

Ro 397

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



2007 JAN 10 AM 8:30

January 9, 2007

Mr. Steven Plunkett  
Alameda County Environmental Health Service  
Environmental Protection  
1131 Harbor Bay Pkwy; Suite 250  
Alameda, California 94502-6577

SUBJECT: Fuel Leak Case Number RO000397, Caltrans, 1112 29<sup>th</sup> Street, Oakland, CA

Dear Mr. Plunkett:

In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code,  
I, Ray Boyer, certify that Caltrans is the sole landowner for the above site.

If you have any questions or require additional information, please contact Bahram Sazegar at  
(510) 286-5643.

Sincerely,

A handwritten signature in black ink that reads "Ray Boyer".

RAY BOYER  
District Branch Chief  
Office of Environmental Engineering

cc: John Love, Geocon

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

7

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

December 13, 2006

Mr. Bahram Sazegar  
California Department of Transportation  
Office of Environmental Engineering  
111 Grand Avenue  
Oakland, CA 94612

Pacific Thomas Inc.  
1818 Mount Diablo Boulevard #D  
Walnut Creek, CA 94596-4430

Subject: Fuel Leak Case Number [REDACTED], Cal Trans, 1112 29<sup>th</sup> Street, Oakland, CA

Dear Mr. Sazegar:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site and the documents entitled, "2005 Annual Groundwater Monitoring Report", and "Low Risk Case Closure Summary Report", dated June 2005 and June 2006, respectively. The most recent groundwater analytical data from May 2005 indicate elevated concentrations of 1,300 µg/L, 40 µg/L and 3,200 µg/L of dissolved TPHg and Benzene and MtBE in MW-3, near the southwest boundary of the site. In addition, soil borings B-5 and B-7 installed in 4/1999 detected concentrations of 5,600 µg/L and 6,600 µg/L of TPHg and MtBE in groundwater, respectively.

Furthermore, prior to considering your site for case closure and pursuant to CCR Sections 2729 and 2729.1 you must submit evidence to indicate that you have satisfied the following SWRCB requirements: Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation. Please perform the electronic submittals for applicable data and submit verification to this Agency by **January 15, 2007**.

The fuel leak case file for the above-referenced site is under review for case closure by Alameda County Environmental Health (ACEH). If case closure is approved, the fuel leak case will be closed with the following site management requirement:

*"Case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated. This*

*site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination posing a nuisance for subsurface utility work."*

Please provide the certification requested below in the Landowner Notification Requirements that you have notified all responsible landowners of the request for case closure or that you are the sole landowner.

#### **LANDOWNER NOTIFICATION REQUIREMENTS**

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

For you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. *In accordance with Section 25297.15(a) 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)*

*request for case closure*

*local agency intention to make a determination that no further action is required*

*local agency intention to issue a closure letter*

- OR -

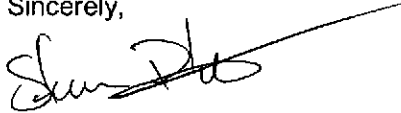
B. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

**(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)**

Mr. Bahram Sazegar  
December 12, 2006  
Page 3

If you have any questions, please call me at (510) 383-1767

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Plunkett", with a long horizontal line extending to the right.

Steven Plunkett  
Hazardous Materials Specialist

cc: John Love  
Geocon Consultants, Inc.  
2356 Research Drive  
Livermore, CA 94550-3848

Donna Drogos, ACEH  
Steven Plunkett, ACEH  
File

PO 397

April 29, 2004

Mr. Amir Gholami  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Alameda County  
MAY 2004  
Environmental Health

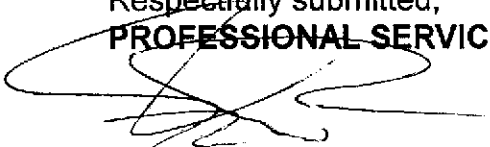
**Subject: 2nd Quarter 2004 Groundwater Monitoring  
Caltrans South Oakland Maintenance Yard  
1112 29<sup>th</sup> Avenue, Oakland, California  
PSI Project No.: 575-4G019**

Dear Mr. Gholami:

This letter is to inform you that Professional Service Industries, Inc. (PSI) will be completing quarterly groundwater monitoring of the four wells located at the above referenced facility on May 5, 2004. Monitoring will be conducted according to the protocol and analytical suite of previous quarters.

If you have any questions regarding the scheduling of the quarterly monitoring, please do not hesitate to call.

Respectfully submitted,  
**PROFESSIONAL SERVICE INDUSTRIES, INC.**



Frank R. Poss  
Senior Technical Professional

cc: Mr. Bahram Sazegar – Caltrans

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

August 2, 2002

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

Dear Mr. Bennett:

Subject: Fuel Leak Case RO0000397, 1112 29<sup>th</sup> 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



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 29<sup>th</sup> 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

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



R0397

May 06, 2002

Mr. Barney Chan  
Alameda County Environmental Health Service  
Environmental Protection  
1131 Harbor Bay Pkwy; Suite 250  
Alameda, California 946502-6577

Subject: First Quarter 2002 Groundwater Monitoring Report at  
1112 29<sup>th</sup> Avenue, South Oakland Maintenance Station, Oakland, California

Dear Mr. Chan:

Please find the attached First Quarter 2002 Groundwater Monitoring Report for the Maintenance Station at 1112 29th Avenue. This document summarizes the results found at the site from samples taken from the four monitoring wells. TPH-G was found in MW-1, and MW-3 at 0.69 and 3.23 mg/l. Also Benzene and MTBE were found at levels above the primary drinking water standards in MW-1 and MW-3.

