

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO 476

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

September 1, 2006

Alameda County

OCT 02 2006

Environmental Health

James Levy  
Union Pacific Railroad Co.  
1600 Vernon St.  
Roseville, CA 95747

Mike Grant  
Union Pacific Railroad Co.  
49 Stevenson St., 15th Floor  
San Francisco, CA 94105

Dear Mr. Levy & Mr. Grant:

Subject: Fuel Leak Case No. RO0002568, Southern Pacific/Union Pacific,  
1399 Wood Street, Oakland, CA 94607

Please be advised that prior to closure of the above referenced site's underground tank investigation you will be required to analyze a groundwater sample for the analyte, methyl tertiary butyl ether (MTBE) per State Water Resources Control Board guidelines. This sample should be taken in a location downgradient of the former diesel/gasoline tank. Alternatively, should existing analytical data exist where the analytical, laboratory can determine the presence of MTBE (i.e. a MTBE standard was run during the BTEX analysis), this can be done in lieu of additional analysis. Please provide a work plan or analytical lab interpretation for MTBE quantification as soon as possible.

This request was previously made in a letter dated March 6, 2001 (enclosed).

TECHNICAL REPORT REQUEST

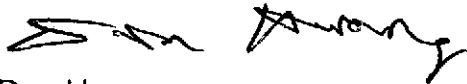
Please submit technical reports to Alameda County Environmental Health (Attention: Don Hwang) by:

October 29, 2006 – Workplan or Analytical lab interpretation

Mr. Levy & Mr. Grant  
September 1, 2006  
Page 2 of 2

If you have any questions, call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

Enclosure

C: J. Cavanaugh, ERM West, 1777 Botelho Dr., Suite 260,  
Walnut Creek, CA 94596  
Donna Drogos  
File

ALAMEDA COUNTY  
**HEALTH CARE SERVICES AGENCY**  
Department Of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

OAKLAND CA 946

01 SEP 2006 PM 3 T



2006 OCT -2 PM 2:17

Mike Grant  
Union Pacific Railroad Co.  
49 Stevenson St., 15th Floor  
San Francisco NIXIE

1997 1 25 09/29/06

RETURN TO SENDER  
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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

August 31, 2006

Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15th Floor  
San Francisco, CA 94105

RE: Fuel Leak Case No. RO0000476, Southern Pacific/Union Pacific,  
1399 Wood Street, Oakland, CA 94607

Dear Mr. Grant:

**LANDOWNER NOTIFICATION REQUIREMENTS**

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

At this time we require that you submit a complete mailing list of all record fee title owners of the site by September 30, 2006, which states, at a minimum, the following:

*A. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

*- OR -*

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

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

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



ALAMEDA COUNTY  
**HEALTH CARE SERVICES AGENCY**  
Department Of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

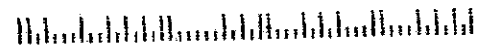
2006 SEP 19 PM 2:24

Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15th Floor  
San Francisco, NIXIE

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RETURN TO SENDER

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34105+2975-15-0014



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO474  
Alameda County  
OCT 02 2006  
Environmental Health

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 200  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

August 31, 2006

Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15th Floor  
San Francisco, CA 94105

*Long RO*

RE: Fuel Leak Case No. RO0002568, Southern Pacific/Union Pacific,  
1399 Wood Street, Oakland, CA 94607

Dear Mr. Grant:

**LANDOWNER NOTIFICATION REQUIREMENTS**

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

At this time we require that you submit a complete mailing list of all record fee title owners of the site by September 30, 2006, which states, at a minimum, the following:

A. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

- OR -

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

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

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

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

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

*A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

*cleanup proposal (Corrective Action Plan)*

*request for case closure*

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

*local agency intention to issue a closure letter*

- OR -

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

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

Please call me at (510) 567-6746 should you have any questions about the content of this letter.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

c: Donna Drogos  
file



ALAMEDA COUNTY  
**HEALTH CARE SERVICES AGENCY**

Department Of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

OAKLAND CA 946

01 SEP 2006 PM 1 T



2006 OCT -2 PM 2:47

Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15th Floor  
San Francisco CA 94105

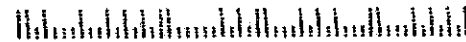
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1997 1

25 09/29/06

RETURN TO SENDER  
NOT DELIVERABLE AS ADDRESSED  
UNABLE TO FORWARD  
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94502/6577  
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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

August 31, 2006

Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15th Floor  
San Francisco, CA 94105

RE: Fuel Leak Case No. RO0000476, Southern Pacific/Union Pacific,  
1399 Wood Street, Oakland, CA 94607

Dear Mr. Grant:

**LANDOWNER NOTIFICATION REQUIREMENTS**

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

At this time we require that you submit a complete mailing list of all record fee title owners of the site by September 30, 2006, which states, at a minimum, the following:

*A. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

*- OR -*

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

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

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



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

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

A. *In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

- cleanup proposal (Corrective Action Plan)*
- request for case closure*
- local agency intention to make a determination that no further action is required*
- local agency intention to issue a closure letter*

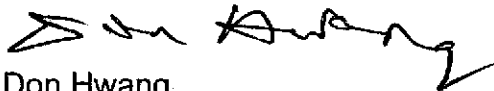
- OR -

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

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

Please call me at (510) 567-6746 should you have any questions about the content of this letter.

Sincerely,



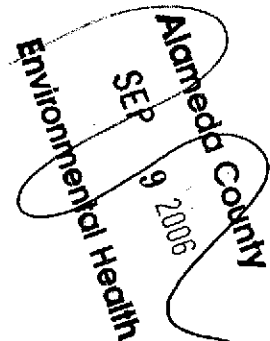
Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

c: Donna Drogos  
file

Environmental Health

SEP 19 2006

Alameda County



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

March 6, 2001  
StID # 3824

Mr. James Levy  
Union Pacific Railroad Co.  
1600 Vernon St.  
Roseville, CA 95747

**Re: Request for MTBE Analysis at 1399 Wood St., Oakland CA 94607**

Dear Mr. Levy:

Please be advised that prior to closure of the above referenced site's underground tank investigation you will be required to analyze a groundwater sample for the analyte, methyl tertiary butyl ether (MTBE) per State Water Resources Control Board guidelines. This sample should be taken in a location down-gradient of the former diesel/gasoline tank. Alternatively, should existing analytical data exist where the analytical laboratory can determine the presence of MTBE (ie a MTBE standard was run during the BTEX analysis), this can be done in lieu of additional analysis. Please provide a work plan or analytical lab interpretation for MTBE quantification as soon as possible.

You are also advised that I am the new contact for the oversight of this project. 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. J. Cavanaugh, ERM West, 1777 Botelho Drive, Suite 260, Walnut Creek, CA 94596

MTBErq1399Wood

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



February 28, 2000

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

Mr. Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15<sup>th</sup> Floor  
San Francisco, CA 94105  
STID 3824

INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS  
REQUIRED OR ISSUE A CLOSURE LETTER FOR UNION PACIFIC RAILROAD  
@ 1399 Wood Street, Oakland, CA 94607

Dear Mr. Grant:

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

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

If you have any questions about these proposed actions, please contact Larry Seto at (510) 567-6774.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Peacock', written over a horizontal line.

Thomas Peacock  
Manager, LOP

cc: Chuck Headlee, RWQCB  
Leroy Griffin, City of Oakland Fire Department, 1603 Martin Luther King,  
Oakland, CA 94612  
Larry Seto, Alameda County Environmental Health  
Files



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

February 28, 2000

Mr. Mike Grant  
Union Pacific Railroad  
49 Stevenson Street, 15<sup>th</sup> Floor  
San Francisco, CA 94105  
STID 3824

RE: Southern Pacific/Union Pacific, 1399 Wood Street, Oakland, CA 94607

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Grant:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: Southern Pacific/Union Pacific, 1399 Wood Street, Oakland, CA 94607  
February 28, 2000  
Page 2 of 2

In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6774 should you have any questions about the content of this letter.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

---

Name of local agency  
Street address  
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:
  
2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

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

---

Name of local agency  
Street address  
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY  
FOR *(Site Name and Address)*

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

April 13, 1998,

Comments on the Risk Assessment for 1399 Wood Street, Oakland, CA

Larry,

In the risk assessment, they did not evaluate "soil to indoor air" pathway because they claimed the gasoline impacted soil is mostly under the 14<sup>th</sup> street, and is owned by City of Oakland. Also, according to them, no structures will be built over this area. They sent a letter, dating March 6, 1998 documenting this information. If you want to be sure, you could mention this as a condition in your letter and send a copy to the planning Department. Looks like Eva has a contact person in Oakland Planning, to whom she usually sends these letters.

