

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

April 19, 2002
RO0000381

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

Re: Union Pacific Railroad Site, 5th Ave. and 7th St., Oakland CA 94606

Dear Mr. Grant:

Alameda County Environmental Health has received concurrence from the San Francisco Regional Water Quality Control Board with our recommendation for closure of the above referenced former underground tank site. Prior to formal closure, our office requires verification of proper abandonment of the three monitoring wells at the site. You were previously advised of this requirement in Mr. Larry Seto's October 16, 2000 letter. Please provide a copy of the well closure report as soon as possible. You may contact the Water Resources Section of the Public Works Agency at (510) 670-5554 for permit requirements.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

W1el 5th&7th Ave

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

October 16, 20000

Mr. Mike Grant
49 Stevenson Street, 15th Floor
San Francisco, CA 94105
STID 3748

RE: Union Pacific, 5th Ave. & 7th St., Oakland, CA 94606

Dear Mr. Grant:

This office and the San Francisco Regional Water Quality Control Board have reviewed the case closure summary for the above referenced site. We concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the on-site monitoring wells must be decommissioned, if they will no longer be used for monitoring. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works by contacting them at (510) 670-5248.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Leroy Griffin, City of Oakland Fire Services, 1603 Martin Luther King,
Oakland, CA 94612

Files

Facsimile**Environmental
Resources
Management**

To: Larry Seto

Company: Alameda County

Fax number: 510 337 9335

From: John D'Agostino

File number: 8033

Date: 3/30/00

Number of pages: 2 including cover sheet

1777 Botelho Drive
Suite 260
Walnut Creek, CA 94596
(925) 946-0455
(925) 946-9968 (fax)

**ERM.**

Larry - Here is a copy of the table that the Tier 1 RBSL values are from. This was taken from the ASTM standard guide for RBCA Applied @ Petroleum Sites (E1739-95). In addition, I reviewed the Cannonie Envir. Report and there was no mention of pipes associated with the tanks. Therefore I believe that none existed at the time of removal. Please call if you have any questions

John

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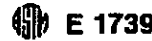


TABLE X2.1 Example Tier 1 Risk-Based Screening Level (RBSL) Look-up Table^a

NOTE—This table is presented here only as an example set of Tier 1 RBSLs. It is not a list of proposed standards. The user should review all assumptions prior to use. Appendix X2 describes the basis of these values.

Exposure Pathway	Receptor Scenario	Target Level	Benzene	Ethylbenzene	Toluene	Xylenes (Mixed)	Napthalenes	Ba (a)(1)
Air								
Indoor air screening levels for inhalation exposure, $\mu\text{g}/\text{m}^3$	residential	cancer risk = $1\text{E}-06$	3.92E-01					1.86E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	3.92E+01					1.86E-01
Outdoor air screening levels for inhalation exposure, $\mu\text{g}/\text{m}^3$	commercial/ industrial	cancer risk = $1\text{E}-06$	4.93E-01	1.39E+03	5.56E+02	9.73E+03	1.95E+01	2.35E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	4.93E+01	1.46E+03	5.84E+02	1.02E+04	2.04E+01	2.35E-01
Outdoor air screening levels for inhalation exposure, $\mu\text{g}/\text{m}^3$	residential	cancer risk = $1\text{E}-06$	2.94E-01					1.40E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	2.94E+01	1.04E+03	4.17E+02	7.30E+03	1.48E+01	1.40E-01
OSHA TWA PEL, $\mu\text{g}/\text{m}^3$	commercial/ industrial	cancer risk = $1\text{E}-06$	4.93E-01					2.35E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	4.93E+01	1.46E+03	5.84E+02	1.02E+04	2.04E+01	2.35E-01
Mean odor detection threshold, $\mu\text{g}/\text{m}^3$ ^b			3.20E+03	4.35E+05	7.53E+05	4.35E+06	5.00E+04	2.00E+04
National indoor background concentration range, $\mu\text{g}/\text{m}^3$ ^c			1.95E+05	3.25E+00 to 2.15E+01	6.00E+03	8.70E+04	2.00E+02	
Soil								
Soil volatilization to outdoor air, mg/kg	residential	cancer risk = $1\text{E}-06$	2.72E-01					RES ^d
		cancer risk = $1\text{E}-04$ chronic HQ = 1	2.73E+01	RES	RES	RES	RES	RES
Soil-vapor intrusion from soil to buildings, mg/kg	commercial/ industrial	cancer risk = $1\text{E}-06$	4.57E-01					RES
		cancer risk = $1\text{E}-04$ chronic HQ = 1	4.57E+01	RES	RES	RES	RES	RES
Surficial soil (0 to 3 ft) (0 to 0.9 m) ingestion/dermal/inhalation, mg/kg	residential	cancer risk = $1\text{E}-06$	5.82E+00					1.30E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	5.82E+02	7.83E+03	1.33E+04	1.45E+06	9.77E+02	1.30E+01
Soil-leachate to protect ground water ingestion target level, mg/kg	commercial/ industrial	cancer risk = $1\text{E}-06$	1.00E+01					3.04E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	1.00E+03	1.10E+03	5.45E+01	RES	1.07E+02	3.04E+01
Soil-leachate to protect ground water ingestion target level, mg/kg	residential	MCLs	2.93E-02	1.10E+02	1.77E+01	3.05E+02	N/A	9.42E+01
		cancer risk = $1\text{E}-06$	1.72E-02					5.50E-01
Soil-leachate to protect ground water ingestion target level, mg/kg	commercial/ industrial	cancer risk = $1\text{E}-06$	5.78E-02	5.75E+02	1.29E+02	RES	2.29E+01	1.85E+01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	5.78E+00	1.61E+03	3.61E+02	RES	6.42E+01	RES
Ground Water								
Ground water volatilization to outdoor air, mg/L	residential	cancer risk = $1\text{E}-06$	1.10E+01					>S ^e
		cancer risk = $1\text{E}-04$ chronic HQ = 1	1.10E+03	>S	>S	>S	>S	>S
Ground water ingestion, mg/L	commercial/ industrial	cancer risk = $1\text{E}-06$	1.84E+01					>S
		cancer risk = $1\text{E}-04$ chronic HQ = 1	>S	>S	>S	>S	>S	>S
Ground water ingestion, mg/L	residential	MCLs	5.00E-03	7.00E-01	1.00E+00	1.00E+01	N/A	2.00E-04
		cancer risk = $1\text{E}-06$	2.94E-03					1.17E-01
Ground water—vapor intrusion from ground water to buildings, mg/L	commercial/ industrial	cancer risk = $1\text{E}-06$	2.94E-01	3.65E+00	7.30E+00	7.30E+01	1.46E-01	1.17E-01
		cancer risk = $1\text{E}-04$ chronic HQ = 1	9.87E-03	1.02E+01	2.04E+01	>S	4.09E-01	3.92E-01
Ground water—vapor intrusion from ground water to buildings, mg/L	residential	cancer risk = $1\text{E}-06$	2.38E-02					>S
		cancer risk = $1\text{E}-04$ chronic HQ = 1	2.38E+00	7.75E-01	3.28E+01	>S	4.74E+00	>S
Ground water—vapor intrusion from ground water to buildings, mg/L	commercial/ industrial	cancer risk = $1\text{E}-06$	7.39E-02					>S
		cancer risk = $1\text{E}-04$ chronic HQ = 1	7.39E+00	>S	8.50E+01	>S	1.23E-01	>S

