

# Canonie Environmental

*ALCo  
rev'd this on  
6-12-92*

December 1989

88-149-50

FINAL SITE REPORT  
UNDERGROUND STORAGE TANK REMOVAL  
SOUTHERN PACIFIC TRANSPORTATION COMPANY  
OAKLAND, CALIFORNIA

RECEIVED  
MAY 13 1992  
INDUSTRIAL COMPLIANCE

SF 066960

December 18, 1989

88-149-50

Mr. John Moe  
Environmental Consultant  
Southern Pacific Transportation Company  
One Market Plaza, Room 1007  
San Francisco, CA 94105

Final Site Report  
Underground Storage Tank Removal  
Southern Pacific Transportation Company  
Oakland, California

Dear John:

Enclosed are the results of the underground storage tank removal activities performed by Canonie Environmental Services Corp. (Canonie) at the Southern Pacific Transportation Company (SPTCo.) site located at 1399 Wood Street in Oakland, California (Figure 1). This letter summarizes the underground storage tank removal activities and associated soil sampling. The work was performed on September 13 through 15, 1989, in accord with the July 17, 1987 Engineering Agreement between Canonie and SPTCo. As detailed herein, Canonie considers the tank removal completed.

In response to requirements of the California Code of Regulations, Title 23 Waters, Chapter 3 Water Resources Control Board, Subchapter 17 Underground Tank Regulations; Canonie was retained by SPTCo. to remove the underground storage tanks from many of their California sites. The activities at Oakland included the removal of one 12,000-gallon split-compartment diesel-gasoline tank, one 7,300-gallon diesel tank, one 550-gallon waste-oil tank,

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and associated soil sampling. The tank removal and soil sampling procedures are outlined in Appendix A.

On removal, the tanks were manifested and transported by Erickson Trucking, Inc., as California regulated waste to Erickson Inc.'s facility in Richmond, California, for proper disposal. Copies of the certificates of disposal and of the uniform hazardous waste manifests are provided in Appendix B. The complete laboratory reports detailing all analyses referenced herein are included in Appendix C. A summary of all laboratory data is provided in Table 1. ✓

#### Tank Removal Activities

The location and limits of excavation of the 12,000-gallon split-compartment diesel-gasoline tank are shown on Figure 2. Tank removal activities consisted of the following:

- o Removed one 12,000-gallon diesel-gasoline tank (Tank 1/2, Figure 2). No holes or signs of leakage from the tank were noted upon removal. However, free product was observed in the excavation.
- o Obtained two soil samples (50S-T1/2-7'SW and 50S-T1/2-6'SE) from the southern sidewall of the tank excavation. No soil samples were taken from the northern sidewall due to the proximity of a concrete block wall to the excavation. Soil Sample 50S-T1/2-6'SE was obtained

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adjacent to the diesel compartment of the tank at a depth of six feet and was analyzed for total extractable petroleum hydrocarbons (TEPH) and benzene, toluene, ethyl benzene, and xylene (BTEX). Soil Sample 50S-T1/2-7'SW was obtained adjacent to the gasoline compartment of the tank at a depth of 7 feet and was analyzed for total volatile petroleum hydrocarbons (TVPH) and BTEX. The sample locations are shown on Figure 2.

- o Analysis of Sample 50S-T1/2-6'SE indicated a TEPH concentration of 6,500 milligrams per kilogram (mg/kg) and analysis for BTEX indicated concentrations of 6.7, 31, 40, and 230 mg/kg, respectively. Analysis of Sample 50S-T1/2-7'SW indicated a TVPH concentration of 360 mg/kg and analysis for BTEX indicated concentrations of 0.84, 1.4, 2.8, and 9.6 mg/kg, respectively.
- o Obtained one grab sample of water accumulated at the bottom of the tank excavation (50W-T1/2-8'). The water sample was analyzed for TVPH, TEPH, and BTEX. The analysis of the water sample indicated a TEPH concentration of 330 milligrams per liter (mg/l), a toluene concentration of 2.7 mg/l, an ethyl benzene concentration of 1.1 mg/l, and a xylene concentration of 5.1 mg/l. TVPH and benzene were nondetectable in the water sample.

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- o Obtained one grab sample of water accumulated in the bottom of the tank excavation (50W-T3-8'). The water sample was analyzed for TEPH and BTEX. The analysis of the water sample indicated a xylene concentration of 0.0013 mg/l. All other analytes were nondetectable.
- o Backfilled the tank pit with clean imported fill and compacted the backfill to minimize settling.

The location and limits of excavation of the 550-gallon waste-oil tank are shown on Figure 2. Tank removal activities consisted of the following:

- o Removed one 550-gallon waste-oil tank (Tank 4, Figure 2). The tank was punctured during excavation. No other holes were noted upon removal.
- o Obtained one soil sample from the excavation at two to four feet below the tank (50S-T4-8'). The soil sample was analyzed for TVPH, TEPH, BTEX, oil and grease, chlorinated hydrocarbons, cadmium, chromium, lead, zinc, polychlorinated biphenyls (PCBs), pentachlorophenol, polynuclear aromatics, and creosote.

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data? →

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waste oil

- o Analysis of Soil Sample 50S-T4-8' indicated the following concentrations: 0.064 mg/kg for xylene, 36 mg/kg for chromium, 9.9 mg/kg for lead, 56 mg/kg for zinc, 37 mg/kg for PCB-1260, and 0.99 mg/kg for bis(2-ethylhexyl)phthalate. All other analytes were nondetectable.

- o After receiving analytical results indicating the presence of PCBs in soils underlying Tank 4, a water sample (50-W-Pit 1) was obtained from water accumulated in adjacent Tank Pit 1/2 and was analyzed for PCBs. The water sample showed nondetectable levels of PCBs.

- o Backfilled the tank pit with clean ~~imported fill~~ and compacted the backfill to minimize settling.

The location of a former island for dispensing fuel is shown on Figure 2. The island and associated piping was removed during tank removal activities. One soil sample (50S-IA-3.5') was obtained at a depth of 3.5 feet below the island and was analyzed for TVPH, TEPH, and BTEX. Analysis of the soil sample showed a TVPH concentration of 180 mg/kg; a TEPH concentration of 4,900 mg/kg; and BTEX concentrations of 6.1, 24, 37, and 170 mg/kg, respectively.