In the September 2001 Preliminary Site Investigation Report for the South Oakland Maintenance Station, in which the lateral extent of groundwater contamination was examined, it was concluded that MTBE had not migrated down gradient of the Maintenance Station.

CalTrans will continue monitoring groundwater at this site for the next three-quarters of the year.

If you have any questions or require additional information, please contact me at (510) 286-5668 or Mr. Aaron Bennett of my staff at (510) 286-4934.

Sincerely,

RANDELL IWASAKI  
District Director

By: 

RAY BOYER  
District Branch Chief  
Office of Environmental Engineering

Attachment

cc: SFRWQCB, RBoyer, File



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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 29<sup>th</sup> 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,

A handwritten signature in cursive script that reads "Barney M. Chan".

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

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



# 2933 / 397

SEP 14 2001

September 10, 2001

Mr. Barney Chan  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Subject: Off-Site Investigation at the All Aboard Mini Storage located south of the California Department of Transportation's South Oakland Maintenance Station in Oakland, California

Dear Mr. Chan:

Attached is a copy of PSI's Work Plan for a "*Hazardous Waste Preliminary Site Investigation*" dated August 23, 2001 for work to be performed at the above-referenced site. The work includes a site investigation to install three boreholes down gradient and off-site to the Caltrans property to define the lateral and vertical extent of specific gasoline constituents in the ground water. No monitoring wells will be installed off-site and it is anticipated the fieldwork will be completed in September 2001. The four monitoring wells on-site will be sampled at the same time.

If you have any questions or require additional information, please contact Ms. Frances Maroni of my staff at (510) 286-5657.

Sincerely,

HARRY Y. YAHATA  
District Director

By:

RAY BOYER  
District Branch Chief  
Office of Environmental Engineering

Attachment

cc: RBoyer, File

Press [ESC] for the menu

SNY UPDATED 3/31/01

UNDERGROUND STORAGE TANK CLEANUP SITE

-LOP:A-TRemov:I-SLIC:-

SITE ID: 2933	SOURCE OF FUNDS: F	SUBSTANCE : 8006619
SITE NAME: Cal Trans		DATE REPORTED : 05/02/1997
SITE ADDRESS: 1112 -0 29th Ave		DATE CONFIRMED: 05/02/1997
CITY: Oakland	ZIP CODE: 94601	MULTIPLE RPs : N
CASE TYPE: U	CONTRACT STAT: 2	PRIORITY: 2B3
		DATE ER: -0-
RP SEARCH : s		DATE END: -0-
PRELIM ASSESSMENT : -	DATE BEGIN: -0-	DATE END: -0-
REMEDIAL INVEST : -	DATE BEGIN: -0-	DATE END: -0-
REMEDIAL ACTION : -	DATE BEGIN: -0-	DATE END: -0-
POST REMED MONITOR: -	DATE BEGIN: -0-	DATE END: -0-
ENFORCEMENT TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 05/05/1997	
LUFT CATEGORY: 2,s,c,a	CASE CLOSED: -	DATE CASE CLOSED: -0-
DT EXC START : 03/11/1997	REMEDIAL ACTIONS TAKEN: ED	

PgDn for Screen #2

[ESC] Done      [F2] Clear field      [Shift-F2] Clear to end      [Shift-F10] More  
 Form: SITE      Table: SITE      Field: Source      Page: 1

STID: 2933

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT : -0-	LOC-CleanUp Fund? -0-
DATE LAST CORSP : 07/23/1999	INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Mr. Michael Hilliard	RP COST: \$0.00
RP COMPANY NAME: Cal Trans	Ph: -0-
ADDRESS: P.o. Box 23660	
CITY/ST/ZIP: Oakland C A 94623-0660	

COMMENT: MTBE=5600ppb in grab gw sample approximately 35' downgradient of site. Awaiting a work plan for offsite well installation. A deep industrial well of unknown closure status is located a

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done      [F2] Clear field      [Shift-F2] Clear to end      [Shift-F10] More  
 Form: SITE      Table: SITE      Field: FlagDate      Page: 2

**Chan, Barney, Public Health, EHS**

**From:** Frances\_Maroni@dot.ca.gov [SMTP:Frances\_Maroni@dot.ca.gov]  
**Sent:** Tuesday, January 02, 2001 5:31 PM  
**To:** Chan, Barney, Public Health, EHS  
**Subject:** Re: info on former Del Monte site (Plants 37 & 237)

Hi Barney:

It was nice to meet you, too and I hope you had a nice holiday. Now that the holiday fervor is over, I wanted to fill you in as to where we are with S. Oakland and Hegenberger. I have sent a letter to our Right of Way Department requesting a permit to enter. That takes approximately three months. I have requested that we drill three boreholes and install one monitoring well. I will continue to sample the site quarterly. I will call the number you have given me for the Del Monte contact tomorrow to further investigate the industrial wells as well as our consultant. If and when we get the permit to enter, what would you like us to sample for? At our site, we have sampled for TPHg, TPHd, BTEX, and Oxygenates. Personally, I would prefer to sample only for Oxygenates.

