

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



10-23-00
1717 Middle Harbor Rd
STID # 4020 (RO # 35)

1750 Ferro St.
STID # 2044 (RO # 435)

ENV
ENV
1131
Alam
(510, ...
FAX (510) 337-9335

DES

October 23, 2000

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 meet 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



RO35

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

September 29, 1999

Mr. John Prall
Port of Oakland
530 Water Street
Oakland, CA 94607
STID 4020

RE: 1717 Middle Harbor Road, Oakland, CA 94607

Dear Mr. Prall:

I spoke with Mr. Ray Maxwell with East Bay Municipal Utility District (EBMUD) concerning waste discharge permit #502-5123 issued for the above site. This permit was issued to the former property owner Union Pacific for the discharge of treated groundwater, and is non-transferable. I impressed upon Mr. Maxwell the importance of keeping the remediation system for the groundwater operating. He said the review process for a new waste discharge permit for this site is not complicated. The Port of Oakland needs to complete the application and submit it EBMUD for review.

If you have any questions, please contact Mr. Maxwell at 287-1655 or me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Ray Maxwell, EBMUD, 375 11th Street, Oakland, CA 94607
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0#35

August 14, 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 4020

RE: Union Pacific Railroad, 1717 Middle Harbor Road, Oakland, CA

Dear Mr. Patterson:

I have received a letter dated July 30, 1998, from Lisa Hennessy of Laidlaw Environmental Services requesting to change the semi-annual reporting dates from April and October of each year to July and January. Groundwater sampling would continue during the first and third quarters of the year to account for seasonal fluctuations. This is acceptable.

In addition, fluid level measurements should continue on a bi-monthly basis.

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, CO 80301-2800

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO 35

StID 3836
Certified Mailer # Z 115 363 862

June 17, 1998

Mrs. Kay Bradford
Messrs. James and Michael Bradford
1717 Park Street
Alameda, CA 94501

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

**Re: Access to Install Environmental Boring/Monitoring Well at 1717 Park Street, Alameda
CA 94501**

Dear Mrs. and Messrs Bradford:

Our office has been overseeing the on-going subsurface investigation of a petroleum fuel release at **1701 Park Street, Alameda, CA**. This site is located immediately southwest of, and upgradient of (based on groundwater flow direction), your site at 1717 Park Street. During the course of the investigation at this site, it appears that groundwater contamination may be migrating onto your site. Therefore, our office has requested that Mr. Ted Simas, owner of the 1701 Park Street property, install borings and/or a groundwater monitoring well offsite (on your property) in order to determine the lateral extent and severity of the petroleum contamination in groundwater. I have been informed that Mr. Keith Simas has requested permission from you for the installation of the exploratory borings, but have not yet received word from you on this matter. Enclosed is his letter and a site plan showing the possible locations of the proposed borings. This letter is to confirm the County's position that this offsite investigation is necessary to determine the limit of the fuel release from the 1701 Park Street property.

Please be advised, that as the local implementing agency delegated by the Water Board to oversee the remediation of sites which have experienced fuel releases from underground tanks, the investigation and cleanup of said sites must be consistent with the provisions of Title 23, California Code of Regulations and the Porter-Cologne Water Quality Control Act (Water Code). Specific to the Water Code, Resolution No. 92-49, as published by the State Water Resources Control Board, is the **Policies and Procedures for the Investigation of Discharges to the Water**. Within this policy the discharger, in this instance Mr. Simas' property, is required to extend the investigation and cleanup to **any** (bold added) location affected by the discharge or threatened discharge. The Regional Water Board has the authority to require uncooperative landowners and tenants of affected property to cooperate or, if necessary, to participate in investigation, cleanup and abatement.

Our office recommends your cooperation with Mr. Simas in allowing them access to the 1717 Park Street property, specifically the rear and side yards, for the purpose of installing offsite borings or monitoring well. Should this access be denied, you may be requested to perform your investigation at your own expense. Based upon the results of the initial borings, it will be determined if a permanent well is required.

Mr. and Mrs. Bradford
re: Access to 1717 Park Street, Alameda
June 17, 1998
Page 2 of 2

Should you not be able to resolve this issue, our office will request your presence at a hearing in the presence of the Alameda County District Attorney's office.