Madhulla

FRANK KLEIN  
City of Oakland Planning  
1350 Broadway, 2nd Floor  
Oakland, CA 94612

4-27-98 Madhulla said risk assessment is acceptable.



**Environmental  
Resources  
Management**

6 March 1998

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

Ms. Madhulla Logan  
Alameda County Health Care Services Agency  
Department of Environmental Health  
Division of Hazardous Materials  
1131 Harbor Bay Parkway  
Alameda, California 94502



Subject: Clarification of Risk Assessment Section  
Union Pacific Railroad Company  
1399 Wood Street  
Oakland, California.

Dear Ms. Logan:

On behalf of Union Pacific Railroad Company (UPRR), Environmental Resources Management (ERM) is submitting this correspondence to clarify the omission of a possible exposure pathway from the risk assessment portion of the: *Request for Site Closure, Southern Pacific Transportation Company, 1399 Wood Street - Oakland, California* dated April 24, 1997. In June 1994, the presence of 14th Street prevented the removal of all gasoline impacted soil during the remedial excavation. The property which is covered by 14th Street is owned by the City of Oakland. It is estimated that less than 70 cubic yards of impacted soil still remain.

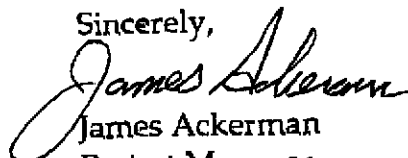
The possible exposure pathway scenario noted as "volatilization from subsurface soils to enclosed-space air" in the American Society for Testing and Materials (ASTM) publication *Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites* (ASTM Designation E 1739-95) was not included in the risk assessment. This possible exposure pathway was determined to be non-applicable because 14th Street is planned to be used for access to the frontage road of the I-880 freeway, and no structures are planned to be built over the area where gasoline impacted soil still exists.

Environmental  
Resources  
Management

Ms. Madhulla Logan  
6 March 1998  
Page 2

Please call me at (510) 946-0455 if you have any questions or comments.

Sincerely,

  
James Ackerman  
Project Manager

JBA/jba/8043.10

cc: James Levy Union Pacific Railroad  
Ben Leslie-Bole, Environmental Resources Management

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

March 27, 1997  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

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

RE: 1399 Wood St., Oakland CA 94607

Dear Mr. Moe,

Since our last letter to you, dated 3/6/96, the following documents have been received in this office:

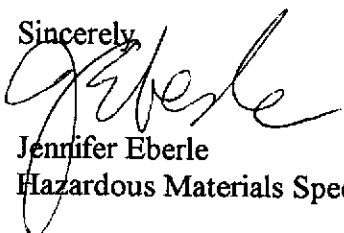
- 1) "Fourth Quarter 1995 Ground Water Monitoring Report," prepared by Terranext, dated 3/18/96; and
- 2) fax from Terranext, dated 5/31/96 (identifying this site as "Lodi Trucking").

The report documenting the grab groundwater sampling conducted in 1996 has not yet been received. As per a telecon with Dick Bateman of Terranext on 2/19/97, he indicated that the report was drafted. **Please submit the report within 30 days, or by April 27, 1997.**

I understand that a risk assessment is being conducted for this case. It should be based on the future use of the site. **Is the property zoned for residential use? Is residential use a possible future use of this site? Please respond to these questions within 30 days, or by April 27, 1997.**

Please contact me at 510-567-6761 if you have any questions.

Sincerely,

  
Jennifer Eberle  
Hazardous Materials Specialist

cc: James Ackerman, Terranext, PO Box 24374, Oakland CA 94623-1374  
Richard Bateman, Terranext, 9838 Old Placerville Rd., suite 100, Sacramento CA  
95827-3559

J. Eberle/file

je 3824-G

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR

Alameda County Environmental Health Div.  
Mail Code: 430-4580  
Environmental Protection Services  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

March 6, 1996  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

RE: 1399 Wood St., Oakland CA 94607

Dear Mr. Moe,

I am in receipt of the "Workplan for Ground Water Grab Sampling," prepared by Terranext, dated 2/23/96. This workplan involves the drilling of 2 boreholes, the placement of temporary wells, and sampling. **This workplan is acceptable for implementation, on the condition that BTEX be included in the sampling matrix for BOTH water samples.** I assume that the workplan will be implemented within 30 to 45 days, and a report will be submitted to this office within 30 to 45 days subsequent to the field investigation. Please note that additional monitoring wells may be required, depending on the results of this investigation, and as per our letter to you dated 11/7/95.

I am also in receipt of the 11/29/95 quarterly report for this site, prepared by Industrial Compliance. **Please forward the subsequent quarterly reports for the 4th quarter 1995 and 1st quarter 1996 asap.**

Please contact me at 510-567-6761 if you have any questions.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: James Ackerman, Terranext, PO Box 24374, Oakland CA 94623-1374  
Richard Bateman, Industrial Compliance, 9838 Old Placerville Rd., suite 100, Sacramento  
CA 95827-3559  
Jun Makashima/file

je 3824-F



STID 3824

November 7, 1995

Mr. John Moe  
Southern Pacific Transportation Company  
One Market Plaza  
San Francisco, CA 94105

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

RE: 1399 WOOD STREET, OAKLAND CA 94607

Dear Mr. Moe:

This office is in receipt of and has completed review of the case file for this site, up to and including the August 17, 1995 - Industrial Compliance (IC) "Second Quarter 1995 Ground Water Monitoring Report".

The second quarter monitoring is the fifth quarterly monitoring event for the site. This site has three (3) groundwater monitoring wells (MW-1, MW-2 and MW-3) located in a westerly direction from both Excavation A (Tank Pit 3) and from Excavation B (Tank Pits ½ and 4). These monitoring wells were installed with the assumption that groundwater flow would be in a west-southwesterly direction, in order to detect petroleum hydrocarbon contamination down gradient of Excavations A & B. However, except for the first quarterly sampling event, "inferred" groundwater flow has been in a east-northeasterly direction. Therefore, the present locations of the groundwater monitoring wells are in a up-gradient direction from the excavations.

**A minimum of one additional monitoring well needs to be installed in a down-gradient location from Excavation B. Please provide a simplified work plan showing the location(s) of the proposed groundwater monitoring well(s) and/or sampling points.**

In order to properly place the monitoring well(s) in a more cost-effective fashion, this office has suggested that you first employ rapid site assessment tools (e.g. CPT, Geo Probe, Hydropunch, etc.) to qualitatively assess impacts and to define the extent of any contaminant plume **before** proposing final well location(s).

After initial placement and sampling of the additional monitoring well(s), please adhere to a **quarterly** schedule of well sampling, monitoring, and report submittal as referenced in Title 23, California Code of Regulations (CCR) section 2652(d). Sample analytes shall continue to be total petroleum hydrocarbons as gasoline and diesel (TPHg and TPHd) and the aromatic hydrocarbons benzene, toluene, ethyl benzene and total xylene isomers (BTEX).

Sampling of wells MW-1, MW-2, MW-3 and the additional well(s) should continue until four consecutive sampling events have documented acceptable levels of chemicals in groundwater samples collected from these monitoring wells. After the documentation of four consecutive quarters of groundwater reporting, ACHCSA will re-evaluate the site for possible Regional Water

Mr. John Moe  
RE: 1399 Wood Street, Oakland  
November 7, 1995  
Page 2 of 2

Quality Control Board (RWQCB) case closure. At that time Southern Pacific may request site closure from ACHCSA.

**Please respond with this information no later than 30 days from receipt of this letter or December 8, 1995. Additional quarterly groundwater sampling reports should be received by this office no later than 45 days from the groundwater sampling date.**

I am temporary taking over management of this project from Jennifer Eberle in her absence. Please call me at 510/567-6880 should you have any questions.

Sincerely,



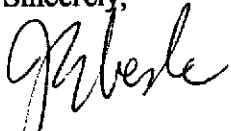
Dale Klettke, CHMM  
Hazardous Materials Specialist

c: Jun Makishima, Interim Director--files  
Gil Jensen, Alameda County District Attorney's Office  
John Cavanaugh/James Ackerman, Industrial Compliance, PO Box 24374, Oakland CA  
94623-1374  
Richard Bateman, Industrial Compliance, 9838 Old Placerville Road., Suite 100,  
Sacramento, CA 95827-3559

3824adm.v.jet

June 8, 1995  
STID 3824  
Attn: John Moe  
page 2 of 2

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: James Ackerman, Industrial Compliance, PO Box 24374, Oakland CA 94623-1374  
Richard Bateman, Industrial Compliance, 9838 Old Placerville Rd., suite 100, Sacramento  
CA 95827-3559  
Mee Ling Tung/file

je 3824-D

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

June 27, 1995  
STID 3824

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

RE: 1399 Wood St., Oakland CA 94607

Dear Mr. Moe,

Since my last letter to you dated 6/8/95, I have received the "First Quarter 1995, Ground Water Monitoring Report," prepared by IC, dated 6/21/95. This report was received under a cover letter from IC, dated 6/21/95. The cover letter was a notification that this report included a request for changes to the sampling program. Please continue to notify me of such requests (including closure requests) in future cover letters; additional telephone calls are also helpful.