#  
2133

As for Hegenberger, I will be the Contract Manager for the site. I have received all the reports and the letter you emailed me. It will take me a little bit of time to review and figure out where we are and what has to be done. I will keep you posted, though. Feel free to call me any time you have questions or require information.

#  
2189

Thanks,  
Frances  
510-286-5657

"Chan, Barney, Public Health, EHS" <BChan@co.alameda.ca.us> on 12/08/2000  
02:40:54 PM

**To:** "frances\_maroni@dot.ca.gov" <frances\_maroni@dot.ca.gov>  
**cc:**  
**Subject:** info on former Del Monte site (Plants 37 & 237)

Frances: It was nice to meet you the other day. I'd like to give you as much information on the former Del Monte Plant site as possible. Our office and the San Francisco Regional Water Quality Control Board worked on this site, which extends from 29<sup>th</sup> Ave. to Fruitvale Ave. The site was actually a combination of Plant 37, the northern half, and Plant 237, the southern. A number of environmental issues other than USTs were identified during the development and this is why the Water Board got involved. Most of their concerns were addressed, the most significant being the presence of halogenated volatile compounds in the southeast part of the site with unknown origin (current parking lot for the auto parts store). I'm not sure, but there were supposed to be three monitoring wells installed in this area to verify the gradient and HVOC concentrations. The Water Board issued a No Further Action letter contingent on this confirmation of HVOC stability. I've left a message for CH2MHILL to update me on the site status. The underground tanks that were formerly at the site were a 16,000 gallon and a 25,000 (RR tanker) fuel oil USTs located next to each other in the center of the northern half of the site (near the southeast corner of the existing school). Two wells were installed, monitored and closed adjacent to these tanks. Only oil and grease, diesel and motor oil was detected in the groundwater samples. MTBE was never run and would not be required today. Another 1200 gallon fuel oil tank was removed during the

site construction located approximately 100' east of the two other USTs. No further work was requested for any of these UST removals but the site remains to be formally closed as a LOP (Local Oversight Program) site #846. No information exists on the locations of the two industrial wells identified in your well search.

Del Monte's contact is Mr. Steven Ronzone, ph (415) 247-3520 and a contact with CH2MHILL is Ms. Paula Bolio @ (510) 251-2888.

Look forward to seeing and discussing your off-site investigation work plan.

Keep me in touch.

Thanks,

Barney Chan  
Alameda County Environmental Health

# 2933

**Chan, Barney, Public Health, EHS**

**From:** Chan, Barney, Public Health, EHS  
**Sent:** Friday, December 08, 2000 2:41 PM  
**To:** 'frances\_maroni@dot.ca.gov'  
**Subject:** info on former Del Monte site (Plants 37 & 237)

Frances: It was nice to meet you the other day. I'd like to give you as much information on the former Del Monte Plant site as possible. Our office and the San Francisco Regional Water Quality Control Board worked on this site, which extends from 29<sup>th</sup> Ave. to Fruitvale Ave. The site was actually a combination of Plant 37, the northern half, and Plant 237, the southern. A number of environmental issues other than USTs were identified during the development and this is why the Water Board got involved. Most of their concerns were addressed, the most significant being the presence of halogenated volatile compounds in the southeast part of the site with unknown origin (current parking lot for the auto parts store). I'm not sure, but there were supposed to be three monitoring wells installed in this area to verify the gradient and HVOC concentrations. The Water Board issued a No Further Action letter contingent on this confirmation of HVOC stability. I've left a message for CH2MHILL to update me on the site status. The underground tanks that were formerly at the site were a 16,000 gallon and a 25,000 (RR tanker) fuel oil USTs located next to each other in the center of the northern half of the site (near the southeast corner of the existing school). Two wells were installed, monitored and closed adjacent to these tanks. Only oil and grease, diesel and motor oil was detected in the groundwater samples. MTBE was never run and would not be required today. Another 1200 gallon fuel oil tank was removed during the site construction located approximately 100' east of the two other USTs. No further work was requested for any of these UST removals but the site remains to be formally closed as a LOP (Local Oversight Program) site #846. No information exists on the locations of the two industrial wells identified in your well search. Del Monte's contact is Mr. Steven Ronzone, ph (415) 247-3520 and a contact with CH2MHILL is Ms. Paula Bolio @ (510) 251-2888.