All soil removed during the tank excavations was stockpiled on-site. Approximately 200 cubic yards of excavated material are contained in these stockpiles. Two composite soil samples (50S-SP1/2-COMP1, 50S-SP1/2-COMP2)

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were obtained from the soils removed from Tank Pit 1/2 and were analyzed for TVPH, TEPH, and BTEX. Sample 50S-SP1/2-COMP1 yielded a TVPH concentration of 630 mg/kg; a TEPH concentration of 1,300 mg/kg; and BTEX concentrations of nondetectable, 4.7, 12, and 27 mg/kg, respectively. Sample 50S-SP1/2-COMP2 yielded a TVPH concentration of 180 mg/kg; a TEPH concentration of 830 mg/kg; and BTEX concentrations of 0.49, 3.5, 1.7, and 25 mg/kg, respectively. One soil sample (50S-SP3-COMP1) was obtained from soils removed from Tank Pit 3 and was analyzed for TEPH and BTEX. This stockpile sample yielded a TEPH concentration of 3,100 mg/kg and a xylene concentration of 0.37 mg/kg. Benzene, toluene, and ethyl benzene were all nondetectable.

On the basis of the analytical results of the tank removal program, Canonie recommends further investigation of soil and ground water at the site. The results indicate that petroleum hydrocarbon concentrations exist in the soil and ground water at the site. The presence of petroleum hydrocarbons in the ground water that accumulated in the excavation is not necessarily representative of ground water quality. However, the confirmed presence of petroleum hydrocarbons in the ground water means that state and local regulatory agencies are likely to require an investigation of the potential impact on ground water. This investigation would be classified as a Category 3 investigation by the LUFT Field Manual. This investigation would define the horizontal and vertical extents of contamination, the ground water gradient, and the potential remedial action.

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TABLE 1

SUMMARY OF LABORATORY ANALYSES

Sample Identification	TPH-g	TPH-d	Benzene (ppm)	Toluene (ppm)	Ethyl benzene (ppm)	Xylene (ppm)
	Total Volatile Petroleum Hydrocarbons (ppm)	Total Extractable Petroleum Hydrocarbons (ppm)				
<b>Soil Samples</b>						
d/g tank { 50S-T1/2-6' SE } S. Sidewalk	NT	6,500 ✓	6.7 ✓	31 ✓	40 ✓	230 ✓
{ 50S-T1/2-7' SW }	NT	NT	0.84 ✓	1.4 ✓	<del>2.8</del> 7.4	9.6 ✓
diesel? { 50S-T3-5' W }	NT	210	ND 0.025	ND 0.025	ND 0.025	ND 0.025
{ 50S-T3-6' E }	NT	210	ND 0.025	ND 0.025	ND 0.025	0.21
oil { 50S-T4-8' a-bottom }	ND 1.0	ND 10	ND 0.025	ND 0.025	ND 0.025	0.064
dispenser { 50S-IA-3.5' -bottom }	180	4,900	NT	24	37	170
d/g tank { 50S-SP1/2-COMP1 }	NT	1,300	ND 0.25	4.7 ✓	12 ✓	27 ✓
{ 50S-SP1/2-COMP2 }	NT	830	NT	3.5	1.7	25
diesel { 50S-SP3-COMP1 }	NT	3,100 ✓	ND 0.025	ND 0.025	ND 0.025	0.37 ✓
<b>Water Samples</b>						
50W-T1/2-8 <sup>b</sup>	ND 2.0	330	ND 0.05	2.7	1.1	5.1
50W-T3-8	NT	ND 2.5	ND 0.0005	ND 0.0005	ND 0.0005	0.0013

Notes:

1. ppm denotes parts per million.
2. NT denotes not tested.
3. ND X denotes none detected to a level of X.

<sup>a</sup>A complete list of analytes may be found in Appendix C. Analytes present at detectable concentrations are referenced in the text of this report.

<sup>b</sup>Water was resampled at this location following detection of polychlorinated byphenyls (PCBs) in soil sample from adjacent tank pit (Tank 4). This resampling, designated 50-W-Pit 1, indicated nondetectable concentration of PCBs. Laboratory report may be found in Appendix C.

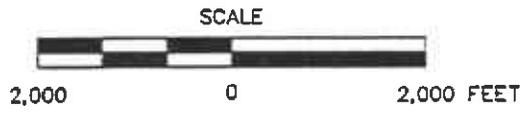
SF 066971



REVISIONS	NO.	DATE
DRAWN BY	TCK 8-28-89	
CHECKED BY	APPROVED BY	
DRAWING NUMBER 88-149-A58		



REFERENCE:  
 USGS TOPOGRAPHIC MAP  
 TITLED: OAKLAND WEST, CA.  
 DATED 1959 (REV 1980)



