

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



02-15-01

20435

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
• 1717 Middle Harbor Rd
STID # 4020 (RO # 35)

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

ENI
ENV
1131
Alarm
(510)
FAX (510) 337-9335

CES

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



SEN/ 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)

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, 505-14th Street, 7th Floor
Oakland, CA 94612
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

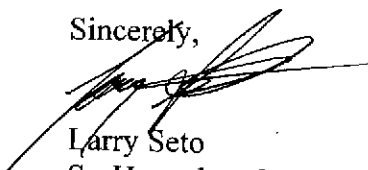
Dear Mr. Patterson:

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



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

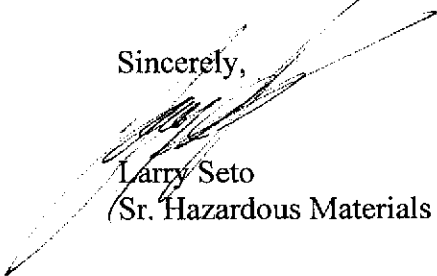
Dear Ms. Hennessy:

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

ENVIRONMENTAL
PROTECTION

98 FEB -3 AM 9:21 January 28, 1998

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

Subject: *Fourth Quarter 1997 Monitoring Report* Oakland Motor Freight Facility, 1750
Ferro Street, Oakland, California, Laidlaw Project No. 96120-844

Dear Mr. Patterson:


Enclosed is the final copy of the *Fourth Quarter 1997 Monitoring Report*, for the Union Pacific Motor Freight Facility at 1750 Ferro Street in Oakland, California. The Second Quarter 1997 Monitoring Report, dated July 29, 1997 included the following recommendations:


- Discontinue the operation of the product skimming pump in the recovery well (RW);
- Change the fluid-level measurement frequency in well RW from monthly to quarterly;
- Change the groundwater sample collection frequency from quarterly to semi-annually (first and third quarters); and,
- Change the reporting frequency from quarterly to semi-annually (April and October).

Mr. Larry Seto of the Alameda County Department of Environmental Health (ACDEH) has been assigned to the subject project. Since, Mr. Seto needed some time to review the project history, he requested that Laidlaw continue the quarterly monitoring program. However, we suggest that you contact ACDEH if you do not receive a response by the end of March 1998.

If you have any questions, please call us at (303) 938-5500.

Sincerely,


Denton Mauldin
Project Manager


Sam Marquis, R.G., P.G.
Project Hydrogeologist

cc: Larry Seto, ACDEH
John Prall, Port of Oakland
Jami Matanky, APL

ENVIRONMENTAL
PROTECTION

January 21, 1998

98 JAN 23 PM 3:19

Harry P Patterson, P.E.
Manager Environmental Site Remediation
Union Pacific Railroad Company
Room 930
1416 Dodge Street
Omaha, Nebraska 68179

1750 Fero St
Oak. 94607

1717 Middle Harbor
Oak. 94607

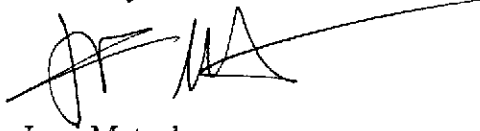
Dear Mr. Patterson

Please be advised that all future Monitoring Reports and/or other correspondences relating to the Union Pacific Railroad's Hydrocarbon Recovery System in Oakland, CA should be directed to APL's Regional Safety and Environmental Manager located at APL's Middle Harbor Terminal. I no longer need to be copied on this project's activities. I have forwarded my records to the Regional Safety and Environmental Manager. His name and address is as follows:

Jack Murphy
APL, Limited
Regional Safety and Environmental Manager
1395 Middle Harbor Road
Oakland, CA 94607

phone number 510-2723932

Sincerely,



Jami Matanky

copied: Raymond Maxwell -EBMUD
Larry Seto -Alameda County Dept. of Environmental Health
John Prall -Port of Oakland
Jack Murphy -APL/MHT



July 29, 1997

ENVIRONMENTAL
PROTECTION

97 JUL 31 PM 3:40

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

Subject: *Second Quarter 1997 Monitoring Report* Oakland Motor Freight Facility, 1750 Ferro Street, Oakland, California, Laidlaw Project No. 96120-844

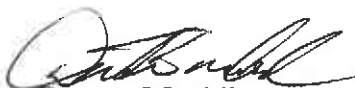
Dear Mr. Patterson:

Enclosed is the final copy of the *Second Quarter 1997 Monitoring Report*, for the Union Pacific Motor Freight Facility at 1750 Ferro Street in Oakland, California. The report includes the following recommendations:

- Discontinue the operation of the product skimming pump in the recovery well (RW);
- Change the fluid-level measurement frequency in well RW from monthly to quarterly;
- Change the groundwater sample collection frequency from quarterly to semi-annually (first and third quarters); and,
- Change the reporting frequency from quarterly to semi-annually (April and September).

If you have any questions, please call us at (303) 938-5500.

Sincerely,



Denton Mauldin
Project Manager



Sam Marquis, R.G., P.G.
Project Hydrogeologist

cc: Jennifer Eberle, ACDEH
John Prall, Port of Oakland
Jami Matanky, APL
Mark McCormick, USPCI/Laidlaw

Enclosure

oakm1qtrmf297.ltr, 96120-844, July 29, 1997

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 29, 1997

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

Subject: *Fourth Quarter 1996 Monitoring Report* Oakland Motor Freight Facility, 1750
Ferro Street, Oakland, California, USPCI/Laidlaw Project No. 96120-844

Dear Mr. Patterson:

Enclosed is the final copy of the *Fourth Quarter 1996 Monitoring Report*, for the Union Pacific Motor Freight Facility at 1750 Ferro Street in Oakland, California.

In the *Third Quarter 1996 Monitoring Report*, dated October 30, 1996, Laidlaw recommended the following:

- Abandon the damaged well OKUS-W4.
- Change the fluid-level measurement frequency for wells OKUS-W5 and OKUS-W6 from monthly to quarterly.


A response from the Alameda County Department of Environmental Health has not received regarding the above recommendations. If a response is not received by February 28, 1997, it is recommended that the above items be implemented in March 1997.

If you have any questions, please call us at (303) 938-5500.

Sincerely,



Denton Mauldin
Project Manager


Sam Marquis, R.G., P.G.
Project Hydrogeologist

cc: Jennifer Eberle, ACDEH
John Prall, Port of Oakland
Jami Matanky, APL
Mark McCormick, USPCI/Laidlaw

ENVIRONMENTAL
PROTECTION
97 FEB -4 AM 9:17

Enclosure
DM/tjh

oakmf\qtrmf496.ltr, 96120-844, January 29, 1997

ALAMEDA COUNTY
HEALTH CARE SERVICES



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

BC
je.2044-A

To *Juliet Blake*

No. of Pages *1*

Today's Date *2/23/95*

Time

Company

From *Kimberly*
Company

Location

Location

Dept. Charge

Fax # *510-337-9335* Telephone #

Fax # Telephone #

Comments

Original Disposition: Destroy Return Call for pickup

I am re-sending this fax originally sent 2/21/95.

Memorandum

*Alameda
Jenn has
book*

ERM-West, Inc.
1777 Botelho Drive
Suite 260
Walnut Creek, CA 94596
(510) 946-0455
(510) 946-9968 (Fax)

To: Ms. Juliet Blake
Alameda County Department of Environmental Health,
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

From: Kimberly S. Lagomarsino, R.E.A. *K.S.L.*
Environmental Scientist



Subject: File Review

Date: February 21, 1995

Pursuant to our telephone conversation today, ERM-West would like to review files for two Union Pacific LUST sites. The sites are located at 1717 Middle Harbor Road and 1750 Ferro Street, Oakland, California 94607. ERM-West would like to schedule a review time as soon as possible during the week of February 20 through February 24. ERM-West understands that a fee of \$90 per hour will be assessed by the Department of Environmental Health for the file review.

*5734020
5710
2044*

Please contact myself or Don Daniels with a time for the file review. Thank you for your attention to this matter.

Will be Eric Wood @ 2:00

*arrived 3:45 ended 7:45 1 hr @ 90-
2-24-95*

Post-it® Fax Note	7671	Date	<i>2/21</i>	# of pages	<i>1</i>
To	<i>Juliet Blake</i>	From	<i>Kimberly Lagomarsino</i>		
Co./Dept.	<i>ACDEH, EPD</i>	Co.	<i>ERM-West</i>		
Phone #	<i>510-567-6750</i>	Phone #	<i>510-946-0455</i>		
Fax #	<i>510-337-9335</i>	Fax #	<i>510-946-9968</i>		

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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



Consulting Services

HAZMAT

26 AUG 19 00 2: 06

August 17, 1994

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

RE: Corrected "**Second Quarter 1994 Monitoring Report**", UPMF Facility at 1750 Ferro Street, Oakland, California, USPCI Project No. 96120-844

Dear Mr. Patterson:

Enclosed is the corrected final copy of the "**Second Quarter 1994 Monitoring Report**", dated August 17, 1994 for the Union Pacific Motor Freight (UPMF) Facility at 1750 Ferro Street in Oakland, California. The previous copy was mistakenly submitted without a page of text. To prevent any discrepancies in the future, USPCI requests that you return or discard the previous report dated July 26, 1994.

Based on the information obtained during the most recent monitoring event, the following recommendations are included in the report:

- To monitor the status of the dissolved petroleum hydrocarbon plume in the groundwater at the site, the quarterly monitoring program should be continued.
- The collection and analysis of arsenic and lead groundwater samples should be discontinued.
- The monitoring of bunker C and product near the Union Pacific Motor Freight facility should be continued.
- The operation and monitoring of the product skimming system in recovery well RW should be continued.

2065 Flatiron Parkway
Denver, Colorado 80202
Tel: 303-938-5500
Fax: 303-938-5520

20125 Aldine Westfield
Spring, Texas 77073
Tel: 713-350-7240
Fax: 713-350-7246

Mr. Harry Patterson
August 17, 1994
Page 2

If you have any questions, please call me at (303) 938-5539.

Sincerely,



Denton Mauldin
Engineer III

cc: Jennifer Eberle, ACDEH
John Amdur, Port of Oakland
Philip Herden, APL
Sam Marquis, USPCI
Ken Fossey, USPCI (cover letter)

Enclosure

DM/tjh



Consulting Services

ALSO
HAZMAT

94 JUL 28 PM 1:25

July 26, 1994

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

RE: **"Second Quarter 1994 Monitoring Report"**, UPMF Facility at 1750 Ferro Street,
Oakland, California, USPCI Project No. 96120-844

Dear Mr. Patterson:

Enclosed is the final copy of the **"Second Quarter 1994 Monitoring Report"**, dated July 22, 1994 for the Union Pacific Motor Freight (UPMF) Facility at 1750 Ferro Street in Oakland, California.

Based on the information obtained during the most recent monitoring event, the following recommendations are included in the report:

- The quarterly monitoring program should be continued.
- The collection and analysis of arsenic and lead groundwater samples should be discontinued.
- The monitoring of bunker C and product near the Union Pacific Motor Freight facility should be continued.
- The operation and monitoring of the product skimming system in recovery well RW should be continued.

oakmfqtr294.ltr, 96120-844, July 26, 1994

5665 Flatiron Parkway • Boulder, Colorado 80301 • 303/938-5500 • Fax 303/938-5520
24125 Aldine Westfield • Spring, Texas 77373 • 713/350-7240 • Fax 713/350-7246

Mr. Harry Patterson
July 26, 1994
Page 2

If you have any questions, please call me at (303) 938-5539.

Sincerely,



Denton Mauldin
Engineer III

cc: Rick Pollard, USPCI
Jennifer Eberle, ACDEH
John Amdur, Port of Oakland
Philip Herden, APL
Ken Fossey, USPCI (cover letter)

Enclosure

DM/tjh



RIEDEL ENVIRONMENTAL
SERVICES INC.