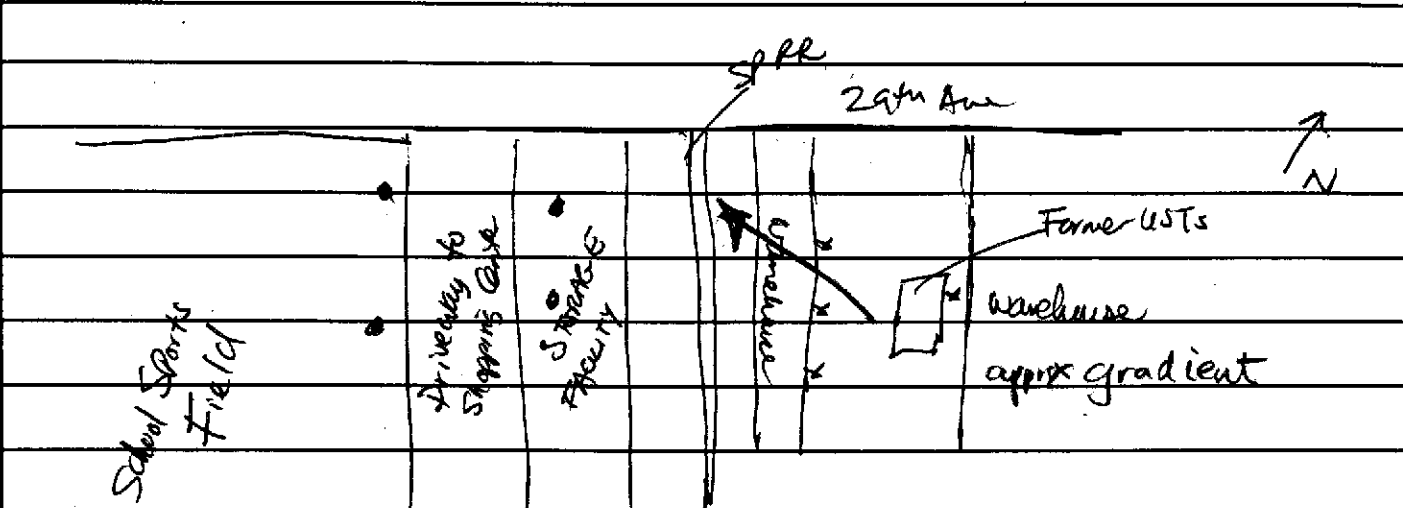
Look forward to seeing and discussing your off-site investigation work plan. Keep me in touch.  
Thanks,

Barney Chan  
Alameda County Environmental Health

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: 2933 FACILITY NAME: Cal Trans Maintenance Facility PG.      OF     

SUPPLEMENTAL FORM 1112 29th Ave 94601



Met w/ F. Maroni of Cal Trans. to discuss the possible locations of offsite borings or mwis. Decided that 2 points on the storage facility and -2 on the driveway to the shopping center would be appropriate. If possible, a permanent well is preferred. Need to give Frances contact w/ DeMante to attempt to locate location of industrial wells.

Possible cleanup levels / conc for delineation discussed.  
 if <sup>drinking water is</sup> ~~not~~ ~~potentially~~ impacted : 5-15 ppb MTBE  
 if drinking water is not impacted : up to 200 ppb "

PRINT NAME: \_\_\_\_\_ INSPECTED BY: B. Chan  
 SIGNATURE: \_\_\_\_\_ DATE: 12-7-00

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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 29<sup>th</sup> 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



ENVIRONMENTAL HEALTH SERVICES

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

August 28, 2000  
SHD # 2933

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

**Re: Site Investigation Report, South Oakland Maintenance Station, 1112 29<sup>th</sup> 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

SS11112 29th Ave

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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 29<sup>th</sup> 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

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



*PRESENT  
K-Gill only  
4-19-2000*

April 19, 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

**NOTICE OF VIOLATION**

**Re: Request for Work Plan for the Installation of Monitoring Wells at 1112 29<sup>th</sup> 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

☐ 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



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 *Mail Station 8A*  
Oakland CA 94623

**NOTICE OF VIOLATION**

**Re: Request for Work Plan for the Installation of Monitoring Wells at 1112 29<sup>th</sup> 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

*cc:* 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



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 29<sup>th</sup> 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 29<sup>th</sup> 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 is 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

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



January 12, 2000

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Environmental Health Services  
Environmental Protection (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Subject: South Oakland Maintenance Station, CA – Site Investigation

Dear Mr Chan:

# 2923

A draft Hazardous Waste Site Investigation Report for the above referenced site was forwarded to your office in September 1999. No comments were received on this report. Enclosed is a final copy of this Hazardous Waste Site Investigation Report.

PSI, our contractor, has recommended the installation of three monitoring wells at this site. Please respond if you are in agreement with their recommendations. We would like to continue with the next phase of this investigation as soon as possible. We will be waiting for your comments.

If you have any questions or comments, please contact Kathy Gill at (510) 286-6117.

Sincerely,

HARRY Y. YAHATA  
District Director

By:

A handwritten signature in black ink that reads "Subhash Agarwal".

SUBHASH AGARWAL  
District Branch Chief  
Office of Environmental Engineering

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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 29<sup>th</sup> 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

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



May 26, 1999

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Environmental Health Services  
Environmental Protection (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Subject: South Oakland Maintenance Station, CA - Site Investigation

Dear Mr Chan:

For your review, a Hazardous Waste Preliminary Site Investigation Report for the above referenced site is enclosed. Please submit any comments you may have regarding this report.

If you have any questions regarding this matter, please contact Kathy Gill at (510) 286-6117.

