

**Environmental
Resources
Management**

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

8 March 1999

Mr. Larry Seto
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577



Subject: 5th Avenue and 7th Street
Oakland, CA 94606

Dear Larry:

In response to your letter of 18 February 1999, I am providing you with copies of the following documents:

1. Completed Unauthorized Release Form;
2. Copies of the manifest for disposal of contaminated soils excavated as part of the tank removal;
3. Copies of original laboratory data sheets from BTEX and Oil & Grease soil analyses.

Due to the age of the information related to this project, I was unable to obtain copies of the manifests for disposal of the underground storage tanks (UST) or groundwater in the project files. As stated in the *UST Removal Completion Report*, prepared by Canonie Environmental and dated 3 April 1989, the four USTs were shipped to Erickson, Inc. of Richmond, CA and approximately 4,000 gallons of water and product were disposed of at Petroleum Recycling Corporation of Signal Hill, CA. I attempted to contact both of these companies, however they no longer operate under the names stated in the report. No additional information was discovered regarding the status of these companies.

In addition, the contact at Union Pacific Railroad is no longer Craig Denny. The name and address of the contact for this project is as follows:

Mr. Mike Grant
49 Stevenson Street, 15th Floor
San Francisco, CA 94105
(415) 541-7021

Mr. Larry Seto
8 March 1999
Page 2

Environmental
Resources
Management

If you have any questions regarding this information, please do not
hesitate to call me at (925) 946-0455.

Sincerely,

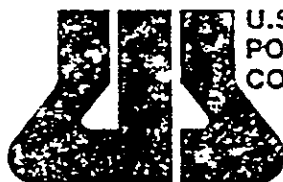


John R. D'Agostino
Senior Geologist

JRD/jrd/8033.41

Enclosures: Unauthorized release form
Soil manifests ?
Laboratory data sheets

cc: Mike Grant, Union Pacific Railroad (without enclosures)



U.S.
POLLUTION
CONTROL, INC.

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 Lance Coallvach
Project Manager
Environmental

HAZARDOUS WASTE PROFILE SHEET

14389

EXHIBIT A TO _____

Contract Dated _____

As prescribed by the Resource Conservation and Recovery Act (Public Law 98-580 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 BETTENCOURT

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

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

Describe the waste generating process
Underground Storage Tank Removal

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 () PPM	
	Lower	Upper
<u>Soil</u>	<u>(98)</u>	<u>(100)</u>
<u>Petroleum Hydrocarbon(oil)</u>	<u>(2)</u>	<u>(0)</u>
_____	()	()
_____	()	()
_____	()	()
_____	()	()
_____	()	()

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 $\geq 1.0 \text{ mg/l}$	Yes (No)
2.	D002	Corrosivity ≤ 2.0 or ≥ 12.5	Yes (No)	11.	D011	Silver $\geq 5.0 \text{ mg/l}$	Yes (No)
3.	D003	Reactivity	Yes (No)	12.	D012	Endrin $\geq 0.02 \text{ mg/l}$	Yes (No)
4.	D004	Arsenic $\geq 5.0 \text{ mg/l}$	Yes (No)	13.	D013	Lindane $\geq 0.4 \text{ mg/l}$	Yes (No)
5.	D005	Barium $\geq 100 \text{ mg/l}$	Yes (No)	14.	D014	Methoxychlor $\geq 10.0 \text{ mg/l}$	Yes (No)
6.	D006	Cadmium $\geq 1.0 \text{ mg/l}$	Yes (No)	15.	D015	Toxaphene $\geq 0.5 \text{ mg/l}$	Yes (No)
7.	D007	Chromium $\geq 5.0 \text{ mg/l}$	Yes (No)	16.	D016	2, 4-D $\geq 10 \text{ mg/l}$	Yes (No)
8.	D008	Lead $\geq 5.0 \text{ mg/l}$	Yes (No)	17.	D017	2, 4, 5-TP Silvex $\geq 1.0 \text{ mg/l}$	Yes (No)
9.	D009	Mercury $\geq 0.2 \text{ mg/l}$	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, spill 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: (as defined by EPA as having less than 1% filterable solids and less than 1% total organic carbon for the first third 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	Yes	Circle One
1	pH	2.0	Yes	<input checked="" type="radio"/> No
2	Free Cyanides (per EPA method 9010 or 9012)	1000 mg/l	Yes	<input checked="" type="radio"/> No
3	PCBs	50 mg/l	Yes	<input checked="" type="radio"/> No
4	Arsenic and/or compounds (as As)	500 mg/l	Yes	<input checked="" type="radio"/> No
5	Cadmium and/or compounds (as Cd)	100 mg/l	Yes	<input checked="" type="radio"/> No
6	Chromium (VI) and or compounds (as CrVI)	500 mg/l	Yes	<input checked="" type="radio"/> No
7	Lead and/or compounds (as Pb)	500 mg/l	Yes	<input checked="" type="radio"/> No
8	Mercury and/or compounds (as Hg)	20 mg/l	Yes	<input checked="" type="radio"/> No
9	Nickel and/or compounds (as Ni)	134 mg/l	Yes	<input checked="" type="radio"/> No
10	Selenium and/or compounds (as Se)	100 mg/l	Yes	<input checked="" type="radio"/> No
11	Thallium and/or compounds (as Tl)	130 mg/l	Yes	<input checked="" type="radio"/> No