^a As benzene soluble coal tar pitch volatiles
^b See Ref (22)
^c See Refs (23-25)
^d RES—Selected risk level is not exceeded for pure compound present at any concentration
^e >S—Selected risk level is not exceeded for all possible dissolved levels (\cong pure component solubility)

Facsimile

**Environmental
Resources
Management**

1777 Botelho Drive
Suite 260
Walnut Creek, CA 94596
(925) 946-0455
(925) 946-9968 (fax)

To: Harry Seto

Company: Alameda County Health Dept

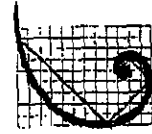
Fax number: (510) 337-9335

From: John D. Agostino

File number: 8033

Date: 3/27/00

Number of pages: 2 including cover sheet



ERM

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Canonie Environmental

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

April 18, 1989

T. P. B.

88-149-07

APR 21 1989

Mr. Tim Becker
Environmental Engineer
Southern Pacific Transportation Company
One Market Plaza, Room 1007
San Francisco, CA 94105

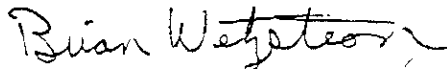
Transmittal
Soil-Disposal Pricing
Southern Pacific Transportation Company Facility
Fifth Avenue and Seventh Street
Oakland, California

Dear Mr. Becker:

Canonie Environmental Services Corp. (Canonie) is submitting the following soil-disposal pricing to Southern Pacific Transportation Company (SPTCo.) for disposal of soil at your facility at Fifth Avenue and Seventh Street in Oakland, California. Approximately 500 cubic yards of soil containing elevated levels of hydrocarbon compounds were stockpiled on-site during underground storage tank removal operations during February 20 to 27, 1989. Canonie estimates that this volume of soil weighs approximately 750 tons. Canonie will provide all services necessary to dispose of this soil on a unit price of [REDACTED] per ton. This unit price includes all loading and hauling costs and disposal fees at the Class I disposal facility at Kettleman Hills, California. Site cleanup and an on-site engineer to supervise operations and handle manifesting are also included.

Canonie is prepared to begin this work immediately upon notice to proceed from SPTCo. If you have any questions, please call us.

Very truly yours,



Brian L. Wetzsteon
Assistant Project Engineer



Lance D. Geselbracht, P.E.
Project Manager

BLW/LDG/as

SA 117498

Facsimile

**Environmental
Resources
Management**

To: Larry Seto

Company: Alameda County Health Dept

Fax number: (510) 337-9335

From: John D'Agostino

File number: 8033

Date: 3/24/00

Number of pages: 4 including cover sheet

1777 Botelho Drive
Suite 260
Walnut Creek, CA 94596
(925) 946-0455
(925) 946-9968 (fax)



ERM.

Larry -

Here is a copy of the Hazardous waste
Manifests for soil removal actions at the
Southern Pacific RR (now Union Pacific RR) site
at 5th & 7th street in Oakland, CA.

Please call me if you have any additional
information

John

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CERTIFICATE OF NON-HAZARDOUS WASTE

Southern Pacific Transportation Company, here called "Generator" has contracted with United States Pollution Control, Inc.; here called "Contractor" for transportation, storage, treatment, and disposal of the solid waste described below and Generator hereby certifies and warrants to Contractor that the solid waste to be so disposed of is not "hazardous waste" as that term is defined in Title 42 United States Code §6903, because said waste meets the following conditions:

- a) Said waste is exempt from regulation because it meets the provisions of Title 40 Code of Federal Regulations §261.4, and/or,
- b) Said waste is not listed as a hazardous waste in Subpart D of Title 40 Code of Federal Regulations Part 261 and said waste is not classified as a hazardous waste in Subpart C of Title 40 Code of Federal Regulations Part 261 as a result of actual testing or knowledge of the hazard characteristics of the waste in light of the materials or processes used.

DESCRIPTION OF NON-HAZARDOUS WASTE:

Dirt stained with Bunker "C" oil (petroleum hydrocarbons). California Regulated Waste Only.

ORIGIN OF WASTE:

Underground storage tank removal.

TYPICAL ANALYSIS OF WASTE:

<u>Compound</u>	<u>Concentration or Volume</u>
Total extractable petroleum hydrocarbons -	6,200 ppm to 16,000 ppm

DATED this 15th day of June, 19 89

Southern Pacific Transportation Company
GENERATOR

SA 117500

By Lara Casell
Project Manager
Environmental
Title

HAZARDOUS WASTE PROFILE SHEET

14389

EXHIBIT A TO _____

Contract Dated _____

As prescribed by the Resource Conservation and Recovery Act (Public Law 96-580 Sec. 3004), a detailed chemical and physical analysis must be submitted before USPCI can handle your waste stream. This information is necessary to evaluate whether your waste can safely and economically be transported and disposed in an environmentally sound manner. Be as complete as possible. If an area is not applicable, mark "NA". Should a laboratory analysis be available, please attach it to this form. We can arrange analytical laboratory services, if needed, for an appropriate fee. All information we receive will be held in strictest confidence to protect your interests. **SAMPLE WILL NOT BE PROCESSED UNLESS ALL AREAS OF THIS SHEET ARE PROPERLY FILLED IN.**

Purchase Order No. _____

I.O: WPS# _____

Representative JACK RETTENCOURT

I. GENERATOR INFORMATION

Name of Company Southern Pacific Trans. Co.
 Facility Address 5th Ave. and 7th St.
Oakland, CA
 Mailing Address Southern Pacific Trans. Co.
One Market Plaza, Room 1007
San Francisco, CA 94105
 Invoice Directions Attn: Tim Becker

() Check if conditionally small quantity generator per 40 CFR 261.5(a)
 US EPA ID C A D 0 0 0 6 2 8 1 9 8
 Technical Contact Canonie Environmental Services Corp.
 Name Brian Wetzsteon
 Title Asst. Project Engineer
 Telephone (415) 573-8012
 General Contact _____
 Company Name Southern Pacific Trans. Co.
 Name Tim Becker
 Title Environmental Consultant
 Telephone (415) 541-2385

II. SOURCE OF WASTE

Describe the product or business of generator
Petroleum Hydrocarbon (Bunker "C" Oil)
Contaminated Soil
 Describe the waste generating process
Underground Storage Tank Removal

Estimate rate of waste generated 750 lbs. tons/yr gal/yr
 drums/yr One time only
 Is the waste from a RCRA or CERCLA corrective action order? Yes No
 (Check One)
 Is EPA the generator? Yes No
 Is the generator an EPA contractor? Yes No
 Is the State the generator? Yes No
 Is the generator a State contractor? Yes No
 Is the generator a private party? Yes No

III. WASTE PROPERTIES

Physical state at room temperature Solid Liquid Sludge
 Is the waste an Aqueous (water) Solution Yes No
 pH Range: (circle one) ≤ 2 2-4 5-8 8-12.5 ≥ 12.5
 OTHER PHYSICAL PARAMETERS:
 Color Black Density 110 pcf Odor (optional) NA
 Is the waste contaminated Soil Debris
 Describe Oil - Stained Soil/Dirt

Chemical Composition and Constituents (X)% (must total 100%) (List all known)	Range	
	Lower	Upper
Soil	(98)	(100)
Petroleum Hydrocarbon(oil)	(2)	(0)
_____	()	()
_____	()	()
_____	()	()
_____	()	()

IV. D-CODED HAZARDOUS WASTE (40 CFR 261 SUBPART C) The concentrations referred to in items 4 through 17 are those determined to be EP Toxic.