Please contact me at (510) 567-6762 should you have any questions regarding this letter.

Sincerely,



eva chu
Hazardous Materials Specialist

enclosures

c: Robert Silverman, 2223 Santa Clara Ave, Suite B, Alameda, CA 94501 (w/)
Robert Chambers, Alameda County District Attorney's Office (w/o)
Keith Simas, 2307 Pacific Ave, Alameda, CA 94501 (w/o)

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 35

ENVIRONMENTAL HEALTH SERVICES

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

May 4, 1998

Mr. Harry Patterson
Union Pacific Railroad
1416 Dodge Street, Room 930
Omaha, Nebraska 68179
STID 4020

RE: Union Pacific Railroad, 1717 Middle Harbor Road, Oakland, CA

Dear Mr. Patterson:

I have reviewed the Semi-Annual Monitoring Report (October 1, 1997 to March 31, 1998) for the above site dated April 28, 1998 by Laidlaw Environmental Services. The report stated the recovery system, consisting of recovery wells ORW-1, ORW-2, ORW-3, OMW-9 and OP-4, has not been operative since the last week of September 1997. This was due to a broken air compressor. A replacement air compressor has been obtained by UPRR. The approximate restart date for the system is Mid- May, 1998.

Please inform this office within 10 days of the receipt of this letter the current status of the recovery system.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#35

October 29, 1997
STID 4020

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

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

re: 1717 Middle Harbor Rd., Oakland, CA 94607

Dear Harry Patterson:

This office has received and reviewed a Semi-annual Monitoring Report, dated July 29, 1997 by Laidlaw Environmental Services, Inc., for the above site. The following are comments concerning this report.

1. This department accepts the conclusions on page 6 of the report.
2. the system seems to be working. Semi-annual reports are still acceptable.

This case will be overseen by Larry Seto, who you may call with any questions at (510) 567-6774.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Denton Mauldin, Laidlaw Environmental Services, Inc., 5665
Flatiron Parkway, Boulder, CO 80301
John Prall, Port of Oakland, 530 Water St., Oakland, CA
94607
LeRoy Griffin, Oakland Hazardous Materials
Gordon Coleman, Chief - files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Ro# 35

March 21, 1997

STID 4020

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

Attn: Harry Patterson, P.E.
Union Pacific Railroad Co.
1416 Dodge St., Room 930
Omaha NE 68179

RE: Union Pacific Railroad Co. Trailer-on-Flat-Car (TOFC) Site, aka Former Diesel Refueling Area, 1717 Middle Harbor Rd., Oakland CA 94607

Dear Mr. Patterson,

Since our last letter to you, dated 1/23/97, the following documents have been received in this office:

- 1) letter regarding file update, prepared by Laidlaw Environmental Services, dated 2/20/97; and
- 2) "Additional Remediation Workplan," prepared by Laidlaw Environmental Services, dated 3/14/97.

The 3/14/97 workplan involves the conversion of two existing wells (OP-4 and OMW-9) to recovery wells, as well as a capture zone analysis after three quarters of operational data have been collected from the enhanced recovery system. **This workplan is acceptable. Field work should begin within 45 days, or by May 6, 1997. The report of field activities should be submitted to this office within 75 days, or by June 6, 1997.** This schedule allows ample time.

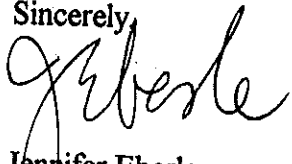
At present, the outstanding items requested in my 1/23/97 letter are 1) submittal of a brief letter report detailing well destruction activities (DS1, DS2, and DS3), and 2) submittal of USPCI's 9/5/91 "Preliminary Design Report." **Please submit these two items within 30 days, or by April 21, 1997.**

Lastly, the groundwater monitoring and sampling schedule should be changed from second and fourth quarters to first and third quarters. This will take into account the seasonal high and low groundwater table.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite. If you have any questions, please contact me at 510-567-6761.