These changes are acceptable, as specified on pages 20-23 of the report. Please note that this agency did not request the TDS and sodium chloride analyses.

A comment was made regarding IC's 3/29/95 "Fourth Quarter 1994, Ground Water Monitoring Report," in my 6/8/95 letter. It was erroneously noted that the 140 ppb TPH-diesel was for MW2. However, this concentration was actually the duplicate for MW1, as indicated by John Cavanaugh of IC, in a telephone message left on 6/13/95.

Please contact me at 510-567-6761 if you have any questions.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: John Cavanaugh, Industrial Compliance, PO Box 24374, Oakland CA 94623-1374  
Richard Bateman, Industrial Compliance, 9838 Old Placerville Rd., suite 100, Sacramento  
CA 95827-3559  
Jun Makashima/file

je 3824-E



10-14-94 Reviewed 8-29-94 "Soil Remediation + GW Invest. Report" by IC.

Excavation B (tank pit 4 + 1/2) had some hits: up to 13,000 ppm TPH-g in N wall (~4' bgs) + 550 TPHg in B(S-5) (south wall; may h b overexed). (see Fig 13) + (table 10 on p. 54) Benzene in Ex. B all < 4.6 ppm

3 MWs installed in June 94 (see Fig 16)

IT's SP had up to 13,000 ppm TPH (weathered gas) (see Table 12 on p. 57). Benz was all < 4.6 ppm. (2100 ppm PCE!) <sup>Some VOC's</sup>

Exc. A pit samples all ND (up to 2 ppm TPH-d) for TPHg + BTEX. (table 7 p. 49). IT's SP had 6400 TPH (weathered gas) + 360 Pb (table 9 p. 51)

GW flowed SE on 6-29-94 + was ND for TPHg + TPH-d + BTEX <sup>+ PCBs</sup> except 110 ppb TPHg, .9 T + .8 X in MW3 (UG or X-G well) (Table 14 on p. 69). TDS bet 410 - 850 ppm. (also see fig 21 on p. 70)

IC rec' min 1 yr gw mon. (QS)

They're preparing rec' f offsite disposal of 60 yd<sup>3</sup> for Ex. A + 950 yd<sup>3</sup> for Ex B

IC rec' reuse of drum soil for the borings.

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

II, III

white -env.health  
yellow -facility  
pink -files

Site ID # \_\_\_\_\_ Site Name Southern Pacific Today's Date 6/6/94

Site Address 1399 Wood 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 overex + resample

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

Comments:

4:45 arrived onsite. Jensen just took B(N-4) from East wall at ~14' bgs. They dug on N side of concrete wall at edge of fence. Took B(N-5) from N wall at ~14' bgs. JJ said there's odors in that sample. Most of tank pit 1/2 + 4 has been backfilled.  
5:04 Took B(S-7) from W "wall" (actually a slope) at ~14' bgs. The east corner of pit (near BN-4 + BN-5) is being backfilled now because the walls are unstable, + they broke a 1" water line, so they need to support it + fix it.  
5:15 left site

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)

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- |  |   |
|--|---|
| General  | <input type="checkbox"/> 1. Permit Application 25284 (H&S)      |
|  | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
|  | <input type="checkbox"/> 3. Records Maintenance 2712            |
|  | <input type="checkbox"/> 4. Release Report 2651                 |
|  | <input type="checkbox"/> 5. Closure Plans 2670                  |
| Monitoring for Existing Tanks                    | <input type="checkbox"/> 6. Method                              |
|  | 1) Monthly Test   |
|  | 2) Daily Vadose   |
|  | Semi-annual groundwater   |
|  | One time soils  |
|  | 3) Daily Vadose   |
|  | One time soils  |
|  | Annual tank test  |
|  | 4) Monthly Gndwater   |
|  | One time soils  |
| 5) Daily Inventory                               |   |
| Annual tank testing                              |   |
| Cont pipe leak det                               |   |
| Vadose/gndwater mon.                             |   |
| 6) Daily Inventory                               |   |
| Annual tank testing                              |   |
| Cont pipe leak det                               |   |
| 7) Weekly Tank Gauge                             |   |
| Annual tank testing                              |   |
| 8) Annual Tank Testing                           |   |
| Daily Inventory                                  |   |
| 9) Other _____                                   |   |
| New Tanks  | <input type="checkbox"/> 7. Precs Tank Test 2643                |
|  | Date: _____   |
|  | <input type="checkbox"/> 8. Inventory Rec. 2644                 |
|  | <input type="checkbox"/> 9. Soil Testing. 2646                  |
| <input type="checkbox"/> 10. Ground Water. 2647  |   |
| <input type="checkbox"/> 11. Monitor Plan 2632   |   |
| <input type="checkbox"/> 12. Access. Secure 2634 |   |
| <input type="checkbox"/> 13. Plans Submit 2711   |   |
| Date: _____                                      |   |
| <input type="checkbox"/> 14. As Built 2635       |   |
| Date: _____                                      |   |

II, III

Contact: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: [Signature]

Inspector: \_\_\_\_\_

Signature: [Signature]

6-6-94 Spw/JJ. Reviewed fax.  
 Only 3 spots w/ > 100 TPH. He'll overex  
 + resample.

PCB? B(N-3), B(N-2), + B(E-4)?

Spw/JJ. The 2 SP comp. samples ~~they~~  
 in the fax are from the gravel backfill  
 they encountered in the pit.

They're not planning to reuse the  
 soil SP bec. they think it's dirty.

He already overexed B(S-5).

NE corner is of concern: utility lines.

6-23 Reviewed 6-16 fax from JC.

3 wells were installed.

No PCBs.

B(N-5) had 13,000 ppm TPH-g

B(N-4) had 0.015 ppm benzene

- 4-4-94 reviewed 3-29 ltr fm IC.  
Drafted ltr for Ravi's sign.
- 4-26 Reviewed 4-21-94 "Revised Soil Remed.  
+ GW Invest. Up" by IC.  
This up proposes soil cleanup + reuse  
objectives of 100 ppm TPH + 4-6 ppm benzene  
Q: Will they overex the pump island? Yes  
Follow up on residuals.  
Wr ltr to RP.
- 5-31 field visit for sample of diesel pit.  
See report.
- 6-1 revery faxed lab results  
Spw/JJ: Thinks dispenser location on map  
is wrong. They connected the dispenser  
ex w/the tank pit 1/2 + 4. He wants to  
sample w/wall of tank 1/2/4 pit, bec.  
he thinks it's clean.  
OK to backfill diesel pit.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

February 7, 1994  
STID 3807



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

San Francisco Bay Area Regional Water Quality Control Program

- 3-21 mtg. re items 1-6 in <sup>ir</sup> ~~IC~~ <sup>IC</sup> # 3-3-94 ltr.
1. IC 4.6 ppm benz PRG + 100 ppm TPH.  
Ten: future use? industrial.
  2. ~~we see~~ John Moe revised well locations
  3. ok
  4. ~~see~~ 24 hrs. in DTSC Draft 2/1 ~1991  
they'll copy me w/ that excerpt.
  5. ~~see~~ will discuss <sup>SOPs</sup> w/S. Strickland
  6. ok

R0476

white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

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

II, III

Site ID # \_\_\_\_\_ Site Name Southern Pacific Today's Date 6/2/84

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 1399 Wood St  
 City Oakland

MAX AM \_\_\_\_\_

Inspection Categories:

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

overex of  
 Tank Pit 1/2/4

II.B ACUTELY HAZ. MATLS

- \_\_\_ 10. Registration Form Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N) \_\_\_\_\_
- \_\_\_ 14. OffSite Conseq. Assess. 25524(c)
- \_\_\_ 15. Probable Risk Assessment 25534(d)
- \_\_\_ 16. Persons Responsible 25534(g)
- \_\_\_ 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   |
| Monitoring for Existing Tanks | ___ 6. Method   |
|                               | 1) Monthly Test   |
|                               | 2) Daily Vadose<br>Semi-annual groundwater<br>One time soils                            |
|                               | 3) Daily Vadose<br>One time soils<br>Annual tank test                                   |
|                               | 4) Monthly Groundwater<br>One time soils  |
|                               | 5) Daily Inventory<br>Annual tank testing<br>Cont pipe leak det<br>Vadose/gndwater mon. |
|                               | 6) Daily Inventory<br>Annual tank testing<br>Cont pipe leak det                         |
|                               | 7) Weekly Tank Gauge<br>Annual tank testing   |
|                               | 8) Annual Tank Testing<br>Daily Inventory   |
|                               | 9) Other _____  |
| New Tanks                     | ___ 7. Precip Tank Test 2643  |
|                               | Date: _____   |
|                               | ___ 8. Inventory Rec. 2644  |
|                               | ___ 9. Soil Testing 2646  |
|                               | ___ 10. Ground Water 2647   |
|                               | ___ 11. Monitor Plan 2632   |
|                               | ___ 12. Access, Secure 2634   |
|                               | ___ 13. Plans Submit 2711   |
|                               | Date: _____   |
|                               | ___ 14. As Built 2635   |
| Date: _____                   |   |