Each item below must be circled yes or no

Item	D-Code	Parameter	Circle One	Item	D-Code	Parameter	Circle One
1.	D001	Ignitable $\leq 140^\circ\text{F}$	Yes (No)	10.	D010	Selenium ≥ 1.0 mg/l	Yes (No)
2.	D002	Corrosivity ≤ 2.0 or ≥ 12.5	Yes (No)	11.	D011	Silver ≥ 5.0 mg/l	Yes (No)
3.	D003	Reactivity	Yes (No)	12.	D012	Endrin ≥ 0.02 mg/l	Yes (No)
4.	D004	Arsenic ≥ 5.0 mg/l	Yes (No)	13.	D013	Lindane ≥ 0.4 mg/l	Yes (No)
5.	D005	Barium ≥ 100 mg/l	Yes (No)	14.	D014	Methoxychlor ≥ 10.0 mg/l	Yes (No)
6.	D006	Cadmium ≥ 1.0 mg/l	Yes (No)	15.	D015	Toxaphene ≥ 0.5 mg/l	Yes (No)
7.	D007	Chromium ≥ 5.0 mg/l	Yes (No)	16.	D016	2, 4-D ≥ 10 mg/l	Yes (No)
8.	D008	Lead ≥ 5.0 mg/l	Yes (No)	17.	D017	2, 4, 5-TP Silvex ≥ 1.0 mg/l	Yes (No)
9.	D009	Mercury ≥ 0.2 mg/l	Yes (No)				

V. LISTED F, K, U, AND/OR P HAZARDOUS WASTES

This waste stream does not contain any F, K, U or P listed waste either in pure form, as a mixture, or as a treatment residue (i.e. ash, leachate, soil cleanup, etc.) except as listed below

F, K, U or P hazardous waste present? Yes No

List the waste codes if any here NA

"Waste water" is defined by EPA as having less than 1% filterable solids and less than 1% total organic carbon, for the first three wastes

Is this waste a "waste water"? Yes No

Has this waste been treated to meet the applicable standards of Table CCWE and CCW? Yes No

Does this waste meet the applicable standards of Table CCWE and CCW without treatment? Yes No

Is this a mixed hazardous waste and PCB waste that has been treated in a high efficiency boiler, incinerator or other thermal treatment unit? Yes No

If this waste is K061 then list the zinc concentration here NA mg/kg

SA 117501

VI. CALIFORNIA LIST WASTES

< For all liquid hazardous waste including free liquids associated with any sludge or solid, does the liquid contain any of the following parameters in excess of the listed limit? Each item below must be circled yes or no.

Item	Parameter	Limit	Circle One
1	pH	2.0	Yes <input type="radio"/> No <input checked="" type="radio"/>
2	Free Cyanides (per EPA method 9010 or 9012)	1000 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
3	PCBs	50 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
4	Arsenic and/or compounds (as As)	500 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
5	Cadmium and/or compounds (as Cd)	100 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
6	Chromium (VI) and or compounds (as CrVI)	500 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
7	Lead and/or compounds (as Pb)	500 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
8	Mercury and/or compounds (as Hg)	20 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
9	Nickel and/or compounds (as Ni)	134 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
10	Selenium and/or compounds (as Se)	100 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>
11	Thallium and/or compounds (as Tl)	130 mg/l	Yes <input type="radio"/> No <input checked="" type="radio"/>

All yes or no choices must be made. For all wastes attach copy of waste analysis data, if available.

Halogenated Organic Compounds (HOCs)

Does the waste stream contain a total concentration of halogenated organic compounds (see attached list) in excess of 1,000 mg/l.

Yes No

VII. SHIPPING INFORMATION (49 CFR 172)

Proper DOT Shipping Name Hazardous Waste, Solid, N.O.S.
 DOT Hazard Class ORM - E UN/NA Number NA 9189 Reponable Quantity NA
 Method of Shipment () Bulk Liquids () Bulk Solids
 () Drums () Other explain _____

Special Handling and Safety Instructions For industrial cell disposal

I certify and warrant that the above information, the information attached, and the waste stream as described is true and correct to the best of my knowledge and ability. Willful or deliberate omissions have not been made. All known and/or suspected hazards have been disclosed. A sample representative of the waste stream has been collected using EPA approved methods and has been or is being sent to the proper facility.

Brian L. Westgate
Signature

ASST. PROJECT ENGINEER
Title

6-7-89
Date

SA 117502

Dear Mr. Seto.

This is in response to your 11/30/99 letter regarding the subject UST site.

Union Pacific Railroad Company is the sole owner of the property where the subject USTs were located.

Should you have any questions, please don't hesitate to call me at 415-541-7021.

Regards,

Mike Grant
Manager Environmental Site Remediation
Engineering Department
Union Pacific Railroad Company
49 Stevenson Street, 15th Floor
San Francisco CA 94105



UNION PACIFIC RAILROAD

Facsimile Transmission

From: Michael J. Grant

To: Name: **Larry Seto**
Fax Number: **915103379335**

Subject:

UPRR UST (STID 3748) Site at 5th Ave. and 7th St., Oakland, CA - HS

Date and time of transmission December 17, 1999 at 18:18
Number of pages including this cover sheet 2

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



November 30, 1999

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, 15th Floor
San Francisco, CA 94105
STID 3748

INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS
REQUIRED OR ISSUE A CLOSURE LETTER FOR UNION PACIFIC RAILROAD
@ 5TH AVENUE & 7TH STREET, OAKLAND, CA 94606

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,

Thomas Peacock
Manager, LOP

cc Chuck Headlee, RWQCB
Leroy Griffin, City of Oakland Fire Department, 505-14th Street, 7th Floor,
Oakland, CA 94612
Larry Seto, Alameda County Environmental Health
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

November 30, 1999

Mr. Mike Grant
Union Pacific Railroad
49 Stevenson Street, 15th Floor
San Francisco, CA 94105
STID 3748

RE: Union Pacific Railroad, 5th Avenue & 7th Street, Oakland, CA 94606

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: Union Pacific Railroad, 5th Avenue & 7th Street, Oakland, CA 94606
November 30, 1999
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

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 0 <u>3</u> <u>0</u> <u>3</u> <u>9</u> <u>9</u>		CASE # _____		SIGNED: _____ DATE: <u>10-5-99</u>		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT John D'Agostino		PHONE (925) 946-0455		SIGNATURE _____	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER _____		COMPANY OR AGENCY NAME Environmental Resources Management			
	ADDRESS 1777 Botelho Drive, Suite 260 Walnut Creek CA 94596					
RESPONSIBLE PARTY	NAME <u>Union Pacific Railroad</u> <u>Southern Pacific Transportation</u> <input type="checkbox"/> UNKNOWN		CONTACT PERSON Mike Grant		PHONE (415) 541-7021	
	ADDRESS 44 Stevenson Street, 15th Floor San Francisco CA 94105					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) _____		OPERATOR _____		PHONE ()	
	ADDRESS 5th Avenue & 7th Street Oakland CA 94606					
	CROSS STREET _____					
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Environmental Health Services		AGENCY NAME _____		CONTACT PERSON Larry Seto	
	REGIONAL BOARD _____ PHONE (510) 567-6779					
SUBSTANCES INVOLVED	(1) NAME Diesel Oil				QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN	
	(2) NAME Bunker "C" Oil				QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <u>2</u> <u>1</u> <u>5</u> <u>8</u> <u>9</u>		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER _____			
	DATE DISCHARGE BEGAN _____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER _____			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 <u>2</u> <u>2</u> <u>3</u> <u>8</u> <u>9</u>					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER _____		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____			
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO-DEGRADATION (BT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input checked="" type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACTIVE (VE) <input type="checkbox"/> OTHER (OT) _____					
COMMENTS	Removal of UST, impacted soil and ground water has been completed. In addition, quarterly monitoring of ground water in the vicinity of the USTs has been completed. This form has been prepared in support of site closure.					