March 21, 1997
STID 4020
page 2 of 2
Attn: Harry Patterson, P.E.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: John Prall, Port of Oakland, Environmental Dept., 530 Water St., Oakland CA 94607
Denton Mauldin, Laidlaw, 5665 Flatiron Pky, Boulder CO 80301
Vince Christian, RWQCB
J. Eberle/file

je.4020-A

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

2035

January 23, 1997
STID 4020
page 1 of 4

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

Attn: Harry Patterson, P.E.
Union Pacific Railroad Co.
1416 Dodge St., Room 930
Omaha NE 68179

RE: Union Pacific Railroad Co. Trailer-on-Flat-Car (TOFC) Site, aka Former Diesel Refueling Area, 1717 Middle Harbor Rd., Oakland CA 94607

Dear Mr. Patterson,

Since our last letter to you, dated 10/18/95, signed by Dale Klettke, the following documents have been received in this office:

- 1) "Semi-Annual Monitoring Report, Hydrocarbon Recovery System," prepared by Laidlaw Environmental Services, dated 12/19/95;
- 2) "Environment Assessment of the Diesel Spill Site," prepared by Laidlaw Environmental Services, dated 1/8/96;
- 3) "First Quarter 1996 Monitoring Report," prepared by Laidlaw Environmental Services, dated 4/30/96;
- 4) "Semi-Annual Monitoring Report, Hydrocarbon Recovery System," prepared by Laidlaw Environmental Services, dated 7/26/96;
- 5) "Third Quarter 1996 Monitoring Report," prepared by Laidlaw Environmental Services, dated 10/30/96; and
- 6) "Semi-Annual Monitoring Report, Hydrocarbon Recovery System," prepared by Laidlaw Environmental Services, dated 12/20/96.

As you know, a derailment caused a spill of approximately 750 gallons of diesel product on 10/1/95. Three groundwater monitoring wells (DS1, DS2, and DS3) were installed in this area on 11/8/95. Soils with obvious staining were excavated to a depth of 0.5 feet on 1/5/96. No diesel product was detected in the DS wells over a period of one year (11/95 to 11/96). TPHd, TPHg and BTEX have been ND during this time, while heavier hydrocarbons have been present. It appears that the diesel product had already dispersed in the sandy and gravelly subsurface by the time the wells were installed. **Your request to properly abandon these wells is acceptable. Please provide a brief letter report detailing well destruction activities.**

January 23, 1997

STID 4020

page 2 of 4

Attn: Harry Patterson, P.E.

A free product recovery system (consisting of three 8" diameter recovery wells and pumps) was installed by April 1992. Groundwater/free product is pumped out, the product is separated into a storage tank, and the groundwater is treated by carbon and discharged to the sewer under EBMUD permit. This system reportedly commenced operation on 5/8/92. Prior to system startup, the maximum thickness of free product recorded was 5.45 feet (ORW-1, 6/19/91) (see Table 5, "Semi-annual Monitoring Report," Laidlaw, 12/20/96). Since system startup, the maximum thickness of free product recorded was 5.99 feet (OMW-9, 5/14/93). The maximum thickness of free product during the last quarterly monitoring event (11/12/96) was 3.46 feet (OP-4).

Clearly, a significant amount of free product still exists at this site. Laidlaw's conclusions report that the system is effective, based on gallons of diesel removed and effluent concentrations in the water stream from the carbon units. However, **the thickness of free product has not been significantly reduced over nearly five years of system operation.** Only three recovery wells are included in the system (ORW-1, ORW-2, and ORW-3). However, the free product plume extends approximately 150' to the southwest of ORW-1 (3.46' product in OP-4 on 11/12/96), and approximately 150' to the south of wells ORW-2 and ORW-3 (2.13' product in OP-2 on 11/12/96), and approximately 35' to the north-northwest of ORW-3 (1.54' product in OMW-4 on 11/12/96).

I understand that the hydrocarbon recovery system was originally designed for additional flow capacity, due to the possibility of adding additional recovery wells. **You are requested to submit an additional remediation workplan for improving the hydrocarbon recovery system in order to enhance free product recovery, within 45 days, or by March 11, 1997.** This may entail hooking up additional existing wells to the system, creating new trench(es) to remove free product, or other means. **Our main concern is the migration and remediation of the free product plume. Free floating product 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)}.