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 Reportable 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. Weinstein
Signature

ASST. PROJECT ENGINEER
Title

6-7-89
Date

SA 117502

Laboratory Report for

Mr. Brian Wetzsteon
Canonie Environmental
1825 S. Grant Street, Suite 260
San Mateo, CA 94402

March 20, 1989

By

Canonie Environmental
212 Frank West Circle, Suite A
Stockton, CA 95206
(209) 983-1340

88-150-07-6328

SA 117527

CanonieEnvironmental

Table 1
Codes of Samples Received
From S.P. Oakland
Project: 88-150-07

<u>Sampler ID</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Lab ID#</u>	<u>Sample Type</u>	<u>Container</u>
Analysis: PCB					
S-12, SE-12, SW-12	02-23-89	02-24-89	835686	Soil	Brass Tube

SA 117528

Table 2
Results of PCB Analysis on Soil
Samples Received From S.P. Oakland
Results in mg/kg

03-20-1989
88-150-07-6328
Page 2

Sampler ID:	S-12, SE-12- , SW-12
Lab ID#:	<u>835686</u>
<u>Analyte(s)</u>	
Aroclor 1016	ND 0.05
Aroclor 1221	ND 0.05
Aroclor 1232	ND 0.05
Aroclor 1242	ND 0.05
Aroclor 1248	ND 0.05
Aroclor 1254	ND 0.10
Aroclor 1260	ND 0.10

AS DJ
Analyst Checked by

Note:
ND X denotes none detected to a level of X.
#ND X denotes none detected to a level of X due to an interfering peak.

SA 117529

CanonieEnvironmental

PROJ NO	PROJECT NAME		NO. OF CONTAINERS	ANALYSIS PCBs													REMARKS									
88-150-07	Southern Pacific - OAKLAND				LP NO	SAMPLERS (Signature)	w-iv Brass Tubes																			
6328	DATE	SAMPLE ID																								
	2-23-89	5-12'	835686	3	X																					Composite into 1 sample
	L	SE-12'	835688																							
		SW-12'	835690																							
Relinquished by (Signature)		Date/Time	Received by: (Signature)		Composite Samples from Jp 6194 for PCBs per S. Pierson/B. Wetysten SA 117530																					
Relinquished by (Signature)		Date/Time	Received by: (Signature)																							
Relinquished by (Signature)		Date/Time	Received for Laboratory by: (Signature)																							

Canonie Environmental, 212 Frank West Circle, Suite A, Stockton, CA 95206

Project # 88-150-07-6328

Date Completed 03-20-1989

Reference Methods

PCB'S

	<u>Preparation</u>	<u>Analysis</u>
Water	<input type="checkbox"/> EPA 3510 <input type="checkbox"/> EPA 3520	<input type="checkbox"/> EPA 608.3 <input type="checkbox"/> EPA 625 <input type="checkbox"/> EPA 680
Soil	<input type="checkbox"/> EPA 3540 <input type="checkbox"/> EPA 3550 <input type="checkbox"/> EPA 1310	<input checked="" type="checkbox"/> EPA 8080.3 <input type="checkbox"/> EPA 8270
Oil	<input type="checkbox"/> EPA Test Method "The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils."	

ANALYST

AJH

SA 117531

Laboratory Report for

Mr. Brian Wetzsteon
Canonie Environmental
1825 S. Grant Street, Suite 260
San Mateo, CA 94402

March 20, 1989

By

Canonie Environmental
212 Frank West Circle, Suite A
Stockton, CA 95206
(209) 983-1340

88-150-07-6239

SA 117532

CanonieEnvironmental

03-20-1989
88-150-07-6239
Page 1

Table 1
Codes of Samples Received
From SPT.Co. East Oakland
Project: 88-150-07

<u>Sampler ID</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Lab ID#</u>	<u>Sample Type</u>	<u>Container</u>
Analysis: PCB					
NW-12	02-23-89	02-24-89	835680	Soil	Brass Tube
NE-12	02-23-89	02-24-89	835682	Soil	Brass Tube
N-12	02-23-89	02-24-89	835684	Soil	Brass Tube

SA 117533

Table 2
Results of PCB Analysis on Soil
Samples Received From SPT.Co. East Oakland
Results in mg/kg

03-20-1989
88-150-07-6239
Page 2

Sampler ID:	Composite
Lab ID#:	<u>835680</u>
<u>Analyte(s)</u>	
Aroclor 1016	ND 0.05
Aroclor 1221	ND 0.05
Aroclor 1232	ND 0.05
Aroclor 1242	ND 0.05
Aroclor 1248	ND 0.05
Aroclor 1254	ND 0.10
Aroclor 1260	ND 0.10

MS DJ
Analyst Checked by

Note:
ND X denotes none detected to a level of X.
#ND X denotes none detected to a level of X due to an interfering peak.