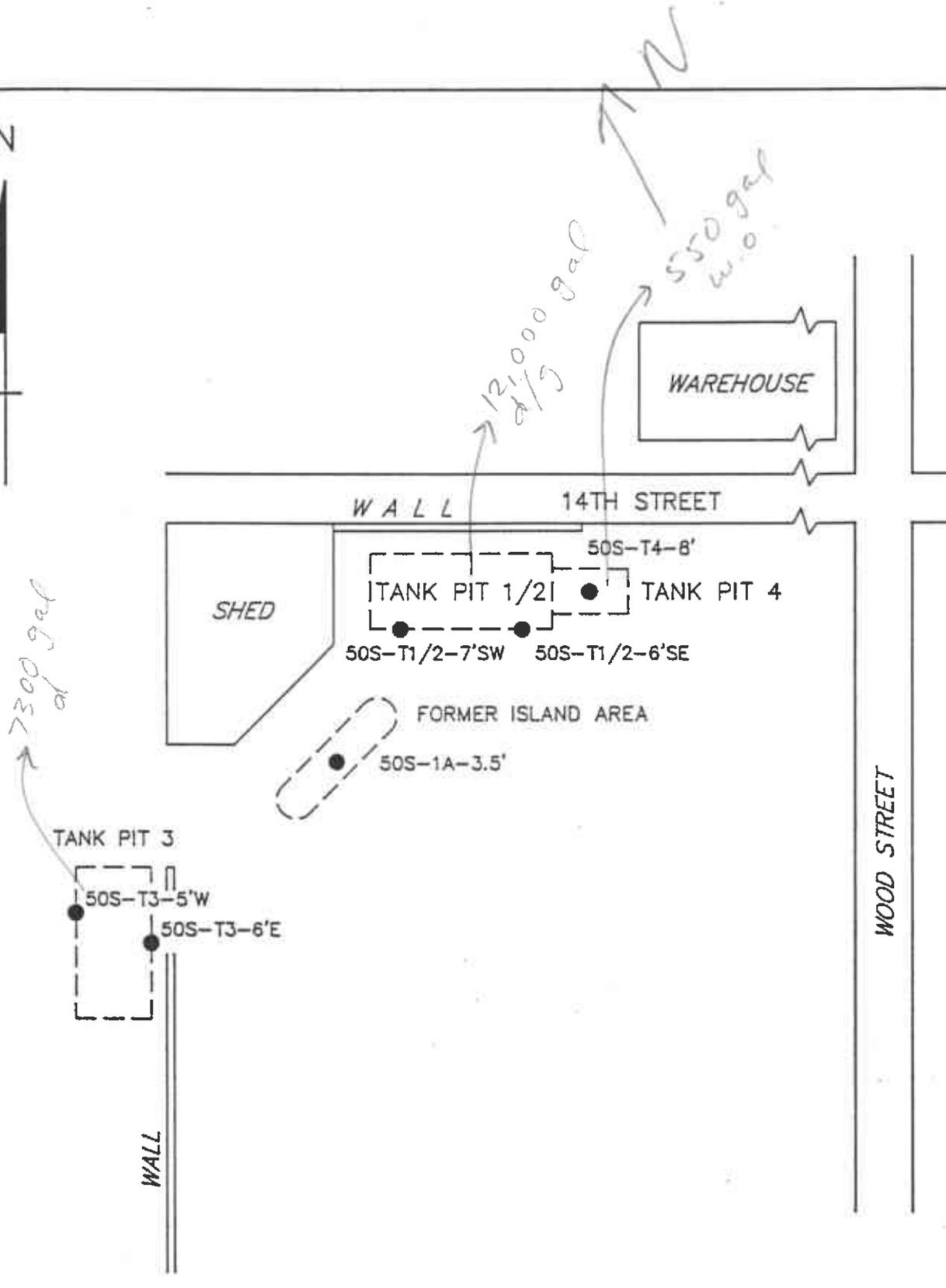
SITE LOCATION PLAN  
 OAKLAND, CALIFORNIA  
**DRAFT**  
 PREPARED FOR  
 SOUTHERN PACIFIC  
 TRANSPORTATION COMPANY

**Canonie Environmental**

DATE: 8-28-89	FIGURE 1	DRAWING NUMBER 88-149-A58
SCALE: AS SHOWN		

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REVISIONS	NO. DATE	DRAWN BY	KCH 10-24-89	CHECKED BY	10-25-89	DRAWING NUMBER	88-149-A69



**LEGEND:**  
 ● SOIL SAMPLE LOCATION  
 - - LIMITS OF EXCAVATION

SITE PLAN  
 OAKLAND, CALIFORNIA  
**DRAFT**  
PREPARED FOR

SOUTHERN PACIFIC  
 TRANSPORTATION COMPANY  
**Canonie Environmental**

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DATE: 10-24-89	FIGURE 2	DRAWING NUMBER
SCALE: NTS		88-149-A69

APPENDIX A  
REMOVAL PROCEDURES

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## REMOVAL PROCEDURES

### Excavation/Removal

The steps for completing the tank excavation and removal were as follows:

1. Excavated existing surface materials and soils to expose the top surface of the tank. This also included excavation of the product supply lines and vents connected to the tank.
2. Removed fill neck and confirmed that product had been removed. The tank was then rendered inert by using dry ice. A minimum of 20 pounds of dry ice was added per 1,000 gallons of tank volume.
3. Continued excavation operations until the tank was free and clear for removal.
4. Used cable rigging to remove the tank from the excavation.
5. After the tank had been removed from the excavation, the soil underlying the tank was inspected for the presence of product. Based upon field observations and regulations, the field engineer/geologist then made a decision regarding the need for additional excavation. Soil samples were collected and analyzed for the constituents listed in Appendix C. The need for further excavation depended upon the results of the laboratory analyses.

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6. The excavated tank was manifested and transported as California regulated waste. Erickson Trucking, Inc., of Richmond, California, transported the tank.
7. After excavation and sampling were completed, the pit was backfilled.

#### Collection and Analyses of Soil Samples

After tank removal and excavation, a soil sample was obtained from beneath the tank. The soil was obtained from the sidewall or bottom of the pit with a backhoe. The soil sample was collected using a two-inch by four-inch brass sample tube, which was pressed into the soil in the backhoe bucket. The ends were sealed with aluminum foil, capped, labeled, sealed in a ziplock bag, and immediately placed on ice in an insulated cooler. The sample was kept in possession of the engineer/geologist until delivery to the laboratory.

The sample was transported within 48 hours under chain of custody to the California-State-Certified Canonic Analytical Laboratory in Stockton, California. The sample was analyzed by the methods listed in Appendix C.

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APPENDIX B  
TRANSPORT AND DISPOSAL DOCUMENTS

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FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,  
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

**STRAIGHT BILL OF LADING**  
**ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_

CARRIER: Erickson Trucking Inc.

SCAC

Carrier's No. 019  
Date \_\_\_\_\_

TO: Lmc Corp.  
Consignee 600 South 4th St.  
Street  
Destination Richmond, CA Zip 94805

FROM: Erickson Inc.  
Shipper 255 Parr Blvd.  
Street  
Origin Richmond, CA Zip 94801

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	LD. Number	WGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
2		Non-Dot regulated material gas free triple rinsed underground tanks for scrap					
		70235/2215	none	n/a	n/a	n/a	none
		70271/2190					

Remit C.O.D. to:

Address:

City:

State:

Zip:

**COD** Amt: \$

C.O.D. FEE:

Prepaid

Collect  \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the conditions of this document, if the shipper is to be delivered to the consignee without release on the receipt, the consignee shall sign the following statement: "The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges."  
Signature of Consignee: \_\_\_\_\_

FREIGHT CHARGES

PREPAID  COLLECT

RECEIVED, subject to the classifications and lawfully fixed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted hereon and condition of contents of packages (unless marked, consigned, and determined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to discontinue and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, marked, packaged, marked and labeled and are in proper condition for transport according to the regulations of the Department of Transportation.

