when compared to the gasoline and BTEX. Our office concurs with your consultant's recommendation to install 3-4 monitoring wells. It appears that several of these wells will need to be off-site given the known extent of contamination.

Please submit a work plan for the installation of a minimum of three monitoring wells. This investigation should include the sampling of soil and groundwater for the following parameters: TPHg, BTEX by EPA Method 8020, MTBE with confirmation with EPA Method 8260 and chlorinated solvents. You should also attempt to determine the vertical extent of contamination as subsurface conditions indicate the potential for vertical migration.

Please submit your work plan to our office within 45 days or no later than March 20, 2000.

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. F. Poss, PSI, Inc., 1320 West Winton Ave., Hayward CA 94545

Mwwp1112 29th

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0397

ENVIRONMENTAL HEALTH SERVICES

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

July 23, 1999
StID #2933

California Department of Transportation
Ms. Kathy Gill
P.O. Box 23660
Oakland CA 94623

**Re: Draft Work Plan for Subsurface Investigation at South Oakland Maintenance Station,
1112 29th Ave., Oakland CA 94601**

Dear Ms. Gill:

Our office has received and reviewed the July 20, 1999 Draft Workplan for additional soil and groundwater investigation prepared by Professional Service Industries, Inc. (PSI), your consultant. This work plan proposes two phases of investigation to follow-up the initial one. The purpose of the investigation is to determine if any preferential pathways exist and determine the extent of MTBE contamination in soil and groundwater.

Three geoprobe borings, B7 through B9, are proposed in the assumed down-gradient direction relative to the former underground tanks. Soil samples and one groundwater sample will be collected from each borehole and analyzed for TPH as gasoline, TPH as diesel and volatile organics by EPA Method 8260.

This work plan is accepted. Please submit a signed final copy of the work plan. You may schedule this work as soon as possible. Please notify our office 72 working hours prior to performing the work.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. F. Poss, Professional Service Industries, Inc., 1320 W. Winton Ave., Hayward, CA 94545
Drftwp1112 29th

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO397

ENVIRONMENTAL HEALTH SERVICES

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

May 28, 1999
StID # 2933

California Department of Transportation
Ms. Kathy Gill
P.O. Box 23660
Oakland CA 94623

**Re: Site Investigation Report for South Oakland Maintenance Station, 1112 29th Ave.,
Oakland, CA 94601**

Dear Ms. Gill:

Our office has received and reviewed the final version of the above referenced report prepared by Professional Services, Inc. The report details the results of soil and groundwater samples taken from six temporary wells installed around the former gasoline and diesel underground tanks. The most notable data from the investigation is the significant concentration of MTBE detected in the groundwater sample from B5; 6,600 ppb. Low levels of chlorinated solvents were also detected in water samples from B4 and B6.

Based on the presence of MTBE in B5, our office agrees with your consultant's opinion that further groundwater investigation is warranted in the area around B5. Please provide a work plan to perform additional groundwater investigation around B5 **within 45 days or by July 12, 1999**. You should continue to analyze the groundwater samples for the volatile analytes included in EPA Method 8260. Please also perform a utility and preferential pathway study and identify any sensitive receptors. If MTBE concentrations are again identified at elevated levels, permanent wells will be required.

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. F. Poss, Professional Service Industries, Inc., 1320 W. Winton Ave., Hayward 94545

Supwp1112 29th

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

Ro# 397

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

April 5, 1999
StID # 2933

California Department of Transportation
Ms. Kathy Gill
P.O. Box 23660
Oakland CA 94623

**Re: Workplan for Site Investigation, South Maintenance Station, 1112 29th Ave.,
Oakland, CA 94601**

Dear Ms. Gill:

Thank you for the submission of the final work plan for soil and groundwater investigation for the above site. As you are aware, our office had previously discussed the contents of the "draft" work plan with you. The final work plan contains those items previously commented on ie

- Signature of the lead registered professional from your consultant
- Minimally locating the closest borings next to the former tank pit no closer than 10'
- Specifying that all soil samples collected would be run by the certified lab and
- Taking groundwater elevation measurements from all temporary wells for the development of a groundwater gradient map.

An appropriate part of the report summarizing this investigation would also include a RBCA evaluation and a recommendation for the site.

Our office, therefore, approves of this work plan. I further understand that this work is scheduled to begin on 4/6/99. Please let me know if this schedule is still accurate.