**Comments:**  
 3:40 arrived onsite.  
 Gw in pit is being pumped into an AST.  
 The dispenser area has been excavated.  
 JJ took 2 samples yesterday, which he says came up clean. They found a storm drain catch basin in S end of excavation. The soil surrounding it was stained black + had an organic (fuel or oil?) odor. This area was excavated. (\*)  
 4:25 Began sampling. See attached map. Only the soil samples SE of storm pipe in tank pit ~~area~~ 4 area (former waste oil UST) need to be analyzed for PCBs. There is a lot of artificial fill to ~ 3 1/2' bgs. It's inter-bedded w/clay. The "true" bay mud starts at ~ 3 1/2' bgs.  
 5:10 left site

(\*) The catch basin was removed.

II, III

Contact: \_\_\_\_\_


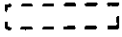
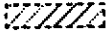


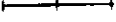




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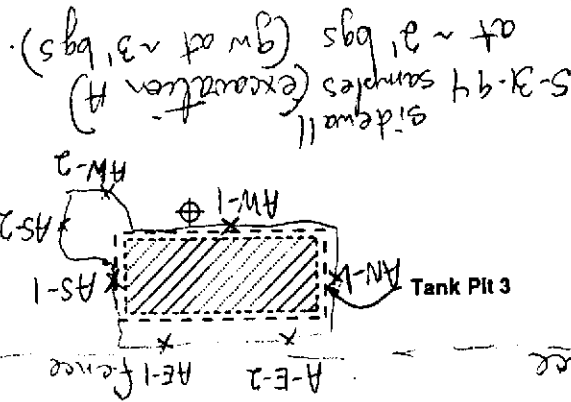
Signature: [Signature]

Inspector: \_\_\_\_\_

Signature: [Signature]

**LEGEND**

-  Approximate Location of Proposed Monitoring Well
-  Approximate Limits of Proposed Excavation
-  Approximate Limits of Previous Excavations
-  Estimated Hydraulic Gradient Based on Local Hydrogeology and Proximity to San Francisco Bay
-  Fence
-  Railroad Tracks
-  Power Pole and Overhead Electrical Lines
-  Approximate Location of Sanitary Sewer Line
-  Building Structures
-  Asphalt Paved Road

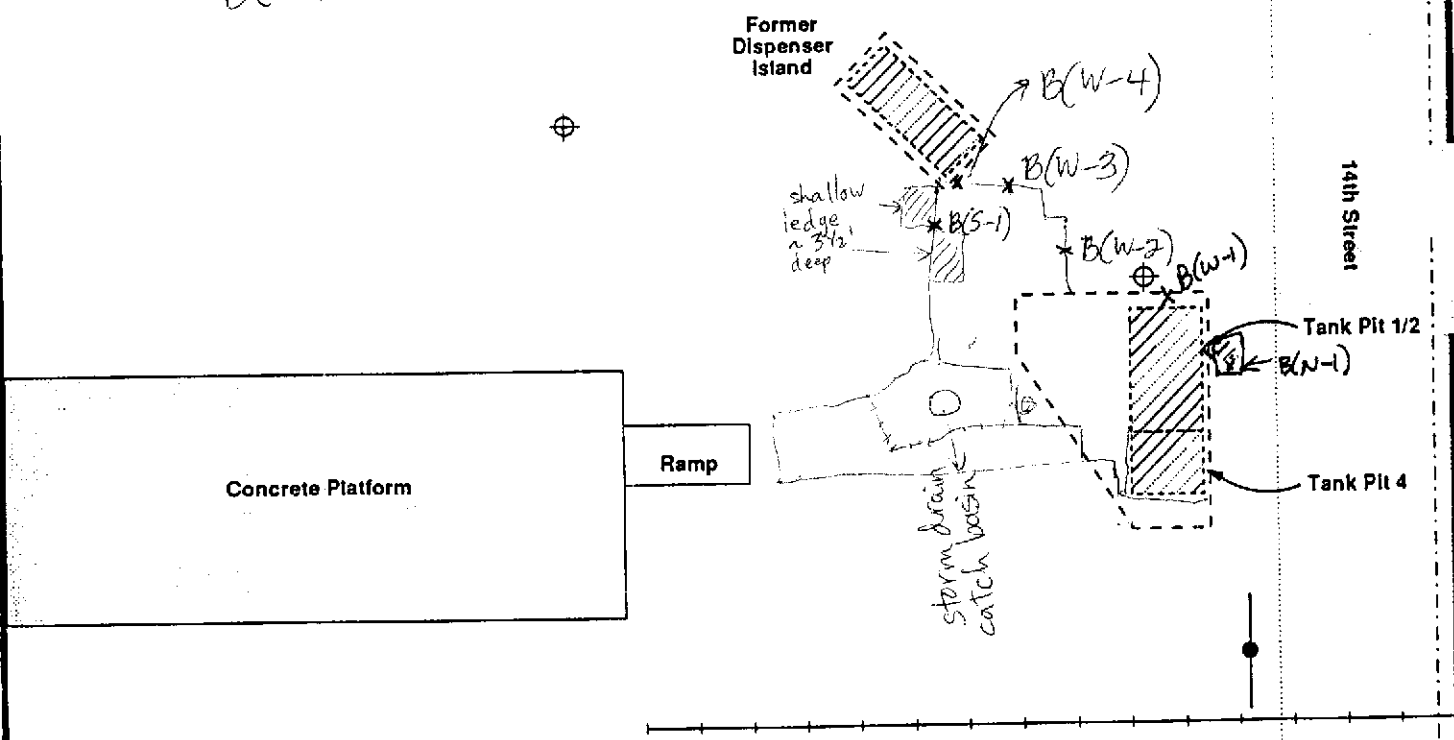


Approximate Scale in Feet  
 0 50'



6-2-94 samples:  
 B(W-2) ~ 3 1/2' - 4'  
 B(W-3) ~ 4 1/2'  
 B(W-4) ~ 3 1/2' - 4'  
 B(S-1) ~ 3 1/2' - 4'

 Estimated Hydraulic Gradient



**Industrial Compliance**  
 A Subsidiary of SP Environmental Systems, Inc.

**PROPOSED LOCATIONS OF GROUND WATER MONITORING WELLS TO BE INSTALLED SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA**

Figure:	8
Page:	20
Scale:	as shown

Project No.: 05100269 Date: 03/25/94  
 Drawn By: Patti Decker Checked By: James G. Jensen

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 Southern Pacific Today Date 5/31/94

Site Address 1399 Wood 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

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

Comments: 3:00 arrived onsite  
Sampling of Tank Pit 3 (Excavation A).  
Chw is at ~ 3' bgs. See sample locations  
in Revised Wp Fig. 8. The excavation  
was previously backfilled w/gravel.  
Therefore, much of the stockpiled "soils" are  
coarse gravel. Stockpile samples had  
already been collected.