I have recently reviewed the "Draft Final Revised UST Investigation Report," for "Former Underground Storage Tank Sites 211, 331N, 331S, 331E, 332, 334, 511D, 750, 842, and 845." This report was dated December 1996 and was prepared by ERM-West, Inc. for the Navy's Fleet and Industrial Supply Center, in Oakland (FISCO) site. This report details UST investigation activities for ten separate sites within FISCO. There are three such UST sites which are located on the southeast border of the FISCO site, nearest to this UPRR site. They are UST sites 750, 842, and 845; see attached map. Three monitoring wells were installed at each UST site. Groundwater flow direction was south-southwest at UST site 750 on 8/2/96, northwest at UST site 842 on 1/20/95, and north-northeast at UST site 845 on 1/23/95. **Groundwater results**

January 15, 1997

STID 4020

page 3 of 4

Attn: Harry Patterson, P.E.

indicate no free product in any of these 9 wells. Maximum dissolved groundwater concentrations were 1800 ug/L TPHd, 550 ug/L TPHg and 24 ug/L benzene at UST site 750; 156,000 ug/L TPHd and 3 ug/L benzene at UST site 842; and 7,563 ug/L TPHd at UST site 845. These concentrations were reported on the respective site maps; dates were not included. Of these concentrations, the highest concentration was 156,000 ug/L TPHd at UST site 842. This was a grab sample collected in boring 842-W3 via direct push technique. Another grab sample collected approximately 50 feet to the west (sample 842-W9 in the former UST excavation) contained ND results. A water sample collected from 842-MW1, located approximately 25' to the southeast contained ND results as well.

A cursory review of this data indicate that **the Navy property appears not to be the source of the free product on your site.** Pertinent sections of this report are being copied and sent to your consultant (Laidlaw) for review. Further subsurface investigation work is recommended for these 3 UST sites. [Information regarding the tank removals is not included in this report, and may not have been compiled at all.]

In addition, **you are requested to submit the following figures** which were not included in the "Hydrocarbon Investigation and Remedial Design" report prepared by USPCI, dated 6/5/91: Figure 2, 3A, 3B, 4, and 5. **Please submit these figures within 30 days, or by February 23, 1997.** Page 15 of this report mentions an "operating groundwater recovery system (french drain)" which "exists just west of the fueling facility" and was "designed to depress the groundwater surface and prevent water damage to rail switches and has been in operation for several years." The report goes on to say that "The recovery system was not designed to recover free product, but does discharge to an oil/water separator." **Please submit a site map which depicts the location of this french drain and associated appurtenances, within 30 days or by February 15, 1997.** As per a telecon with Denton Mauldin of Laidlaw on 1/15/97, this french drain was never hooked up to the oil/water separator. Incidentally, the oil/water separator mentioned here is the same structure which is part of the hydrocarbon recovery system.

The 6/5/91 USPCI report also presents boring logs for OMW-1 through OMW-8. However, it does not include boring logs for OMW-9 and OMW-10. **Were these wells installed at a later date? If so, which report includes their boring logs? Please respond to these inquiries, and submit the boring logs for these two wells within 30 days or by February 23, 1997.**

Page 3 of the 7/20/92 "Hydrocarbon Recovery System, As-Built Construction Report" prepared by USPCI refers to an (undated) "Preliminary Design Report" which should contain boring logs for the three recovery wells (ORW-1 thru ORW-3). However, I could not locate this report in our files. **Please reference this report by date and consultant (and exact title), and please submit the boring logs for these recovery wells within 30 days or by February 23, 1997.** It is

January 23, 1997

STID 4020

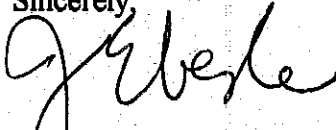
page 4 of 4

Attn: Harry Patterson, P.E.

possible that somebody took this report from the file. Our files are public records, and do get reviewed by the general public on a regular basis.

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

Sincerely,



Jennifer Eberle

Hazardous Materials Specialist

cc: John Prall, Port of Oakland, Environmental Dept., 530 Water St., Oakland CA 94607
Denton Mauldin, Laidlaw, 5665 Flatiron Pky, Boulder CO 80301
Vince Christian, RWQCB
J. Eberle/file

je.4020



STID 4020

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

October 18, 1995

Harry Patterson
Union Pacific Railroad Company
1416 Dodge Street, Room 930
Omaha NE 68179-0930

RE: UNION PACIFIC RAILROAD SITE, 1717 MIDDLE HARBOR RD, OAKLAND, CA

This letter is in response to a October 17, 1995 - USPCI "Proposal for the Subsurface Investigation of the Diesel Fuel Spill near the Union Pacific Railroad yard at 1717 Middle Harbor Road in Oakland, California" prepared by Ken Rose of the USPCI office in Boulder, Colorado.