You may contact me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. F. Poss, Professional Service Industries, Inc., 1320 West Winton Ave., Hayward, CA
94545

wpap1112-29th

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 397

February 10, 1999
StID # 2933

Mr. Subhash Agarwal
Department of Transportation
111 Grand Ave.
P.O. Box 23660
Oakland CA 94623-0660

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

SECOND NOTICE OF VIOLATION

Re: Request for Work Plan for Subsurface Investigation at 1112 29th Ave., Oakland 94601

Dear Mr. Agarwal:

Our office last corresponded with you in my August 31, 1998 Notice of Violation. This letter requested a work plan for additional subsurface investigation regarding the potential release of petroleum hydrocarbon from the former diesel and gasoline tanks at this site. Your work plan was requested by September 30, 1998. To date, our office has not received nor heard from Cal Trans.

As you may recall, although the results of soil samples from this tank removal were low, there was a definite potential for groundwater to have been impacted with petroleum. There were apparent cracks observed in the 4000 gallon diesel tank which drained liquid into the tank pit. Groundwater was removed from the pit and Cal Trans proposed to install a monitoring well adjacent to the tank pit. It may not, however, be necessary to install a permanent well, since a subsurface investigation with temporary borings may be sufficient.

Please submit an appropriate work plan to our office within 30 days or by March 11, 1999.

This is a formal request for technical reports pursuant to Title 23 California Code of Regulations. The failure to submit the requested report may subject Cal Trans to civil liability. Furthermore, the Water Board and/or the District Attorney Office may independently assess similar fines.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 397

August 31, 1998
StID # 2933

Mr. Micheal Hilliard
Department of Transportation, District 4
111 Grand Ave.
P.O. Box 23660
Oakland CA 94623-0660

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

NOTICE OF VIOLATION

**Re: Request for Work Plan for Subsurface Investigation for Oakland Maintenance Yard,
1112 29th Ave., Oakland CA 94601**

Dear Mr. Hilliard:

As you are aware, subsequent to the removal of two underground fuel tanks from the above site on March 11, 1997, our office requested a work plan for site investigation. This was based upon the perceived threat of impact to groundwater from the release from the former 4000 gallon diesel and 2000 gallon gasoline tanks. Our office recommended the initial advancement of borings around the former tank pits and the analysis of soil and groundwater samples. This work could reveal whether the release is minor and localized, therefore, may require no further work or it could indicate a larger problem. Your work plan was to be submitted by **June 6, 1997**. To date, our office has not received the requested technical report from you. We have only received the Unauthorized Release (Leak) Report from your office.

Please submit an appropriate work plan for subsurface investigation **within 30 days or by September 30, 1998**.

This is a formal request for technical reports pursuant to the Water Code and the Title 23 California Code of Regulations. The failure to submit the requested reports may subject you to civil liability.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO#397

May 5, 1997
StID # 2933

Mr. Micheal Hilliard
Department of Transportation, District 4
111 Grand Ave.
P.O. Box 23660
Oakland CA 94623-0660

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

Re: Oakland Maintenance Yard, 1112 29th Ave., Oakland 94601

Dear Mr. Hilliard:

Our office has received and reviewed the April 21, 1997 UST Closure Report for the above site as prepared by A. E. Schmidt Environmental. The analytical results are from soil samples taken after the removal of the two underground fuel tanks (1-4000 gallon diesel and 1-2000 gallon UL gas) at the above site. As you are aware, an apparent release of petroleum hydrocarbon to the soil and water was observed. As a result, overexcavation and water removal was performed. It was unclear, however, whether the water encountered during the tank removal was groundwater or surface water infiltration.

Because of the analytical results and observations, this site has been transferred to the Local Oversight Program (LOP), within Alameda County Environmental Health, Hazardous Materials Division. Our office has been delegated by the Regional Water Quality Control Board (RWQCB), to be the local agency which will oversee such releases to soil and/or groundwater. A Notice of Requirement to Reimburse (NORR) letter will be sent to your attention informing you of this administrative action.

As discussed during the tank removal, our office will require a soil and groundwater investigation to determine the extent of the petroleum contamination. In order to do this, you are required to submit a work plan to perform an appropriate investigation. At a minimum, several borings should be advanced around the former tank pit. Both soil and groundwater samples should be taken for chemical analysis. Based upon the results of this investigation, site closure or further investigation will be recommended.

Enclosed, please find an Unauthorized Release (Leak) Report (ULR). Please fill out this form and return to our office **within 10 days of receipt.**

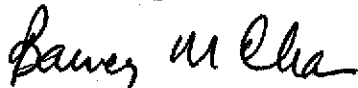
Please submit your work plan for subsurface investigation **within 30 days or by June 6, 1997.**

Mr. Micheal Hilliard
StID # 2933
1112 29th Ave.
May 5, 1997
Page 2.

