

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



6-13-03

ENVIRONMENTAL HEALTH SERVICES

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

June 13, 2003

Mr. Jeff Rubin
Port of Oakland
530 Water St.
P.O. Box 2064
Oakland, CA 94604-2064

Dear Mr. Rubin:

Subject: Fuel Leak Cases RO0000087 and RO0000010, 2225 and 2277 7th St., Oakland,
CA 94607. Future Port of Oakland Field Support Services Complex

Alameda County Environmental Health staff and staff from the Regional Water Quality Control Board have reviewed the following documents from Iris Environmental for the referenced sites.

- Human Health Risk Assessment and Abbreviated Phase II Environmental Site Assessment Report, October 2002
- Response Package and Addendum to Human Health Risk Assessment for Future Port of Oakland Field Support Services Complex, March 7, 2003 and
- Final Human Health Risk Assessment for Future Port of Oakland Field Support Services Complex, May 6, 2003.

With the concurrence of the RWQCB, our office concurs with the conclusions and the proposed mitigation measures (passive soil venting system and asphalt cap) of the final risk assessment. The cancer risk to on-site construction worker and future on-site commercial worker is expected to be below 1×10^{-5} .

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, D. Drogos

Mr. C. Alger, Iris Environmental, 1615 Broadway, Suite 1003, Oakland, CA 94612

Mr. Roger Brewer, SFRWQCB

HBRA2225&2277 7thSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



8-17-01

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

August 16, 2001 ✓
StID 6409/ RO0000087

Mr. Dale Klettke
Port of Oakland
P.O. Box 2064
Oakland CA 94604-2064

**Re: Request for Additional Investigation at South Field, MOIA, Former USTs MF08, 09, 10
Oakland CA 94621**

Dear Mr. Klettke:

Our office has met and conferred with Mr. Roger Brewer of the SFRWQCB in regards to the Port's request for site closure. Based upon our discussion, it is their opinion that the extent of the petroleum release has not been defined completely within and down-gradient of the former diesel tank. Such information is necessary since elevated TPH as diesel was left in place in the soil. At a minimum, soil and groundwater samples should be taken within and radially outward from the former tank pit for chemical analysis. In addition, based upon the groundwater gradient as determined from the wells closest to the former UST, no wells are immediately down-gradient of the tank. Therefore, you are requested to submit a work plan to complete the required site characterization.

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. Steve Osborne, Harding ESE, Inc., 383 Fourth St., Suite 300, Oakland CA 94607

Addssi MF8-10

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



01-21-01

2087

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

January 22, 2001
StID # 6409

Mr. Dale Klettke
Port of Oakland, EH&SC
P.O. Box 2064
Oakland CA 94604-2064

**Re: Groundwater Monitoring former USTs MF 08/09/10, South Field, MOIA
Oakland CA 94621**

Dear Mr. Klettke:

Our office has received and reviewed the January 17, 2001 Groundwater Monitoring report for the above site as prepared by Harding ESE, your consultant. In anticipation of your request for site closure, please perform the following additional items:

- Please include the analysis for polyaromatic hydrocarbons (PAHs) in you next monitoring event on wells MW-2 and MW-3 in addition to the prior analytes.
- Please perform a conduit study in the area of the former tanks.

You may include this information in your next monitoring report. Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is written in a cursive style.

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. S. Osborne, Harding ESE, 383 Fourth St., Suite 300, Oakland CA 94607

AdrqMF8910

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



06-21-01

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

June 20, 2000
StID # 6409/RO0000087

Mr. Dale Klettke
Port of Oakland EH&SC
P.O. Box 2064
Oakland CA 94604-2064

**SUBJECT: INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS REQUIRED
OR ISSUE A CLOSURE LETTER FOR FORMER USTs MF08,09,10, SOUTH FIELD, OAKLAND
INTERNATIONAL AIRPORT, OAKLAND CA 94621**

Dear Mr. Klettke:

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

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

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

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

Enclosure (sample letter #3)

c: B.Chan,files

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

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

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



2087

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

March 31, 2000
StID # 6409

Mr. Dale Klettke
Port of Oakland
Environmental Health & Safety Compliance
P.O. Box 2064
Oakland CA 94604-2064

**Re: Work Plan for Groundwater Monitoring, USTs MF08/09/10, South Field, MOIA,
Oakland CA 94621**

Dear Mr. Klettke:

Our office has received and reviewed the March 16, 2000 MSE Group work plan for the installation of four monitoring wells at the above site. As you are aware, these wells will be sampled for the following analytes; TPHd, TPHg, BTEX, MTBE and the bio-indicator analytes, total iron, iron +2, nitrate, sulfate, orthophosphates and TOC. Since we have previously discussed the well locations, this work plan is accepted and work may be scheduled as soon as possible. Please conform the following conditions:

- Please insure that a minimum of one soil sample is taken for chemical analysis from each of the four monitoring well borings.
- Please confirm the presence of MTBE in the soil and groundwater sample exhibiting the highest MTBE concentration using either EPA Method 8260 or another GC/MS method.
- In your future groundwater monitoring reports, please provide an interpretation of the results of your bio-indicator analysis. Please also run, in the field, dissolved oxygen and oxidation-reduction potential on these samples. In addition, please comment if and when ORC application will be recommended.