4:15 left site

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)

II.B ACUTELY HAZ. MATLS

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

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  
One time soils  
Annual tank test
  - 4) Monthly Groundwater  
One time soils
  - 5) Daily Inventory  
Annual tank testing  
Cont pipe leak det  
Vadose/groundwater mon.
  - 6) Daily Inventory  
Annual tank testing  
Cont pipe leak det
  - 7) Weekly Tank Gauge  
Annual tank testing
  - 8) Annual Tank Testing  
Daily Inventory
  - 9) Other \_\_\_\_\_
- 7. Precs Tank Test 2643  
Date: \_\_\_\_\_
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647
- New Tanks**
- 11. Monitor Plan 2632
- 12. Access. Secure 2634
- 13. Plans Submit 2711  
Date: \_\_\_\_\_
- 14. As Built 2635  
Date: \_\_\_\_\_

Rev 6/88

II, III

Contact: \_\_\_\_\_

Title: \_\_\_\_\_


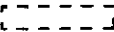



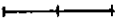




Signature: [Signature]

Inspector: \_\_\_\_\_

Signature: [Signature]



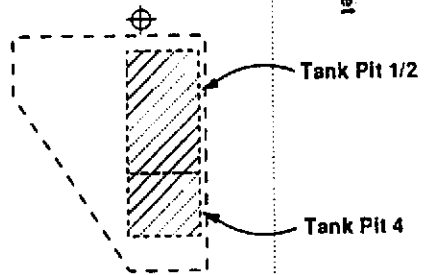
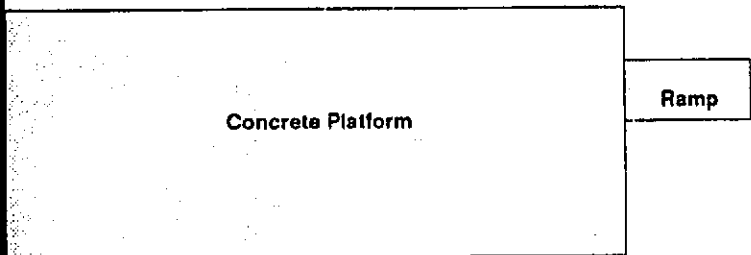
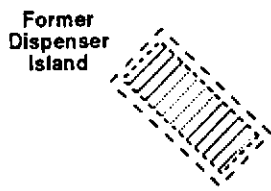
**LEGEND**

-  Approximate Location of Proposed Monitoring Well
-  Approximate Limits of Proposed Excavation
-  Approximate Limits of Previous Excavations
-  Estimated Hydraulic Gradient Based on Local Hydrogeology and Proximity to San Francisco Bay
-  Fence
-  Railroad Tracks
-  Power Pole and Overhead Electrical Lines
-  Approximate Location of Sanitary Sewer Line
-  Building Structures
-  Asphalt Paved Road


*Handwritten notes:*  
 S-31-94 samples (excavation #) at ~ 2' bgs (gw at ~ 3' bgs).  
 side wall  
 AM-1  
 AM-2  
 AS-1  
 AS-2  
 Tank Pit 3  
 A-E-2  
 A-E-1 fence  
 fence



 Estimated Hydraulic Gradient



14th Street



**Industrial Compliance**  
 A Subsidiary of SP Environmental Systems, Inc.

Project No.: 05100269      Date: 03/25/94

Drawn By: Patil Decker      Checked By: James G. Jensen

**PROPOSED LOCATIONS OF GROUND WATER MONITORING WELLS TO BE INSTALLED SOUTHERN PACIFIC TRANSPORTATION COMPANY 1399 WOOD STREET OAKLAND, CALIFORNIA**

Figure:	8
Page:	20
Scale:	as shown

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

April 4, 1994  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

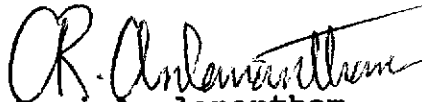
RE: 1399 Wood St.  
Oakland CA 94607


Dear Mr. Moe,

We are in receipt of a 3/29/94 letter from Industrial Compliance (IC), signed by Jim Jensen and Mark Dockum. This letter includes comments to my letter dated 3/3/94. IC's responses are acceptable to this office with the understanding that the cleanup level of 100 ppm TPH was proposed by IC, not recommended by this office, as per item #1.

Please contact us at 510-271-4530 if you have any questions.

Sincerely,

  
Ravi Arulanantham  
Staff Toxicologist

  
Jennifer Eberle  
Hazardous Materials Specialist

cc: Jim Jensen, Industrial Compliance, 9719 Lincoln Village  
Dr., Suite 310, Sacramento CA 95827  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

April 26, 1994  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

RE: 1399 Wood St.  
Oakland CA 94607

Dear Mr. Moe,

We are in receipt of the 4/21/94 "Revised Soil Remediation and Ground Water Investigation Workplan," prepared by Industrial Compliance (IC), signed by Jim Jensen and Mark Dockum. This workplan is acceptable. **Please notify me at least two business days in advance of all field activities.**

Please contact me at 510-271-4530 if you have any questions.

Sincerely,

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

Jennifer Eberle  
Hazardous Materials Specialist

cc: Jim Jensen, Industrial Compliance, 9719 Lincoln Village  
Dr., Suite 310, Sacramento CA 95827  
Ed Howell/file

je 3824-C

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 3, 1994  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

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: 1399 Wood St.  
Oakland CA 94607

Dear Mr. Moe,

We are in receipt of the "Soil Remediation and Ground Water Investigation Workplan," dated 3/1/94, prepared by Industrial Compliance (IC). As you know, this workplan involves soil excavation and disposition; and monitoring well installation, development, and sampling.

The following items came up upon review of this workplan:

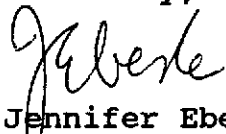
- 1) You proposed using the cleanup values derived in the November 1992 Risk Assessment for the 1912-7th St. site (see pages 17, 20-21, and 22).
- 2) Two of the three proposed monitoring wells are located in the backfill for the former USTs. The hydraulic parameters may vary considerably when wells are installed into backfill. The hydraulic gradient is "based on local geology," as per Figure 8. Please explain this basis in more detail. I suggest that we create an area map with our software called MapInfo, which will show the locations of nearby sites. We can then look at the hydraulic gradients of these sites; I believe we may see a very different gradient. This will determine the locations of wells.
- 3) The wells should be surveyed in relation to mean sea level (see page 24).
- 4) Well seals should set for a minimum of 72 hours, as per Section 2649(d)(8) of 23 CCR (see page 25).
- 5) Disposal of purge water at the SPTCo wastewater treatment facility located on the West Oakland Yard (see page 26) should be done with EBMUD's approval. This requirement is stipulated both in a 7/31/92 letter from Joseph Damas of the Source Control Division of EBMUD to Steve Strickland of SP, and in the Wastewater Discharge Permit (Application) for SP, signed by G.F. Bozeman on 5/7/92 (permit #023-00161).

March 3, 1994  
STID 3824  
Attn: John Moe  
page 2 of 2

6) A final report should be submitted to this office within 8 weeks after completion of field work (see page 27).

Jim Jensen of IC and myself are trying to set up a meeting with SP representatives, including yourself, and also with Ravi Arulanatham, our staff toxicologist, who reviewed the November 1992 Risk Assessment by IC. Tentative dates are March 21, 22, and 28 at 9 a.m. I look forward to discussing these items with you soon. If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Jim Jensen, Industrial Compliance, 9719 Lincoln Village  
Dr., Suite 310, Sacramento CA 95827  
Ed Howell/file

je

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 27, 1994  
STID 3824

Attn: John Moe  
Southern Pacific Transportation Co.  
One Market Plaza  
San Francisco CA 94105

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: 1399 Wood St.  
Oakland CA 94607

Dear Mr. Moe,

We are in receipt of the "Preliminary Soil Investigation Report," dated 1/17/94, prepared by Industrial Compliance (IC). The work documented in this report was performed in October 1992. It took nearly 1 1/2 years to document this work and submit the findings to this office! During a meeting on 9/2/93 between myself and Greg Shepherd of your office and Mark Dockum of IC, I was assured that the report had already been submitted. The outcome of this meeting was that IC would submit a schedule that they felt comfortable with. IC submitted a schedule on 10/5/93 which indicated that the report would be submitted by 10/17/93. The report was submitted three months later, on 1/18/94.

This report documents the drilling of 11 soil borings to determine the lateral extent of soil hydrocarbon contamination. IC recommends that a soil remediation/groundwater investigation workplan be prepared. The County agrees with this recommendation; therefore, you are requested to submit a such a workplan within 30 days, or by February 27, 1994. This workplan is part of IC's previously mentioned schedule (copy attached), which was slated to be submitted by 12/15/93.

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 work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) 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.

January 27, 1994  
STID 3824  
Attn: John Moe  
page 2 of 2

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.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Jim Jensen, Industrial Compliance, 9719 Lincoln Village  
Dr., Suite 310, Sacramento CA 95827  
Ed Howell/file

je  
enclosure

9-2-93 mtg. w/M. Dockum of IC +  
G. Shepherd of SP, + Jc.

10476  
5 min.

1. status of stockpile (200 yd<sup>3</sup>)? see p. 2 of 6-11-92 wp. disposed. I need repts.
2. Final report for 6-11-92 wp?  
(10 SBs) MD: "Sure it went out."  
"Maybe an oversight. Will ✓."
3. RP ID?  $\Delta$  to John Moe.
4. 3 days notice? see 6-23-92 ltr.

Cal Trans does not want it.

9-28-93 M. Dockum does not have the report in hard copy. It may be on their computer.

10-6 Rury 9-30 ltr from IC & schedule.

11-3-93 Mtg. w/J. Jensen

SP disposed last spring - doc in report.

M. Dockum is <sup>editing</sup> finishing report. I should get it in <sup>2 wks</sup>.

Jim is writing up now (similar to 7th St.)

He'll submit revised schedule.