PLACARDS REQUIRED

none

PLACARDS SUPPLIED

YES  NO - FURNISHED BY CARRIER  
DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: Erickson, Inc.

PER: Shannon Lowry

DATE: 9/28/89

CARRIER: ERICKSON

PER: [Signature]

DATE: 9-29-89

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,  
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-A3  
(Rev 6/87)

**WEIGHMASTER CERTIFICATE**

This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, and is a certified authority of accuracy as prescribed by Chapter 7 (commencing with Section 57000) of Division 1 of the California Business and Professions Code, as amended by the Director of Weighmaster Services of the California Department of Food and Agriculture.



LMC 410 (8-88)

GROSS WEIGHT: 10:25 09/29/89 34420. 1b

600 SOUTH 4th STREET  
RICHMOND, CALIFORNIA 94804  
(415) 238-0808

1800 MONTEREY HIGHWAY  
SAN JOSE, CALIFORNIA 95112  
(408) 294-8443

130 NORTH 12th STREET  
SACRAMENTO, CALIFORNIA 95814  
(916) 444-3380

740 NORTH WILSON WAY  
STOCKTON, CALIFORNIA 95205  
(209) 488-6875

890 SEAFORT BLVD.  
REDWOOD CITY, CALIF. 94063  
(415) 388-4181

DATE: / /  
 973692  
DN

TYPE OF PURCHASE  
 CASH  CHECK  ON ACCT  VC  PRE PAID

VENDOR NO.

CHECK NO.

NET: 1540 10:42 09/29/89 32880. 1b LT

4/0 PER 1/2 PER 1/2

COMMODITY: <u>TRUCK</u>	CODE: <u>112</u>	PK: <u>1</u>	PLACED BY: <u>[Signature]</u>	WEIGHED FOR: <u>[Signature]</u>
FRHT CODE: _____	FRHT COST: _____	SVL NO: _____	DUNNAGE OR EXCESS WFE - EXPLAIN BELOW: <u>2215, 2190</u>	
DRIVER'S NAME: _____	VEHICLE LICENSE/LMC NO: <u>[Signature]</u>	TRAILER LICENSE NO./RR CAR NO: _____	ADDRESS: _____	
DRIVER'S LICENSE NO: _____	CARRIER'S NAME/WE NO: _____	POINT OF ORIGIN: <b>SF 066981</b>		

LMC METALS WEIGHMASTER: \_\_\_\_\_  
HOLD HARMLESS AGREEMENT: I, the undersigned, hereby certify, under penalty of perjury, that any vehicles used hereon have been checked for compliance with the Government of Labor 18800.  
BILL OF SALE: I warrant that I am the owner (or owner's authorized agent) of the material described hereon and have the right to sell same and I warrant no hazardous material as defined by \_\_\_\_\_

NON ALPHA FILE COPY

# STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper's No. \_\_\_\_\_

CARRIER: Erickson Trucking Inc.

SCAC

Carrier's No. 019  
Date \_\_\_\_\_

TO:  
Consignee Lmc Corp.  
Street 600 South 4th St.  
Destination Richmond, CA Zip 94805

FROM:  
Shipper Erickson Inc.  
Street 255 Parr Blvd.  
Origin Richmond, CA Zip 94801

Route: \_\_\_\_\_ Vehicle Number \_\_\_\_\_

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exempt)
6		Non-Dot regulated material gas free triple rinsed underground tanks for scrap					
		70038/2188 70136/2183	none	n/a	n/a	n/a	none
		70247/2138 70763/2171, 2172					
		70271/2189					

Remit C.O.D. to: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
COD Amt: \$ \_\_\_\_\_  
C.O.D. FEE: Prepaid  Collect  \$ \_\_\_\_\_

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_  
FREIGHT CHARGES  PREPAID  COLLECT

RECEIVED, subject to the classifications and specially filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in appearing good order, except as noted (contents and condition of contents of packages unopened, marked, damaged, and destroyed as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at usual destination. If at any time, shipment is delivered to another carrier on the route to said destination, it is mutually agreed as to each carrier of all of any of, said property over all or any portion of said route to destination, and as to each party of any same interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, marked, packaged, sealed and labeled and are in proper condition for transportation according to the regulations promulgated by the Department of Transportation.  
PLACARDS REQUIRED: none  
PLACARDS SUPPLIED:  YES  NO — FURNISHED BY CARRIER DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: Erickson Inc.  
PER: Shannon Lowry  
DATE: 9/19/89  
EMERGENCY RESPONSE TELEPHONE NUMBER: \_\_\_\_\_  
CARRIER: Erickson  
PER: Dan Bartley  
DATE: 9-19-89  
Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-AJ (Rev 9/88)



WEIGHMASTER CERTIFICATE  
THIS IS TO CERTIFY that the following described commodity has been weighed, measured or gauged by a weighmaster whose authority to act in this capacity arises from the recognized authority of authority as prescribed in the California Business and Professions Code, Chapter 1, commencing with Section 17100 of Division 17, California Business and Professions Code, as amended by the Division of Measurement Standards of the California Department of Pesticides and Agriculture.

DATE: 09 11 09/19/89  
GROSS WEIGHT: 42220 lb  
NET WEIGHT: 9900 lb  
TARE: 32320 lb

COMMODITY: TANKS  
CODE: 201  
PR BY: \_\_\_\_\_  
CK BY: \_\_\_\_\_  
WEIGHED FOR: ERICKSON TANKS

VEHICLE LICENSE / UIC NO: 2188, 2183, 2138  
TRAILER LICENSE NO / PRR CAR NO: 2171, 2172, 2189

AMOUNT PER N.T.: 40  
PER LT.: \_\_\_\_\_

JMC METALS WEIGHMASTER  
FOR PACKAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicle sold hereon has been cleared for dismantling with the Department of Motor Vehicles.  
BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described herein and have the right to sell same, that it contains no hazardous material as defined by \_\_\_\_\_  
SE 066982  
100% ALPHA FILE COPY

**STRAIGHT BILL OF LADING  
ORIGINAL - NOT NEGOTIABLE**

Shipper's No. \_\_\_\_\_

CARRIER: Erickson Trucking Inc.