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. Dan Etheredge, MSE Group, 1550 Bryant St., Suite 535, San Francisco, CA 94103

MwwwpapMF8/9/10

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro#87

ENVIRONMENTAL HEALTH SERVICES

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

August 24, 1999
StID # 6409

Mr. Dale Klettke
Port of Oakland
P.O. Box 2064
Oakland CA 94604-2064

**Re: Work Plan for Subsurface Investigation, Port USTs MF8/9/10, South Field
Oakland International Airport**

Dear Mr. Klettke:

Our office has received and reviewed the August 10, 1999 Harding Lawson work plan for the above referenced site. This work plan is the response to the County's request for additional soil and groundwater investigation subsequent to the removal of three underground fuel tanks. The initial approach is to determine the extent of contamination through the advancement of approximately eight (8) temporary borings and the sampling of both soil and groundwater.

Having discussed the work plan with you already, you are aware that the County approves this work plan with the following conditions:

- Every attempt will be made to determine the extent of soil and groundwater contamination, particularly in the assumed down-gradient direction, towards a nearby wetland area.
- Although not specified in this work plan, the next step of the investigation will require the installation of a minimum of three monitoring wells. Your next report should include an interpretation of results and recommendation for remediation.
- Because of the elevated total petroleum as diesel found in soil and groundwater samples, you should run the highest TPHd soil and groundwater sample for polynuclear aromatics (PNAs).

Please contact our office prior to this field work. I may be reached at (510) 567-6765 if you have any comments or questions.

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. McCarty, Harding Lawson Associates, 383 4th St., 3rd Floor, Oakland CA 94607

WpapMF8910

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



MF8.9210
O MOIA - S. FIELD. TAXI
OAKLAND
R0# 87

ENVIRONMENTAL HEALTH SERVICES

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

June 15, 1999
StID # 6409

Mr. Dale Klettke
Port of Oakland Environmental Health & Safety Compliance
530 Water St., 2nd Floor
Oakland CA 94607

**Re: Underground Tank Fuel Release at MOIA- South Field, MF 8, 9 & 10, Oakland CA
94621**

Dear Mr. Klettke:

As you are aware, our office has received analytical data from soil and groundwater samples taken prior and after the removal of the three (3) underground petroleum fuel tanks at the above referenced site which document that a fuel release has occurred. This information was provided to our office from the City of Oakland. I have also been shown the area of the former tanks during my site visit with you on May 25, 1999. Based upon these results, our office has transferred this site to the Local Oversight Program (LOP) and has sent to your attention a Notice of Responsibility. In addition, please complete and return the enclosed Unauthorized Release (Leak) Report to our office within 10 days of receipt of this letter.

The elevated gasoline, BTEX, MTBE and diesel concentrations found in of soil and groundwater samples taken subsequent to the underground tank removals will require an additional subsurface investigation. It appears that the nearby wetland marsh may represent a sensitive receptor which could be impacted from this release. Please provide a work plan to determine the extent of both soil and groundwater contamination. I understand that you may be considering additional remediation approaches based upon a feasibility study. Your options include additional over-excavation and the addition of oxygen-releasing compound, or the implementation of a risk management plan with a deed notification or restriction. Please submit your work plan for subsurface investigation and remediation to our office within 30 days or by July 16, 1999.

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

ssiMF8910

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



Site: O Taxiway

R087

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

August 28, 1996

Mr. Douglas Herman
Port of Oakland
530 Water St.
Oakland CA 94607

**Re: Recommendation for No Further Work at SW Side of Bld. M-145,
South Field, Oakland International Airport, Oakland CA 94614**

Dear Mr. Herman:

Our office has received and reviewed the August 13, 1996 Innovative Technical Solutions, Inc. (ITSI) report detailing field activities at 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 subsurface investigation of this site. The results of soil and groundwater sample analysis indicate there was no release of petroleum hydrocarbon which would have an adverse affect on human health or the environment.

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.

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

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

c: Mr. J. Hess, ITSI, 1330 Broadway, Suite 1625, Oakland CA
94612

G. Coleman, file
SO-M-145

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R087

December 28, 1993

CERTIFIED MAILER #: P 422 218 208

North Field Fire Training
0 N. Taxiway North Field
Oakland, 94621

UGTID:4059

RUFAT A. SHAND, Public Health Officer, Director

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
0 N. Taxiway North Field Oakland, 94621**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- ___ 1. An accurate and complete plot plan.
- ___ 2. A written spill response plan. (enclosed)
- ___ 3. A written tank monitoring plan. (enclosed)
- ___ 4. Results of precision tank test(s), (initial and annual).
- ___ 5. Results of precision pipeline leak detector tests (initial and annual).
- ___ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- ___ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- ___ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- ___ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

Handwritten signature of Paul M. Smith in cursive.

PAUL SMITH
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)