

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



02-15-01

120435

February 14, 2001  
StID # 4020 & 2044

Mr. John Prall  
Port of Oakland  
P.O. Box 2064  
Oakland CA 94604-2064

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

**Re: Trailer-On-Flat-Car (TOFC), 1717 Middle Harbor Road, Oakland CA 94607  
Union Pacific Motor Freight (UPMF), 1750 Ferro St., Oakland CA 94607**

Dear Mr. Prall:

Our office has received and reviewed your request to decommission all existing monitoring and extraction wells at the two referenced sites to accommodate the conversion of these sites to a container facility. Wells APL/UP-W1 and APL/UP-W2 will be kept for continued monitoring. A minimum of ten wells at each site would be installed at these sites after the completion of the construction project, tentatively in June 2002.

I have discussed your request with the Water Board and they concur that this is a reasonable request given the presence of the slurry wall and extraction sumps along the down-gradient Inner Harbor shoreline pursuant to Water Board order 99-055. Therefore, our office concurs with your well decommission request with the following conditions:

- Please clarify when these two wells will be monitored.
- Please submit a report for these two sites separate from that required for the APL site. The report should also give the status of the newly proposed collection-extraction system on the TOFC site.
- Prior to 6/02, please provide a brief work plan and site map describing the location of the replacement wells.

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. C. O'Neill, Mr. M. Gray, CDM, One Walnut Creek Center, 100 Pringle Ave.,  
Suite 300, Walnut Creek, CA 94596

Mr. G. Bartow, SFRWQCB

WelldecomTOFC-UPMF

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



10-23-00

October 23, 2000

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

Mr. John R. Prall, R.G.  
Associate Environmental Scientist  
Port of Oakland EH&SC Department  
530 Water Street  
Oakland, CA 94583  
STID #4020 (RO# 35)  
STID #2040 STID# 2044 (RO# 435)

RE: Trailer-On-Flat-Car (TOFC), 1717 Middle Harbor Road, Oakland, CA 94607  
Union Pacific Motor Freight (UPMF), 1750 Ferro Street, Oakland, CA 94607

Dear Mr. Prall:

I have reviewed your report TOFC & UPMF Sites, Former Union Pacific Inermodal Railyard, Oakland, CA dated June 26, 2000. I have also reviewed the TOFC System Description dated August 30, 2000 prepared by URS Corporation. It is acceptable. Please inform this office within 10 days the anticipated installation date for this system, and the estimated date when the system will begin operation.

If you have questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Avram Frankel, URS Corp., 100 California Street, Suite 500,  
San Francisco, CA 94111  
Tom Peacock, Alameda County Environmental Health  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT 8-17-2000

RO# 35 and RO# 435

August 16, 2000

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

Mr. John Prall  
Port of Oakland  
PO Box 2064  
Oakland, Ca 94604  
STID# 4020 (RO# 35)  
STID# 2040 (~~STID# 2044~~) → (RO# 435)

RE: Trailer-On-Flat-Car (TOFC), 1717 Middle Harbor Road, Oakland, CA 94607  
Union Pacific Motor Freight (UPMF), 1750 Ferro Street, Oakland, CA 94607

Dear Mr. Prall:

I have reviewed your report TOFC & UPMF Sites, Former Union Pacific Intermodal Railyard, Oakland, CA dated June 26, 2000. In this report, a proposal was made to change your product recovery system to a collection system with a series of three parallel gravel-filled trenches with a series of sumps each equipped with a submersible pump and a product skimmer. Please have your consultant, URS Dames and Moore, Inc. submit a detail description of this proposed system. In addition, please identify any sites with a similar subsurface that used this system.