ALCO
HAZMAT

California/Western Region:
4138 Lakeside Drive
Richmond, California 94806
(510) 222-7810
FAX: (510) 222-6868

94 APR 29 PM 1:52

26 April 1994

Ms. Jennifer Eberle, Hazardous Materials Specialist
Alameda County Health Agency
80 Swan Way, Rm 350
Oakland, CA 94621

**SUBJECT: UNION PACIFIC MOTOR FREIGHT MAINTENANCE FACILITY
 ALAMEDA COUNTY HEALTH AGENCY SITE I.D. # 2044
 1750 SERRO STREET, OAKLAND, CALIFORNIA
 RES PROJECT NO. 4117**

Dear Ms. Eberle:

On behalf of Union Pacific Motor Freight (UPMF), Riedel Environmental Services, Inc. (RES) has received from USPCI a petroleum hydrocarbon skimmer (skimmer) for installation at the above referenced site.

As per our telephone conversation earlier today, RES proposes to install the skimmer in the recovery well (RW) at the UPMF site on Friday, 29 April 1994. I expect that RES personnel will arrive on site at approximately 9:00 am.

If you have any questions concerning this matter, please call me at (510) 222-7810.

Sincerely,

RIEDEL ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "Michael A. Sulka", written over a horizontal line.

Michael A. Sulka
Mechanical Engineer

cc Mr. Harry Patterson, Manager, Environmental Site Remediation, UPRR
 Mr. Denton Mauldin, Engineer III; USPCI
 Mr. John Liechti, Senior Engineer; RES



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 15, 1994
STID 2044

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

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

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, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Union Pacific RR Today's Date 2/17/94
 Site Address 1750 Ferro St. EPA ID# _____
 City Dak Zip 94607 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A. GENERATOR (Title 22)

- | | | |
|-------------------|--|---------|
| | <input type="checkbox"/> 1. Waste ID | * 66471 |
| | <input type="checkbox"/> 2. EPA ID | 66472 |
| | <input type="checkbox"/> 3. > 90 days | 66508 |
| | <input type="checkbox"/> 4. Label dates | 66508 |
| | <input type="checkbox"/> 5. Biennial | 66493 |
| Manifest | <input type="checkbox"/> 6. Records | 66492 |
| | <input type="checkbox"/> 7. Correct | 66484 |
| | <input type="checkbox"/> 8. Copy sent | 66492 |
| | <input type="checkbox"/> 9. Exception | 66484 |
| | <input type="checkbox"/> 10. Copies Rec'd | 66492 |
| Misc. | <input type="checkbox"/> 11. Treatment | 66371 |
| | <input type="checkbox"/> 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | <input type="checkbox"/> 13. Ex Haz. Waste | 66570 |
| Prevention | <input type="checkbox"/> 14. Communications | 67121 |
| | <input type="checkbox"/> 15. Aisle Space | 67124 |
| | <input type="checkbox"/> 16. Local Authority | 67126 |
| | <input type="checkbox"/> 17. Maintenance | 67120 |
| | <input type="checkbox"/> 18. Training | 67106 |
| Contn. Agency | <input type="checkbox"/> 19. Prepared | 67140 |
| | <input type="checkbox"/> 20. Name List | 67141 |
| | <input type="checkbox"/> 21. Copies | 67141 |
| | <input type="checkbox"/> 22. Emg. Coord. Tmg. | 67144 |
| Containers, Tanks | <input type="checkbox"/> 23. Condition | 67241 |
| | <input type="checkbox"/> 24. Compatibility | 67242 |
| | <input type="checkbox"/> 25. Maintenance | 67243 |
| | <input type="checkbox"/> 26. Inspection | 67244 |
| | <input type="checkbox"/> 27. Buffer Zone | 67246 |
| | <input type="checkbox"/> 28. Tank Inspection | 67259 |
| | <input type="checkbox"/> 29. Containment | 67245 |
| | <input type="checkbox"/> 30. Safe Storage | 67261 |
| | <input type="checkbox"/> 31. Freeboard | 67257 |

9:05 arrived onsite.
Comments:
9:25 opened OKUS-W5, saw slight sheen in the bailer, took photo of top of casing
9:43 opened OKUS-W4; no sheen in bailer.
9:50 opened the RW. Measured .07' of oil w/the interface probe.
9:57 began bailing the RW. Took photos.
10:25 transferred recovered oil from 5-gal bucket to 55-gal drum located inside bermed area w/ASTs (photo).
Approx. 1 gal oil was recovered today.
10:38
left site

I.B. TRANSPORTER (Title 22)

- | | | |
|----------|--|-------|
| | <input type="checkbox"/> 32. Applic./Insurance | 66428 |
| | <input type="checkbox"/> 33. Comp. Cert./CHP Insp. | 66448 |
| | <input type="checkbox"/> 34. Containers | 66465 |
| Manifest | <input type="checkbox"/> 35. Vehicles | 66465 |
| | <input type="checkbox"/> 36. EPA ID #s | 66531 |
| | <input type="checkbox"/> 37. Correct | 66541 |
| | <input type="checkbox"/> 38. HW Delivery | 66543 |
| | <input type="checkbox"/> 39. Records | 66544 |
| Contn's | <input type="checkbox"/> 40. Name/ Covers | 66545 |
| | <input type="checkbox"/> 41. Recyclables | 66800 |

Rev 6/88

Contact: Mike Sulka RES
 Title: MECHANICAL ENGINEER
 Signature: MIKE SULK

Inspector: Jennifer Eberle
 Signature: J Eberle

UNION PACIFIC RAILROAD COMPANY

K. I. (KEN) WELCH
Assistant Vice President
Environmental Management

S. W. (STEVE) BERKI
Director-Environmental Operations-
Central

G. A. (AVERY) GRIMES
Director-Environmental Operations-
Western

L. A. (LANNY) SCHMID
Director-Environmental Operations-
Southern

R. L. (RICK) EADES
Director-Environmental Site Remediation

N. D. (NORM) SILER
Director-Environmental Technologies

ALCO
HAZMAT



94 FEB -3 AM 11:10

Mailing Address:
Room 930
1416 Dodge Street
Omaha, Nebraska 68179-0930
Fax No. (402) 271-4461

File: Oakland, Ca.
Environmental

February 2, 1994

Ms. Jennifer Eberle
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, Ca. 94621-1439

RE: UPRR Facility, 1750 Ferro Street

Dear Ms. Eberle:

Reference your letter of January 4, 1994 regarding our Phase II Site Assessment reporting.

The Phase Separated Hydrocarbons in the recovery well and in monitoring well OKUS-W5 were bailed out January 31, with approximately one gallon recovered. This will be done weekly for a month to estimate possible oil recovery. Records of these activities will be submitted on a monthly basis by USPCI and included in the quarterly reports. *I want monthly reports of FP recovery* If feasible, we will implement product recovery by installing product only skimming pumps in wells that have floating product. Initially the recovered oil will be collected in a drum.

Waste water from the Motor Freight shop is discharged to the EBMUD, Permit No. 233-90851. We would probably not use the motor freight separator if we pump groundwater for oil recovery. There is a separate treatment system west of the yard office at 1717 Middle Harbor Road, which is permitted to discharge to the EBMUD, permit no. 502-51231.

The reclaimed oil AST is emptied every 90 days if waste oil has been accumulated.


The thickness of PSH in the recovery well will be recorded prior to bailing.

The oil water separator was installed to collect any spilled oil and recover oil from wash water generated in the maintenance of the loading cranes and tractors used on sight to load and unload containerized freight. The crane wash/maintenance pad and drains in the truck shop are hooked to this separator. The liquids first flow by gravity to a sump, from which they are pumped into the separator and then the water gravity drains to the sewer. Oil skimmed in the separator is pumped into the adjacent storage tank.

As information, USPCI is transferring project management of this site from their Spring Tx. office to their Boulder office. The project staff at Boulder is already familiar with this site because of assessment work they have don at the locomotive fueling area. Denton Mauldin will be the team leader for this project.

Should you have any questions please call me at (402) 271-4078.

Yours/ truly,



Harry P. Patterson P.E.
Manager Environmental Site Remediation

CC: Jon Amdur,
Port of Oakland
530 Water St.
Oakland, Ca. 94607
Jeff Asay - Law Los Angeles
Avery Grimes - Room 930
Mark Shaefer - Room 930
Mike Chapman - Room 642
Denton Mauldin - USPCI

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



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
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
1750 Ferro St.
Oakland CA 94607

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?

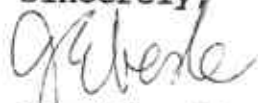
January 4, 1994
STID 2044
Harry Patterson
page 2 of 2

- 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

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Union Pacific RR Today's Date 8/27/93

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

Site Address 1750 Ferro St.
 City Oakland Zip 94607 Phone _____

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

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filled 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OnSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(p)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

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

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670
 - 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose

Comments:

Met USPCU representatives onsite for MW sampling. W5 had FP on Wednesday. Toured the truck repair shop area re MW locations. Saw oil/water separator system, which is used for oily drainage from the wash rack.



8-27-93 Union Pacific RR
 1750 Ferro St
 Oakland
JF

signature: _____



8-27-93 Union Pacific RR
 1750 Ferro St
 Oakland
JF

signature: JF

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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



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.**

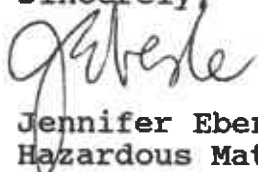
All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals 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



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 2, 1993
STID 2044

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

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.

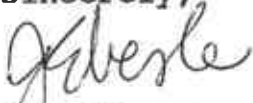
All reports and documents pertaining to this investigation should also be sent to:

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 Hiatt, RWOCB


je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 25, 1992

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

STID 2044

Eric Taylor
USPCI
24125 Aldine Westfield
Spring TX 77373

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



site mit.

92 AUG 19 11:23 49

PORT OF OAKLAND

2044

CHARLES R. ROBERTS
Executive Director

August 6, 1992

94607

Harry P. Patterson
Manager, Environmental Site Remediation
Union Pacific Railroad Company
Room 930
1416 Dodge Street
Omaha, Nebraska 68179-0930

**Subject: Union Pacific Railroad Company's ("UPRC")
Proposed Preliminary Site Assessment ("PSA")
Work Plan for 1750 Ferro Street, Oakland,
California, (UPRC Audit Number 151192)**

Dear Mr. Patterson:

Thank you for submitting to the Port the June 18, 1992, proposed PSA for Port review and comment. If you have not already done so, I recommend you send a copy of the proposed PSA to the Alameda County Department of Environmental Health, Hazardous Materials Division ("County") for their review and comment.

The Port requests that UPRC submit to the Port a revised copy of the proposed PSA which incorporates and responds to comments contained herein for further Port review and comment.

The purpose of this letter is to document the Port's comments on the proposed PSA. Following are the Port's comments:

1. As a preliminary matter, the Port is particularly concerned if contamination from the UPRC site has or potentially may migrate to the Oakland Estuary. UPRC must recognize that future testing and possible remediation of sediments in the Oakland Estuary may be warranted in the future.

2. The proposed PSA fails to indicate that UPRC will seek and obtain permits from the Port, the Bay Conservation and Development Commission ("BCDC") and the Alameda County Flood Control District. The PSA should document these permit requirements.

UPRC must obtain a Port permit to drill groundwater monitoring wells on Port property. I suggest you contact Joe Marsh at the Port at (510) 272-1361 who handles these matters.

Harry P. Patterson
August 6, 1992
Page 2

UPRC must also obtain a BCDC permit for any work done within 100 feet of the shoreline.

UPRC is also required to obtain a permit from the Alameda County Flood Control District for drilling groundwater monitoring wells.