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

June 23, 1992

STID 3824

Industrial Compliance  
9719 Lincoln Village Dr., Ste 310  
Sacramento CA 95827  
Attn: Mark Dockum

RE: Southern Pacific Trans. Co.  
1399 Wood St.  
Oakland CA 94607

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

Dear Mr. Dockum,

We have received the "Preliminary Soil Investigation Workplan," dated 6/11/92, and the "Final Site Report," dated 12/89, for the above referenced site. We approve the Workplan with the following understandings:

- 1) Soil will be analyzed for TPH-diesel in addition to the other constituents.
- 2) Soil boring locations will be determined based upon field conditions.
- 3) Soil boring B-6 seems to be located near the former dispenser. As discussed by telephone by J. Eberle and W. Floyd and M. Dockum of IC on 6/15/92, B-6 will be located at the former dispenser in order to delineate the extent of the contamination previously encountered (4900 ppm TPH-d, 180 ppm TPH-g, 6.1 ppm benzene).

As discussed through a telephone conversation between J. Eberle of this office and W. Floyd of IC on 6/23/92, the PCB issue will have to be addressed at some point. PCBs were detected in the area of the former waste oil tank (Tank C) at a concentration of 37 ppm. The source of this contamination must be determined.

According to the Workplan, "the present status of the stockpile is unknown." As discussed during a telephone conversation between J. Eberle and W. Floyd and M. Dockum of IC on 6/15/92, you had not yet been on site to determine the status of the stockpile. Please address this issue in your report on the soil investigation.

We want to clarify our request to be notified at least three days in advance of any field activities, including monitoring well installation and soil borings. Although our staff cannot always

Mark Dockum  
STID 3824  
Page 2 of 2  
June 23, 1992

be present on site for such activities, we need to be informed in order to have that option.

All reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All proposals, reports, and analytical results pertaining to this investigation and remediation must be sent **both** to our office and to:

Rich Hiett  
RWQCB, San Francisco Bay Region  
2101 Webster St., Suite 500  
Oakland CA 94612

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

Sincerely,



Susan Hugo  
Senior Hazardous Materials Specialist

cc: David Steel, Southern Pacific Trans. Co., One Market Plaza,  
San Francisco CA 94105  
Rich Hiett, RWQCB  
~~File~~

je



# Industrial Compliance

RH

9719 Lincoln Village Drive, Suite 310 Sacramento, CA 95827 916/369-8971 FAX 916/369-8370

June 11, 1992

Ms. Jennifer Eberle  
Alameda County Health Care Services Agency  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, California 94621

201

QUALITY CONTROL BOARD

JUN 11 1992

CALIFORNIA REGIONAL WATER

**SUBJECT: Report and Workplan Submittal**  
**Southern Pacific Transportation Company**  
**1399 Wood Street**  
**Oakland, California**  
**IC Project No. 05535**

Dear Ms. Eberle:

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), is responding to the Alameda County Health Care Services Agency letter dated April 28, 1992, concerning an SPTCo property located at 1399 Wood Street, Oakland, California. Three underground storage tanks (USTs) were removed from the site in September 1989. As requested, attached is a copy of the report prepared by Canonie Environmental Services Corporation (Canonie) dated December 1989 (report entitled: *Final Site Report, Underground Storage Tank Removal, Southern Pacific Transportation Company, Oakland, California*), which provides the laboratory reports, chain-of-custody forms, and hazardous waste manifests associated with the removal of the USTs at the site. Also, attached is a workplan prepared by IC which proposes further investigation of the site.

If there are any questions, please contact either of the undersigned.

Sincerely,

Walter D. Floyd  
Project Geologist

Mark S. Dockum, C.E.G.  
Project Manager

WDF:MSD:ekw

Attachments

cc: Mr. Rick Hiatt  
Mr. John Moe

05636.LTRID:KEYDATA\LTR-MEM

*Dedicated to solving your environmental problems.*

A Subsidiary of SP Environmental Systems, Inc.



# FUEL LEAK CASE FORM

ENTERDATE 06 / 10 / 92  
REVIEWDATE 06 / 10 / 92  
CORRESDATE 05 / 04 / 92  
REPORTDATE 05 / 04 / 92  
UPDATE STATUS N  
REVIEW STATUS C  
EVALUATOR JRW  
SITENAME SOUTHERN PACIFIC  
STREETNO 1399  
STREET WOOD ST  
CITY OAKLAND  
ZIP \_\_\_\_\_  
COUNTY 01  
LOCLAGENCY 01000  
MOPNO \_\_\_\_\_  
PRIMARY SUBSTANCE 12034  
SECONDARY SUBSTANCE \_\_\_\_\_  
MAXSOIL CONC. (ppm) 9400  
MAXGW IMPACT (ppb) \_\_\_\_\_  
MAXBENZENE CONC. (ppb) \_\_\_\_\_  
CASETYPE S G D   
GROUNDWATER DEPTH \_\_\_\_\_  
STATUS D  
DATE3A \_\_\_\_\_  
DATE3B \_\_\_\_\_  
DATE5C \_\_\_\_\_  
DATE5R \_\_\_\_\_  
DATE7 \_\_\_\_\_  
DATE8 \_\_\_\_\_  
DATE9 \_\_\_\_\_  
INTERIM Y   
INTERMDATE \_\_\_\_\_  
ABATEMETHD NT  
LEADAGENCY CP R LI RI  
DIVISION UST  
ENFRCTYPE 0 1 2 3  
ENFRCDATE \_\_\_\_\_  
RPSEARCH S I R N

COMMENT (80 characters)

PIT SAMPLE ONLY  
CNTY LTR ONLY  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ALAMEDA COUNTY

HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director 367 864 097  
Certified Mailer # 1

RAFAT A. SHAHID, Assistant Agency Director

April 28, 1992

STID #3824

Southern Pacific Trans. Co.  
One Market Plaza  
San Francisco CA 94105  
Attn: David Steel

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

RE: Southern Pacific site  
1399 Wood St.  
Oakland CA 94607

Dear Mr. Steel,

The case file for the above referenced site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

Three underground storage tanks (USTs) were removed from the site on 9/14/89. Your representatives collected samples from the underlying soils, stockpiled soils, and/or water present in the excavation pit. Laboratory results, chain of custody forms, and hazardous waste manifests for the tanks' disposal were not submitted to this agency. (We therefore request that you send us copies of these documents **within 45 days of receipt of this letter.**)

Dennis Byrne of our staff collected one soil sample from beneath the 10,000-gallon diesel tank. Significant concentrations of petroleum hydrocarbons (9,400 ppm TPH as diesel) was found in this sample.

Alameda County's Department of Environmental Health, Division of Hazardous Materials currently runs the Local Oversight Program (LOP) for the cleanup and remediation of UST cases. This agency makes recommendations for case closures to the Regional Water Quality Control Board (RWQCB), which is the agency who makes the final determination on case closures.

According to RWQCB guidelines, further excavation will be required to ensure that no soil contamination exceeding 1,000 ppm of TPH remains. Additional sampling will be necessary to verify that the excavation has been sufficiently thorough to meet this requirement.

In addition, since high levels of contamination were found, a groundwater investigation must follow to ensure that the subsurface environment was not affected, as per RWQCB guidelines.

David Steel  
STID #3824  
Page 2 of 2  
April 28, 1992

Therefore, we request that you submit a proposal for a subsurface investigation within 45 days, or by June 12, 1992. The groundwater investigation must include a minimum of 3 exploratory wells to identify groundwater gradient. Once the gradient is determined, you must install one groundwater monitoring well within 10 feet downgradient of the former USTs. Site closure is based on four consecutive quarters of non-detectable concentrations in groundwater. Therefore, additional sampling may be necessary.

All work must be performed according to the Leaking Underground Fuel Tank Field Manual, (LUFT Manual), revised 10/89, and the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, revised 8/10/90, as summarized in Appendix A.

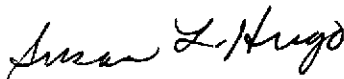
Copies of these documents can be obtained by calling the SFRWQCB data management group at 510-464-1269.