The proposal to destroy the existing TOFC and UPMF monitoring well networks and replace them at a later date is acceptable with the condition that a minimum number of wells are kept on each site at all times to monitor the groundwater during and after the construction phase. We can met and determine which wells can be destroyed, and in what sequence.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Avram Frankel, URS Corp., 100 California Street, Suite 500,  
San Francisco, CA 94111  
Tom Peacock, Alameda County Environmental Health  
Files

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)

RO435

May 28, 1999

Mr. John Prall  
Port of Oakland  
Jack London Square  
P.O. Box 2064  
Oakland, CA 94604-2064

RE: Union Pacific Motor Freight Yard, 1750 Ferro Street, Oakland, CA

Dear Mr. Prall:

I have received and reviewed the First Semi-Annual Monitoring Report dated April 1999 that was prepared by Camp Dresser & McKee.

Commencing in the next round of monitoring, groundwater samples must be tested for the presence of methyl t-butyl ether (MTBE). The State Water Resources Control Board will not allow closure for a petroleum underground storage tank site unless the site has been tested for MTBE.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Hoa Voscott, Camp Dresser & McKee, One Walnut Creek Center, 100 Pringle  
Avenue, Suite 300, Walnut Creek, CA 94596  
Leroy Griffin, City of Oakland - Fire Department, 505-14<sup>th</sup> Street, 7<sup>th</sup> Floor  
Oakland, CA 94612

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 435

July 21, 1998

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

Mr. Harry Patterson  
Union Pacific Railroad  
1416 Dodge Street, Room 930  
Omaha, Nebraska 68179  
STID 2044

RE: Union Pacific Motor Freight, 1750 Ferro Street, Oakland, 94607

Dear Mr. Patterson:

In your First Quarter 1998 Monitoring Report dated April 28, 1998, Laidlaw Environmental requested to change the fluid-level measurement frequency in well RW from monthly to quarterly. In addition a request was made to discontinue the product skimming pump in recovery well RW. This is acceptable at this time.

In the future, if condition changes, monitoring requirements may be modified to reflect the changes, and the product skimming pump in recovery well RW may have to be reactivated.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Lisa Hennessy, Laidlaw Environmental, 5665 Flatiron Parkway, Boulder,  
Colorado 80301-2800

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO 435

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

June 1, 1998

Mr. Harry Patterson  
Union Pacific Railroad  
1416 Dodge Street, Room 930  
Omaha, Nebraska 68179  
STID 2044

RE: Union Pacific Motor Freight, 1750 Ferro Street, Oakland, 94607

Dear Ms. Hennessy:

This letter is to confirm my telephone conversation today with Ms. Lisa Hennessy of Laidlaw Environmental. Groundwater sampling for monitoring wells Okus-W1, Okus-W7 and Okus-W8 may be reduce to semi-annual from quarterly. (Note: if a well is not sampled in the quarter scheduled, it is to be sampled the following quarter) Groundwater sampling for monitoring wells Okus-W2, Okus-W3, APL/UP-W1 and APL/UP-W2 is to continue on a quarterly basis.

The reporting frequency may be reduced to semi-annually (April and October) from quarterly.

If you have any questions, please contact me at (510)567-6774.

Sincerely,



Larry Seto  
(Sr. Hazardous Materials Specialist)

Cc: Ms. Lisa Hennessy, Laidlaw Environmental Services, 5665 Flatiron,  
Parkway, Boulder, CO 80301-2800  
Files.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO#435

February 4, 1997  
STID 2044  
page 1 of 2

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

Harry Patterson  
Union Pacific Railroad  
1416 Dodge St., rm 930  
Omaha NE 68179

RE: Union Pacific Railroad site, Oakland Motor Freight Facility, 1750 Ferro St., Oakland CA 94607

Dear Mr. Patterson,

Since my last letter to you, dated 2/27/96, the following documents have been received in this office:

- 1) "First Quarter 1996 Monitoring Report," dated 4/23/96, prepared by Laidlaw;
- 2) "Second Quarter 1996 Monitoring Report," dated 7/29/96, prepared by Laidlaw;
- 3) "Third Quarter 1996 Monitoring Report," dated 10/30/96, prepared by Laidlaw; and
- 4) "Fourth Quarter 1996 Monitoring Report," dated 1/29/97, prepared by Laidlaw.