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



February 18, 1999

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

Mr. John D-Agostino
EMR West
1777 Botelho Drive, Suite 260
Walnut Creek, CA 94596

RE: Union Pacific, 5th Avenue & 7th Street, Oakland, CA 94606

Dear Mr. D-Agostino:

As per our telephone conversation today, please submit the following items to my office to assist me in completing the case closure summary for the above site.

- 1) Completed copy of an Unauthorized Release Form
- 2) Copies of manifest(s) and/or receipt(s) for disposal of the underground tanks, impacted soil and impacted groundwater
- 3) Copy of the original certified laboratory results for soil samples taken after the overexcavation performed on February 1989 for Oil & Grease, BTEX.

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

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Craig Denny, Union Pacific Railroad, 1416 Dodge Street, Room 930
Omaha, NE 68179

Environmental
Resources
Management

26 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
Southern Pacific Transportation Company
5th Avenue and 7th Street
Oakland, California

Dear Ms. Logan:

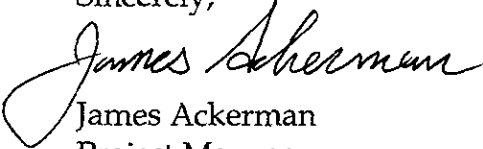
On behalf of Southern Pacific Transportation Company, Environmental Resources Management (ERM) is submitting this correspondence to clarify the omission of a possible exposure pathway from the risk assessment portion of the: *Request for Site Closure, Southern Pacific Transportation Company, 5th Avenue and 7th Street - Oakland, California* dated April 24, 1997.

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 the former tank site is located within the East Oakland railyard. No structures currently exist over the site, and no structures are planned to be built over the site in the foreseeable future. This is corroborated by the enclosed letter signed by Craig Denny of Union Pacific Railroad Company dated March 19, 1998.

Ms. Madhulla Logan
26 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/8033.41

enclosure

cc: Craig Denny, Union Pacific Railroad
Doug Hodson, Environmental Resources Management

UNION PACIFIC RAILROAD COMPANY

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



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

G. (GLENN) THOMAS
Director-Environmental Operations South
S. W. (STEVE) BERKI
Director-Environmental Operations-Central
L. A. (LANNY) SCHMID
Director-Environmental Operations-West
B. A. (BROCK) NELSON
Director-Environmental Operations-North
R. L. (RICK) EADES
Director-Environmental Site Remediation

RECEIVED
MAR 23 1998

ERM-WEST FILE #
WALNUT CREEK, CA _____

March 19, 1998

Ms. Madhulla Logan
Alameda County

RE: 5th & 7th LUST Closure, Oakland, CA.

As per your request through James Ackerman (ERM West), I am responding with a letter to outline some history and future plans for the railroad yard. The site is currently a railroad yard. There are no structures existing over the LUST location. In addition, there is not anticipated to be any structures placed over this area in the future.

If you have any questions, or require any additional information, please feel free to contact me. I can be reached at 402.271.3248.

Sincerely,

A handwritten signature in black ink, appearing to read "Craig Denny".

Craig Denny

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



January 9, 1997
STID 3748

Attn: Mike Grant
Southern Pacific Railroad Co.
1 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: Southern Pacific Railroad Co. Site, 5th Ave. And 7th St., Oakland CA 94606

Dear Mr. Grant,

Since our last letter to you, dated 11/7/95 (signed by Dale Klettke), the "Request for Site Closure," prepared by Terranext, dated 12/5/96, was finally received in this office on 12/10/96. This report includes results from fourth quarter 1995 monitoring well sampling, as well as the "Hydropunch" investigation which occurred at this site in November 1995 and again in March 1996. I have reviewed these results.

This case will be evaluated for closure as soon as possible. I currently have approximately 15 to 20 cases that need to be evaluated for closure.

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

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 3748-A

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

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

STID 3748

November 7, 1995

Attn: Mike Grant
Southern Pacific Railroad Company
One Market Plaza
San Francisco, CA 94105

RE: SOUTHERN PACIFIC RAILROAD SITE, 5TH AVE. AND 7TH ST. OAKLAND, CA

Dear Mr Grant,

This letter is in specific reference to my November 7, 1995 telephone conversation with you concerning the September 27, 1995 work plan addendum and fourth quarter 1995 groundwater monitoring for the above referenced site. You requested that fourth quarter 1995 groundwater sampling and analysis be postponed until after the results of the hydropunch investigation. This investigation proposes the collection of a grab groundwater sample immediately to the northeast of the revised former UST location. This location is approximately 240 feet further west than previously identified.

All three groundwater monitoring wells have been non-detect for the targeted compounds TPHd, TPHmo and BTEX for the six consecutive sampling events, with the exception of monitoring well MW-2, which detected 750 ppb-TPHmo for the 8/16/94 sampling event.

The postponement of the sampling and analysis for the three groundwater monitoring wells MW-1, MW-2 and MW-3 is approved for the 4th quarter 1995 only, pending results of the hydropunch investigation. Please continue to collect groundwater level measurements in all three wells.

Please be advised that results of the hydropunch investigation may require the need for further remediation and/or assessment. This is mainly due to the fact that the original wells were installed in locations approximately 240 feet west of the previously identified location of the former USTs. This new location is approximately 270 feet west of the "inferred" downgradient monitoring well MW-1

I am temporary covering for Jennifer Eberle in her absence. Please feel free to call me directly at (510)567-5880 with any of your questions or comments concerning this site.

Mike Grant
RE: 5th Avenue and 7th Street, Oakland
November 7, 1995
Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Dale Klettke". The signature is written in black ink and includes a long horizontal flourish extending to the right.

Dale Klettke, CHMM
Hazardous Materials Specialist

c: James Ackerman, IC, PO Box 24374, Oakland, CA 94623-1374
Richard Bateman, IC, 9838 Old Placerville Road, Suite 100, Sacramento, CA 95827-3559
Thomas Peacock--files

3748gwok.jet



STID 3748

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

(510) 567-6777

November 3, 1995

Attn: Mike Grant
Southern Pacific Railroad Company
One Market Plaza
San Francisco, CA 94105

RE: SOUTHERN PACIFIC RAILROAD SITE, 5TH AVE. AND 7TH ST. OAKLAND, CA

Dear Mr Grant,

I am receipt of the following reports prepared by Industrial Compliance (IC):

- 1) "First Quarter 1995, Groundwater Monitoring Report" dated 6/16/95
- 2) "Second Quarter 1995, Groundwater Monitoring Report" dated 8/4/95
- 3) "Addendum to Workplan Dated July 13, 1995" dated 9/27/95

This letter is in specific reference to the September 27, 1995 work plan addendum. This addendum to the original July 13, 1995 work plan proposes the collection of a grab groundwater sample immediately to the northeast of the revised former US location. This location is approximately 240 feet further west than previously identified.

The addendum to the July 13, 1995 work plan is approved.

I am temporary covering for Jennifer Eberle in her absence. Please feel free to call me directly at (510)567-5880 with any questions or comments concerning this site.