At approximately 1:00 am on October 1, 1995, approximately 700 gallons of diesel fuel was spilled on the railroad tracks on the eastern end of the property located at 1717 Middle Harbor Road in Oakland, California. The spill immediately penetrated the coarse rocks underlying the railroad tracks and into the soils beneath. On Tuesday, the 3rd of October, a hand auger soil boring was advanced in the area of the spill to determine whether the diesel spill had already reached shallow groundwater, which is first encountered at approximately eight (8) feet below the ground surface. Free product was observed floating on the groundwater.

The above referenced proposal involves the drilling of three soil borings to an approximate depth of fifteen (15) feet below surface. The borings will then be subsequently converted to groundwater monitoring wells. These wells will then be monitored and free product recovery will be initiated in the wells that contain measurable levels of diesel fuel.

This proposal is approved by this office with the stipulation that free product recovery should be initiated as soon as possible.

I am temporary covering for Jennifer Eberle in her absence. Please feel free to call me directly at (510)567-6880 with any of your questions or comments.

Sincerely,

Dale Klettke, CHMM
Hazardous Materials Specialist

c: Thomas Peacock, Supervising Hazardous Materials Specialist--files
Ken Rose, 5665 Flatiron Parkway, Boulder, Colorado 80301-2800

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0#35

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 26, 1995
STID 4020

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

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

RE: Union Pacific Railroad site, Refueling Area, 1717 Middle
Harbor Rd., Oakland CA 94607

Dear Mr. Patterson,

I am in receipt of the "Third Quarter 1994 Monitoring Report," prepared by USPCI, dated 10/28/94. This report documented the sampling of groundwater on 5/2/94, as well as the gauging of wells on 7/29/94 and 9/26/94 to determine groundwater flow direction. This report also reported the results of capture zone modeling. The conclusion was that the current remediation system is probably not creating enough of an influence to completely capture and control the free product and/or dissolved plumes. A recommendation was made to install piezometers to measure the effectiveness of the existing remediation system.

Subsequently, a workplan dated 1/13/95, prepared by USPCI, was submitted for piezometer installation. This workplan includes three 2" piezometers and one additional 4" recovery well. Fluid levels will be measured in the piezometers. **This workplan is acceptable; I imagine work will commence within 45 or 60 days at the outset.**

Please note that reports may be submitted double-sided to save precious paper. If you have any questions, please contact me at 510-567-6700, extension 6761.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer 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
Larry Blazer, Alameda County District Attorney's office
Ray Balcom, RWQCB
Ed Howell/file

je 4020-C

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R035

September 21, 1994
STID 4020

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, 2ND FLOOR
ALAMEDA, CA 94502-6577

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

RE: Union Pacific Railroad site, Refueling Area, 1717 Middle Harbor Rd., Oakland CA 94607

Dear Mr. Patterson,

I am in receipt of the "Quarterly Monitoring Report, Hydrocarbon Recovery System," prepared by USPCI, dated 7/14/94. This report documented the sampling of groundwater on 5/2/94, as well as the operation of the free product recovery system.

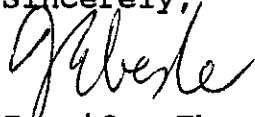
On 9/21/94, I spoke with Denton Mauldin of USPCI regarding the frequency of report submittals. I requested quarterly free product recovery reports and biannual (twice per year) groundwater sampling reports. The quarterly free product recovery reports should include a discussion section regarding the overall efficacy of the treatment system, and potentiometric maps. The discussion on the treatment system should be backed up with groundwater modelling, including pumping rates, capture zones maps, and isoconcentration maps, in order to discern whether the plume is migrating. Water level measurements are being done semi-monthly (every 2 months); please include potentiometric maps for each event. Groundwater is being sampled twice a year at this site. Groundwater sampling results can simply be incorporated into the quarterly free product reports. Obviously, laboratory reports for the sampling should be included. In total, I should receive four reports per year. Mr. Mauldin agreed to submit these reports within 30 days from the end of each quarter. **The next quarterly report is therefore due by October 31, 1994.** Please note that reports may be submitted double-sided to save precious paper.