Laidlaw's 1/29/97 cover letter requested a) abandonment of damaged well OKUS-W4, and b) changing the fluid-level measurement frequency for wells OKUS-W5 and OKUS-W6 from monthly to quarterly. These actions were listed as recommendations in Laidlaw's "Third Quarter 1996" report. However, they were not noticed because they were buried in the body of the report. *Please specify future requests in cover letters, separate letters, or by telephone.*

**These requests are acceptable.** Please specify the reason why certain wells are "not accessible" in future reports. Downgradient, offsite well APL/UP-W1 has not been sampled or monitored since 11/29/95 due to "inaccessibility." It is important to sample and monitor this well because it is downgradient and offsite.

If you have any questions, please contact me directly at 510-567-6761.

February 4, 1997  
STID 2044  
page 2 of 2  
Harry Patterson

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Denton Mauldin, Laidlaw, 5665 Flatiron Pky, Boulder CO 80301  
J. Eberle/file

je.2044-B



ALAMEDA COUNTY  
HEALTH CARE SERVICES



R0#435

AGENCY  
DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR

February 27, 1996  
STID 2044

ALAMEDA COUNTY CC4580  
ENVIRONMENTAL HEALTH SERVICES  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

Harry Patterson  
Union Pacific Railroad  
1416 Dodge St., rm 930  
Omaha NE 68179

RE: Union Pacific Railroad site, Oakland Motor Freight Facility, 1750 Ferro St., Oakland CA  
94607

Dear Mr. Patterson,

I have received a request from your consultant, Laidlaw, dated 1/22/96, for the following:

- 1) to decrease the sampling frequency of arsenic from quarterly to annually. This is acceptable, provided the sampling occur in the first quarter.
- 2) to delete lead from the sampling matrix. This is acceptable.
- 3) to decrease the frequency of fluid level monitoring in well OKUS-W4 from monthly to quarterly. This is also acceptable.

A reduction in frequency to annual sampling was previously approved, as per my letter to you dated 9/12/94. A copy of the letter is attached.

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Denton Mauldin, Laidlaw, 5665 Flatiron Pky, Boulder CO 80301  
Acting Chief/file

*BE*  
je.2044-A

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR  
DEPARTMENT OF ENVIRONMENTAL HEALTH

September 12, 1994  
STID 2044

Harry Patterson  
Union Pacific Railroad Co.  
1416 Dodge St, Rm 930  
Omaha NE 68179-0930

Alameda County CC 4580  
Health Care Services Agency  
Dept. Of Environmental Health  
1131 Harbor Bay Pkwy 2nd Flr.  
Alameda, CA 94502-6577

RE: Union Pacific Railroad site, 1750 Ferro St., Oakland CA  
94607

Dear Mr. Patterson,

I am in receipt of the revised "Second Quarter 1994 Monitoring Report," prepared by USPCI, dated 8/16/94. This report documents sampling activities conducted on 5/3/94. This report concludes that analysis for arsenic and lead should be deleted or reduced in frequency. **A reduction in frequency is acceptable; therefore, you may begin annual sampling for arsenic and lead.**

Free product continues to accumulate in OKUS-W6. This well is reportedly being remediated by use of a skimmer pump. Thank you for including a section on monitoring and product recovery in the quarterly reports.

You can reach me at my new phone number: 510-567-6700. The new fax number is 510-337-9335. Please note our new address.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Denton Mauldin, USPCI, 5665 Flatiron Pky, Boulder CO 80301  
Jon Amdur, Port of Oakland, 530 Water St., Oakland CA 94607  
Gil Jensen, Alameda County District Attorney's office  
Ed Howell/file

je 2044

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 15, 1994  
STID 2044

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

Harry Patterson  
Union Pacific Railroad Co.  
1416 Dodge St., Room 930  
Omaha, Nebraska 68179-0930

RE: Union Pacific  
Railroad site  
1750 Ferro St.  
Oakland CA 94607

80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Dear Mr. Patterson,

We are in receipt of a letter from Denton Mauldin of USPCI, dated 3/3/94, requesting a change in the monitoring frequency of groundwater monitoring wells OKUS-W4 and -W5 from weekly to monthly. We are also in receipt of a fax from USPCI dated 3/15/94, which updates the weekly monitoring log to 3/7/94. The data indicates that no free product has been detected in OKUS-W4 or W5 from 2/7/94 to 3/7/94. Based on the information provided to this office, this change is acceptable.