This is a formal request for technical reports pursuant to both the Water Code and the California Health and Safety Code. Failure to submit the requested reports may subject you to civil liability.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

enclosure

c: B. Chan, files
Mr. C. Thixton, A. E. Schmidt Env., 16509 Saticoy St., Van
Nuys, CA 91406
wp1112

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0# 397

February 12, 1997

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

Mr. Guadalupe Thomas, Area Superintendent
California Department of Transportation
Specialty Region
1112 29th Ave.
Oakland, California 94601

Site # 2933

Re: **FIVE YEAR UNDERGROUND STORAGE TANK PERMIT AT
CAL TRANS MAINTENANCE YARD, 1112 29TH AVENUE, OAKLAND,
CALIFORNIA, 94601**

Dear Mr. Guadalupe Thomas:

Enclosed is your five year permit to operate one 2,000 gallon gasoline tank and a 4,000 gallon diesel fuel tank, at the above referenced facility. These tanks are both single-walled. It remains unconfirmed if they are constructed of fiberglass or bare steel. The associated piping is also single-walled with suction type dispensers mounted directly on top of the tanks.

To operate under a valid permit, you are required to comply with the conditions in Title 23 of the California Code of Regulations (CCR). Based on these requirements, each tank is monitored by a Veeder-Root 350 TLS (electronic) automatic tank gauge system. In addition, the piping must be inspected daily for proper operation and may be vacuum tested triennially, as described in these regulations. Monitoring requirements also includes submitting monthly tank testing results and/or annual reports which detail unusual operating conditions, leak investigations, monthly variations, repair work, equipment maintenance work and certifies both systems are still tight.

You may consult the revised Title 23, CCR for additional requirements. To obtain a copy of the regulations, contact the State Water Resources Control Board at (916) 657-0917.

Please, do not hesitate to contact me with any questions at (510) 567-6731, Tuesday through Friday.

Sincerely,

Kevin Tinsley
Hazardous Materials Specialist

c, Amir Gholami, Hazardous Materials Specialist, Al.Co. E.P.S.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0397

RAFAT A. SHAHID, Assistant Agency Director

October 19, 1993

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

Larry Burroughs
1112 29th Ave.
Oakland CA 94601

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE
TANKS (UST'S)**

Dear Mr. Burroughs:

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items and return them to me within 30 days. The example plans enclosed, should be used only as guidelines and may not meet your requirements under Title 23.

1. Complete UST PERMIT FORM A-one per facility. (enclosed)
2. Complete UST PERMIT FORM B-one per tank. (enclosed)
3. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
4. A written tank monitoring plan. (enclosed)
5. Results of precision tank test(s) (initial and annual).
6. Results of precision pipeline leak detector tests (initial and annual).
7. An accurate and complete plot plan. (enclosed)
8. A written spill response plan. (enclosed)
9. a copy of your inventory reconciliation data for the last three months.

Title 23 of the California Code of Regulation (CCR) prohibits the operation of ANY UST without a permit. Please be advised that Title 23 CCR requires either installation of automatic tank gauging device in single wall tanks where the ground water level is less than 20 feet from bottom of the tank or getting your stick readings evaluated by Statistical Inventory Reconciliation (SIR) method for tank monitoring by an approved third party company. Please feel free to contact me at (510) 271-4320, if you have any questions which may arise in completing the mandatory five-year permit process.

Sincerely,


Amir Gholami, REHS
Hazardous Materials Specialist

cc: files

5YRALL

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0397

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

June 29, 1993

Ms. Margaret Gabil
Cal Trans- Department of Transportation
1112- 29th Ave.
Oakland, CA 94601

**Re: Recommendation for No Further Work at 1112- 29th Ave.,
Oakland CA 94601**

Dear Ms. Gabil:

Thank you for the submission of the tank closure report for the above site. This letter is to inform you that no further work will be required by our division at the above reference site in regards to the removal of the 1,000 gallon Chevron 51-L tank. Our office has received and reviewed the analytical results of soil samples and manifests for the tank and waste petroleum liquid. The results also indicate that you may use the stockpiled soils as clean backfill.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: E. Howell, file
SO-1112-29

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



R0397

Telephone Number: (415)

January 24, 1990

Mr. Jack A. Giolitti
Department of Transportation
Special Crews
1112 - 29th Ave.
Oakland, CA 94601


Dear Mr. Giolitti:

Enclosed please find a copy of Alameda County's Underground Tank Closure/Modification Plan for the underground solvent tank that you proposed to remove. Please submit a check in the amount of \$333, made payable to Alameda County for our review and oversight of this removal.

Because an underground tank must either be permitted or closed, you should proceed as soon as possible with the completion of this form and offer a proposed date of removal, pending approval of closure plan.

Should you have any questions, please call Barney Chan at (415) 271-4320.

Sincerely,


Edgar B. Howell III
Acting Chief, HazMat Division

BC:mam

Enclosure