Sincerely,

Dale Klettke, CHMM
Hazardous Materials Specialist

c James Ackerman, IC, PO Box 24374, Oakland, CA 94623-1374
Richard Bateman, IC, 9838 Old Placerville Road, Suite 100, Sacramento, CA 95827-3559
Thomas Peacock--files

3748wpok.jet

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

May 31, 1995
STID 3748

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: Mike Grant
Southern Pacific Railroad Co.
1 Market Plaza
San Francisco CA 94105

RE: Southern Pacific Railroad Co. Site, 5th Ave. And 7th St., Oakland CA 94606

Dear Mr. Grant,

I am in receipt of the following reports prepared by IC:

- 1) "Fourth Quarter 1994, Ground Water Monitoring Report," dated 3/29/95
- 2) "Third Quarter 1994, Ground Water Monitoring Report," dated 3/1/95
- 3) "Soil and Groundwater Investigation Report," dated 9/2/94

I have reviewed these reports and have the following comments:

- a) Groundwater flow direction has shifted over time. Groundwater flowed North on 4/28/94, Northeast on 8/16/94, and South on 11/9/94. As per a telephone conversation with James Ackerman of IC today, groundwater flowed Northeast in February 1995, and East in May 1995. These two quarterly reports will be submitted to this office shortly.
- b) The groundwater elevation (GWE) in MW1 has fluctuated rather significantly: 3.52 feet (above msl) on 4/28/94, -2.30 ft on 8/16/94, and 6.12 ft on 11/9/94.
- c) Monthly GWE measurements are strongly recommended for this site, in order to better understand trends in groundwater flow direction.
- d) The triangulation of the 3 monitoring wells is far from ideal both for determining groundwater flow direction, and for detection of groundwater contamination that may be emanating from the former UST pit [It has been noted in the 9/2/94 IC report (page 11) that access was restricted in the originally proposed locations of MW2 and MW3. These wells were subsequently located approximately 300' west]

May 31, 1995
STID 3748
Attn: Mike Grant
page 2 of 2

For this reason (item d), you are requested to determine the feasibility of conducting further groundwater sampling directly south of the former USTs. This sampling may consist of grab groundwater sampling, thus allowing easier access via a smaller rig. Please contact me at least 3 business days ahead of the date of field activities, so I may accompany your representative during the site reconnaissance. Please submit a report of findings within 45 days from the date of this letter, or by July 14, 1995.

Future quarterly reports need not include the Background Section; this is the case for all your sites. Double-sided reports are also encouraged—to conserve paper resources.

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

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

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

je.3748



Industrial Compliance

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

October 4, 1993

IC Project Nos. 05100032
05100269
05100535
05100549
05100550

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

VIA FACSIMILE

Re: **Oakland Projects - Schedules**
Southern Pacific Transportation Company
Oakland, California

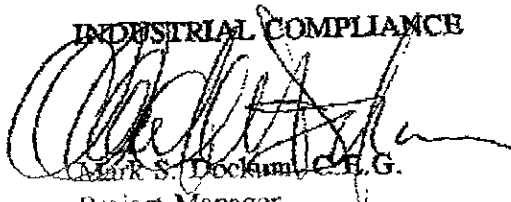
Dear Ms. Eberle:

Attached, please find draft project schedules for the following Southern Pacific Transportation Company (SPTCo) Oakland sites:

- * 721 Cedar Street (IC project number 05100550) *3681 3706*
- * 1912 Seventh Street (IC project number 05100549) *3681*
- * 5th and Kirkham (IC project number 05100032) *3725*
- * 1399 Wood Street (IC project number 05100535) *3824*
- * 5th and 7th Street (IC project number 05100269) *3748*

Please review these schedules and provide me with any questions/comments you may have.

Sincerely,

INDUSTRIAL COMPLIANCE

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

Post-It™ brand fax transmittal memo 7671		# of pages	11
To	Jennifer Eberle		
By	Alameda Co.		
Dept.	Env. Health		
From	Mark Dockum		
Co.	IC		
Phone #	916 369 8377		
Fax #	916 369 8370		



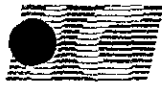
Ms. Jennifer Eberle
October 4, 1993
Page 2

Attachments

cc: Mr. Greg Shepherd, Southern Pacific Transportation Company (with attachments)

10-6-93 spoke w/ Jim Jensen of IC re ① the extremely long period of time bet. sample + submitg reports (3-4 1/2 months)!
② missing AlCo letters
③ 1st round ~~for~~ QS ?





93 OCT -4 PM 2: 10

September 30, 1993

IC Project Nos. 05100032, 05100269
05100535, 05100549
and 05100550

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

VIA FACSIMILE

**Re: Oakland Projects - Status
Southern Pacific Transportation Company
Oakland, California**

Dear Ms. Eberle:

As was discussed in our telephone conversation of September 28, 1993, the following is a status report for the 5 Southern Pacific Transportation Company (SPTCo) projects that the Alameda County Health Care Services Agency Hazardous Materials Division (the County) is currently performing oversight responsibilities on in the Oakland area.

Project No. 05100549 - 1912 Seventh Street Property: 3681

A workplan has been submitted to and approved by the County (work plan dated April 16, 1993, workplan entitled: *Soil Remediation and Investigation Workplan - Revised*). The approval letter from the County was dated May 3, 1993. IC anticipates initiating fieldwork during the week of October 23, 1993. A detailed schedule will be submitted under separate cover by October 4, 1993.

Project No. 05100032 - 5th and Kirkham Streets Property: 3725

A bioremediation workplan has been submitted to and approved by the County (workplan dated May 16, 1991, workplan entitled: *Soil Remediation Workplan*). The approval letter from the County was dated June 21, 1991.

Bioremediation of the stockpile occurred, however, due to site requirements, the stockpile was disposed of offsite. During October of 1991, this stockpiled soil was removed from the property, and brought to: the Forward Inc. Landfill (TPH affected soil); Kettleman Hills Treatment Facility (Pesticide affected soil)

Ms. Jennifer Eberle
September 30, 1993
Page 2

IC will prepare a report summary for the activities carried out at this site. If appropriate, IC will then recommend site closure for this property.

Project No. 05100550 - 721 Cedar Street Property: 3706

A workplan has been submitted to and approved by the County (workplan dated May 28, 1992, entitled: *Site Investigation Workplan*). The approval letter from the County was dated June 18, 1992. A report was then submitted to the County (report dated December 8, 1992, report entitled: *Phase II Soil Investigation Report*), on December 8, 1992.

IC will prepare a workplan for soil remediation, as described in the above report, and submit to the County, in accordance to the schedule to be submitted by October 4, 1993.

Project No. 05100269 - 5th Ave. and 7th Property: 3748

A workplan has been submitted to and approved by the County (workplan dated June 18, 1992, workplan entitled: *Preliminary Site Assessment Workplan*). The approval letter, with conditions/comments, was dated ~~August 7, 1992~~ ^{don missing 8-7-92}. A workplan addendum (addendum dated October 26, 1992, addendum entitled: *Workplan Addendum*), was then prepared, which addressed the County's comments. Both the Preliminary Site Assessment Workplan and the Workplan Addendum were then submitted to the County for final approval on October 26, 1992. Approval for both the workplan and the addendum were granted on November 16, 1992, ~~on the condition that 2 additional monitoring wells be installed on the premises.~~ ¹¹⁻¹⁶⁻⁹²

It is anticipated that IC will begin performing field work during the week of October 23, 1993 in accordance with the schedule to be submitted by October 4, 1993.