SA 117534

ROJ NO 83-15007		PROJECT NAME SPT Co. E OAKLAND		NO. OF CON- TAINERS	ANALYSIS PEC									REMARKS
LP NO 6239		SAMPLERS (Signature)												
DATE	SAMPLE ID													
12-23-81	NW-12		1	X	1 Sample Composite	835680	2 PEST TUBES							
I	NE-12		1	X		835682	I							
	N-12		1	X		835684	I							
Relinquished by (Signature)				Date/Time	Received by: (Signature)			Remarks 1. SAMPLE FROM LP# 6194 2. SAMPLES DUE BY 3-10-89 PER SHAZON PIERSON Canite Environmental, 212 Frank West Circle, Suite A, Stockton, CA 95206						
Relinquished by (Signature)				Date/Time	Received by: (Signature)									
Relinquished by (Signature)				Date/Time	Received for Laboratory by: (Signature)									
SA 117535														

No 09892

Reference Methods

PCB'S

	<u>Preparation</u>	<u>Analysis</u>
Water	<input type="checkbox"/> EPA 3510 <input type="checkbox"/> EPA 3520	<input type="checkbox"/> EPA 608.3 <input type="checkbox"/> EPA 625 <input type="checkbox"/> EPA 680
Soil	<input type="checkbox"/> EPA 3540 <input type="checkbox"/> EPA 3550 <input type="checkbox"/> EPA 1310	<input checked="" type="checkbox"/> EPA 8080.3 <input type="checkbox"/> EPA 8270
Oil	<input type="checkbox"/> EPA Test Method "The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils."	

ANALYST *JL*

SA 117536

ALAMEDA COUNTY
HEALTH CARE SERVICES
DAVID J. KEARS AGENCY
[REDACTED] 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

T. P. B.
MAR 27 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

SA 117537

Canonie Environmental



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

February 15, 1989

88-149-07

Mr. Larry Seto
Alameda County Health Care Services Agency
Hazardous Materials Management
80 Swan Way, Room 200
Oakland, CA 94612

Soil Sampling Report and
Records of Correspondence with Regulatory Agencies
Southern Pacific Transportation Company Rail Yard
Fifth Avenue and Seventh Street
Oakland, California

Dear Mr. Seto:

Canonie Environmental Services Corp. (Canonie) is submitting "Soil Sampling Report and Records of Correspondence with Regulatory Agencies" for the Southern Pacific Transportation Company Rail Yard at Fifth Avenue and Seventh Street in Oakland, California. This sampling report is in addition to a Tank Excavation Work Plan, permit application, and fees submitted to our office on January 17, 1989. Attachment A contains the laboratory results for samples from the site and our field activity log. Attachment B contains copies of the City of Oakland tank removal permit; correspondence with the California Regional Water Quality Control Board--San Francisco Bay Area that allows Canonie to discharge treated ground water from the tank excavation to the storm sewer, if required; and records of telephone contacts with the California Department of Health Services Toxic Substance Control Division indicating that they do not have jurisdiction over permitting for the ground water treatment system.

On February 13, 1989, Canonie took soil samples from four locations around the perimeter of the existing tanks as shown in Figure 1. Ground water was encountered at two to four feet below ground surface. The samples were retrieved from immediately above the ground water table. The samples were analyzed only for total extractable petroleum hydrocarbons (TEPH) in order to assess hydrocarbon concentrations immediately around the tanks. As shown in Attachment A, soil samples contained from 6,200 to 17,000 parts per million TEPH. Canonie contends that because hydrocarbon compounds exist in the surrounding soil, the removal of the four tanks as described in the January 17, 1989 Tank Excavation Work Plan will not further contaminate the site. Any further investigation will be performed after

SA 117546

Mr. Larry Seto

2

February 15, 1989

the tanks are removed. Then Canonie will be better able to assess site conditions and prepare an investigation plan. An expeditious review and approval of this information and issuance of a tank removal permit would be greatly appreciated.

If you have any questions regarding this plan, please call.

Respectfully submitted,

Brian L. Wetzsteon
Assistant Project Engineer

Lance D. Geselbracht, P.E.
Project Manager

BLW/LDG/as

Attachments

SA 117547

Canonie Environmental

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~~
~~City of Oakland 94612~~
(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

SA 117548

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