3. Section 3.1 of the proposed PSA provides that USPCI (UPRC's contractor) proposes to obtain soil samples and install groundwater monitoring wells near the former tank pit. I understand five underground storage tanks were removed from the site. Which tank pit is referred to in the proposed PSA? I suggest that the PSA contain a map indicating the location of each of the soil and groundwater sample locations.

4. The PSA should indicate how many soil and groundwater samples will be collected from the site.

5. Section 3.2 of the proposed PSA indicates what constitutes the soil samples will be analyzed for but fails to indicate which constitutes the groundwater will be analyzed for.

6. Section 3.1 of the proposed PSA provides that the analytical results obtained from the soil and groundwater samples will be utilized to define the lateral and vertical extent of petroleum hydrocarbons. Such definition should be down to non-detectable levels of all constituents tested for.

We look forward to receiving a copy of the revised PSA. In addition, we request that any correspondence between UPRC or USPCI and any environmental regulatory agency (including the County) concerning this site be provided to the Port. If you have any comments do not hesitate to contact me at your convenience at (510) 272-1344.

Very truly yours,



Michele Heffes
Legal Assistant

Harry P. Patterson
August 6, 1992
Page 3

cc: Thomas D. Clark, Assistant Port Attorney
Alameda County Department of
Environmental Health
Paul Smith
Britt Johnson
Edgar Howell
Alameda County District Attorney's Office
Gil Jensen
Regional Water Quality Control Board,
San Francisco Bay Region
Lester Feldman
Cal-EPA, DTSC
Howard Hatayama

UNION PACIFIC RAILROAD COMPANY



K. R. (KEN) WELGH
Assistant Vice President
Environmental Management

R. C. (BOB) KUHN
General Director
Environmental Operations
S. W. (STEVE) BARKI
Director-Environmental Operations
Central
G. A. (AVERY) GRAMES
Director-Environmental Operations
Western
L. A. (LANNY) SCHMID
Director-Environmental Operations
Southern
R. L. (RICK) SADEY
Director-Environmental Site Remediation
N. D. (NORM) SILER
Director Environmental Technologies

Mailing Address:
Room 330
1416 Dodge Street
Omaha, Nebraska 68179-0930
Fax No. (402) 271-4461

File: Oakland, Ca.
Environmental

June 10, 1992

Britt Johnson
Hazardous Materials Specialist
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, Ca.

Dear Britt:

Reference our phone conversation today, June 10 concerning Mr. Smith's letter of April 29, 1992 requesting additional information on tank removals at 1750 Ferro St. Per our conversation we request an extension to July 1 for the submission of a work plan for a PSA. In addition I would appreciate your confirming the acceptability of using USPCI as our consultant. USPCI is a subsidiary of Union Pacific Corp. as we are.

Should you have any questions, please call me at 402-271-4078.

Yours truly

Harry P. Patterson
Manager Environmental Site Remediation

OK PER RICH HIETT OF THE CALIF
REG. WATER QUALITY CONTROL BOARD

Post-It™ brand fax transmittal memo 7671		# of pages ▶	1
To	H.P. PATTERSON		
From	BRITT JOHNSON		
Co	UNION PACIFIC		
Co	ALCOHOL MAINT		
Dept.	ENVIOR. REMED.		
Phone #	(510) 271-4320		
Fax #	(402) 271-4461		
Fax #	(510) 569-4757		



UNION PACIFIC RAILROAD ENVIRONMENTAL MANAGEMENT GROUP

1416 DODGE STREET (ROOM 930)
OMAHA, NEBRASKA 68179

FACSIMILE COVER SHEET

PAGE 1 OF _ INCLUDING COVER

DATE & TIME _____

PLEASE ROUTE TO: Britt Johnson

MESSAGE: _____

FROM: Harry Patterson

ALTERNATE TELEPHONE NUMBER 402 271 4078

'Union Pacific Railroad is committed to protecting the environment for our customers, our employees, and the communities in which we operate.
Beyond compliance with laws and regulations, Union Pacific is committed to the development and use of new technologies to preserve the environment for future generations.
Environmental protection is a primary management responsibility as well as the responsibility of every Union Pacific employee.'



PORT OF OAKLAND

May 27, 1992

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

Mr. S. J. McLaughlin
Vice President - Engineering Services
Union Pacific Railroad Company
Room 920
1416 Dodge Street
Omaha, NE 68179

**Subject: Underground Storage Tank Removals at 1750
Ferro Street, Oakland, California (Union
Pacific Railroad Company's ("UPRC") Audit
Number 151192)**

Dear Mr. Segle and Mr. McLaughlin:

The Port of Oakland ("Port") received the April 29, 1992, letter from Mr. Paul Smith of the Alameda County Health Care Services Agency, Department of Environmental Health ("County") addressed to the Port and UPRC concerning the removal of five UPRC owned and operated underground storage tanks ("UST") on Port property leased to UPRC pursuant to that certain lease dated September 1, 1964 ("Lease").

The County letter requires that: (1) a Preliminary Site Assessment ("PSA") proposal be submitted to the County by June 12, 1992; (2) field work commence within 60 days of County approval of the work plan; and (3) a report be submitted to the County within 45 days after completion of the work. The County's subject request for technical reports is pursuant to California Water Code §13267(b). The County letter names the Port and UPRC as responsible parties.

This letter serves to put UPRC and the County on notice that pursuant to the Lease and that certain Indemnification Agreement Regarding Removal of Underground Petroleum Storage Tank ("Tank Agreement") dated February 14, 1990, between the Port and UPRC, UPRC is the sole responsible party for any liabilities arising from the subject UST removals and any environmental contamination related thereto. UPRC's failure to comply with the County's requirements would constitute a breach of the Lease and the Tank Agreement.

John Segle and S. J. McLaughlin

Re: Underground Storage Tank Removals at 1750 Ferro Street,
Oakland, California

May 27, 1992

Page 2

The Port requests that all draft documents produced by UPRC concerning the subject contamination, including the PSA, be submitted to the Port for review and comment.

I look forward to receiving a copy of the PSA for Port review. If you have any questions, do not hesitate to contact me at (510) 272-1344 at your convenience.

Very truly yours,

STANLEY P. HÉBERT
Port Attorney

By *Thomas D. Clark*

THOMAS D. CLARK
Assistant Port Attorney

cc: Alameda County Department of
Environmental Health
Paul Smith
Britt Johnson
Edgar Howell
Alameda County District Attorney's Office
Gil Jensen
Regional Water Quality Control Board,
San Francisco Bay Region
Lester Feldman
Cal-EPA, DTSC
Howard Hatayama



PORT OF OAKLAND

521177 10 10 2:00

May 13, 1992

Mr. Britt Johnson
Alameda County
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

**SUBJECT: Union Pacific Railroad Site at 1750 Ferro Street,
Oakland, California**

Dear Mr. Johnson:

I am in receipt of your agency's letter dated April 29, 1992 concerning underground storage tank removals at the above referenced site. As we discussed on the telephone, these tanks were owned and operated by Union Pacific Railroad. The primary responsibility for investigation and remediation rests with Union Pacific.

As the landowner, we are interested in having the tank closure be completed in accordance with all applicable laws and regulations. The Port will work with our tenant, Union Pacific, and the County to ensure that this is accomplished

If you have any questions or require additional information, please contact me at 272-1178.

Sincerely,

Andrew Clark-Clough
Environmental Scientist

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



PORT OF OAKLAND

May 13, 1992

CALIFORNIA REGIONAL WATER

MAY 10 1992

QUALITY CONTROL BOARD

Mr. Britt Johnson
Alameda County
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

Deedate
2

Water Freight

SUBJECT: Union Pacific Railroad Site at 1750 Ferro Street, Oakland, California

Dear Mr. Johnson:

I am in receipt of your agency's letter dated April 29, 1992 concerning underground storage tank removals at the above referenced site. As we discussed on the telephone, these tanks were owned and operated by Union Pacific Railroad. The primary responsibility for investigation and remediation rests with Union Pacific.

As the landowner, we are interested in having the tank closure be completed in accordance with all applicable laws and regulations. The Port will work with our tenant, Union Pacific, and the County to ensure that this is accomplished

If you have any questions or require additional information, please contact me at 272-1178.

Sincerely,

Andrew Clark-Clough
Andrew Clark-Clough
Environmental Scientist

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

bcc: Neil Werner
Michael Beritzhoff
Jon Amdur

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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.

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

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**

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 M. Smith

~~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

P 367 604 505
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	

NOTE: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. <i>(Extra charge)</i>	2. <input type="checkbox"/> Restricted Delivery <i>(Extra charge)</i>
3. Article Addressed to: Andrew Clark-Clough Port of Oakland P.O. Box 2064 Oakland, CA 94604-2064	4. Article Number P 367 604 505 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>D.J. Jacobs</i>	
7. Date of Delivery <i>5/7/92</i>	

U.S.G.P.O. 1989-234-555

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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:

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The investigation shall be in the form of a **Preliminary Site**

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

MAY 11 1992
QUALITY CONTROL BOARD

[Handwritten signature]
[Handwritten signature]

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

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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.

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

10-15-90

PRODUCER

IRMC Insurance Services
 P.O. Box 740504
 Dallas, Texas 75374-0504

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

COMPANIES AFFORDING COVERAGE

INSURED

USPCI, Inc.
 U.S. Pollution Control, Inc. d/b/a USPCI
 One Commerce Green, Suite 500
 515 West Greens Road
 Houston, Texas 77067

- COMPANY LETTER **A** Insurance Company of the State of PA
- COMPANY LETTER **B** National Union Fire Ins. Co. of Pittsburgh, PA
- COMPANY LETTER **C**
- COMPANY LETTER **D**
- COMPANY LETTER **E**

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
A	GENERAL LIABILITY *				GENERAL AGGREGATE	\$ 5,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE	\$ 5,000
A	<input checked="" type="checkbox"/> CLAIMS MADE OCCUR				PERSONAL & ADVERTISING INJURY	\$ 5,000
	<input checked="" type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.	HGL 801 95 89	12/01/89	01/01/91	EACH OCCURRENCE	\$ 5,000
	* Subject to \$500,000 Self-Insured Retention				FIRE DAMAGE (Any one fire)	\$ 50
					MEDICAL EXPENSE (Any person)	\$ 5
B	AUTOMOBILE LIABILITY **				COMBINED SINGLE LIMIT	\$ 5,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
B	<input checked="" type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS	HBA 802 04 43	12/01/89	01/01/91	PROPERTY DAMAGE	\$
	<input checked="" type="checkbox"/> HIRED AUTOS				EACH OCCURRENCE	\$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS				AGGREGATE	\$
	<input checked="" type="checkbox"/> GARAGE LIABILITY				STATUTORY	\$
	** Subject to \$100,000 Self Insured Retention				\$ 1,000 (EACH ACCIDENT)	
	EXCESS LIABILITY				\$ 1,000 (DISEASE-POLICY LIMIT)	
	OTHER THAN UMBRELLA FORM				\$ 1,000 (DISEASE-EACH EMPLOYEE)	
B	WORKER'S COMPENSATION	WC 173 04 94 (All States)***			\$ 5,000 each loss	
	AND	WC 173 03 65 (California Only)	12/01/90	01/01/91	\$ 10,000 total all losses	
	EMPLOYERS' LIABILITY					
B	OTHER Environmental Impairment Liability	PLL 564 92 01	10/17/90	01/01/91		

**** (Applies to locations below) includes sudden and non-sudden pollution.

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
 *** Except Compulsory States of Ohio, West Virginia, Washington, Nevada, North Dakota & Wyoming.
 **** Locations - Grassy Mountain, UT - Tulsa, OK - Kansas City, MO - Tucker, GA - Wichita, KS
 Grayback Mountain, UT - Lone Mountain, OK, - San Antonio, TX - Philadelphia, PA
 (Note: Twinsburg, OH - location - \$1,000,000/\$2,000,000 limit)

CERTIFICATE HOLDER

Alameda County Hazardous Materials
 Division
 80 Swan Way, Room 200
 Oakland, CA 94621
 Attn: Mr. Dennis Byrne

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Frank L. Ellen

IRMC Insurance Services

P.O. Box 740504

Dallas, Texas 75374-0504

Telephone - 24 hours - 214-669-1091

October 15, 1990

To Whom It May Concern:

Re: USPCI, Inc.
U.S. Pollution Control, Inc.
PPM, Inc.
PPM of Georgia, Inc.
PPM - Transcore, Inc.
PPM Canada, Inc.
Hydrocarbon Recyclers, Inc. - Tulsa, Oklahoma
- San Antonio, Texas
- Wichita, Kansas

Please find enclosed a "Certificate of Insurance" for the following coverages:

General Liability
Automobile Liability
Workers' Compensation
Environmental Impairment Liability

This certificate continues coverage from 10/17/90 (for Environmental Impairment Liability) and 12/1/90 (for General Liability, Automobile Liability and Workers' Compensation) to 1/1/91.