01200280-50% Rev. and 7th Property
 PER NO. 3103081210
 10-10-00
 JUL 10-00
 93

ID	Name	Scheduled Start	Scheduled Finish	1994												1995								
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Field Investigations	10/28/93	1/28/94	█																				
2	Preliminary Site Assessment Fieldwork	10/28/93	11/28/93	█																				
3	SPTCo Submits Preliminary Site Assessment Report	1/28/94	1/28/94																					
4	Quarterly Groundwater Reporting	4/1/94	2/15/95	█																				
5	SPTCo Collects 2nd Round Groundwater Samples	4/1/94	8/30/94	█																				
6	SPTCo Submits 2nd Round Groundwater Report	8/15/94	8/15/94	after 8/15/94 next QM?																				
7	SPTCo Collects 3rd Round Groundwater Samples	7/1/94	9/30/94	█																				
8	SPTCo Submits 3rd Round Groundwater Report	11/15/94	11/15/94	after 11/15/94 next QM?																				
9	SPTCo Collects 4th Round Groundwater Samples	10/3/94	12/30/94	█																				
10	SPTCo Submits 4th Round Groundwater Report	2/15/95	2/15/95																					
11	Submit Proposal for Closure Report to County	2/15/95	2/15/95																					

missing 8-7-92 AlCo etc

DRAFT

Project: #05100280-50% Rev. and 7th Property
 Date: 10/4/93

Critical █ Progress █ Summary █
 Noncritical █ Milestone ◆ Rolled Up ◇

Ms. Jennifer Eberle
September 30, 1993
Page 3

Project No. 05100535 - 1399 Wood Street Property: 3824

A workplan has been submitted to and approved by the County (workplan dated June 11, 1992, workplan entitled: *Preliminary Soil Investigation Workplan*). The approval letter from the County was dated June 23, 1992. This workplan included 3 phases: Phase I - completion of soil borings and report preparation, Phase II - implementation of remediation, based on phase I soil investigation, and Phase III - implementation of groundwater investigation, including monitoring well installation and quarterly groundwater reporting.

Fieldwork for phase I (soil borings) was completed, in accordance to the workplan listed above, in October, 1992.

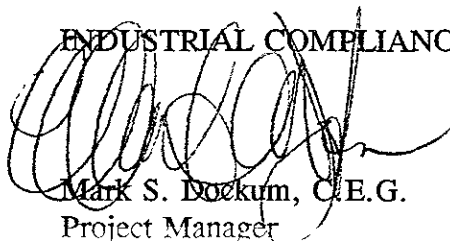
IC will prepare a summary report regarding phase I, of the investigation workplan, listed above. This report will include field procedures, analytical results, conclusions, and an evaluation of remedial options for soil.

Please note, as previously discussed between yourself, Mr. Greg Shepherd of SPTCo, and myself work on these sites was trying to be coordinated with the overall efforts of the I-880 realignment project which effects some of these sites. However, SPTCo will proceed with their work in advance of the I-880 realignment project schedule.

If you should have any further questions regarding this information, or if you would like to discuss this in greater detail, please do not hesitate to contact me at your earliest convenience at (916) 369-8971.

Sincerely,

INDUSTRIAL COMPLIANCE



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

MSD/ekw

cc: Mr Greg Shepherd, Southern Pacific Transportation Company

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

November 16, 1992
STID 3748

Southern Pacific Railroad
ATTN: Ed Banks
1 Market Plaza
San Francisco, CA 94105

RE: 5th Ave. & 7th., Oakland, CA 94606

Dear Ed Banks:

This office has received and reviewed the Workplan for Preliminary Site Assessment by Industrial Compliance dated June 18, 1992 and the Workplan Addendum dated October 26, 1992 concerning the above site. The following comments are to be considered:

1. The proposal to install only 1 well and to use data from wells located over 1/4 mile away is unacceptable. That distance is farther than the distance to the estuary, and Davlin Paint discovered the gradient at their site to be 90 degrees from their initial assumption of gradient direction. The map shows the site being off of 9th St, in error. It should be 8th St.
2. The workplan is accepted provided the proposal be modified to include at least 3 monitoring wells around the area that had contained 4 tanks. Initial sampling that contained 16,000 ppm TEPH would be considered as extensive contamination and 1 well will not adequately portray any impact to groundwater.

Enclosed is a format the Regional Board would like followed for site closure. Thank you for your cooperation. If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

A handwritten signature in dark ink, appearing to read "Thomas Peacock".

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Edgar Howell, Chief - files
Walter Floyd, Industrial Compliance, 9719 Lincoln Village
Dr., Suite 310, Sacramento, CA 95827
Enclosure

**ALAMEDA COUNTY
HEALTH CARE SERVICES**



RECEIVED

AUG 11 1992

August 7, 1992
DAVID J. KEATS, Agency Director

RAFAT A. SHAH, INDUSTRIAL COMPLIANCE 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

Mr. Frank Bozeman
Southern Pacific Railroad
1 Market Plaza, Room 1007
San Francisco, CA 94105.

3748

Re: Workplan for the Preliminary Site Assessment for the SP
Transportation Co. at 5th Ave. and 7th St., Oakland

Dear Mr. Bozeman:

dated 6-18-92

Our office has received and reviewed the Preliminary Site Assessment Workplan for the above referenced site as provided by your consultant, Industrial Compliance (IC). Generally, the workplan submitted is acceptable and may proceed without further notice with the following items discussed with Mr. Walter Floyd of IC, taken into account:

1. In regards to the approximately 500 cubic yards of stockpiled soils currently at this site, the sampling and analyses to be performed will only be used to decide on a remediation method. This method is to be later stated in a workplan for our office's concurrence. In addition, the workplan states that the method for semi-volatiles with a fuel ID will be Method 8270. Please note that Method 8270 is fine for the analysis of semi-volatiles but a modified 8015 (GC-FID) should be used for diesel and heavier range hydrocarbon analysis.
2. The April 3, 1989 report by Canonic Environmental states that six soil samples were taken from the bottom of the excavation pit and analyzed to confirm overexcavation to non-detectable hydrocarbons levels. Please provide a sampling map for these samples.
3. It was agreed that the one monitoring well proposed should not be placed in the excavation pit but in the assumed downgradient location, nearer the RR tracks. It was also agreed that gradient information from sites nearby must be provided to verify the "assumed" gradient direction.

You may contact me at (510) 271-4320 should you have any questions.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

cc: W. Inneson Alameda County District Attorney
...
Sacramento CA 95821

kinko's
the copy center

4765 J STREET
SACRAMENTO, CA 95819
PHONE # (916) 731-4012
FAX# (916) 731-4552

TODAY'S DATE 11-23-93
TIME 1930
PAGES INCLUDING COVER 2

TO
JENNIFER EGGLE

FROM
Jim JENSEN / I.C.

LOCATION
ALAMEDA COUNTY H.C.S.A.
OAKLAND, CALIF.

LOCATION
SACRAMENTO, CALIF.

FAX NUMBER
510-569-4757

COMMENTS Jennifer - I forgot to mail this today so am faxing it tonight. Sorry! (Copies of the 2 letters you requested)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

Certified Mail #P 367 604 506

STID# 3748

April 29, 1992

Frank Bozeman
Southern Pacific Railroad
1 Market Plaza, Room 1007
San Francisco, CA 94105.

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

RE: **Southern Pacific Railroad Site at 5th Ave. and 7th Street,
Oakland, CA**

Dear Mr. Bozeman:

The case file for the above referenced site has recently been reviewed by Britt Johnson, Hazardous Materials Specialist of our staff. Four (4) underground storage tanks were removed from this site in February 1989. Soil samples taken from the bottom of the tank excavation found non detectable levels of benzene, toluene, xylenes and ethyl benzene (BTX&E) and 12 ppm of total extractable petroleum hydrocarbons (TEPH) and from 8 to 43 ppm of total oil and grease (TOG). However soil samples taken prior to the tank removal found TEPH levels ranging from 6,200 to 16,000 ppm.