SCAC

Carrier's No. \_\_\_\_\_  
Date \_\_\_\_\_

019

TO: Consignee  
Street  
Destination  
LMC Corp.  
600 South 4th St.  
Richmond, CA Zip 94805

FROM: Shipper  
Street  
Origin  
Erickson Inc.  
255 Parr Blvd.  
Richmond, CA Zip 94801

Route:

Vehicle Number

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	LD Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1		Non-DOT regulated material gas free triple rinsed underground tanks for scrap	none	n/a	n/a	n/a	none
		70271 / 2991					
		<i>u l e</i>					

Remit C.O.D. to:  
Address:  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**COD Amt: \$**

C.O.D. FEE:  
Prepaid   
Collect  \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ \_\_\_\_\_ Per \_\_\_\_\_

Subject to Section 7 of the conditions of this document, it is declared in the company's uniform invoice on the invoice that the carrier shall not be liable for the amount of freight and all other route charges.

FREIGHT CHARGES  
 PREPAID  COLLECT

RECEIVED: Subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unopened, marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time mentioned in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named shipment is property correctly classified, described, packaged, marked and labeled and in proper condition for transportation according to the regulations of the Department of Transportation.

PLACARDS REQUIRED **none**

PLACARDS SUPPLIED  YES  NO - FURNISHED BY CARRIER

DRIVER SIGNATURE: \_\_\_\_\_

SHIPPER: Erickson Inc.  
PER: Shannon Lowry  
DATE: 9/26/89

CARRIER: \_\_\_\_\_  
PER: \_\_\_\_\_  
DATE: \_\_\_\_\_

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL LEAK,  
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-A3 (Rev 8/87)

**WEIGHMASTER CERTIFICATE**  
THIS IS TO CERTIFY that the following described commodity and weight, measured or counted by a weighmaster whose signature is on this certificate, and is a recognized authority of authority, as prescribed by Chapter 7, commencing with Section 127001 of Division 2 of the California Statutes and Professional Code administered by the Division of Measurement Standards of the California Department of Food and Agriculture.



- 600 SOUTH 4th STREET RICHMOND, CALIFORNIA 94804 (415) 236-0808
- 1800 MONTEREY HIGHWAY SAN JOSE, CALIFORNIA 95112 (408) 294-8443
- 130 NORTH 12th STREET SACRAMENTO, CALIFORNIA 95814 (916) 444-3380
- 740 NORTH WILSON WAY STOCKTON, CALIFORNIA 95205 (209) 488-8875
- 608 SEAPORT BLVD. REDWOOD CITY, CALIF. 94063 (415) 388-4181

LMC 410 (8-88)  
DATE: \_\_\_\_\_  
 973277

GROSS WEIGHT Lbs.  
15:44 09/26/89 43900. 1b

TARE Lbs.  
15:58 09/26/89 32640. 1b

NET 11,260 Lbs. 5.63

COMMODITY: TANKS  
CODE: 201  
PR BY: *(Signature)*  
WEIGHED FOR: ERICKSON TRUCKING

FRY CODE / FREIGHT COST: \_\_\_\_\_  
DRIVER'S NAME: \_\_\_\_\_  
DRIVER'S LICENSE NO.: \_\_\_\_\_  
DISASSEMBLER NO / SEAL NO.: \_\_\_\_\_  
VEHICLE LICENSE / LMC NO.: \_\_\_\_\_  
TRAILER LICENSE NO / PR CAR NO.: \_\_\_\_\_  
CARRIER'S NAME / IWB NO.: \_\_\_\_\_

LMC METALS WEDDINGWOTER  
BY: *(Signature)*

HOLD HARMLESS AGREEMENT: Shipper will indemnify and hold buyer harmless from damages, attorneys and expenses, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to an appropriate for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner for carrier's representative(s) of the material described herein and have the right to sell same, but I reserve no hazardous material as defined by Federal or State law and that for payment hereon, received, I sell and convey (to) LMC METALS.

SF 066983

DIVISION ALPHA FILE COPY

2189

Canonie

70271

CERTIFICATE

Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

Client: Erickson Inc. Tank No.(s.) 2189 Location: Richmond Date: 9/19/89 Time: 08:30  
Inspection Method: VISUAL / Gastech 1314 SMPN Last Product: Waste Oil

I hereby certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1-550 gal Tank	Safe for fire oxy 20.9 LEL < 1%
SF 066984	

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) in the judgment of the inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) in the judgment of the inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

[Signature]  
Representative Title

[Signature]  
Inspector



2191

Conch  
70271

**CERTIFICATE**  
Certified Services Company  
255 Parr Boulevard  
Richmond, California 94801

Day or Night  
Telephone  
(415) 235-1393

Client: Ericksen Inc. Tank No.(s.) 2191 Location: Richmond Date: 9/25/89 Time: 15:37  
Inspection Method: Visual/Gastech 1314 SMPN Last Product: Diesel

I hereby certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

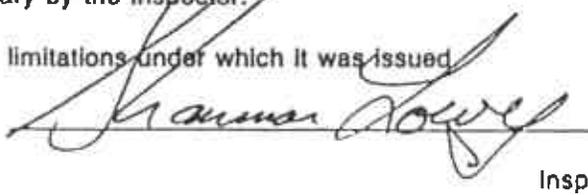
Tank(s)	Condition
1-12000 GAL Tank	Safe for fire oxy 20.9% LEL < 1%

SF 066986

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**Standard Safety Designation:**  
**Safe for Men:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.  
**Safe for Fire:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 per cent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.  
  