New certificates for the 1/1/91 to 1/1/92 policy year will be forthcoming in the near future.



PORT OF OAKLAND

90 JUL 25 AM 10:36

BOARD OF PORT
COMMISSIONERS
CITY OF OAKLAND

RONALD W. BRADY
President

CAROLE WARD ALLEN

Vice President
DOUGLAS J. HIGGINS

Commissioner

JAMES B. LOCKHART

Commissioner

CELSO D. ORTIZ

Commissioner

THOMAS J. SWEENEY

Commissioner

R. ZACHARY WASSERMAN

Commissioner

NOLAN R. GIMPEL

Chief Executive Officer

JAMES J. O'BRIEN

Executive Director,

Transportation Services

EILEEN M. DALY

Executive Director,

Port Planning and

Development

July 19, 1990

Mr. S.J. McLaughlin
Vice President-Engineering Services
Union Pacific Railroad Company
Room 920
1416 Dodge Street
Omaha, Nebraska 68179

Dear Mr. McLaughlin:

**Subject: Underground Storage Tank Removal, Port of Oakland,
California (Union Pacific Railroad Company Auit Number
151192)**

The purpose of this letter is to request information in accordance with the Indemnification Agreement Regarding Removal of Underground Petroleum Storage Tanks (Agreement). The Agreement was made and entered into on February 14, 1990 by and between the City of Oakland acting by and through its Board of Port Commissioners (Port) and Union Pacific Railroad Company (UPRR or Lessee). The Agreement concerns underground storage tank removal by UPRR within the Port Area.

Section 1 of the Agreement provides that the lessee shall remove the Existing Tanks in accordance with that certain Tank Permit Application filed with the Port (Port File No. 3115) dated February 5, 1990. The Tank Permit Application provides that tank removal approval is contingent on the applicant's (UPRR's) acceptance and compliance with Port policies entitled "STEPS FOR TANK CLOSURE" and/or "STEPS FOR TANK INSTALLATION".

Section 12 of the "STEPS FOR TANK CLOSURE" provides that upon receipt of test results (soil and groundwater analyses), the operator/contractor (UPRR) shall notify and immediately submit the results to the Port and the Alameda County Health Care Services Agency.

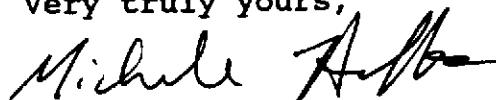
The Port has received no information regarding the above-described underground storage tank removal. Please submit the following documents by August 6, 1990:

Mr. S.J. McLaughlin
July 19, 1990
Page 2

1. Aeration of Contaminated Soil and Removal of Underground Storage Tanks Notification Form to the Bay Area Air Quality Management District (Phone 415-771-6000).
2. All reports prepared by underground storage tank removal contractors and consultants (including all soil and groundwater test results)

If you have any questions or comments, please call me at (415) 272-1178.

Very truly yours,



Michele Heffes
Environmental Department

cc: Mr. Dennis Byrne, Alameda County
Department of Environmental
Health

MH/mh
pc/uprrust/ioII

Mr. S.J. McLaughlin
July 19, 1990
Page 3

bcc: Thomas D. Clark
Neil Werner
Jim McGrath
John Glover
Irene Kan, Baseline
Joyce Washington

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Union Pacific R.R Today's Date 2/22/90
 Site Address 1750 Ferro St EPA ID# _____
 City Oakland Zip 94607 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? **Y N**
 Hazardous Waste generated per month? _____

- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Business Plans, Acute Hazardous Materials
 - III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

- I.A GENERATOR (Title 22)**
- ___ 1. Waste ID * 66471
 - ___ 2. EPA ID 66472
 - ___ 3. > 90 days 66508
 - ___ 4. Label dates 66508
 - ___ 5. Biennial 66493
-
- Manifest**
- ___ 6. Records 66492
 - ___ 7. Correct 66484
 - ___ 8. Copy sent 66492
 - ___ 9. Exception 66484
 - ___ 10. Copies Rec'd 66492
-
- Misc.**
- ___ 11. Treatment 66371
 - ___ 12. On-site Disp. (H.S.&C.) 26189.5
 - ___ 13. Ex Haz. Waste 66570
-
- Prevention**
- ___ 14. Communications 67121
 - ___ 15. Aisle Space 67124
 - ___ 16. Local Authority 67126
 - ___ 17. Maintenance 67120
 - ___ 18. Training 67105
-
- Contingency**
- ___ 19. Prepared 67140
 - ___ 20. Name List 67141
 - ___ 21. Copies 67141
 - ___ 22. Emg. Coord. Trng. 67144
-
- Containers, Tanks**
- ___ 23. Condition 67241
 - ___ 24. Compatibility 67242
 - ___ 25. Maintenance 67243
 - ___ 26. Inspection 67244
 - ___ 27. Buffer Zone 67246
 - ___ 28. Tank Inspection 67259
 - ___ 29. Containment 67245
 - ___ 30. Safe Storage 67261
 - ___ 31. Freeboard 67257

Comments:

Observed removal of 2 UGT's

1) 10,000 gal diesel, fiberglass, two soil samples collected from a depth of 9'

2) 6,000 gal gasoline, fiberglass water under tank so a water sample was collected & two soil samples collected from a depth of

- I.B TRANSPORTER (Title 22)**
- ___ 32. Applic./Insurance 66428
 - ___ 33. Comp. Cert./CHP Insp. 66448
 - ___ 34. Containers 66465
-
- Manifest**
- ___ 35. Vehicles 66465
 - ___ 36. EPA ID #s 66531
 - ___ 37. Correct 66541
 - ___ 38. HW Delivery 66543
 - ___ 39. Records 66544
-
- Cont'rs**
- ___ 40. Name/ Covers 66545
 - ___ 41. Recyclables 66800

Contact: _____
 Title: _____ Inspector: _____
 Signature: _____ Signature: _____

PORT OF OAKLAND



January 31, 1990

Mr. Al Brule
U.S. Pollution Control, Inc.
731-M North Market Boulevard
Sacramento, CA. 95834

Dear Mr. Brule:

SUBJECT: PROPOSED UNDERGROUND STORAGE TANK REMOVALS AT 1750 FERRO, OAKLAND

The purpose of this letter is to acknowledge receipt of your letter dated January 22, 1990 to Mr. Charles Boyd in the Port Planning Division. Your letter references the procedure for the proposed underground storage tank removals at 1750 Ferro, Oakland. Please note, your letter documents conflicting information with your previously approved Alameda County Department of Environmental Health (County) Underground Tank Closure/Modification Plan (Closure Plan).

If U.S. Pollution Control, Inc. intends to follow the changed procedure outlined in your letter of January 22, 1990, the County Closure Plan must be amended and reapproved by the County. Upon receipt of the amended County Closure Plan, please send a copy to Michele Heffes in the Port Environmental Department.

If you have any questions regarding this information, please contact Michele Heffes at 839-2656.

Sincerely,

Joyce Washington
Asset Property Manager

JW/MH/bb

cc: Rick Ditmars, U.S. Pollution Control
~~Rick Ditmars~~, Alameda County Department
of Environmental Health

PC/UST-VP/Ltrs11

66 Jack London Square • P.O. Box 2064 • Oakland, California 94604-2064 • Phone (415)444-3188
Cable Address PORTOFOAK, Oakland - Telex 336-334

8. Contact Person for Investigation

Name Curt Hull Title Senior Geologist/USPCI
Phone (303)938-5569

9. Total No. of Tanks at facility 2

10. Have permit applications for all tanks been submitted to this office? Yes [XX] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name USPCI, Inc. EPA I.D. No. UTD980635890
Address 8960 North Highway 40
City Lakepoint State UT Zip 84074

b) Rinsate Transporter

Name USPCI, Inc. EPA I.D. No. UTD980635890
Address 8960 North Highway 40
City Lakepoint State UT Zip 84074

c) Tank Transporter

under Hazardous waste Manifest
Name USPCI EPA I.D. No. UTD980635890
Union Pacific Railroad EPA I.D. No. NED001792910
Address 1416 Dodge Street 8960 N. Hwy 40
City Omaha Lakepoint UT State NE Zip 84074
68179

d) Tank Disposal Site

Erison's
Name Tanks Away USPCI Inc EPA I.D. No. UTD991301748
Address 9037 Mandel 3 miles east of N 41 off I-80
City Federal Heights Knobs State UT Zip 80221
CO

e) Contaminated Soil Transporter

Name USPCI, Inc. EPA I.D. No. UTD980635890
Address 8960 North Highway 40
City Lakepoint State UT Zip 84074

12. Sample Collector

Name Al Brule
 Company USPCI, Inc.
 Address 751-M North Market Blvd.
 City Sacramento State CA Zip 95834 Phone (916)921-2202

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
10,000 gal	Diesel	Soil	One sample at each end of excavation within top 2 feet of native soil.
6,300 gal	Unleaded gasoline	Soil	One sample at each end of excavation within top 2 feet of native soil.

14. Have tanks or pipes leaked in the past? Yes No

If yes, describe. A lube oil pipeline in the vicinity of the tanks
has leaked in the past. There is no evidence that the tanks or associated
piping has leaked.

15. NFPA methods used for rendering tank inert? Yes No

If yes, describe. Tanks will be purged by adding 3 lbs dry ice per
100 gal of tank volume.

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Chem West Analytical Laboratories, Inc.
 Address 600 West North Market Blvd.
 City Sacramento State CA Zip 95834
 State Certification No. 185

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
BTX&E	8020	8020/5030
TPH-gasoline	DHS/LUFT Manual	5030 (purge and trap)
TPH-extractable	DHS/LUFT Manual	GC-FID (LUFT Manual)

18. Submit Site Safety Plan

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No Sent under separate cover.

Name of Insurer IRMC

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No Sent under separate cover.

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) Ted Borer
Signature *Ted C. Borer*
Date 12-1-89

Signature of Site Owner or Operator

Name (please type) Alan Jensen
Signature *Alan Jensen*
Date 12-11-89

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.



USPCI, INC.

Remedial Services

December 1, 1989

Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Re: Union Pacific Railroad UST Removal
1750 Ferro St.
Oakland, CA 94607

Enclosed please find three (3) copies of an application for permit to remove two (2) USTs at the above referenced location. Included are the closure plans, Health and Safety Plans, and site maps. Workmen's Compensation Certificates and the Deposit have been sent under separate cover.

If you have any questions, please do not hesitate to call. We would like to commence tank removal as soon as possible.