Sincerely,

HARRY Y. YAHATA  
District Director

By:

*Kathy Gill*

*for*  
SUBHASH AGARWAL  
District Branch Chief  
Office of Environmental Engineering

cc: Env. File, KG

99 MAY 27 PM 3:15

ENVIRONMENTAL  
PROTECTION



5/28/99

Spoken/ Scott Bowers of PSI - These are his comments regarding the use of the 1/2" wells:

- They are not desirable & crack easily
- Some agencies require the "old" amt of purging volume
- ~~one water board discourages their use.~~
- doesn't believe DTW or water quality data is compromised

Re: Site invest report, dtw readings are taken 1 day after installation.

(1/8/98: SWRCB) <sup>clean up</sup> discourage their use.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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 29<sup>th</sup> 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,

A handwritten signature in cursive script, appearing to read "Barney M. Chan".

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

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

DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



March 8, 1999

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Environmental Health Services  
Environmental Protection (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

# 2933

Subject: South Oakland Maintenance Station, CA - Site Investigation

1112 29th Ave 94601

Dear Mr Chan:

In response to your letter of February 10, 1999, a Task Order for the subsurface investigation has been issued for the South Oakland Maintenance Station. This investigation will be used to determine the extent of possible contamination of soil and groundwater.

As per our conversation on February 16, 1999, we are requesting an extension to your March 11, 1999 deadline for an appropriate work plan. We will submit a draft work plan for your review and comment before the commencement of any field work.

If you have any questions regarding this matter, please contact Kathy Gill at (510) 286-6117.

Sincerely,

*need a new deadline date, left message for Ms Gill on 3/11/99.*

HARRY Y. YAHATA  
District Director

By: *Subhash Agarwal*  
SUBHASH AGARWAL  
District Branch Chief  
Office of Environmental Engineering

cc: SA, Env. File, KG

Consultant:  
P.S.I.  
Frank Poss

*Tentative Schedule  
(April 6-8)*

ENVIRONMENTAL  
PROTECTION  
99 MAR 10 PM 2:49

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

February 10, 1999  
StID # 2933

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

**SECOND NOTICE OF VIOLATION**

**Re: Request for Work Plan for Subsurface Investigation at 1112 29<sup>th</sup> 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



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

August 31, 1998  
StID # 2933

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

NOTICE OF VIOLATION

**Re: Request for Work Plan for Subsurface Investigation for Oakland Maintenance Yard,  
1112 29<sup>th</sup> 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

9/4/98

Spw/ Mr Steve Tyler (replaced M. Hilliard)  
He said contact w/ environmental sect  
is Subhash Agarwal 286-5674

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454



May 27, 1997

RU397

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Environmental Health Services  
Environmental Protection (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Subject:** Scheduling of an Investigation at South Oakland Maintenance Station,  
1112 29th Avenue, Oakland, California, 94601.

Dear Mr. Chan:

In response to your letter of May 5, 1997, that we are planning to do a subsurface investigation in association with the March 10th removal of the underground fuel storage tanks, at the above cited station. Although we are facing some time delay due to funding not being available until the start of our new fiscal year, we are tentatively scheduling a Preliminary Site Investigation Task Order to begin in early July of this year.

The Task Order will be designed to assess your question and concern as to whether the water encountered, during the tank removal, was groundwater or surface water infiltration. Also, to provide an initial determination of the extent of the possible contamination of soil and groundwater, the Task Order will provide for the retrieval of soil and water samples for chemical analysis.

Before the commencement of any field work, we will have the draft Work Plan submitted for your review and comment.

We are looking forward to working closely with you on this project and continuing a line of good communication. If at any time you have any questions or concerns, please feel free to contact Dave Gardner at (510) 286-5645, or myself, at (510) 286-5674.

Sincerely,

HARRY Y. YAHATA,  
District Director

By:

  
SUBHASH AGARWAL,  
District Branch Chief Hazardous Waste Investigations

## DEPARTMENT OF TRANSPORTATION

BOX 23660  
OAKLAND, CA 94623-0660  
(510) 286-4444  
TDD (510) 286-4454

May 14, 1997

20307

320.41

97 MAY 16 PM 2:42

ENVIRONMENTAL  
PROTECTION

Mr. Gordon Coleman  
Alameda County  
Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

RE: [Site ID: 2933]

Dear Mr. Coleman:

This letter is in reference to the Notice of Responsibility dated May 6, 1997, received from your office regarding the two underground fuel tanks removed at Caltrans Maintenance Station located at 1129 29th Avenue, Oakland.

We have transferred this case to our Office of Environmental Engineering for preliminary site investigation and remediation.

Contact Subhash Agarwal, District Office Chief, Office of Environmental Engineering at (510) 286-5674, should there be further questions regarding this matter.

Sincerely,

A handwritten signature in cursive script that reads 'M. A. Hilliard'.

M. A. HILLIARD  
Office of Maintenance Services

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>FOR LOCAL AGENCY USE ONLY</b> I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
--	--	---

REPORT DATE 05/15/97	CASE # 2933	SIGNED: <i>Barney Chan</i>	DATE: 6/6/97
-------------------------	----------------	----------------------------	--------------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT DAVID B. GARDNER	PHONE (510) 286-5645	SIGNATURE <i>David B. Gardner</i>	
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME CALTRANS		
	ADDRESS 111 GRAND AVE. OAKLAND CA 94623			

RESPONSIBLE PARTY	NAME CALTRANS <input type="checkbox"/> UNKNOWN	CONTACT PERSON DAVE GARDNER	PHONE (510) 286-5645
	ADDRESS 111 GRAND AVE. OAKLAND CA 94623-0660		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) OAKLAND MAINTENACE YARD	OPERATOR CALTRANS	PHONE ( )	
	ADDRESS 1112 29th. AVE. OAKLAND ALAMEDA 94601			
	CROSS STREET EAST 14th.			

IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES	AGENCY NAME HEALTH SERVICES	CONTACT PERSON BARNEY M. CHAN
	REGIONAL BOARD		

SUBSTANCES INVOLVED	(1) MTBE 9,150 ug/kg in soil	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2) BENZENE 1,650 ug/kg in soil	<input checked="" type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 03/10/97	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER	<input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER OVEREXCAVATION
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE		

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
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CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input checked="" type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> TREATMENT AT HOOKUP (HU)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VENT SOIL (VS)
	<input checked="" type="checkbox"/> OTHER (OT) WILL BE BASED ON FINDINGS		

COMMENTS	00:3:00 ENVIRONMENTAL PROTECTION
----------	-------------------------------------



# Transfer of Eligible Local Oversight Case

RP Cal / Trans  
C/o Mr. Mike Hilliard  
PO Box 23660  
Oak CA 94623-0660

STID 2933 Date of input/By: 

Date: 5/5/97 From: BOHAN

Site Name: Cal Trans

Address: 1112 29th Ave City: Oakland Zip: 94601

### To be eligible for LOP, case must meet 3 qualifications:

1.  Y  N Tanks Removed? # of removed? 2 Date removed: 3/11/97
2.  Y  N Samples received? Contamination level: 380 ppm gas, BTEX  
Type of test 1,7,11,9,8,49 ppm  
Contamination should be over 100 ppm TPH to qualify for LOP
3.  Y  N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet  
• diesel • waste oil • kerosene • solvents

### Procedure to follow should your site meet all the above qualifications:

1.
  - a.  Close the deposit refund case.
  - b.  Account for **ALL** time you have spent on the case.
  - c.  Turn in account sheet to Leslie.  
If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!  
Remaining DepRef \$'s: \_\_\_\_\_  
DepRef Case Closed with Candyce/Leslie?  Y  N (If no, explain why below.)
2. Submit the completed **A** and **B** permit application forms to **NORMA**. ✓
3. Give the entire case to the proper LOP staff.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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.**

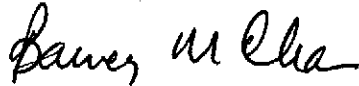
Please submit your work plan for subsurface investigation **within 30 days or by June 6, 1997.**

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

wpl112

white - env. health  
 yellow - facility  
 pink - files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
 Alameda CA 94502  
 510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Cal Trans Today's Date 3/11/97  
 Site Address 1112 29th Ave  
 City Oak Zip 94601 Phone \_\_\_\_\_

\_\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

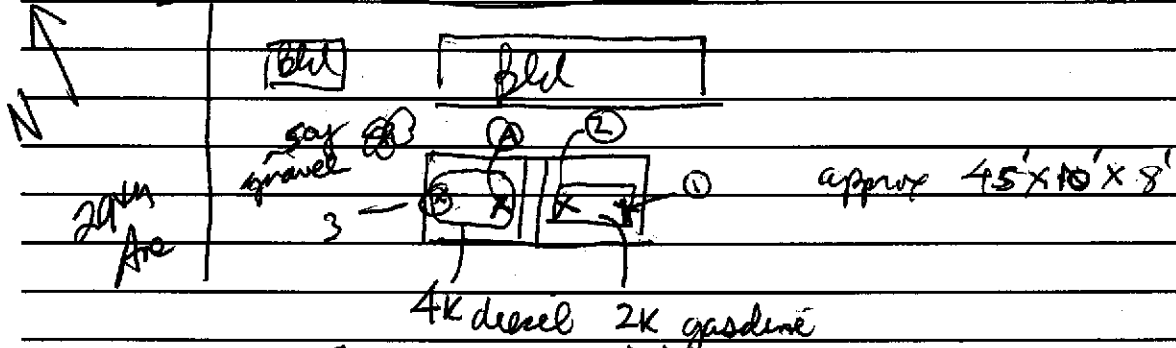
**Inspection Categories:**

\_\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
 \_\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials  
 III. Under ground Storage Tanks R

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

OPD - Leroy Buffum Erichson Tank Hunter  
Mike Hillard - Cal Trans  
AE Schmidt Contractor  
RR



4k tank = 11.5% O<sub>2</sub>, 0% LEL, <sup>no ho gas observed</sup> Fibreglass singlewalled, GW in pit  
 2k tank = 1.5 O<sub>2</sub>, 3% LEL Steel, singlewalled, GW in pit  
 took time to drain H<sub>2</sub>O from off tank, possible leak in tiles  
 Tank was held down w/ Straps  
 asphalt tar wrapping coming off tank, rusted but no obvious holes  
 - Cal Trans inside on pumpkins H<sub>2</sub>O prior to sampling  
 Erichson removed H<sub>2</sub>O from pits w/ purple truck  
 Spbl ① from ~1-2' below surface gas tank (brown silty gravel) no odor  
 Spbl ② from 1-2' " north. " " " ( " " " ) mod. gasoline odor