\_\_\_\_\_  
Representative Title

  
\_\_\_\_\_  
Inspector

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA D0000628198		Manifest Document No. 01011011		2. Page 1 of 1 Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address SOUTHERN PACIFIC TRANSPORTATION COMPANY ONE MARKET PLAZA, ROOM 1007 SAN FRANCISCO, CA 94105				A. State Manifest Document Number 87609547		B. State Generator's ID H17H9360091030				
4. Generator's Phone (415) 541-2305				C. State Transporter's ID 900893		D. Transporter's Phone 408-285-2629				
5. Transporter 1 Company Name Fuller Excavating & Demolition				6. US EPA ID Number CA D091811443781		E. State Transporter's ID [Blank]				
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone				
9. Designated Facility Name and Site Address ERICKSON, INC 255 PARK BLVD RICHMOND, CA 94801				10. US EPA ID Number CA D009466392		G. State Facility's ID [Blank]				
						H. Facility's Phone (415) 235-1393				
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. CALIFORNIA REGULATED WASTE ONLY EMPTY UNDERGROUND PETROLEUM HYDROCARBON STORAGE TANK						12. Containers	13. Total	14. Unit	15. Waste No.	
						No.	Type	Quantity	Wt/Vol	
										State
										EPA/Other
16. Additional Descriptions for Materials Listed Above EMPTY UNDERGROUND PETROLEUM STORAGE TANK #2191 300 LBS DRY ICE						K. Handling Codes for Wastes Listed Above 01				
15. Special Handling Instructions and Additional Information GLOVES, PROTECTIVE CLOTHING										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. AS AGENT FOR SPIC										
Printed/Typed Name DAVID POOLE				Signature 		Month Day Year 10/9/14/89				
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name Paul de Montigny				Signature 		Month Day Year 10/9/14/89				
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature		Month Day Year				
19. Discrepancy Indication Space Manifest obsolete										
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.								SF 066987		
Printed/Typed Name Shannon Looney				Signature 		Month Day Year 10/9/14/89				

7001

OMB No. 2050-0039 (Expires 9-30-88)  
of type. (Form designed for use on site (12-pitch typewriter))

Material on behalf of the generator. Material on behalf of the transporter. Material on behalf of the facility.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAD000628198		Manifest Document No.	
3. Generator's Name and Mailing Address SOUTHERN PACIFIC TRANSPORTATION COMPANY ONE MARKET PLAZA ROOM 1007 SAN FRANCISCO, CA 94105		4. Generator's Phone (415) 541-2385		A. State Manifest Document Number 87609550	
5. Transporter 1 Company Name EXCELTRANS		6. US EPA ID Number CAD981982663		C. State Transporter's ID 001063	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (707) 745-8907	
9. Designated Facility Name and Site Address ERICKSON, INC. 255 PARR BLD RICHMOND, CA 94801		10. US EPA ID Number CAD009466392		E. State Facility's ID F. Facility's Phone (415) 235-1393	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. CALIFORNIA REGULATED WASTE ONLY EMPTY UNDERGROUND PETROLEUM HYDROCARBON STORAGE TANK			001	TAQ7500	P
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above EMPTY DIESEL STORAGE TANK ICED WITH 200 LBS DRY ICE			K. Handling Codes for Wastes Listed Above 01		
15. Special Handling Instructions and Additional Information GLOVES, PROTECTIVE CLOTHING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. AS AGENT FOR SPTCO					
Printed/Typed Name DAVID POOLE		Signature <i>David Poole</i>		Month Day Year 10/9/14/89	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name JAMES BYARS		Signature <i>James Byars</i>		Month Day Year 10/9/14/89	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest as noted in Item 19. SF 066988					
Printed/Typed Name GARY DENTON		Signature <i>Gary Denton</i>		Month Day Year 10/9/14/89	

100 OAKLAND

FORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD0009628198  
Manifest Document No. 1111

2. Page 1 of 1  
3. Case No. 1111  
4. Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
SOUTHERN PACIFIC TRANSPORTATION COMPANY  
ONE MARKET PLAZA, ROOM 1007  
SAN FRANCISCO, CA 94105  
4. Generator's Phone (415) 541-2385

A. State Manifest Document Number 87609549

B. State Generator's ID HY/HQ360090310

5. Transporter 1 Company Name EXCELTRANS  
6. US EPA ID Number CAD981982663

C. State Transporter's ID 003155

D. Transporter's Phone (707) 745-9907

7. Transporter 2 Company Name  
8. US EPA ID Number

E. State Transporter's ID  
F. Transporter's Phone

9. Designated Facility Name and Site Address  
ERICKSON INC  
255 PARR BLVD  
RICHMOND, CA 94701  
10. US EPA ID Number CAD009466392

G. State Facility's ID  
H. Facility's Phone (415) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  
12. Containers No. Type  
13. Total Quantity  
14. Unit Wt/Vol  
15. Waste No.

a. CALIFORNIA REGULATED WASTE ONLY  
EMPTY UNDERGROUND PETROLEUM  
HYDROCARBON STORAGE TANK  
001TP00600 P  
State 5/2  
EPA/Other NONE

b. State  
EPA/Other

c. State  
EPA/Other

d. State  
EPA/Other

12. Additional Descriptions for Materials Listed Above  
EMPTY 550 GALS WASTE OIL TANK  
COOL WITH SUBSIDY ICE

K. Handling Codes for Wastes Listed Above  
a. 01  
b.  
c.  
d.

15. Special Handling Instructions and Additional Information  
GLOVES, PROTECTIVE CLOTHING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  
AS AGENT FOR SPTL

Printed/Typed Name DAVID POOLE  
Signature David Poole  
Month Day Year 09/14/89

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name Mark A Rouvier  
Signature Mark A Rouvier  
Month Day Year 09/14/89

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name  
Signature  
Month Day Year

19. Discrepancy Indication Space  
SF 066989

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Rem 19.  
Printed/Typed Name GARY DENTON  
Signature Gary Denton  
Month Day Year 09/14/89

GENERATOR  
TRANSPORTER  
FACILITY

Please print or type (Form designed for use on 6 1/2" (12-pitch typewriter)