In addition, your proposal to use a solar-powered oil skimming system in RW is acceptable, providing that oil is properly contained and disposed. Please notify me at least 3 business days in advance of skimmer installation. Note that hazardous wastes are allowed to be stored onsite for no longer than 30 days without a storage permit, as per 22 CCR.

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "J Eberle".

Jennifer Eberle  
Hazardous Materials Specialist

cc: Denton Mauldin, USPCI, 5665 Flatiron Pkwy, Boulder CO 80301  
Jon Amdur, Port of Oakland, 530 Water St., Oakland CA 94607  
Gil Jensen, Alameda County District Attorney  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



R0435

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 4, 1994  
STID 2044

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

Harry Patterson  
Union Pacific Railroad Co.  
1416 Dodge St., Room 930  
Omaha, Nebraska 68179-0930

RE: Union Pacific  
Railroad site  
1750 Ferro St.  
Oakland CA 94607

80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Dear Mr. Patterson,

Since my last letter to you dated June 16, 1993, we have received the "Second Quarter 1993 Monitoring Report," dated July 1993; the "Third Quarter 1993 Monitoring Report," dated October 1993; and the "Phase II Site Assessment," dated October 1993. These reports were prepared by USPCI. The "Phase II Site Assessment" and the "Third Quarter 1993 Monitoring Report" were combined into one large hardcover report, dated October 1993.

The "Phase II Site Assessment" documents the drilling of 13 soil borings, 5 of which were converted into groundwater monitoring wells. According to page 35 of the report, Phase Separated Hydrocarbons (PSH) were noted in monitoring well OKUS-W5 (0.02 feet) and in the recovery well (unknown thickness). As an "interim remedial action," PSH must be removed "to the maximum extent practicable, as determined by the local agency," and "in a manner that minimizes the spread of contamination," as per state law {23 California Code of Regulations, Division 3, Chapter 16, Sections 2722 (b), and 2655 (a) and (b)}. Since the PSH has gone unchecked for an extended period of time, it has likely already added to the spread of groundwater contamination. The Phase II report concludes that the lateral extent of contaminated soil and groundwater has not yet been totally defined (see page 33).

The PSH issue has been discussed between myself and Chris Byerman and Rich Pollard of USPCI by telephone on 12/30/93 and 1/4/94. The Phase II report recommends extracting the PSH from both wells, and utilizing the oil/water separator to separate the PSH from the water. The oil/water separator is already in place, and is used to collect oil drippings from the storm drains located in front of the truck repair shop, according to USPCI. A 1,000-gallon aboveground storage tank (AST) is used to collect the reclaimed oil. Several questions have arisen from this discussion:

- 1) How has the water been disposed? (i.e. storm water system, sewer system) Under what permit(s) is the water being disposed? What agency is overseeing this? Would this arrangement continue if and when the wells with PSH are included in this system?

January 4, 1994  
STID 2044  
Harry Patterson  
page 2 of 2

- 2) How often is the "reclaimed oil" AST emptied? Where does this oil go? Can you provide documentation of oil disposal? How is the AST monitored?
- 3) How thick is the PSH in the recovery well? As per my telephone conversation with Chris Byerman of USPCI on 12/30/93, there was approximately 4" PSH in July. As was mentioned earlier, the thickness was not measured during the Third Quarter 1993. **Please monitor the recovery well and report thickness of PSH in future reports.**
- 4) Please provide an explanation for how the oil/water separator system functions to remove oil from the storm drains, as well as how the wells with PSH would be connected. Include information on any pumps that may be used.