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All proposal, reports, and analytical results pertaining to this investigation and remediation must be sent to our office and to:

Rich Hiatt  
RWQCB, San Francisco Bay Region  
2101 Webster St., Suite 500  
Oakland CA 94612

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

Sincerely,



Susan Hugo  
Senior Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB  
David Poole, (Canonie Environmental, 1825 S. Grant St., Ste 260, San Mateo CA 94402)  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES AGENCY

Hazardous Materials Program  
100 Swan Way, Rm. 200  
Oakland, CA 94621

92 MAY -5 11:43

Canonie Environmental  
Attn: David Poole  
1825 S. Grant St., Ste. 260  
San Mateo, CA 94402

CANDISE 944022021 1991 05/09/92  
FORWARDING TIME EXPIRED  
CANONIE ENVIRONMENTAL  
101 STONERIDGE DR #100  
SAN MATEO CA 94402  
RETURN TO SENDER

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director 367 864 097  
~~Certified Mailer # 1~~

RAFAT A. SHAHID, Assistant Agency Director

April 28, 1992

STID #3824

Southern Pacific Trans. Co.  
One Market Plaza  
San Francisco CA 94105  
Attn: David Steel

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

RE: Southern Pacific site  
1399 Wood St.  
Oakland CA 94607

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Alameda County's Department of Environmental Health, Division of Hazardous Materials currently runs the Local Oversight Program (LOP) for the cleanup and remediation of UST cases. This agency makes recommendations for case closures to the Regional Water Quality Control Board (RWQCB), which is the agency who makes the final determination on case closures.

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In addition, since high levels of contamination were found, a groundwater investigation must follow to ensure that the subsurface environment was not affected, as per RWQCB guidelines.

David Steel  
STID #3824  
Page 2 of 2  
April 28, 1992

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All work must be performed according to the Leaking Underground Fuel Tank Field Manual, (LUFT Manual), revised 10/89, and the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, revised 8/10/90, as summarized in Appendix A.

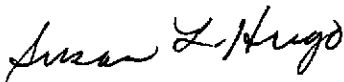
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All reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All proposal, reports, and analytical results pertaining to this investigation and remediation must be sent to our office and to:

Rich Hiett  
RWQCB, San Francisco Bay Region  
2101 Webster St., Suite 500  
Oakland CA 94612

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

Sincerely,



Susan Hugo  
Senior Hazardous Materials Specialist

cc: Rich Hiett, RWQCB  
David Poole, (Canonie Environmental, 1825 S. Grant St., Ste  
260, San Mateo CA 94402)  
**File**

je



P 367 604 097

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

#3824 (See Reverse)

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

PS Form 3800, June 1985

Sent to	David Steel
Street and No.	One Market Plaza
P.O., State and ZIP Code	San Francisco CA 94105
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	

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 box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge) 2.  Restricted Delivery (Extra charge)

3. Article Addressed to: #3824  
David Steel  
Southern Pacific Trans. Co.  
One Market Plaza  
San Francisco, CA 94105

4. Article Number  
P 367 604 097

Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address  
X

6. Signature - Agent  
X *[Signature]*

7. Date of Delivery

8. Addressee's Address (ONLY if fee paid)

MAY 4 1992  
SAN FRANCISCO CA 94105

DATE: 3-6-92  
TO : Local Oversight Program  
FROM: BRIT JOHNSON  
SUBJ: Transfer of Eligible Oversight Case

Site name: SOUTHERN PACIFIC TRANSPORTATION Co  
Address: 1399 WOOD ST city OAK zip 94607  
Closure plan attached?  Y N DepRef remaining \$ 164.50  
DepRef Project # 676 STID #(if any) 3824  
Number of Tanks: 3 removed?  Y N Date of removal 9-14-89  
Leak Report filed? Y  N Date of Discovery 9-14-89  
Samples received? Y  N Contamination:  
Petroleum  Y N Types: Avgas Jet leaded unleaded Diesel  
fuel oil waste oil kerosene solvents  
Monitoring wells on site ~~6~~ Monitoring schedule? Y  N

Briefly describe the following:

Preliminary Assessment \_\_\_\_\_  
Remedial Action \_\_\_\_\_  
Post Remedial Action Monitoring \_\_\_\_\_  
Enforcement Action \_\_\_\_\_

Comments:

10-17-89 VIA TELEPHONE  
6500 PPM FROM MAIN PIT  
4900 PPM  
1300 PPM

PAR DENNIS BRYNE NO SOIL SAMPLES  
SUBMITTED FROM TANK REMOVAL  
EXCAVATION VERY CONTAMINATED AT REMOVAL

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 SP property Today's Date 9/14/89

### 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 1399 wood 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 Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N) 25524(c)
- \_\_\_ 14. OffSite Conseq. Assess. 25534(d)
- \_\_\_ 15. Probable Risk Assessment 25534(g)
- \_\_\_ 16. Persons Responsible 25534(f)
- \_\_\_ 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

- Monitoring for Existing Tanks
- \_\_\_ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose Semi-annual groundwater One time sols *sample*
    - 3) Daily Vadose One time sols
    - Annual tank test
    - 4) Monthly Gndwater One time sols *SOS-T4 - 8'*
    - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
    - 6) Daily Inventory Annual tank testing Cont pipe leak det
    - 7) Weekly Tank Gauge Annual tank tsg
    - 8) Annual Tank Testing Daily Inventory
    - 9) Other \_\_\_\_\_

- \_\_\_ 7. Precis Tank Test Date: \_\_\_\_\_ 2643
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing 2646
- \_\_\_ 10. Ground Water. 2647

- New Tanks
- \_\_\_ 11. Monitor Plan 2632
  - \_\_\_ 12. Access. Secure 2634
  - \_\_\_ 13. Plans Submit Date: \_\_\_\_\_ 2711
  - \_\_\_ 14. As Built Date: \_\_\_\_\_ 2635

### Comments:

(LEL/O2)  
 Observed removal of 3 UG T's  
 1) 15-20,000 gal Diesel/gasoline (10/6 diesel) (8/7 gas)  
 2) 10,000 gal diesel (5/2)  
 3) 500 gal waste oil (4/21)  
 ruptured waterline at the tank prohibited reduction of O2  
 Analysis required on this tank  
 A) TPH-D (GCFID 3550)  
 B) TPH-G (GCFID 5030)  
 C) TOG - (503 D+E)  
 D) chlorinated Hydrocarbons - (8010 or 8240)  
 E) BTX+E (8020 or 8240)  
 F) AP for Cd, Cr, Pb + Zn  
 G) PCP, PCB, PNA, creosote (8270)

Tank 2 - product on water in ~~excavation~~  
 no obvious holes in tank  
 Analysis required TPH-D (GCFID 3550)  
 + BTX+E (8020 or 8240)

soil sample collected from either side wall just above the high water mark, a water sample will be required following repurging of excavation

Contact: David Poole

Title: Asst. Prod Engineer

Signature: [Signature]

Inspector: \_\_\_\_\_

Signature: [Signature]

white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

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

III, III

Site ID # \_\_\_\_\_ Site Name SP Property Today's Date 9/14/89

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 1399 Wood St

City Oakland Zip 94608 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

Page 2 of 2

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

II.B ACUTELY HAZ. MATLS

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

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

- Monitoring for Existing Tanks
- \_\_\_ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose Semi-annual groundwater One time soils
    - 3) Daily Vadose One time soils Annual tank test
    - 4) Monthly Groundwater One time soils
    - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
    - 6) Daily Inventory Annual tank testing Cont pipe leak det
    - 7) Weekly Tank Gauge Annual tank testing
    - 8) Annual Tank Testing Daily Inventory
    - 9) Other \_\_\_\_\_

- \_\_\_ 7. Precls Tank Test Date: \_\_\_\_\_ 2643
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing . 2646
- \_\_\_ 10. Ground Water. 2647

- New Tanks
- \_\_\_ 11. Monitor Plan 2632
  - \_\_\_ 12. Access. Secure 2634
  - \_\_\_ 13. Plans Submit Date: \_\_\_\_\_ 2711
  - \_\_\_ 14. As Built Date: \_\_\_\_\_ 2635

**Comments:**  
 Tank 2 continued - second soil sample  
 505-T3-6' East + 6' west collected  
 (hold) which consisted of fill material  
 Third sample collected from  
 south wall (not pulled)  
 This south sample collected from west  
 wall containing some foreign material  
 5' west.  
 Tank 1 - No obvious holes in tank.  
 Floating product in excavation water  
 Analysis Required TPH-D + BTX+E  
 sample 505-T1/2 - diesel half sidewall  
 analysis required TPH-E + BTX+E  
 sample 505-T1/2 - gasoline half sidewall  
 (505-T1/2-7'w to hold)  
 A water sample is required following  
 reparging @ excavation.

Rev 6/88

505-IA-3.5' analysis TPH D + E composite samples will be required of all soil piles.  
 Contact: David Poole

Title: Asst Project Engineer Inspector: \_\_\_\_\_  
 Signature: [Signature] Signature: [Signature]

# Canonie Environmental

Canonie Environmental Services Corp.  
1825 South Grant Street  
Suite 260  
San Mateo, California 94402

Phone: 415-573-8012  
FAX: 415-573-5654

September 12, 1989

Project # V1552890  
Fee Paid \$165.00  
Date 9/15/89

88-149-01

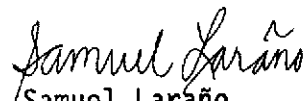
Mr. Dennis Byrne  
Hazardous Materials Specialist  
Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Transmittal  
Permit Fee for Underground Tank Closure  
Southern Pacific Transportation Company Facility  
Oakland, California

Dear Mr. Byrne:

In accordance with our recent phone conversation, please find enclosed a check for the permit fee for underground tank closure at the Southern Pacific Transportation Company facility located at 1399 Wood Street in Oakland, California. The fee is sent to cover an additional tank found during a site visit on September 7, 1989. The tank is approximately 10,000 gallons in capacity and the former product was diesel.