OAKLAND

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9602 WITHIN CALIFORNIA CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA90009628198</b>		Manifest Document No. 		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <b>SOUTHERN PACIFIC TRANSPORTATION COMPANY ONE MARKET PLAZA, ROOM 1007 SAN FRANCISCO, CA</b>				6. US EPA ID Number <b>CA19810181682A</b>		A. State Manifest Document Number <b>87342132</b>		B. State Generator's ID <b>HYHQ36999030</b>					
4. Generator's Phone (415) <b>541-2395</b>				7. Transporter 1 Company Name <b>PETRO TRANSPORTATION CO</b>		C. State Transporter's ID <b>912068</b>		D. Transporter's Phone <b>(213) 595-7431</b>					
5. Transporter 2 Company Name 				8. US EPA ID Number 		E. State Transporter's ID <b>912068</b>		F. Transporter's Phone 					
9. Designated Facility Name and Site Address <b>PETROLEUM RECYCLING CORP 1835 E. 29TH STREET SIGNAL HILL, CA 90806</b>				10. US EPA ID Number <b>CA1080011059</b>		G. State Facility's ID <b>HAHQ369170512</b>		H. Facility's Phone <b>(213) 595-6597</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number.) <b>a. DIESEL/WATER RINSEATE</b>						12. Containers No.   Type		13. Total Quantity		14. Unit Wt./Vol.		1. Waste No.	
						0,91   TT		A 50G				State <b>221</b>	
												EPA/Other <b>D001</b>	
												State	
												EPA/Other	
												State	
												EPA/Other	
J. Additional Descriptions for Materials Listed Above <b>DIESEL/WATER</b>						K. Handling Codes for Wastes Listed Above a. <b>R01</b> b. c. d.							
15. Special Handling Instructions and Additional Information <b>GLOVES, PROTECTIVE CLOTHING</b>						8							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. <b>AS AGENT FOR SPTCO.</b>													
Printed/Typed Name <b>DAVID POOLE</b>				Signature <i>[Signature]</i>				Month Day Year <b>10/13/89</b>					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>DAVE PUA</b>				Signature <i>[Signature]</i>				Month Day Year <b>10/13/89</b>					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name 				Signature 				Month Day Year 					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name <b>[Signature]</b>													
Signature <i>[Signature]</i>				Month Day Year <b>10/15/89</b>				SF 066990					

APPENDIX C  
LABORATORY REPORTS

DRAFT

SF 066992

**Canonie**Environmental

Laboratory Report for

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

October 31, 1989

By

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

88-150-50-7648

SF 066993

**Canonie**Environmental

Client: SP Oakland  
 Sample ID: 50S-SP1/2-COMP 1  
 Matrix: SOIL  
 Lab ID: 844087-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	1300. ✓	200.	mg/kg	EPA 8015

Tested By : JMP  
 Validated By: GRA

SF 066994

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-SP1/2-COMP 1  
Matrix: SOIL  
Lab ID: 844087-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/15/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.25	mg/kg	EPA 8020
Toluene	4.7	0.25	mg/kg	
Ethylbenzene	12.	0.25	mg/kg	
Xylene	27.	0.25	mg/kg	

Tested By : RRE  
Validated By: GRA

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

**Canonie** Environmental

SE 066995

Client: SP Oakland  
 Sample ID: 50S-SP1/2-COMP 1  
 Matrix: SOIL  
 Lab ID: 844087-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Volatile Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Volatile Hydrocarbons	630.	10.	mg/kg	EPA 8015

Tested By : RRE  
 Validated By: GRA

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-SP1/2-COMP 2  
 Matrix: SOIL  
 Lab ID: 844088-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	830.	200.	mg/kg	EPA 8015

Tested By : JMP  
 Validated By: GRA

SF 066997

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-SP1/2-COMP 2  
Matrix: SOIL  
Lab ID: 844088-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/15/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: Total Volatile Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Volatile Hydrocarbons	180.	10.	mg/kg	EPA 8015

Tested By : RRE  
Validated By: GRA

SF 066999

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-SP3-COMP 1  
 Matrix: SOIL  
 Lab ID: 844089-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	3100.	200.	mg/kg	EPA 8015

Tested By : JMP  
 Validated By: GRA

SF 067000

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-SP3-COMP 1  
Matrix: SOIL  
Lab ID: 844089-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/15/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.025	mg/kg	EPA 8020
Toluene	ND	0.025	mg/kg	
Ethylbenzene	ND	0.025	mg/kg	
Xylene	0.37	0.025	mg/kg	

Tested By : RRE  
Validated By: GRA

SF 067001

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T1/2-6SE  
 Matrix: SOIL  
 Lab ID: 844090-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	6500.	2000.	mg/kg	EPA 8015

Tested By : JMP  
 Validated By: GRA

SF 067002

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-T1/2-6SE  
Matrix: SOIL  
Lab ID: 844090-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	6.7	2.5	mg/kg	EPA 8020
Toluene	31.	2.5	mg/kg	
Ethylbenzene	40.	2.5	mg/kg	
Xylene	230.	2.5	mg/kg	

Tested By : RRE  
Validated By: GRA

SF 067003

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T1/2-7 SW  
 Matrix: SOIL  
 Lab ID: 844091-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	0.84	0.25	mg/kg	EPA 8020
Toluene	1.4	0.25	mg/kg	
Ethylbenzene	2.8	0.25	mg/kg	
Xylene	9.6	0.25	mg/kg	

Tested By : RRE  
 Validated By: GRA

SF 067004

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T1/2-7 SW  
 Matrix: SOIL  
 Lab ID: 844091-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Volatile Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Volatile Hydrocarbons	360.	10.	mg/kg	EPA 8015

Tested By : RRE  
 Validated By: GRA

SF 067005

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-T3-5W  
Matrix: SOIL  
Lab ID: 844092-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : P093089JP2  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	210.	10.	mg/kg	EPA 8015

Tested By : BTS  
Validated By: GRA

SF 067006

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-T3-5W  
Matrix: SOIL  
Lab ID: 844092-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.025	mg/kg	EPA 8020
Toluene	ND	0.025	mg/kg	
Ethylbenzene	ND	0.025	mg/kg	
Xylene	ND	0.025	mg/kg	

Tested By : RRE  
Validated By: GRA

SF 067007

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-T3-6E  
Matrix: SOIL  
Lab ID: 844093-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : P093089JP2  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	210.	50.	mg/kg	EPA 8015

Tested By : BTS  
Validated By: GRA

SF 067008

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T3-6E  
 Matrix: SOIL  
 Lab ID: 844093-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.025	mg/kg	EPA 8020
Toluene	ND	0.025	mg/kg	
Ethylbenzene	ND	0.025	mg/kg	
Xylene	0.21	0.025	mg/kg	

Tested By : RRE  
 Validated By: GRA

SF 067009

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : I100489PS1  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Inorganic Analysis

Analyte	Result*	Reporting Limit	Units	Method
Oil & Grease	ND	500.	mg/kg	EPA 9071

Tested By : SDD  
 Validated By: TLH

SF 067010

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

*W.O.  
UST*

Test Description: Metals Analysis

Analyte	Result*	Reporting Limit	Units	Method
Cadmium	ND	5.0	mg/kg	EPA 6010
Chromium	36.	5.0	mg/kg	
Lead	9.9	5.0	mg/kg	
Zinc	56.	5.0	mg/kg	