Please respond to these items within 30 days or by February 4, 1994. Beginning immediately, as an interim measure and until a dedicated PSH recovery system is installed, PSH should be monitored and hand-bailed from the recovery well and OKUS-W5 on a weekly basis. Legible, detailed records should be kept and submitted to this office on a monthly basis. In addition, OKUS-W4 should be monitored for PSH, since 0.1 inch was detected in this well on 5/12/93. Quarterly groundwater sampling should continue.

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Chris Byerman, USPCI, 24125 Aldine Westfield, Spring TX  
77373  
Jon Amdur, Port of Oakland, 530 Water St., Oakland CA 94607  
Gil Jensen, Alameda County District Attorney  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 16, 1993  
STID 2044

Harry Patterson  
Union Pacific Railroad Co.  
1416 Dodge St., Room 930  
Omaha Nebraska 68179-0930

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: Union Pacific Railroad site  
1750 Ferro St.  
Oakland CA 94607

Dear Mr. Patterson,

Thank you for the submittal of the "Proposed Phase II Site Assessment Workplan," dated June 1993, prepared by USPCI. As you know, this workplan involves the installation and sampling of 10 soil borings, 5 of which are to be converted into groundwater monitoring wells. The purpose of this workplan is to determine the lateral extent of subsurface contamination in both soil and groundwater.

This workplan is acceptable for implementation. I understand you intend to start field activities June 29, 1993, as per a telephone conversation between myself and Chris Byerman of USPCI today.

If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Eric Taylor, USPCI, 24125 Aldine Westfield, Spring TX 77373  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 29, 1993  
STID 2044

Harry Patterson  
Union Pacific Railroad Co.  
1416 Dodge St., Room 930  
Omaha Nebraska 68179-0930

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: Union Pacific Railroad site  
1750 Ferro St.  
Oakland CA 94607

Dear Mr. Patterson,

Thank you for the submittal of the "Preliminary Site Assessment Report," dated April 1993, prepared by USPCI. As you know, this report documents the installation and sampling of 12 soil borings, 5 of which were converted into groundwater monitoring wells. Elevated concentrations of contaminants were detected in both soil and groundwater. Specifically, up to 47,000 ppm TPH-diesel, 19,000 ppm TPH-motor oil, 1,300 ppm total lead, and some 8270 and 8010 compounds were detected in soils. Groundwater contained up to 14,000 ppb TPH-g, 4,500 ppb TPH-motor oil, 5,400 ppb TPH-diesel, 480 ppb benzene, 470 ppb arsenic, 290 ppb chloroform, and some 8270 compounds.

This report concludes that the USTs are the likely source of groundwater contamination, but not necessarily the source of soil contamination. Recommendations include a) quarterly groundwater monitoring to gather information for a remediation plan, and b) a Phase II assessment to define the lateral extent of soil and groundwater contamination.

We agree with these recommendations, and further request submittal of a workplan for the Phase II assessment **within 45 days or by June 13, 1993.**

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Harry Patterson  
STID 2044  
April 29, 1993  
page 2 of 2

Rich Hiatt  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster St., Ste 500  
Oakland CA 94612

If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Eric Taylor, USPCI, 24125 Aldine Westfield, Spring TX 77373  
Rich Hiatt, RWQCB  
Ed Howell/file

je



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 2, 1993  
STID 2044

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Harry Patterson  
Manager, Site Remediation  
Union Pacific Railroad Co.  
1416 Dodge St., Rm 930  
Omaha NE 68179-0930

RE: Union Pacific Railroad site  
1750 Ferro St.  
Oakland CA 94607

Dear Mr. Patterson,

I am writing this letter to you because my messages over the past week to your consultant, Eric Taylor of US PCI, have not been returned. It is my understanding that monitoring wells were installed at this site in January of this year. I also understand that groundwater sampled from these wells contained significant concentrations of contaminants, as per a telephone conversation between myself and Chris Byerman of US PCI on 2/1/93.