Sincerely,

Richard C. Ditmars
Geophysicist
Environmental Assessments

Enclosures

cc: Alan Jensen, UPRR
Al Brule, USPCI
John Yellich, USPCI

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

12/1/89

PRODUCER
IRMC Insurance Services
 P. O. Box 740504
 Dallas, Texas 75374-0504

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

89 NOV 21 PM 12

COMPANIES AFFORDING COVERAGE

CODE SUB-CODE

COMPANY LETTER **A**

Insurance Company of the State of Pennsylvania

COMPANY LETTER **B**

National Union Fire Ins. Co. of Pittsburgh, Pennsylvania

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

INSURED
USPCI, Inc.
 One Commerce Green, Suite 500
 515 West Greens Road
 Houston, Texas 77067

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS
	GENERAL LIABILITY *				GENERAL AGGREGATE \$ 5,000
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE \$ 5,000
	<input checked="" type="checkbox"/> CLAIMS MADE OCCUR.	HGL 801 95 89	12/1/89	12/1/90	PERSONAL & ADVERTISING INJURY \$ 5,000
	OWNER'S & CONTRACTOR'S PROT.				EACH OCCURRENCE \$ 5,000
	* Subject to \$500,000 Self-Insured Retention				FIRE DAMAGE (Any one fire) \$ 50
	AUTOMOBILE LIABILITY **				MEDICAL EXPENSE (Any one person) \$ 5
B	<input checked="" type="checkbox"/> ANY AUTO	HBA 802 04 43	12/1/89	12/1/90	COMBINED SINGLE LIMIT \$ 5,000
	ALL OWNED AUTOS				BODILY INJURY (Per person) \$
	SCHEDULED AUTOS				BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS				PROPERTY DAMAGE \$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS				
	GARAGE LIABILITY				
	** Subject to \$100,000 Self-Insured Retention				EACH OCCURRENCE \$
	EXCESS LIABILITY				AGGREGATE \$
	OTHER THAN UMBRELLA FORM				
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WC 524 88 08 (All States)***	12/1/89	12/1/90	STATUTORY \$ 1,000 (EACH ACCIDENT)
		WC 524 88 22 (California Only)			\$ 1,000 (DISEASE—POLICY LIMIT)
	OTHER				\$ 1,000 (DISEASE—EACH EMPLOYEE)

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

*** Except Compulsory States of Ohio, West Virginia, Washington, Nevada, North Dakota and Wyoming.

CERTIFICATE HOLDER

Alameda County Healthcare Services
 Hazardous Materials Division
 80 Swan Way, Room 200
 Oakland, CA 94621

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Frank L. Ellen



USPCI, INC.
Remedial Services

89 NOV 34 PM 12:44

November 17, 1989

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

Re: Underground Storage Tank Removal
Union Pacific Railroad
1750 Ferro St.
Oakland, CA 94607

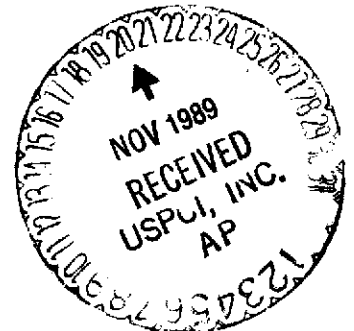
Enclosed please find a check for \$498.00 for the permit to remove two underground storage tanks at the above address. The closure plan is being sent under separate cover. If you have any questions, please do not hesitate to call.

Sincerely,

Richard C. Ditmars
Geophysicist
Environmental Assessments

Enclosure

cc: Al Brule, USPCI
John Yellich, USPCI
Alan Jensen, UPRR



5665 Flatiron Parkway
Boulder, Colorado 80301
(303) 938-5500
FAX (303) 938-5520

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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, Chief
Hazardous Materials Division

RAS:tfp

cc: Lester Feldman, RWQCB

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 470 - 27TH ST., RM. 322
 OAKLAND, CA 94612
 PHONE NO. 415/874-7237

Project # 4585-681
 Fee Paid \$450.00
 Date 5/23/88

Hydraulic Lifts
 Tank Installation & Removal
 Tank Monitoring Systems
 Petroleum Equipment
 Precision Tank Testing
 Environmental Services

SEMCO

JAMES C. BATEMAN PETROLEUM SERVICES, INC.
 431 W. Hatch Rd. Modesto, Calif. 95351
 General & Engineering Contractors
 (800) 533-9293

Terry Hamilton License No. 449864 Bus. (209) 524-9653
 President A, B, & C-61 Res. (209) 577-3653

S/23/88
Schmitt

THIS IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE/ MODIFICATION PLANS

- Business Name Union Pacific Railroad
 Business Owner Union Pacific Railroad
- Site Address 1750 FERRO ST.
 city Oakland zip 94607 Phone 874-1187
- Mailing Address 1750 FERRO ST
 city OAKLAND CA 94607 zip 94607 Phone 874-1187
- Land Owner Union Pacific Railroad
 Address 1750 FERRO ST. city, state OAKLAND CA zip 94607
- EPA I.D. No. CA0 981385438
- Contractor Semco
 Address 431 W. HATCH RD.
 city Modesto, CA Phone 209-5
 License Type AS C61 ID# 449864
- Other (Specify) Hunter Environmental
 Address 597 Center Ave
 city Martinez 94553 Phone (415) 372-

Submitter's name to be provided

8. Contact Person for Investigation

Name Norm Nelson Title Hunter Environmental Field Supervisor

Phone 415-372-3637

9. Total No. of Tanks at facility 4 to be done

10. Have permit applications for all tanks been submitted to this office? Yes [] No [X]

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Transporter

Name Allied Petroleum EPA I.D. No. CA098065675128

Address PO Box 193

City Hillmer State CA Zip 95324

b) Rinsate Transporter

Name Allied Petroleum EPA I.D. No. CA098065675128

Address PO Box 193

City Hillmer State CA Zip 95324

c) Tank Transporter

Tanks to be triple rinsed. No need to MSD.

Name Senco EPA I.D. No. On site Triple Rinse

Address 431 W. Hatch RD

City Modesto State CA Zip 95351

d) Contaminated Soil Transporter

Name Union Pacific Railroad EPA I.D. No. CA15187

Address 1750 Ferro St (CA15187)

City Oakland State CA Zip 94607

Hauled by U.S.P.C.T. Clive Utah 402-271-4078

12. Sample Collector

Name Norm Nelson

Company Hunter Environmental

Address 1597 Center Ave

City Martinez State CA Zip 94553 Phone (415) 372-3637

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
500 gal 1,000 gal Piping	Waste Oil Waste Oil	Soil water if applicable	Minimum 2 samples to be taken from each end of tank 20' intervals on joints
maintenance shop			

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

If yes, describe. Tank that leaked has already
been closed and removed

15. NFPA methods used for rendering tank inert? Yes [X] No []

If yes, describe. Triple Rinse per gallon Dry Ice
2 pounds per ¹⁰⁰ gal capacity

16. Laboratories

Name Superior Analytical
Address 1385 Fairfax St. Ste 10
City SAN FRANCISCO State CA Zip 94124
State Certification No. ~~220~~ 220

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
waste oil	① 8015; ② modified TPH (high boiler) 418.1 ch. 6 Grease SV 846 method 9070 or 9011 ③ TOEG → ④ UOC →	3556 / 5056 8240

18. Site Safety Plan submitted? Yes [] No

19. Workman's Compensation: Yes No [] on file

Copy of Certificate enclosed? Yes [] No []

Name of Insurer Fairmont Insurance Company (R8C558)
 TO BE Submitted (10-31-89)

20. Plot Plan submitted? Yes No [] TO BE enclosed in final report

21. Deposit enclosed? Yes No []

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) Chuck Kiper Vice President

Signature C. A. Kiper

Date 5/23/88

Signature of Site Owner or Operator

Name (please type) H. P. PATTERSON Mgr Environmental Engineering
UNION PACIFIC RR

Signature H. P. Patterson

Date 5/23/88 (402) 271-4078

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

5. Triple rinse means that:

- a) final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1) Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
- b) tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
- c) tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

6. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A
SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

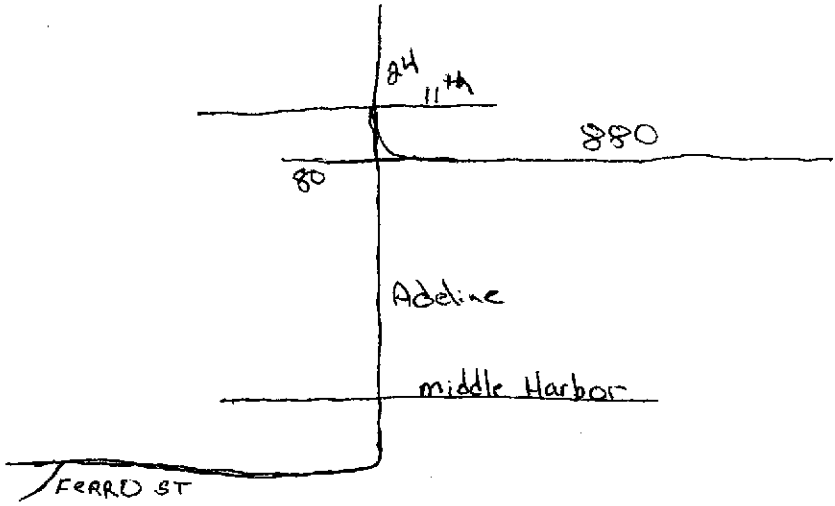
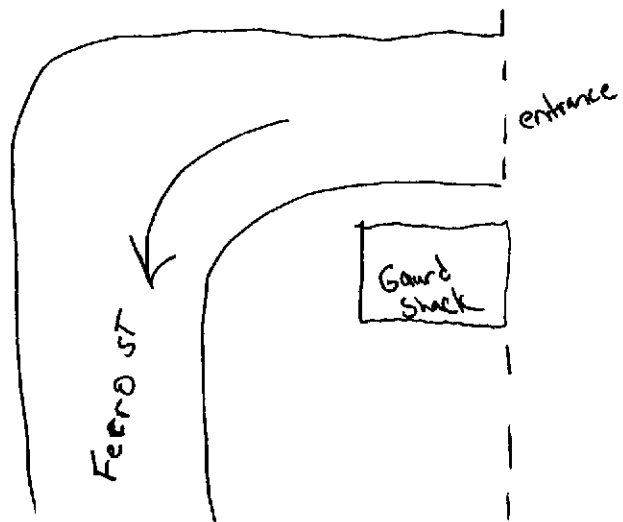
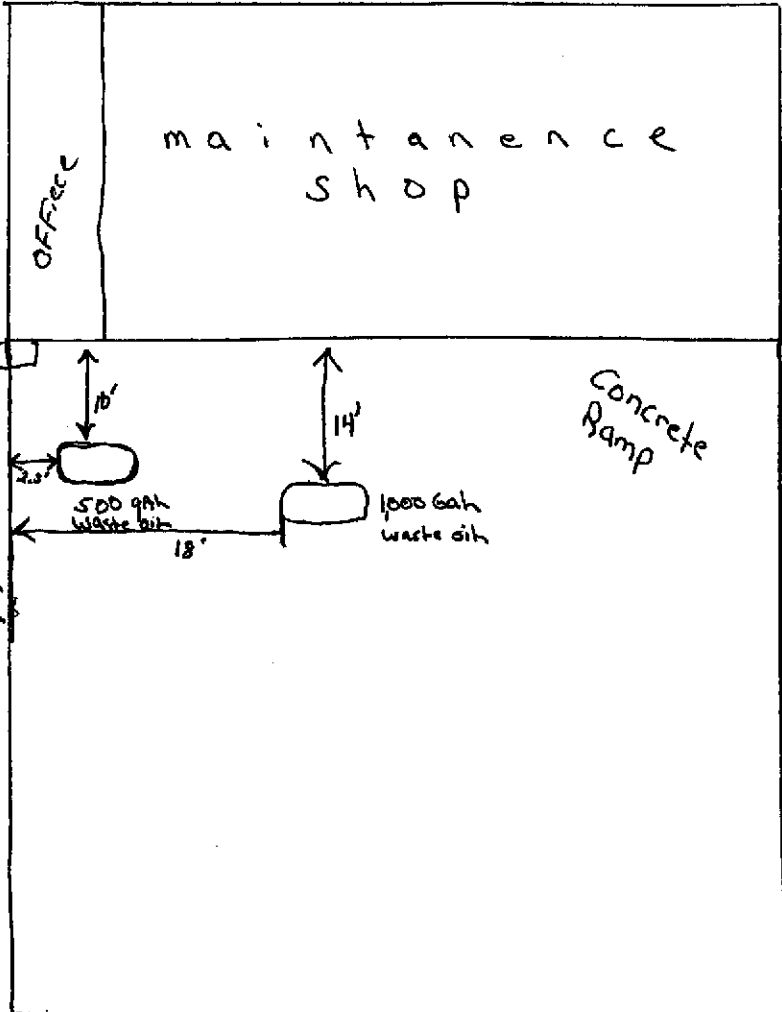
19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