Lastly, we have not yet received the Unauthorized Leak Report (ULR) for the release(s) from this site. This site is not listed in the State Water Resources Control Board's "Report on Releases of Hazardous Substances from USTs," aka LUSTIS database, dated January 1992. I requested the ULR in my last letter to you, dated 2/15/94. The ULR should have been submitted within 5 days of when this release was first discovered, in February 1991. **Please submit the ULR within 10 days, or by October 3, 1994.** The ULR form was sent to you along with my 2/15/94 letter.

September 21, 1994
STID 4020
Harry Patterson
page 2 of 2

If you have any questions, please contact me at 510-567-6700,
extension 6761.

Sincerely,



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
Larry Blazer, Alameda County District Attorney's office
Ray Balcom, RWQCB
Ed Howell/file

je 4020-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R035

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

March 7, 1994
STID 4020

Lester Feldman
Regional Water Quality Control Board
2101 Webster St., Suite 500
Oakland CA 94612

RE: Union Pacific Railroad site
1717 Middle Harbor Rd.
Oakland CA 94607

Dear Mr. Feldman,

I would like to inform you of the transfer of lead agency oversight status from RWQCB to Alameda County for the above-referenced site. This matter has been discussed between myself and Ray Balcom of your staff. This is a free product case with ongoing groundwater treatment. I also oversee the adjacent UPRR site, which also has free product.

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

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Denton Mauldin, USPCI, 5665 Flatiron Pkwy, Boulder CO 80301
Harry Patterson, Union Pacific Railroad Co., 1416 Dodge
St., Room 930, Omaha, Nebraska 68179-0930
Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R035

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 15, 1994
STID 4020

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

RE: Union Pacific
Railroad site
✓ 1717 Middle Harbor Rd.
Oakland CA 94607

Dear Mr. Patterson,

This letter is being written pursuant to our telephone conversation earlier today. As per our discussion, you agreed to send me the most recent report of groundwater extraction/monitoring activities for the above referenced site. I would appreciate this report within the next week.

Upon a review of the file for this case, I noticed that a tank removal report has not yet been submitted. Therefore, we request that you **submit this tank removal report within 30 days, or by March 15, 1994.** This report was due within 60 days of tank removal, as stipulated in the tank closure plan which was signed by Tim Albright and yourself on 4/1/93. This report should include copies of the signed manifests, including those for the tank, offhauled soil, and any water which may have been removed from the excavation. There should also be a narrative section describing the tank removal activities, a clearly defined site map, and the other items specified in the instructions for the tank closure plan (see attachment). In addition, an Unauthorized Leak Report (ULR) has not been submitted. The ULR is usually due within five days of discovery of the release. I have attached a blank copy for your convenience. **Please submit the ULR with the tank removal report, or earlier.**

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

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Denton Mauldin, USPCI, 5665 Flatiron Pkwy, Boulder CO 80301
Ed Howell/file

je
attachment

NOTE: These requirements are excerpts from 29 CFR Part 1910.120(b)(4), Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule. R035

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tanks and piping in addition to the ones being pulled.

20. DEPOSIT

A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

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



DEPARTMENT OF

Certified Mailer #P 759 896 720

② ENVISION

① Union Pacific Railroad
1717 Middle Harbor Rd
(RO35)

② Union Pacific RR/SPT Co
Loco Fuel Plant WDOI
OPine (RO931)

470 - 27th Street, 11th floor
Oakland, California 94612
(415) 271-4320

May 20, 1988

Southern Pacific Railroad
1 Market Plaza, Room 1007
San Francisco, CA 94105
Attn: Mr. Tim Becker

SUBJECT: OAKLAND RAILYARDS, OAKLAND CA

***** FIRST NOTICE OF VIOLATION *****

Dear Mr. Becker:

A number of underground tanks were removed from the subject premise in January 1988. Pursuant to Section 2672 of Title 23 of the California Administrative Code, you are formally requested to submit the following documents within thirty (30) days.

- 1) Final closure submittal.
- 2) Proposed Remedial Action.

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

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

cc: Mr. Douglas Graham, Canonic Engineering