Two months have since passed, and a monitoring well installation/sampling report has not been submitted to this office. Therefore, you are requested to submit this report, which should document recent field activities, **within 30 days or by May 2, 1993.**

**Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the RWQCB.**

All reports and documents pertaining to this investigation should also be sent to:

Rich Hiett  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster St., Ste 500  
Oakland CA 94612

Harry Patterson  
STID 2044  
April 2, 1993  
page 2 of 2

If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Eric Taylor, US PCI, Remedial Services, 24125 Aldine  
Westfield, Spring TX 77373  
Rich Hiett, RWQCB  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 25, 1992

STID 2044

Eric Taylor  
USPCI  
24125 Aldine Westfield  
Spring TX 77373

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: Union Pacific Railroad site  
1750 Ferro St.  
Oakland CA 94607

Dear Mr. Taylor,

The case file for the above referenced site has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please forward future correspondence to her attention.

We are in receipt of the "Preliminary Site Assessment," (PSA) prepared by USPCI, dated 6/18/92, under cover letter from Harry Patterson of Union Pacific Railroad Co., dated 7/10/92. We have also received supplemental information letters from Harry Patterson and yourself, dated 7/28/92 and 8/10/92. The PSA, along with the supplemental information is hereby approved with the following understandings:

1) The supplemental information includes a site map with five proposed groundwater monitoring wells. We have noted that there is no proposed groundwater monitoring well within 10 feet of either the former waste oil tanks' excavation, or the former engine oil tank excavation. It is our understanding that wells within 10 feet were not proposed at this point in time in case soil needs to be removed in the vicinity of the former tanks. If the proposed wells contain nondetectable concentrations of contaminants, you will eventually need to install additional wells within 10 feet of the verified downgradient direction of each former tank excavation, as per Tri-Regional Board guidelines.

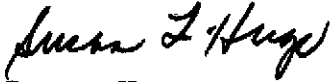
2) Waste oil constituents as specified in your letter of 8/10/92 must include the 8270 analytes for soil samples, as per the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, August 1990.

3) As discussed in a telephone conversation between yourself and J. Eberle of this office, the groundwater extraction well will also be analyzed for all waste oil constituents, as per the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, August 1990. Further groundwater sampling will be based on the results from the soil borings.

Eric Taylor  
STID 2044  
Page 2 of 2  
August 25, 1992

If you have any questions, please contact Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo  
Senior Hazardous Materials Specialist

cc: Harry Patterson, Union Pacific Railroad Co., Room 930, 1416  
Dodge St., Omaha Nebraska 68179-0930  
Rich Hiett, RWQCB  
Ed Howell/File

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0435

RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #P 367 604 505

STID# 2044

April 29, 1992

Andrew Clark-Clough  
Port of Oakland  
P. O. Box 2064  
Oakland, CA 94604-2064

John Segle  
Union Pacific Railroad  
1717 Middle Harbor Road  
Oakland, CA 94607.

RE: Union Pacific Railroad Site at 1750 Ferro Street, Oakland,  
CA

Dear Sirs:

The case file for the above referenced site has recently been reviewed by Britt Johnson, Hazardous Materials Specialist of our staff. One (1) underground storage tank (UST) was removed from this site in December 1987. Two (2) more USTs were removed in May 1988 and two (2) more USTs were removed in February 1990.

At the time of the December 1987 tank removal a large amount of oil was present in the excavation. There are no soil or water sample results in our file for this removal. Soil and water sample results have been submitted for the May 1988 tank removal indicating total oil and grease (TOG) in the soil of up to 18,050 ppm. There are no soil or water sample results in our file for the February 1990 tank removal.

If soil or water sample results exist for either the December 1987 or February 1990 tank removals please submit them to us. If they do not exist you are required to indicate why, as the collection of samples was a condition of the approved closure application issued for the removal of these tanks.

Guidelines established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) require that a groundwater investigation and monitoring program be established whenever any detectable groundwater contamination found and/or soil hydrocarbon contamination reaching or exceeding 100 parts per million (ppm) is detected. This investigation must also define the lateral and vertical extent of both the soil and groundwater contamination.