The plan should consists 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 Line
- d) Location of all Structures
- e) Location of all relevant existing equipment including tanks and piping to be removed
- f) Streets
- g) Underground conduits, sewers, water lines, utilities
- h) Existing wells (drinking, monitoring, etc.)
- i) Depth to ground water
- j) All existing tanks in addition to the ones being pulled

Union Pacific Rail Road
1750 Ferro ST.
Oakland, CA 94607
(415) 874-1187



HEALTH & SAFETY PLAN

HEALTH MONITORING AND SAFETY PROGRAM

To assure the health and safety of employees involved in hazardous waste operations, Gregg & Associates, Inc. has developed and implemented a Health and Safety Program. This program is administered by a committee consisting of representatives of Gregg & Associates, Inc.'s technical staff with support from medical advisors. No personnel will be allowed on site until enrolled in the Health Monitoring Program and trained as appropriate for their assigned function.

This plan is based on Standard Operating Safety Guides (USEPA) and The Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH/OSHA/USGC/EPA).

Gregg & Associates employees must receive health and safety training prior to commencing work at sites where hazardous materials may be present and will be provided with periodic follow-up training as appropriate. Health and Safety training will include:

- o Health Monitoring Program
- o Review of General Chemical & Mechanical Dangers
- o Emergency Response
- o Decontamination
- o Documentation and Record Keeping
- o Updating of Health and Safety Plan
- o Reference Guides for Hazardous Materials

When appropriate, a site-specific safety plan will be implemented and will include the following:

- o site history;
- o inventory of known chemicals (updated as possible);
- o project organization;
- o work plan review;
- o project documentation;

- o review of site safety rules (site safety rules will be updated as new information is available or after an accident or implementation of contingency plan;
- o review of decontamination procedures;
- o proper use and care of personal protective equipment;
- o proper calibration and use of monitoring equipment; and
- o emergency response procedures.

A site-specific plan is presented in Appendix A. The plan is intended to provide a framework within which information may be added regarding site specific health and safety concerns.

1.0 HEALTH MONITORING PROGRAM

All drilling personnel and field staff must be enrolled in the Gregg & Associates, Inc. Health Monitoring Program, developed in conjunction with Industrial Medical Clinics of Anaheim, CA. This program consists of an initial medical examination to establish the employee's general health profile and provides important baseline laboratory data for comparative study. The scope of the initial comprehensive physical examination and laboratory testing routine is detailed in Table 1-0. Follow-up examinations are completed for all personnel enrolled in the health monitoring program on a semi annual basis, or more frequently if project assignments warrant testing following specific field activities. The level of potential exposure that Gregg & Associates personnel are subjected to in carrying out hazardous waste work assignments are recorded by the individual and reviewed weekly by the site supervisor. A copy of the Personal Hazardous Waste Exposure record is included in Appendix B. The California Poison Control Center maintains a comprehensive reference library containing the current information concerning the carcinogenic, mutagenic, teratogenic and toxic characteristics of hazardous wastes.

1.1 REVIEW OF EXPOSURE SYMPTOMS

Symptoms of exposure to hazardous materials for each site will be reviewed in order to indicate to personnel the recognized signs of possible exposure to those materials. This information will be supplemented with a discussion of the need for objecting in the personal health assessment to account for normal reaction to stressful situations. The Site Safety Officer (the lead driller) will be watchful for outward evidence of changes in worker health. These outward symptoms may include skin irritations, skin discoloration, eye irritability, reduced libido, intolerance to heat or cold, or loss of appetite. Employees will routinely be asked to assess their general state of health during individual projects. At the end of each week employees will briefly describe minor injuries and chemical experience (exposure potential at each job site). This description will be turned in with time records, reviewed by the corporate safety officer and filed in the employees medical file.

TABLE 1-0

HEALTH MONITORING PROGRAM INITIAL EXAMINATION

Physical Examination

- o medical history survey
- o medical examination
- o vision: near and distance vision, color vision
- o hearing: audiometry
- o radiologic: PA:LAT
- o electrocardiogram: 12 lead
- o spirometry

Lab Studies

- o hematology
 - red blood count
 - white blood count
 - hemoglobin
 - hematocrit
 - platelet
 - indices
 - sedimentation rate

- o blood chemistry
 - SMA 17
 - electrolytes
 - creatinine
 - SGPT
 - carbon dioxide
 - cholesterol
 - serum iron
 - urinalysis
 - Papanicolaou (PAP) test (females)
 - cholinesterase level
 - thyroid function test T3/T4

2.0 REVIEW OF GENERAL CHEMICAL & MECHANICAL DANGER

A set of standard onsite safety practices will be enforced during site activities to reduce the risks associated with handling contaminated materials and dangers inherent with working near heavy machinery. These safety practices are divided into three categories: personal precautions, rig safety, and general procedures and operations.

2.1 PERSONAL PRECAUTIONS

- 2.1.1 Any practice which increases the probability of hand-to-mouth transfer and ingestion of contaminated material will be prohibited in any area designated contaminated. Prohibited activities include eating, drinking, chewing gum or tobacco, and smoking.
- 2.1.2 Hands and face will be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- 2.1.3 Any excess facial hair which interferes with proper fit of the mask-to-face seal will be prohibited on personnel required to wear respirator protection. (While respirators are not typically required, work will be prepared to upgrade to Level "C" protection requiring the use of respirators).
- 2.1.4 Unnecessary contact with contaminated or suspected contaminated surfaces will be avoided. Workers will be instructed to avoid walking through puddles, mud, or other discolored surfaces; kneeling on the ground; and leaning, sitting, or placing equipment on drums, containers, vehicles or the ground.

- 2.1.5 Medicine and alcohol can increase adverse effects from exposure to toxic chemicals. Therefore, prescribed medication will not be taken by personnel during field activities. Also, alcoholic beverage intake will not be tolerated immediately before or during field work.
- 2.1.6 The effects of heat stress in all personnel will be monitored by the Health and Safety Officer. Appropriate measures will be taken to remove any potential victim of heat stress from the work area, provide cooling to the body and provide plenty of liquids to replace body fluids.

2.2 RIG SAFETY

Gregg & Associates, Inc. has incorporated the National Drilling Federation's (NDF/DCDMA/NDCA) "Drilling Safety Guide" as our mechanical hazards and rig safety guide. This booklet (Appendix C) is required reading for all field personnel. In addition to this guide, Appendix D also describes the "Mobile Life Line" which must be installed on every auger rig and be tested daily to insure proper operation.

2.3 GENERAL PROCEDURES & OPERATIONS

- 2.3.1 Entrance and exit to the site will be planned and emergency escape routes will be determined. Before drilling begins a working phone will be located and the most expeditious route to a hospital established. Site Specific Hazards will be discussed and the clients safety requirements will be adopted in addition to Gregg & Associates, Inc.'s policies. Personnel will practice any unfamiliar procedures prior to performing them in the field. The number of personnel and pieces of equipment in the work area will be minimized to the extent that it compromises the effectiveness of site operations. Procedures for leaving a contaminated work area will be established prior to going onsite. Work areas and decontamination procedures will be established based on site conditions.

2.3.2 Levels of Protection

The level of personnel protective equipment required shall be determined by the type and levels of waste or spill material present at the site where project personnel may be exposed. In situations where the types of waste or spill material on-site are unknown or the hazards are not clearly established or the situation changes during onsite activities, the Site Safety Officer must make a reasonable determination of the level of protection that will assure the safety of drilling personnel until the potential hazards have been determined precisely through monitoring, sampling, informational assessment, or other reliable methods. Once the hazards have been determined, protective levels commensurate with the hazards shall be employed. Protection levels will be continuously evaluated to reflect any new information acquired.

The levels of protection utilized by Gregg & Associates, Inc. are presented below:

Level A - Level A protection must be selected when the Site Safety Officer makes a reasonable determination that the highest available level of both respiratory and skin and eye contact protection is needed. It should be noted that while Level A provides maximum available protection, it does not protect against all possible hazards. Consideration of the heat stress that can arise from wearing Level A protection should also enter into the subtask leaders decision. (Comfort is not a decision factor, but heat stress will influence work rate, scheduling, and other work practices.)

Level B - The Site Safety Officer must select Level B protection when the highest level of respiratory protection is needed, but hazardous material exposure to the few unprotected areas of the body (i.e., the back of the neck) is unlikely.

Level C - The Site Safety Officer may select Level C when the required level of respiratory protection is known, or reasonably assumed to be, not greater than the level of protection afforded by full face air purifying respirators; and hazardous materials exposure to the few unprotected areas of the body (i.e., the back of the neck) is unlikely. Level C requires carrying an emergency escape respirator. (A half mask respirator is acceptable when airborne contaminate level are lower than TWA action levels.)

Level D - Level D is the basic work uniform. Investigators and response personnel must not be permitted to work in civilian clothes. An emergency escape respirator may be required.

Respiratory protection criteria and suitable protection gear are summarized in Table 2-1. Fit testing of safety equipment will be an important part of establishing adequate respiratory and dermal protection. Fit testing will be accomplished prior to site explorations and each individual will be assigned a fitted respirator for the duration of the project. These will be tagged for identification.

It should be recognized that most situations require a different combination of respiratory and dermal protective gear, e.g., where no splash protection is required but a high respiratory hazard is present. The Site Safety Officer may elect a modification of the above.

TABLE 2-1
 PROTECTIVE GEAR
 (AIR QUALITY LEVELS IN PPM)

	Level D	Level C	Level B	Level A
Air Quality (Above Background)	0	0 to 5	5-500	500-1000
Respirator Type*	Escape	Full Face + Escape	SCBA	SCBA
Clothing				
o Boots	X	X	X	X
o Safety glasses or equivalent	X	X	X	
o Hard hat	X	X	X	
o Gloves, inner and outer	X	X	X	
o Booties		X	X	X
o Coveralls	X	X	X	X
o Chemical protective coveralls		X	X	
o Totally encapsulated suit				X

* Use of a respirator is allowed only where identification or organic vapor constituents has occurred and appropriate respirator cartridges have been obtained.

3.0 EMERGENCY RESPONSE

3.1 ON-SITE FIRST AID

All Gregg & Associates, Inc.'s Drill Rigs will be equipped with the following items at all times:

- an industrial first-aid kit
- 2 ELSA 10 minute supplied Air Escape Mask
- 3 Half Mask respirators
- 3 Full Face respirators
- 10 pair Cartridges TC-21C-287 (organic vapors)
- 10 pair Cartridges TC-23C-450 (organic vapors, acid gases)
- 3 hard hats
- 5 safety glasses
- 1 box ear protection
- 30 pair disposable gloves
- 10 pair butyl rubber gloves
- 10 chem resist coveralls (coated Tyvek)
- 3 pair rubber boots with steel toes
- 2 fire extinguishers (CO 2)
- 1 eye wash station (portable)

3.1.1 At least one person qualified to perform first aid will be present onsite at all times during work activity. This person will have earned a certificate in first-aid training from the American Red Cross or will have received equivalent training.