Contact CALTRANS  
 Title CUI SUPER Inspector B. Chan  
 Signature [Signature] Signature [Signature]

Water w/ gas tank smelled of gasoline

II, III

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

p2-1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Cal Franc Today's Date 3/11/97

Site Address 142 29th Ave

City Oak Zip 94601 Phone \_\_\_\_\_

\_\_\_\_\_  
MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

### Inspection Categories:

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- X III. Under ground Storage Tanks R

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

### Comments:

A pit hole was dug for H<sub>2</sub>O accumulation in the tank pit <sup>gas</sup>  
Approx 50 cu ft spoils in southwest corner of site, please  
characterize for disposal requirements of landfill  
Soil spk 3 from N end diesel tank - brown moist silty clay - no odor  
Soil spk 4 " S end " " " " " " " " - slt odor  
Not clear if water encountered in pit is surface or gw.  
pit in gas pit ~ 11 1/2' gas  
Decided to come back + drill a boring next to tank  
pit + sample B/W if encountered. to determine "true" impact  
+ depth to water.  
Soil sples from diesel tank - Analyze for TPHd + BTEX  
Soil " " Gas " - Analyze for TPHg + BTEX + MTBE  
Spiller: ~~Rob~~ <sup>Ratloff</sup> for A/E Schmidt

Contact CALTRANS  
Title CM Supt  
Signature [Signature]

Inspector B. Chan  
Signature [Signature]

II, III

# Transfer of Eligible Local Oversight Case

RP Cal/Trans  
Cb Mr. Mike Hilliard  
PO Box 23660  
Oak CA 94623-0660

STID 2933 Date of input/By: \_\_\_\_\_

Date: 5/5/97 From: B. CHAN

Site Name: Cal Trans

Address: 1112 29th Ave City: Oakland Zip: 94601

To be eligible for LOP, case must meet 3 qualifications:

1.  N Tanks Removed? # of removed? 2 Date removed: 3/11/97
2.  N Samples received? Contamination level: 380 ppm gas, BTEX  
Type of test \_\_\_\_\_  
Contamination should be over 100 ppm TPH to qualify for LOP  
1.7, 11.9, 8, 49 ppm
3.  N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet  
diesel • waste oil • kerosene • solvents

Procedure to follow should your site meet all the above qualifications:

1.
  - a.  Close the deposit refund case.
  - b.  Account for ALL time you have spent on the case.
  - c.  Turn in account sheet to Leslie.

If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. DO NOT attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: \_\_\_\_\_  
DepRef Case Closed with Candyce/Leslie?  N (If no, explain why below.)

2. Submit the completed A and B permit application forms to NORMA. ✓
3. Give the entire case to the proper LOP staff.

Ben, pls  
transfer site  
to LOP.  
Thanks, BC

# A.E. Schmidt Environmental

February 27, 1997

To Whom it May Concern:

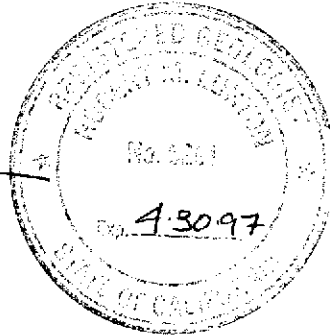
Robie Ratliff is employed by A.E. Schmidt Environmental and is authorized to sample under my supervision until December 31, 1997.

Sincerely,

**A.E. Schmidt Environmental**

*Robert M. Lorton*

Robert Lorton  
Registered Geologist



BL/jrw

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 ENVIRONMENTAL PROTECTION DIVISION  
 1131 HARBOR BAY PARKWAY, RM 250  
 ALAMEDA, CA 94502-6577  
 PHONE # 510/567-6700  
 FAX # 510/337-9335**

Barney Chan  
 Project Specialist  
DK Belcher

2/2/97

**ACCEPTED**

Underground Storage Tank Closure Permit Application  
 Alameda County Department of Environmental Health  
 1131 Harbor Bay Parkway, RM 250  
 Alameda, CA 94502-6577

These client/contractor plans have been reviewed and found to be acceptable and essential to the health and safety of the community. The State and Local Health Laws, Chapter 10, Section 100000, require that the contractor maintain a record of all work performed on the site to be acceptable and be project completed. The contractor shall be responsible for the removal of the tank and any associated piping. The contractor shall be responsible for the removal of the tank and any associated piping. The contractor shall be responsible for the removal of the tank and any associated piping.