The investigation shall be in the form of a Preliminary Site

Clark-Clough & Segle  
April 29, 1992  
Page 2 of 3

**Assessment, or PSA.** The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tank Sites. The major elements of such an investigation are summarized in the attached Appendix A

In order to proceed with a site investigation, you should obtain the professional services of a reputable environmental consultant. All reports and proposals must be submitted under seal of a California Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer. Please include a statement of qualifications for each lead professional involved with this project.

This Department is delegated the authority to oversee the assessment and remediation of your site by the RWQCB. Submit all reports and direct all questions to this Department. However the ultimate authority for site closure and "sign-off" still remains with the RWQCB. For this reason copies of reports should be sent to the RWQCB at 2101 Webster Street, Suite 500, Oakland, CA 94612. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, 5997 Parkside Drive, Pleasanton (510) 484-2600.

The PSA proposal is due within 45 days of the date of this letter, or by June 12, 1992. Once your workplan is approved, field work must commence within 60 days. A report must be submitted within 45 days after completion of this work is complete. Subsequent reports are to be submitted quarterly until this is recommended for "sign off" by this Department and approved by the RWQCB. Quarterly reports are due the first day of the second month of each subsequent quarter (i.e., May 1, August 1, November 1, and February 1).

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.

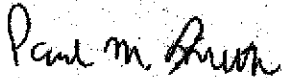
Clark-Clough & Segle  
April 29, 1992  
Page 3 of 3

- Status of groundwater contamination characterization.
- Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- Recommendations or plans for additional investigative work or remediation.

Please be advised that this a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response could result in the referral of this case to the RWQCB for enforcement. The RWQCB can impose civil penalties of up to a \$1,000 per day. Any extensions of stated deadlines, or modifications of the required tasks, must be confirmed in writing by this Department.

If you have any questions, please contact Britt Johnson, Hazardous Materials Specialist, at 510-271-4320.

Sincerely,



Paul Smith  
Senior Hazardous Materials Specialist

cc: Edgar Howell, Chief Hazardous Materials Division  
Gil Jensen, Alameda County District Attorney's Office  
Lester Feldman, RWQCB  
Howard Hatayama, Cal-EPA, DTSC

Attachment

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0435

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

11 February 1991

Andrew Clark-Clough  
Environmental Scientist  
Port of Oakland  
P.O. Box 2064  
Oakland, CA 94604-2064

Subject: Underground Storage Tank Closure at 1750 Ferro St.  
Oakland.

Dear Mr. Clark-Clough:

Enclosed please find a copy of documents submitted to this office regarding the removal of underground storage tanks at the address listed above. These tanks were removed in 1987 and 1988.

Included with this letter are:

An underground storage tank closure report from Gregg & Associates dated June 1988.

An unauthorized release report for the site dated 28 January 1988.

A letter to Stanley Klemetson of Gregg & Associates from this office dated 29 December 1988.

A letter from Stanley Klemetson of Gregg & Associates to Tom Peacock of this office dated 13 January 1989.

If you have any questions concerning this matter, please contact me at (415) 271-4320.

Sincerely,

  
Dennis J. Byrne  
Senior Hazardous Materials Specialist

cc: Rafat Shahid, Assistant Director, Alameda County Department  
of Environmental Health.



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0435

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

June 12, 1989

Mr. Stanley Klemetson, Ph.D., P.E.  
Gregg & Associates, Inc.  
597 Center Ave., Suite 350  
Martinez, CA 94553

Re: Union Pacific Motor Freight  
1750 Ferro St.  
Oakland, CA 94607

Dear Dr. Stanley Klemetson:

In Decemeber of 1988 this office sent you a letter requesting certain information and an update on the underground storage tanks at the above site. In January 1989 you contacted us to say that a letter would be on the way explaining:

1. status of the tanks remaining on the site.
  2. sample analysis from the well that was installed.
  3. methods of leak monitoring for the tanks which are on site and are to be permitted as underground storage tanks.
- This office has had no communication on their disposition or use as of this date.