3.1.2 Transportation To Emergency Treatment

A vehicle will be available at all times for use in transporting personnel to the hospital. Hospital routes shall be discussed prior to onsite activity.

3.1.3 Contingency Planning

Prior to commencement of onsite activities, field personnel will review safety considerations with the Site Safety Officer. The Site Safety Officer is responsible for adherence to the designated safety precautions and assumes the role of Gregg & Associates, Inc.'s on-site coordinator with the client in an emergency response situation.

3.2 POTENTIAL HAZARDS

The potential hazards associated with hazardous waste site investigation include 1) accidents; 2) contact, inhalation or ingestion of hazardous materials; 3) explosion; and 4) fire.

3.2.1 Accidents

Accidents must be handled on a case by case basis. Minor cuts, bruises, muscle pulls, etc., will still allow the injured person to undergo reasonable normal decontamination procedures prior to receiving direct first aid. More serious injuries may not permit complete decontamination procedures to be undertaken, particularly if the nature of the injury is such that the victim should not be moved. The nature and degree of surface contamination at a site is generally low enough that emergency vehicles could reach the victim on-site without undue hazard. However, in the event that access on-site is limited, accident victims may be transported by GREGG personnel trained for this response.

3.2.2 Contact and/or Ingestion of Hazardous Materials

Properly prescribed and maintained protective clothing and adherence to established safety procedures are designed to minimize these hazards. However, it is still a possibility that contact or ingestion of materials may occur. One possibility for contamination is the puncture of a buried drum of liquid during drilling operations which might cause the random distribution of the drum contents. Standard first aid procedures should be followed. The drilling rig will have a tank of water which may be useful in some circumstances, particularly to flush off any exposed skin areas. Eye wash bottles will also be maintained at the site in case of emergencies. In cases of ingestion or other than minor contact with known

substances, the Poison Control Center and local hospital should be contacted and the victim brought there immediately for further treatment and observation.

3.2.3 Explosion

The drilling crew should be keenly aware of combustible gas meter readings and withdraw at an indication of imminently hazardous conditions. The detection of such conditions shall be reported to local agencies for potential execution of the evacuation plan should the situation be assessed as warranting such response.

3.2.4 Fire

The combustible gas meter will also warn of imminent fire hazards at borings. The greatest fire hazard at the site should be recognized as handling the methanol used for decontamination. No smoking or open flames are allowed in this area. Carbon dioxide fire extinguishers will be kept at the drilling rig, and the decontamination area/field office. The Fire Department, previously informed of site activities, will be called as needed.

3.3 EVACUATION RESPONSE LEVELS

Evacuation responses will occur at three levels: (1) withdraw from immediate work area (100+ feet upwind); (2) site evacuation; (3) evacuation of surrounding area. Anticipated conditions which might require these responses are described below:

Withdrawal Up-Wind (100 or more feet)

- o Sensing ambient air conditions as containing greater contaminant concentrations than guidelines allow for the type of respiratory protection being worn. The work party may return upon donning greater respiratory protection and/or assessing the situation as transient or past.
- o Breach in protective clothing or minor accident. The party may return when tear or other malfunction is repaired and first aid or decontamination has been administered.

3.5.1 Site Evacuation

Upon determination of conditions warranting site evacuation, the work party will proceed upwind of the borehole and notify the security force, Site Safety Officer and the field office of site conditions. If the decontamination area is upwind and greater than 500 feet from the borehole, the crew will pass quickly through decontamination to remove contaminated outer suits. If the hazard is toxic gas, respirators will be retained. The crew will proceed to the field office to assess the situation. There the respirators may be removed (if the PI meter indicates an acceptable condition). As more facts are determined from the field crew, these will be relayed to the appropriate agencies.

3.5.2 Evacuation of Surrounding Area

When the Site Manager determines that conditions warrant evacuation of downwind residences and commercial operations, the local agencies will be notified and assistance requested. Designated onsite personnel will initiate evacuation of the immediate off-site area without delay.

3.6 TRAINING

The attached matrix (Figure 3-1) indicated training received by on-site personnel. All personnel should become familiar with this matrix to minimize response times.

4.0 DECONTAMINATION

4.1 PERSONNEL DECONTAMINATION PROCEDURE

A decontamination procedure will be carried out by all personnel leaving hazardous waste sites. Under no circumstances (except emergency evacuation) will personnel be allowed to leave the site prior to decontamination. Procedures for removal of protective clothing are as follows:

- o Drop tools, monitors, samples and trash at designated drop stations. These will be plastic containers or drop sheets.

- o Step into designated shuffle pit area and scuff feet to remove gross amounts of dirt from outer boots. If necessary, wash boots down with clear water in designated wash pit area.
- o Remove tape from boots and remove boots. Discard in drum container.
- o Remove outer gloves and place in container.
- o Remove hard hat and respirator and hang in the designated area.
- o Remove coveralls and discard in container.
- o Remove inner gloves and discard in container.
- o If the site required utilization of a decontamination trailer, all personnel would also shower before leaving the site at the end of the work day.

Note: Disposable items (coverall, inner gloves, and overboots) will be changed on a daily basis unless there is reason for changing sooner. Dual respirator canisters will be changed twice weekly unless more frequent changes are deemed appropriate by site surveillance data or personnel assessment.

A water hose and/or designated wash area will be available for wash down and cleaning purposes.

A schematic of a typical decontamination area is shown in Figure 4-1.

4.2 EQUIPMENT DECONTAMINATION

Equipment to be decontaminated during the project may include: (1) drilling rig and tools; (2) sample containers; (3) monitoring equipment; and (4) respirators.

All decontamination will be done by personnel in protective gear appropriate for the level of decontamination, determined by the Site Safety Officer. The decontamination work tasks will be split or rotated among support and work crews. Decontamination procedures within the trailer (if used) should take place only after other personnel have cleared the "hot area", moved to the clean area and the door between the two areas closed.

Miscellaneous tools and samplers will be dropped into a plastic pail, tub or other container. They will be brushed off and rinsed (outside, if possible) and transferred into a second pail to be carried to further decontamination stations. They will be washed with a trisodium phosphate or detergent solution, rinsed with acetone or methanol, rinsed with a trisodium phosphate or detergent solution and finally rinsed with clean water.

4.2.1 Drilling Rig and Tools

It is possible that the drill rigs will be contaminated during test pit/borehole activities. They will be cleaned with high pressure water or portable high pressure steam followed by soap and water wash and rinse. Loose material will be removed by brush. The person performing this activity will usually be at Level C protection.

4.2.2 Sample Containers

Exterior surfaces of sample bottles will be decontaminated prior to packing for transportation to the analytical laboratory. Sample containers will be wiped clean and placed in individual Zip-Loc bags at the sample site. It will be difficult to keep the sample containers completely clean. The samples will be taken to the decontamination area. Here they will be further cleaned if necessary and transferred to a clean carrier and the sample identifies noted and checked off against the chain-of-custody record. The samples, now in a clean carrier, will be stored in a secure area prior to shipment.

4.2.3 Monitoring Equipment

Monitoring equipment will be protected as much as possible from contamination by draping, masking or otherwise covering as much of the instruments as possible with plastic without hindering the operation of the unit. The HNU meter, for example, can be placed in a clear plastic bag which allows reading of the scale and operation of the knobs. The HNU sensor can be partially wrapped, keeping the sensor tip and discharge port clear.

The contaminated equipment will be taken from the drop area and the protective coverings removed and disposed of in the appropriate containers. Any dirt or obvious contamination will be brushed or wiped with a disposable paper wipe and the used wipers discarded. The units will then be taken inside in a clean plastic tub, wiped off with damp disposable wipes and dried. The units will be checked, standardized and recharged as necessary for the next day's operation. They will then be covered with new protective coverings.

4.2.4 Respirators

Respirators will be decontaminated daily. Taken from the drop area, the masks will be disassembled, the cartridges set aside and the rest placed in a cleansing solution. (Parts will be precoded, e.g., #1 on all parts of mask #1). After an appropriate time within the solution, the parts will be removed and rinsed off with tap water. The old cartridges will be marked to indicate length of usage and will be discarded into the contaminated trash container for disposal when considered spent. In the morning the masks will be re-assembled and new cartridges installed if appropriate. Personnel will inspect their own masks to be sure of proper readjustment of straps for proper fit.

5.0 DOCUMENTATION AND RECORD KEEPING

Samples of field activity documentation forms are attached. Minimum documentation consists of:

- o daily field record kept by individuals
- o hazardous site surveillance record kept by Site Safety Officer
- o chain-of-custody records and lab results of samples collected under Level "A" conditions
- o personal hazardous material exposure record

The Site Safety Officer is also responsible for immediate notification of Gregg & Associates, Inc.'s Health and Safety Coordinator in the event of personal injury.

6.0 UPDATING OF HEALTH AND SAFETY PLAN

Each individual involved in field operations for Gregg & Associates, Inc. is responsible for maintaining weekly safety sheets. If any deficiency is encountered in the Health and Safety Plan, a report will be prepared and forwarded to the Health and Safety Coordinator. The Site Safety Officer will immediately initiate necessary changes to improve protection of field staff. In the event at Level "A" or "B" conditions, the client in charge of lab analysis will be asked to fully inform GREGG as to the species and quantity of chemicals found in the soil.

This information will be compared to the safety level initiated in the collection of that sample, to evaluate the field selections. Any modifications of the Health and Safety Plan warranted by these reviews will be initiated.

File: safety

HUNTER ENVIRONMENTAL SERVICES, INC.
597 Center Avenue, Suite 350
Martinez, CA 94553

January 13, 1989

Mr. Thomas Peacock
Sr. Hazardous Materials Specialist
Alameda County Health Services
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621
(415) 271-4320

RE: Union Pacific Motor Freight, 1750 Ferro St., Oakland

Dear Mr. Peacock:

I am writing in reference to the December 29, 1988 letter from Rafat Shadid concerning the underground tanks and recovery well at Union Pacific Motor Freight, 1750 Ferro Street, Oakland, California 94607. Mr. Shadid's letter was in response to my June 1988 Draft Underground Tank Closure Report. As requested in the letter I will provide an update on the project. However, I would like to preface my response with a little history about the site.

In November, 1987, four tanks were tested. Three tanks tested tight. The test indicated that product lines from the 3,000 gallon engine oil tank were not tight. In December, 1987 the tank was removed. Soil containing oil from the leaking line was removed and subsequently transported from the site. At the bottom of the excavation it was discovered that a dark oil was seeping into the excavation. About 350 gallons of oil and water were removed from the excavation. It was apparent that the oil entering the pit had not come from the tank that had been removed. After an analysis of the oil in the excavation and discussion with Storm Goranson of your office, it decided that a recovery well should be installed to provide for a method of removing free oil from the ground water surface.

On May 23, 1988 an 18-inch diameter recovery well was installed in the tank excavation. At the same time a 500 and 1000-gallon waste oil tanks were removed. This work was stopped when an inspector from your department notified us and Union Pacific Railroad that it would be necessary to construct a controlled work area for the large container transport unit and that the storm water from the driveway and fueling pads would have to be collected and treated in an oil water separator. This summarizes the work up to the date of the draft closure report. The report has not been finalized since the work has not been finalized.

Mr. Thomas Peacock
January 13, 1989
Page 2

Union Pacific Railroad decided that the most environmentally safe approach for the site would be to remove all of the underground tanks and build a new equipment washing and fueling facility. A copy of the initial facility layout is enclosed. The design work and construction specifications for this project is being handled at Union Pacific Headquarters in Omaha, Nebraska. The project has been discussed with sanitary district since the discharge from the oil-water separator will continue to be handled by the sanitary district. The use of 1,000 gallon ConVault tank for the gasoline and a large steel tank for the diesel has been discussed with the fire department. I have also contacted Lisa McCann of the Regional Water Quality Control Board and Craig Mayfield of the Alameda County Flood Control and Water Conservation District. The final plans for the project should be ready in the near future to submit to each of the affected agencies.