Final inspection  
 Removal of tank(s) and piping  
 Issuance of a permit to operate with associated plans  
 closure, is dependent on compliance with applicable laws and regulations.  
 THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist: A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

97 FEB 13 AM 8:57

ENVIRONMENTAL PROTECTION

**UNDERGROUND TANK CLOSURE PLAN**

\* \* \* Complete according to attached instructions \* \* \*

- Name of Business CALTRANS DISTRICT #4  
 Business Owner or Contact Person (PRINT) MIKE HILLIARD
- Site Address 1112 29<sup>TH</sup> AVENUE  
 City OAKLAND Zip 94601 Phone 510-251-3146
- Mailing Address 1112 29<sup>TH</sup> AVENUE  
 City OAKLAND Zip 94601 Phone 510-261-3146
- Property Owner CALTRANS DISTRICT #4  
 Business Name (if applicable) MIKE HILLIARD  
 Address 111 GRAND AVE  
 City, State OAKLAND CA Zip 94623
- Generator name under which tank will be manifested  
CALTRANS DISTRICT #4, 111 GRAND AVE, OAKLAND CA 94623  
 EPA ID# under which tank will be manifested CA 982029324



6. Contractor A E SCHMIDT ENVIRONMENTAL  
Address 16509 SALTICOTY ST.  
City VAN NUYS CA Phone 818-786-2373  
License Type\* A. HAZ ID# 710784

\*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) \_\_\_\_\_  
Address \_\_\_\_\_  
City, State \_\_\_\_\_ Phone \_\_\_\_\_

8. Main Contact Person for Investigation (if applicable)  
Name \_\_\_\_\_ Title \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_

9. Number of underground tanks being closed with this plan TWO  
Length of piping being removed under this plan TWENTY FEET  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) TWO

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

\*\* Underground storage tanks must be handled as hazardous waste \*\*

a) Product/Residual Sludge/Rinsate Transporter  
Name UNIVERSAL ENVIRONMENTAL INC EPA I.D. No. CA 0000061275  
Hauler License No. 3240 License Exp. Date 12/31/99  
Address 1898 PARK ROAD  
City BENICIA State CA Zip 94510

b) Product/Residual Sludge/Rinsate Disposal Site  
Name SEAPORT ENVIRONMENTAL EPA ID# N/A  
Address 675 SEAPORT BLVD  
City REDWOOD CITY State CA Zip 94063

c) Tank and Piping Transporter

Name UNIVERSAL ENVIRONMENTAL INC. EPA I.D. No. CAD000061275  
Hauler License No. 3240 License Exp. Date 12/31/97  
Address 18918 PARK ROAD  
City BENICIA State CA Zip 94510

d) Tank and Piping Disposal Site

Name ERICKSON INC. EPA I.D. No. CAD009466392  
Address 255 PARK BLVD  
City RICHMOND State CA Zip 94801

11. Sample Collector

Name JANET TUBBS  
Company AE SCHMIDT ENVIRONMENTAL  
Address 16509 SATICOY STREET  
City VAN NUYS State CA Zip 91406 Phone 818-786-2373

12. Laboratory

Name ADVANCED TECHNOLOGY LABORATORIES (ATL)  
Address 1510 E. 33<sup>RD</sup> STREET  
City SIGNAL HILL State CA Zip 90807  
State Certification No. ELAP 1838

13. Have tanks or pipes leaked in the past? Yes [ ] No [X] Unknown [ ]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank(s) inert:

All associated piping will be backflushed into the UST's,  
all product + residue from the UST's will be removed +  
A minimum of 15 lbs dry ice per 1,000 gal UST capacity  
will be placed into the UST

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
4,000 Gallon	IN USE, DIESEL UST	SOIL SAMPLE	SOIL SAMPLES WILL BE TAKEN A MINIMUM OF 2' BELOW THE INVERT OF THE UST'S WITHIN NATIVE SOIL AT EACH END OF TANK SAMPLES TAKEN BENEATH THE DISPENSERS WILL BE TAKEN A MINIMUM OF 2' FT. BELOW PIPING AND WITHIN NATIVE SOIL
2,000 Gallon	IN USE GAS UST (lead or unlead)	SOIL SAMPLE	

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

**Excavated/Stockpiled Soil**

**Stockpiled Soil Volume (estimated)**

Stockpile #1  
 Associated with Diesel OIL  
 = 36.1 cubic yards

Stockpile #2  
 Associated with GAS OIL  
 = 20.7 cubic yards

**Sampling Plan**

ONE (1) Sample per  
 25 cubic yards.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [X] no [ ] unknown

If yes, explain reasoning \_\_\_\_\_

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH d	mod 8015		1ppm
TPH g	mod 8015		1ppm
BTEX	8020		0.005
MTBE	8020 or 8240		0.005
<del>organic or</del>	<del>AA or ICAP</del>		
<del>Total lead</del>			

18. Submit Worker's Compensation Certificate copy

Name of Insurer STATE FUND #CH4-95 UNIT 0014B18

19. Submit Plot Plan **\*\*\* (See Instructions) \*\*\***

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business AE SCHMIDT ENVIRONMENTAL

Name of Individual CHRIS THURTON

Signature [Signature] Date 02-07-97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business \_\_\_\_\_

Name of Individual \_\_\_\_\_

Signature SEE ATTACHED Date \_\_\_\_\_

18. Submit Worker's Compensation Certificate copy

Name of Insurer STATE FUND #044-93 MIT 0014BIP

19. Submit Plot Plan **\*\*\* (See Instructions) \*\*\***

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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CONTRACTOR INFORMATION

Name of Business AE SCHWIND ENVIRONMENTAL

Name of Individual CHRIS THURSTON

Signature [Signature] Date 02-07-97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business DEPT OF TRANSPORTATION

Name of Individual Tom Thomas

Signature [Signature] Date 2-7-97

T.O. 04 #31932 64 - So Oakland Ms.