We have discussed this site with the San Francisco Bay Regional Water Quality Control Board (RWQCB). They concur with us that this site requires further investigation to determine if there is groundwater contamination.

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

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

In order to proceed with a site investigation, you should obtain the professional services of a reputable environmental consultant. All reports and proposals must be submitted under

Mr. Frank Bozeman
April 29, 1992
Page 2 of 3

seal of a California Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer. Please include a statement of qualifications for each lead professional involved with this project.

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

The PSA proposal is due within 45 days of the date of this letter, **or by June 19, 1992**. Once your workplan is approved, field work must commence within 60 days. A report must be submitted within 45 days after completion of this work is complete. Subsequent reports are to be submitted **quarterly** until this is recommended for "sign off" by this Department and approved by the RWQCB. Quarterly reports are due the first day of the second month of each subsequent quarter (i.e., May 1, August 1, November 1, and February 1).

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

- Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- Status of groundwater contamination characterization.
- Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- Recommendations or plans for additional investigative work or remediation.

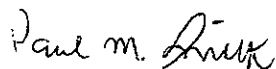
Please be advised that this a formal request for technical reports pursuant to California Water Code Section 13267 (b).

Mr. Frank Bozeman
April 29, 1992
Page 3 of 3

Failure to respond or a late response could result in the referral of this case to the RWQCB for enforcement. The RWQCB can impose civil penalties of up to a \$1,000 per day. Any extensions of stated deadlines, or modifications of the required tasks, must be confirmed in writing by this Department.

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

Sincerely,



Paul Smith
Senior Hazardous Materials Specialist

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

Attachment

BJ

SENDER: 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:
 Frank Bozeman
 Southern Pacific Railroad
 1 Market Plaza, Room 1007
 San Francisco, CA 94105

4. Article Number
 P 367 604 506

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 requested on reverse)



PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865

P 367 604 506 BJ
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 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

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

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Street and No.	
P.O., State and ZIP Code	
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Certified Fee	
Special Delivery Fee	
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Return Receipt showing to whom and Date Delivered	

U.S.G.P.O. 1985
 Form 3900 June 1985



SP ENVIRONMENTAL SYSTEMS, INC.

9719 LINCOLN VILLAGE DR SUITE 310 SACRAMENTO, CA 95827 (916) 369-8971 FAX (916) 369-8370

November 29, 1990

Mr. Larry Seto
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, CA 94621

RE: Notice of Violation
5th Avenue and 7th Street
Oakland, California
SPEvS Project No. 05269

Dear Mr. Seto:

SP Environmental Systems (SPEvS), on behalf of Southern Pacific Transportation Company (SPTCo), is responding to the Notice of Violation (NOV) sent November 19, 1990, concerning a SPTCo site in Oakland, California, at 5th Avenue and 7th Street (site).

The enclosed report, "Completion Report - Underground Storage Tank Removal", provides the information and analytical reports requested in your NOV. Impacted soil identified during the tank removal has been excavated. Twelve confirmation soil samples were collected from the side walls of the tank pit. These samples were analyzed for total extractable petroleum hydrocarbons (TEPH), total oil and grease (TOG), and benzene, toluene, ethyl benzene, and xylenes (BTEX). Laboratory analyses detected 8 to 43 ppm TOG in the soil samples. One soil sample contained 12 ppm TEPH, however, being close to the 10 ppm detection limit the laboratory footnoted the sample as not detected.

Groundwater was initially thought to have been encountered at a depth of 4 feet below ground surface (BGS). To facilitate the excavation, groundwater was pumped out of the tank pit. After three days, there was no recharge of groundwater into the pit. This suggested that the water encountered at four feet, could have been perched water; that is, water that had infiltrated into the tank pit from the surface via the relatively permeable tank pit fill material and was ponding over the less-permeable, surrounding

Bay Mud.

The impacted soils associated with the tank pit have been excavated. Analyses of soil samples collected from the side walls indicate that no significant contamination remains at the site. SPEvS proposes that no additional subsurface soil investigation be required at the site at this time.

The approximate 500 cubic yards of impacted soil removed from the tank pit are presently stockpiled on site. Several different remediation plans are being considered for this stockpiled soil; bioremediation is the favored technology. Prior to implementation of any scope of work, a work plan will be submitted to your office for review.

If there are any questions, please contact me at 916-369-8971.

Sincerely,

A handwritten signature in cursive script that reads "Walter Floyd".

Walter Floyd
Project Geologist

cc: Webb Garey
Dave Long

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J KEARS, Agency Director



Certified Mail #P 062 128 319

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

November 19, 1990

Mr. Tim Becker
Southern Pacific Transportation Co.
One Market Plaza, Room 1007
San Francisco, CA 94105

NOTICE OF VIOLATION

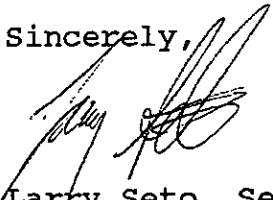
5th Ave and 7th Street, Oakland, CA

Dear Mr. Becker:

On February 21, 1989, four underground tanks were removed from the above site. As of this date, I have not received your soil and groundwater laboratory results. In addition, an investigation plan has not been submitted as mentioned in a letter addressed to me dated February 15, 1989. Please submit to me within thirty (30) days of the receipt of this letter, your laboratory results, the current status of your investigation/remediation, and your investigative plan.

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

Sincerely,


Larry Seto, Senior,
Hazardous Materials Specialist

LS:mnc

cc: Brian Wetzsteon, Canonic
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
RWQCB
Charlene Williams, DOHS
Larry Blazer, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Rafat A. Shahid, Assistant Agency Director, Environmental Health
Files

SENDER: 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:
 MR. Tim Becke
 Southern Pacific Transportation Co.
 One Market Plaza, Room 1007
 San Francisco, CA 94107

4. Article Number
 P062128319

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

ADDRESSEE'S ADDRESS (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 062 128 319

RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

5th One ~~See Postage~~

Sent to	Tim Becke
Street and No.	S.P. 1 MKT Plaza Rm 1007
P.O., State and ZIP Code	SF, 94107
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt (including Postage and Date Delivered)	

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
Agency Director



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

~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~

(415) 271-4320

March 15, 1989

Mr. Tim Becker
Souther Pacific Transportation Co.
One Market Plaza, Room 1007
San Francisco, CA 94105

RE: 5th Ave. and 7th Street, Oakland

Dear Mr. Becker:

As per your discussion and agreement with Larry Seto from our office, on March 13, 1989, two composite samples from the tank pit excavation will be tested from the presence of PCB's. In addition, the material taken from the excavation will also be tested for PCB's in it's pre-disposal analysis. Copies of all laboratory analysis must be submitted to our office.

If you have any questions, please contact Larry Seto, Senior Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Doug Krause, DOHS
Lisa McCann, RWQCB
Brian Wetzsteon, Canone Environmental
Larry Seto, Sr. HazMat Specialist
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
Agency Director



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

February 14, 1989

~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
(415) 271-4320

Mr. Mark Ransom, Asst. Manager
Environmental Engineering
Southern Pacific Transportation Co.
One Market Plaza, Room 1007
San Francisco, CA 94105

RE: SOUTHERN PACIFIC RAILYARD, 5th AVE. & 7TH ST., OAKLAND 94606

Dear Mr. Ransom:

On February 9th and 10th, 1989, Mr. Lance Geselbracht of Canonie Environmental consulted with Larry Seto from our office concerning the underground tank closure plan for the above site. Mr. Geselbracht agreed to provide our office with the following items to assist us in evaluating your plan.