We have not developed the recovery well or tank additional samples since the initial samples were collect prior to the installation of the recovery well in the tank excavation. Because of the location of the well, the chemical analysis given in the draft report should be representative of the expected well conditions. At the present time there is not an operating oil recovery system on the site. As soon as the system is installed and the pump is installed in the recovery well, samples will be collected and analyzed. We are asking you to accept the previously collected water and oil samples for the initial well conditions.

Thank you for issuing the tank operating permit on September 30, 1988. At this time there are only two tanks remaining at the site and these are scheduled for removal during 1989. Please let us know if you require any further information for the tank operating permit renewals due March 30, 1989.

I am looking forward to working with you through the completion of this project. Please call me if you have any questions.

Very truly yours,



Stanley L. Klemetson, Ph.D., P.E.
Chief Engineer

cc: Harry Patterson, Union Pacific Railroad
James Noble, Union Pacific Motor Freight
Lisa McCann, RWQCB

HUNTER ENVIRONMENTAL SERVICES, INC.
597 Center Avenue, Suite 350
Martinez, CA 94553

LHM

CALIFORNIA REGIONAL WATER

JAN 23 1989

QUALITY CONTROL BOARD

January 13, 1989

Mr. Thomas Peacock
Sr. Hazardous Materials Specialist
Alameda County Health Services
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621
(415) 271-4320

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Very truly yours,



Stanley L. Klemetson, Ph.D., P.E.
Chief Engineer

cc: Harry Patterson, Union Pacific Railroad
James Noble, Union Pacific Motor Freight
Lisa McCann, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
~~CAROLYN LESTER~~, Agency Director



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

AGENCY HEADQUARTERS
~~190 Fifth Street~~
~~Oakland, California 94607~~
(415) 271-4320

December 29, 1988

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 ammended 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

From The desk of:

Mary-Kay Burgess

RECEIVED
JUL 6 1988

HAZARDOUS MATERIALS/
WASTE PROGRAM

Storn -

I have enclosed the information you required for the Union Pacific job. If it is not enough please let me know.

We submitted all information pertaining to this job to Hunter Environmental and was under the impression that it would be given to you. Sorry for the miscommunication.

Mary-Kay
Executive Administration

ENVIRONMENTAL TECHNOLOGY

Please print or type. (Form designed for use on elite 12-pitch typewriter).

415 2361380

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CA1010101537419		Manifest Document No. 010101	2. Page 1 of 1		Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address UNION PACIFIC 1750 FERRIS ST OAKLAND, CA 94607				A. State Manifest Document Number 87828783		B. State Generator's ID					
4. Generator's Phone 415 974-1197				C. State Transporter's ID 801272		D. Transporter's Phone 415 235 1393					
5. Transporter 1 Company Name ERICKSON INC.		6. US EPA ID Number CA1010101537419		E. State Transporter's ID		F. Transporter's Phone					
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID		H. Facility's Phone					
9. Designated Facility Name and Site Address ERICKSON INC 255 PARR BLVD RICHMOND, CA 94801				10. US EPA ID Number		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. USED UNDERGROUND STORAGE TANKS b. CONTAINING REGULATED HAZARDOUS LIQUID c. d.				12. Containers		13. Total Quantity		14. Unit Wt/Vol			
				No.		Type				1. Waste No.	
				01		CY		014179		P	
										State 221	
										EPA/Other NONE	
J. Additional Descriptions for Materials Listed Above EMPTY BULK OIL TANK #1 ICED W/ 75 LBS DRY ICE				K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year 11/21/78					
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year 11/21/78					
19. Discrepancy Indication Space IF											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name				Signature		Month Day Year					

certificate of disposal

GREGG & ASSOCIATES, INC.
597 CENTER AVENUE, SUITE 350
MARTINEZ, CA 94553
(415) 372-3637

June 1, 1988

Mr. Bob Whitman
Environmental Technology
260 Cristich Lane
Campbell, California 95124
(408) 559-1220

Subject: Union Pacific Railroad's Underground Tank

Dear Mr. Whitman:

On May 20, 1988 we received a letter from Rafat Shahid, Chief, Hazardous Materials Division, Alameda County Health Care Services, regarding the final closure report for the tank removal last fall at Union Pacific Railroad, 1750 Ferro, Oakland. To complete the requirements of this project we would appreciate copies of the following documents.

Tank Removal Permit Application ✓
Hazardous Waste Manifest ✓
Certificate of Disposal for Tank ✓

Thank you for your assistance.

Very truly yours,



Stanley L. Klemetson, Ph.D., P.E.
Chief Engineer

cc: Storm Goranson, Alameda County

GREGG & ASSOCIATES, INC.
597 CENTER AVENUE, SUITE 350
MARTINEZ, CA 94553
(415) 372-3637

June 1, 1988

Storm Goranson
Alameda County Health Agency
Dept. of Environmental Health
80 Swan Way #200
Oakland, CA 94621
(415) 271-4320

JUN 6 1988

Subject: Union Pacific Railroads's Underground Tanks

Dear Mr. Goranson:

Thank you for your letter of May 20, 1988 regarding the work at Union Pacific Railroad, 1750 Ferro, Oakland. We are attempting to gather the necessary documents for the preparation of the final closure report for the underground tank that was removed from the site several months ago. The project was not under our direction at that time. On May 19, 1988, we received a contract from Union Pacific Railroad to proceed with the work. We will try to expedite the work in a timely manner.

12-17-87
I promise

The site remediation work and additional site work was started on May 23, 1988. Two more underground tanks, a collection basin, and an oil/water separator were removed. One collection basin and one oil/water separator remained on the site to become part of the site modifications. We will prepare a report on the removal of all three underground tanks at the site. This report should be completed by June 20, 1988.

Plans are being prepared for a new oil/water separator, an extraction well pump, a pump tank, a product tank, and a new 45 by 75 foot concrete steam cleaning area for equipment. The cleaning area will be tied to the oil/water separator system. Four alternatives are also being prepared for the removal or monitoring of the other two tanks at the facility.

We would like to visit with you early next week to discuss our proposed plans for the site. On June 10th we are planning to submit our proposal to Union Pacific in Omaha for funding approval. It is expected that they will require about 10 working days for their review. This would indicate that the work can be undertaken early in July.

Storm Goranson, Page 2

Please contact me or Noel Nelson if you have any questions.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Stan Klemetson".

Stanley L. Klemetson, Ph.D., P.E.
Chief Engineer

HUNTER ENVIRONMENTAL SERVICES, INC.
597 Center Avenue, Suite 350
Martinez, CA 94553
(415) 372-3637

May 23, 1988

Storm Goranson
Haz. Materials Spec.
County of Alameda
County Dept. of Env. Health
80 Swan Way, #200
Oakland, CA 94621
415-271-1320

Subject: Safety Plan for Underground Tank Projects

Dear Mr. Goranson:

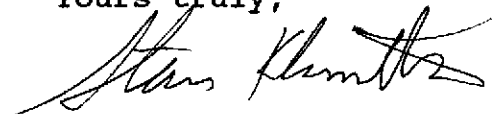
Enclosed is a copy of our Safety Plan for Gregg & Associates, Inc. and Hunter Environmental Services, Inc.

For the tank removal project at Union Pacific, 1750 Ferro Street, Oakland, the following additional items apply.

- o Gas Tech Analyzer, Model 1314, will be available on site.
- o The fire department will be notified prior to tank pull.
- o Our Certified Industrial Hygienist is Michael T. Noble, #2676

Please let us know if you require any additional information.

Yours truly,



Stanley L. Klemetson, Ph.D., P.E.
Chief Engineer, Hunter-Gregg

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

Certified Mailer #P 759 896 723

May 16, 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,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

cc: S. Solomon, Environmental Technology

P 759 896 723

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <i>Hunter Em. Sues</i>	
Street and No. <i>597 Center Ave.</i>	
P.O., State and ZIP Code <i>Martinez 94553</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, June 1985

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE. <i>Stacy C. Hanson</i> 2/11/88 SIGNED _____ DATE _____
REPORT DATE 01 M 2 D 8 Y 8 V	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Robert Traylor	PHONE (714) 964-8722	SIGNATURE <i>Jennifer Klemetson for Rob Traylor</i>	
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER <u>Consultant</u>	COMPANY OR AGENCY NAME GREGG & ASSOCIATES, INC.		
	ADDRESS 18350 Mt. Langley STREET Suite 100, Fountain Valley, CA STATE 92708 ZIP			

RESPONSIBLE PARTY	NAME Union Pacific <input type="checkbox"/> UNKNOWN	CONTACT PERSON R.C. Kuhn	PHONE (402) 271-2261
	ADDRESS 1416 Dodge Street STREET Omaha, CITY Nebraska STATE 68179 ZIP		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Union Pacific Motor Freight Facility	OPERATOR Union Pacific	PHONE (415) 874-1187	
	ADDRESS 1750 Ferro Street STREET Oakland, CITY Alameda COUNTY ZIP			
	CROSS STREET	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER <u>Railyard</u>	

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Dept. of Environmental Health	CONTACT PERSON Storm Goranson	PHONE (415) 874-7237
	REGIONAL BOARD San Francisco Bay Region		PHONE ()

SUBSTANCES INVOLVED	(1) NAME Engine Oil (used, new)	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 1 M 2 D 1 D 7 D 8 Y 7 V	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE M M D D Y Y	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY GAL. _____ AGE _____ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input checked="" type="checkbox"/> OTHER (OT) <u>Evaluating Alternatives</u>
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COMMENTS
Tank was single wall fiberglass. No holes. May have been some leak from piping. However, area may be contaminated from some other source. See.

11 B3 2-16-88

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY: I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25101.7 OF THE HEALTH AND SAFETY CODE. <i>Stacy W. ... 2/11/88</i>
REPORT DATE 01 1 M 2 D 8 Y	CASE #	SIGNED _____ DATE 2/11/88

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Robert Braylor	PHONE (714) 964-8722	SIGNATURE <i>Jennifer Klamerton for Rob Braylor</i>
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER Consultant	COMPANY OR AGENCY NAME GREGG & ASSOCIATES, INC.	
	ADDRESS 18350 Mt. Langley Street Suite 100, Fountain Valley, CA 92708		

RESPONSIBLE PARTY	NAME Union Pacific	CONTACT PERSON R.C. Kuhn	PHONE (402) 271-2261
	ADDRESS 1416 Dodge Street Omaha, Nebraska 68179		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Union Pacific Motor Freight Facility	OPERATOR Union Pacific	PHONE (415) 874-1187
	ADDRESS 1750 Ferro Street Oakland, Alameda 94612		
	CROSS STREET X	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER Rallyard

IMPLEMENTING AGENCIES	LOCAL AGENCY Dept. of Environmental Health	AGENCY NAME	CONTACT PERSON Storm Goranson	PHONE (415) 874-7237
	REGIONAL BOARD San Francisco Bay Region			PHONE

SUBSTANCES INVOLVED	(1) NAME Engine Oil (used, new)	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 1 M 2 M 1 D 7 D 8 Y 7 Y	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN X UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY GAL. _____ AGE _____ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
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CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input checked="" type="checkbox"/> OTHER (OT) Evaluating Alternatives
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COMMENTS: Tank 12 was simple well to be dug. No holes. May have been some leak from piping. However, area may be contaminated from some other source sep.

ALAMEDA COUNTY
HEALTH CARE SERVICES



DAVID J. KEARS AGENCY

~~XXXXXXXXXXXX~~ MICHAEL LEAHY, Agency Director

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, 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,

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

RAS:SG:mam

cc: Terry Wright, Union Pacific Railroad
File

Enclosure