Very truly yours,

  
Samuel Laraño  
Engineer

SL/as

Enclosure

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621**

**PHONE NO. 415/271-4320**

Project # U552876  
 Fee Paid \$498.  
 Date 8/31/89

DEPARTMENT OF ENVIRONMENTAL HEALTH  
 470 - 27th Street, Third Floor  
 Oakland, CA 94612  
 Telephone: (415) 974-7297

ACCEPTED

4/1/89  
 SGR

ISSUANCE OF A PERMIT TO OPERATE IS DEPENDENT ON COMPLIANCE WITH ACCEPTED PLANS AND ALL APPLICABLE LAWS AND REGULATIONS.  
 THESE ARE GENERAL INFORMATION ONLY.  
 OVAL INFORMATION ONLY

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by the Department are to assure compliance with State and local laws. The project proposed herein is not subject for issuance of any required building permits or certificates of removal.  
 One copy of these accepted plans must be on file and available to all contractors and craftsmen involved with the removal.  
 Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:  
 Removal of Tank and Piping  
 Sampling  
 Final Inspection

**UNDERGROUND TANK CLOSURE/MODIFICATION PLANS**

1. Business Name Southern Pacific Transportation Company  
 Business Owner Southern Pacific Transportation Company
2. Site Address 1399 Wood Street  
 City Oakland Zip 94607 Phone (415) 541-2385
3. Mailing Address One Market Plaza, Room 1004  
 City San Francisco Zip 94105 Phone (415) 541-2385
4. Land Owner Southern Pacific Transportation Company  
 Address Same As Above City, State \_\_\_\_\_ Zip \_\_\_\_\_
5. EPA I.D. No. CAD 000628198
6. Contractor Canonie Environmental Services Corp.  
 Address 1825 South Grant Street, Suite 260  
 City San Mateo, CA 94402 Phone (415) 573-8012  
 License Type A ID# 510801
7. Consultant \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation

Name Lance D. Geselbracht, P.E. Title Project Manager  
Phone (415) 573-8012

9. Total No. of Tanks at facility 2

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Erickson, Inc. EPA I.D. No. CAD00009466392  
Address 255 Parr Boulevard  
City Richmond, State CA Zip 94801

b) Rinsate Transporter

Name (same as above) EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

c) Tank Transporter

Name (same as above) EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

d) Tank Disposal Site

Name (same as above) EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

e) Contaminated Soil Transporter

Name (same as above) EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

12. Sample Collector

Name On-site Engineer  
 Company Canonie Environmental Services Corp.  
 Address 1825 South Grant Street, Suite 260  
 City San Mateo, State CA Zip 94402 Phone (415) 573-8012

13. Sampling Information for each tank or area

Tank or Area 1399 Wood Street, Oakland, CA		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
Tank 1: 10,000 gallons	Regular Gasoline	} 1 tank 15-20,000 gal	
Tank 2: 10,000 Gallons	Diesel Fuel		
Tank 3	possibly waste oil		
Tank 4	10,000 gal possibly diesel		

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

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

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

If yes, describe. 20 lbs. of dry ice per 1000 gallons  
 \_\_\_\_\_  
 \_\_\_\_\_

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

16. Laboratories

Name Canonie Laboratory  
 Address 212 Frank West Circle, Suite A  
 City Stockton State CA Zip 95206  
 State Certification No. 155



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
Regular Gasoline: Total Volatile Petroleum Hydrocarbons (TVPH)	Method 5030 gas chromatograph flame ionization detector	EPA Method 8015
Benzine, toluene, ethyl benzene, and xylene (BTEX)		EPA Method 8020
Organic Lead		
Diesel Fuel: Total Extractable Petroleum Hydrocarbons (TEPH)	Method 5030 gas chromatograph flame ionization detector	EPA Method 8015

18. Submit Site Safety Plan

19. Workman's Compensation:      Yes       No

Copy of Certificate enclosed?      Yes       No

Name of Insurer Home Insurance Company

20. Plot Plan submitted?      Yes       No       See Work Plan

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 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) Lance D. Geselbracht, P.E.

Signature *Lance D. Geselbracht*

Date 8-30-84

Signature of Site Owner or Operator

Name (please type) Southern Pacific Transportation Company, Tim Becker

Signature *Tim Becker for Lance D. Geselbracht*

Date 8-30-84

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.

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

rev. 9/88  
mam

# Canonie Environmental

5th + 7th  
LS 3/22/89

Canonie Environmental Services Corp.  
1825 South Grant Street  
Suite 260  
San Mateo, California 94402  
Phone: 415-573-8012  
FAX: 415-573-5654

May 11, 1989

5/17/89  
ALAMEDA COUNTY  
DEPT. OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS

87-055-37

Mr. Rafat A. Shahid  
Alameda County Health Care Services  
Dept. of Env. Health, Haz. Mat. Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Transmittal  
Southern Pacific Transportation Company  
Underground Storage Tank Removal  
Oakland, California

Dear Mr. Shahid:

On behalf of Southern Pacific Transportation Company, we are submitting the Final Site Report for the underground storage tank removal that was done by Canonie Environmental Services Corp. for Southern Pacific. If you have any questions regarding the Final Site Report, please call us.

Very truly yours,



Alan Muellerleile  
Project Engineer



Lance D. Geselbracht, P.E.  
Project Manager

AM/LDG/as

cc: Tim Becker, Southern Pacific Transportation Company

Attachment

# AGORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

March 2, 1989

**PRODUCER**  
**MARSH & McLENNAN**  
150 Riverfront Plaza  
Grand Rapids, Michigan 49503-2692

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**  
**CANONIE ENVIRONMENTAL SERVICES, CORP.**  
800 Canonie Drive  
Porter, Indiana 46304

- COMPANY LETTER **A** Planet Insurance Company
- COMPANY LETTER **B** Home Indemnity Company
- COMPANY LETTER **C** Industrial Indemnity
- 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	
<b>A</b>	<input checked="" type="checkbox"/> GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT	NG1259062-89	02/28/89	02/28/90	GENERAL AGGREGATE	\$1,000
					PRODUCTS-COMP/OPS AGGREGATE	\$1,000
					PERSONAL & ADVERTISING INJURY	\$1,000
					EACH OCCURRENCE	\$1,000
					FIRE DAMAGE (Any one fire)	\$ 50
					MEDICAL EXPENSE (Any one person)	\$ 5
<b>B</b>	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY <input checked="" type="checkbox"/> Incl. MCS 90 Endorsement	BAF 160633	02/28/89	02/28/90	COMBINED SINGLE LIMIT	\$ 1,500
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE	\$
					EACH OCCURRENCE	\$
<b>B</b>	EXCESS LIABILITY				AGGREGATE	\$
					OTHER THAN UMBRELLA FORM	\$
						\$
<b>B</b>	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WCL 16 6402-01	02/28/89	02/28/90	STATUTORY	\$ 1,000 (EACH ACCIDENT)
						\$ 1,000 (DISEASE - POLICY LIMIT)
						\$ 1,000 (DISEASE - EACH EMPLOYEE)
<b>C</b>	OTHER					

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

Regarding: Project Number: 87-055.112

### CERTIFICATE HOLDER

ALAMEDA COUNTY HEALTH DEPT.  
Hazardous Materials Division  
80 Swan Way, Room 28  
Oakland, California 94621  
Attention: Ms. Mary Newman Carter

### CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 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

*Robert L. White*



3-29-89 "Final Site Rep" by Canonic  
 (7-1-88 UST removed)

9-1-89 Closure plan accepted - 2 USTs

Tank # 1	10,000-gal reg. gas	} 1 tank
# 2	10,000-gal D	
3	maybe w.o.	
4	10,000-gal maybe D.	

DB's ~~has~~ ~~not~~ changes

9-14-89 Al Co inspj report.  
 Removal of 3 USTs.

# 1	15-20,000-gal D/G (no holes, prod in H <sub>2</sub> O in pit)
# 2	10,000-gal D (no holes; product on H <sub>2</sub> O in pit)
# 3	500-gal w.o. (ruptured)

up to ~~or~~ 9400 ppm TPH-d (#2 tank) (our lab)

4-28-92 no lab results from them  
 no overex to < 1000 ppm.