1. Plot plan indicating the locations of your proposed soil sampling,
2. Depth samples will be taken,
3. Contaminants that will be screened in the laboratory analysis,
4. Name of the certified laboratory,
5. Copy of your permit from City of Oakland Fire Department,
6. Copy of your permit from Regional Water Quality Control Board to discharge into the storm drain.

If you have any questions, please contact either Larry Seto or Mary Jo Meyers-Barnes at 415/271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division

Doug Krause, DOHs
Lisa McCann, Regional Water Quality Control Board
Lance Geselbracht, Canonie Environmental

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION

2/17/89
 ACCEPTED
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th Street, Third Floor
 Oakland, CA 94612
 Telephone: (415) 874-7237

470 - 27th St. RM. 322
 OAKLAND, CA 94612
 PHONE NO. 415-874-7237

These plans have been reviewed and found to be acceptable and comply with the requirements of the local health laws. Changes to your plans indicating compliance with State regulations are to ensure compliance with State laws. The best of any required building permits for construction projects, to all contractors and craftsmen involved with this project.

Any change of alterations of these plans and specifications be submitted to this Department and to the Building Inspection Department to determine changes affect the requirements of State and local laws. This Department at least 48 hours prior following required inspections:

- Removal of Tank and Piping
 - Sampling
 - Final Inspection
- Assistance of a Permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Southern Pacific Transportation Company
 Business Owner Southern Pacific Transportation Company
2. Site Address Southern Pacific Railyard at 5th Ave. & 7th St.
 City Oakland Zip _____ Phone _____
3. Mailing Address One Market Plaza, Room 1007
 City San Francisco Zip 94105 Phone (415) 541-2385
4. Land Owner Southern Pacific Transportation Company
 Address One Market Plaza, Room 1007 City, State California Zip 94105
San Francisco
5. EPA I.D. No. CAD000628198
6. Contractor Canonie Environmental Services Corp.
 Address 1825 South Grant Street, Suite 260
 City San Mateo Phone (415) 573-8012
 License Type Engineering A ID# 510801
7. Other (Specify) _____
 Address _____
 City _____ Phone _____

4528211
 750
 1-19-89

8. Contact Person for Investigation

Name Tim Becker Title Environmental Consultant
Phone (415)541-2385

9. Total No. of Tanks at facility 4

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 Trucking EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

b) Rinsate Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank Transporter

Name Erickson Trucking EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

d) Contaminated Soil Transporter

Name Erickson Trucking EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

12. Sample Collector

Name Onsite engineer or geologist
Company Canonie Environmental
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		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
7,000	diesel	soil	Both fill opposite ends of tank 2-4 feet below the tank invert
7,000	diesel	soil	2-4 feet below the tank invert
7,000	diesel	soil	2-4 feet below the tank invert
7,000	diesel	soil	2-4 feet below the tank invert

**ground water if present*

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

If yes, describe. _____

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

If yes, describe. Dry ice
15 lbs per 1000 gallons ∴ 7000 gallon tank requires
a minimum of 105 lbs dry ice

16. Laboratories

Name Canonie Environmental

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
TPH / Diesel	EPA Method 8015 ^{soil} TPH D GC FID(3550) water (3510) water	8015
BTXE	EPA Method 8020 BTX & E (5020) (5030)	8020 soil 602 water
2/21/89 TOG PCB <u>added</u>		

18. Site Safety Plan submitted? Yes [X] No []

19. Workman's Compensation: Yes [X] No []

Copy of Certificate enclosed? Yes [X] No []

Name of Insurer. _____

20. Plot Plan submitted? Yes [X] No []

21. Deposit enclosed? Yes [X] No []

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

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

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

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

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

Signature of Contractor

Name (please type) Lance Geselbracht

Signature Lance Geselbracht

Date 11/5/89

Signature of Site Owner or Operator

Name (please type) Lance Geselbracht for SPTCo.

Signature Lance Geselbracht

Date 11/5/89

NOTES:

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

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

October 23, 1987

87-055.01 ✓

To Whom it May Concern:

This letter will serve as authorization for Canonie Environmental Services Corp. (Canonie) to act as Southern Pacific Transportation Company's agent for obtaining permits, manifests and in other construction activities relative to the removal of underground storage tanks at Southern Pacific Transportation Company sites throughout the state of California.

Signed by

Mark E. Ransom
Asst. Mgr. Envir. Engineering

Name/Title

Southern Pacific Transportation Company

Date

10/27/87

Canonie Environmental

Canonie Environmental Services Corp.
1825 South Grant Street
Suite 260
San Mateo, California 94402
Phone: 415-573-8012
88-149-07

January 17, 1989

Ms. Mary Newman-Carter
Alameda County Health
Hazardous Materials Department
80 Swan Way, Room 200
Oakland, CA 94612

Transmittal
Oakland, California Permit Application
Southern Pacific Transportation Company

Dear Ms. Newman-Carter:

Enclosed please find three work plans, permit application, and fees necessary to obtain approval to remove four underground storage tanks. The tanks are located on Southern Pacific Transportation Company property in Oakland, California. A similar work plan has been sent to the Oakland Fire Department to complete the process needed for tank removal. An expeditious review and approval would be greatly appreciated.

If you should have any questions regarding this matter, please feel free to call.

Very truly yours,


Alan L. Mueller
Project Engineer


Lance D. Geselbracht
Project Manager

ALM/LDG/rr

Enclosures

cc: Sammy Larano, Canonie Environmental Services Corp.
Brian Wetzsteon, Canonie Environmental Services Corp.

ACORD CERTIFICATE OF INSURANCE

PRODUCER

Marsh & McLennan, Inc.
 150 Riverfront Plaza
 Grand Rapids, MI 49503-2692
 Tel. 616/459-4400

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
 NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE
 EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES

COMPANIES AFFORDING COVERAGE

CODE SUB-CODE

INSURED

Canonie Environmental Services Corp.
 800 Canonie Drive
 Porter, Indiana

COMPANY LETTER **A**

Reliance - Planet Insurance

COMPANY LETTER **B**

Home Insurance Company

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE PERIOD OF TIME INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO SUCH POLICIES. CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO THE 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
	GENERAL LIABILITY				
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE OCCUR. OWNER'S & CONTRACTOR'S PROT.	NG 1259062	4/1/88	2/28/89	GENERAL AGGREGATE PRODUCTS-COMP/OPS A. PERSONAL & ADVERTISING EACH OCCURRENCE FIRE DAMAGE (Any one fire) MEDICAL EXPENSE (Any one)
	AUTOMOBILE LIABILITY				
A	<input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS GARAGE LIABILITY	NK 1258564	4/1/88	2/28/89	COMBINED SINGLE LIMIT \$ 1,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	EXCESS LIABILITY				
	OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WCL 166402 WCK 985449 (CA)	4/1/88	2/28/89	STATUTORY \$ 1,000 (E) \$ 1,000 (D) \$ 1,000 (D)

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

Job: Underground Storage Tank Removal
Length: January 15, 1989 to January 21, 1989

Cost \$150,000.

CERTIFICATE HOLDER

Southern Pacific Transportation Co.
 One Market Plaza Room 1007
 San Francisco, CA 94105
 Attn: Ms. Joni F. Hayward

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED PRIOR TO THE EXPIRATION DATE THEREOF THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER. FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Koger A. Webster

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