If you have any other questions, please contact Thomas Peacock, Sr. Hazardous Material Specialist, at 271-4320.

Sincerely,

*Rafat A. Shahid*  
Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:tfp

cc: Lester Feldman, RWQCB

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY  
~~XXXXXX~~ Agency Director



Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA 94621

R0435

December 29, 1988

AGENCY HEADQUARTERS  
~~#99 Fifth Street~~  
~~Oakland, California 94607~~  
(415) 271-4320

Mr. Stanley Klemetson, Ph.D., P.E.  
Gregg & Associates, Inc.  
597 Center Ave., Suite 350  
Martinez, CA 94553

Re: Union Pacific Motor Freight  
1750 Ferro St.  
Oakland, CA 94607

Dear Dr. Stanley Klemetson:

This letter is in response to your Underground Tank Closure Report dated June 1988 (Draft). Apparently there were a total of three tanks on the site that were removed. The 3000 gal. engine oil tank was removed by manifest. The 500 gal. and 1000 gal. waste oil tanks were to be left on site pending a decision on their possible use as above ground tanks. This office has had no communication on their disposition or use as of this date.

A well was installed in the excavation of the 3000 gal. tank. This office has received no sample analysis for that well. The well should be sampled and the analysis forwarded to this office.

This office issued an interim permit for the operation of five (5) underground storage tanks dated September 30, 1988. This permit is only good for 6 months and will be amended to indicate that there are only two (2) tanks at the site.

If you have any other questions, please contact Thomas Peacock, Sr. Hazardous Material Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:tfp

cc: Lisa McCann, RWQCB

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY  
DAVID J. KEARS, Agency Director



R0435

Certified Mailer #P 759 896 723

DEPARTMENT OF ENVIRONMENTAL HEALTH  
470 - 27th Street, Third Floor  
Oakland, California 94612  
(415) 271-4320

May 20, 1988

Hunter Environmental Services  
597 Center Avenue  
Martinez, CA 94553  
Attn: Dr. Stanley Klementson

SUBJECT: UNION PACIFIC RAILROAD, 1750 FERRO, OAKLAND, CA 94607

\*\*\*\*\* FINAL NOTICE OF VIOLATION \*\*\*\*\*

Dear Mr. Klementson:

A letter dated December 30, 1987 was mailed to your contractor, Environmental Technology, in which the following were requested, none of which have been received yet. Pursuant to Section 2672 of Title 23 of California Administrative Code, you are formally requested to submit the following documents within thirty (30) days from the date of this letter, or this matter will be referred to the District Attorney for enforcement.

- 1) Additional deposit of \$300.00 for review costs.
- 2) Final closure plan submittal.

Your proposal dated April 26, 1988 concerning remedial action is acceptable.

Should you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

*R.A. Shahid*  
Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:mam

cc: S. Solomon, Environmental Technology

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY

~~XXXXXXXXXX~~ MICHAEL LEAHY, Agency Director



R0435

470-27th Street, Third Floor  
Oakland, California 94612  
(415) 874-7237

December 30, 1987

Environmental Technology  
4606 Meridian Ave., Ste. G  
San Jose, CA 95124  
Attn: Mr. Stuart Solomon

SUBJECT: Union Pacific Railroad, <sup>1750</sup>1250 Ferro, Oakland CA 94621

Dear Mr. Solomon:

We are in receipt of your correspondence concerning the removal of the underground tanks at the subject location. In order to complete the review of this project, the following must be submitted:

1. Additional deposit of \$300.00 for review costs.
2. Final closure plan.
3. Proposed Remedial Action.
4. Completed Underground Storage Tank Release Form (enclosed)
5. Completed applications to all existing underground tanks.

Items 1 through 3 must be submitted to this office within 30 days upon the receipt of this letter. By law, Item 4 must be submitted within five (5) working days of observance.

If you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 874-7237.

Sincerely,

*R/A. SW*  
Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:SG:mam

cc: Terry Wright, Union Pacific Railroad  
File

Enclosure