Tested By : RDJ  
 Validated By: TLH

SF 067011

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089BS1  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Polychlorinated Biphenyls

Analyte	Result*	Reporting Limit	Units	Method
PCB-1016	ND	5000.	ug/kg	EPA 8080
PCB-1221	ND	5000.	ug/kg	
PCB-1232	ND	5000.	ug/kg	
PCB-1242	ND	5000.	ug/kg	
PCB-1248	ND	5000.	ug/kg	
PCB-1254	ND	10000.	ug/kg	
PCB-1260	37000.	10000.	ug/kg	

Tested By : BTS  
 Validated By: GRA

SF 067012

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S+T4-8  
Matrix: SOIL  
Lab ID: 844094-SA-A  
Project #: 88-150.50

*W.S.  
Frank*

Test Description: Total Extractable Hydrocarbon

Analyte

Total Extractable Hydrocarbons

Result\*

ND

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Tested By : BTS  
Validated By: GRA

\* ND indicates a compound was not detected at a concentration greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : M092889DG1  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Volatile Organics, GC/MS

Analyte	Result*	Reporting Limit	Units	Method
Chloromethane	ND	250.	ug/kg	EPA 8240
Bromomethane	ND	250.	ug/kg	
Vinyl Chloride	ND	250.	ug/kg	
Chloroethane	ND	250.	ug/kg	
Methylene Chloride	ND	125.	ug/kg	
Acetone	ND	250.	ug/kg	
Carbon Disulfide	ND	125.	ug/kg	
1,1-Dichloroethene	ND	125.	ug/kg	
1,1-Dichloroethane	ND	125.	ug/kg	
1,2-Dichloroethene (total)	ND	125.	ug/kg	
Chloroform	ND	125.	ug/kg	
1,2-Dichloroethane	ND	125.	ug/kg	
2-Butanone	ND	250.	ug/kg	
1,1,1-Trichloroethane	ND	125.	ug/kg	
Carbon Tetrachloride	ND	125.	ug/kg	
Vinyl Acetate	ND	250.	ug/kg	
Bromodichloromethane	ND	125.	ug/kg	
1,2-Dichloropropane	ND	125.	ug/kg	
cis-1,3-Dichloropropene	ND	125.	ug/kg	
Trichloroethene	ND	125.	ug/kg	
Dibromochloromethane	ND	125.	ug/kg	
1,1,2-Trichloroethane	ND	125.	ug/kg	
Benzene	ND	125.	ug/kg	
trans-1,3-Dichloropropene	ND	125.	ug/kg	
Bromoform	ND	125.	ug/kg	
4-Methyl-2-pentanone	ND	250.	ug/kg	
2-Hexanone	ND	250.	ug/kg	
Tetrachloroethene	ND	125.	ug/kg	
1,1,2,2-Tetrachloroethane	ND	125.	ug/kg	
Toluene	ND	125.	ug/kg	
Chlorobenzene	ND	125.	ug/kg	
Ethyl Benzene	ND	125.	ug/kg	
Styrene	ND	125.	ug/kg	
Xylene (total)	ND	125.	ug/kg	

Tested By : JLB  
 Validated By: DLA

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : M100489AN1  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Base/Neutrals and Acids, GC/MS

Analyte	Result*	Reporting Limit	Units	Method
Phenol	ND	660.	ug/kg	EPA 8270
bis(2-Chloroethyl) ether	ND	660.	ug/kg	
2-Chlorophenol	ND	660.	ug/kg	
1,3-Dichlorobenzene	ND	660.	ug/kg	
1,4-Dichlorobenzene	ND	660.	ug/kg	
Benzyl alcohol	ND	660.	ug/kg	
1,2-Dichlorobenzene	ND	660.	ug/kg	
2-Methylphenol	ND	660.	ug/kg	
bis(2-Chloroisopropyl) ether	ND	660.	ug/kg	
4-Methylphenol	ND	660.	ug/kg	
N-Nitroso-di-n-dipropylamine	ND	660.	ug/kg	
Hexachloroethane	ND	660.	ug/kg	
Nitrobenzene	ND	660.	ug/kg	
Isophorone	ND	660.	ug/kg	
2-Nitrophenol	ND	660.	ug/kg	
2,4-Dimethylphenol	ND	660.	ug/kg	
Benzoic acid	ND	3200.	ug/kg	
bis(2-Chloroethoxy) methane	ND	660.	ug/kg	
2,4-Dichlorophenol	ND	660.	ug/kg	
1,2,4-Trichlorobenzene	ND	660.	ug/kg	
Naphthalene	ND	660.	ug/kg	
4-Chloroaniline	ND	660.	ug/kg	
Hexachlorobutadiene	ND	660.	ug/kg	
4-Chloro-3-methylphenol	ND	660.	ug/kg	
2-Methylnaphthalene	ND	660.	ug/kg	
Hexachlorocyclopentadiene	ND	660.	ug/kg	
2,4,6-Trichlorophenol	ND	660.	ug/kg	
2,4,5-Trichlorophenol	ND	3200.	ug/kg	
2-Chloronaphthalene	ND	660.	ug/kg	
2-Nitroaniline	ND	3200.	ug/kg	
Dimethylphthalate	ND	660.	ug/kg	
Acenaphthylene	ND	660.	ug/kg	

Tested By : AGN  
 Validated By: DLA

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : M100489AN1  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Base/Neutrals and Acids, GC/MS

Analyte	Result*	Reporting Limit	Units	Method
2,6-Dinitrotoluene	ND	660.	ug/kg	
3-Nitroaniline	ND	3200.	ug/kg	
Acenaphthene	ND	660.	ug/kg	
2,4-Dinitrophenol	ND	3200.	ug/kg	
4-Nitrophenol	ND	3200.	ug/kg	
Dibenzofuran	ND	660.	ug/kg	
2,4-Dinitrotoluene	ND	660.	ug/kg	
Diethylphthalate	ND	660.	ug/kg	
4-Chlorophenyl-phenylether	ND	660.	ug/kg	
Fluorene	ND	660.	ug/kg	
4-Nitroaniline	ND	3200.	ug/kg	
4,6-Dinitro-2-methylphenol	ND	3200.	ug/kg	
N-Nitrosodiphenylamine	ND	660.	ug/kg	
4-Bromophenyl-phenylether	ND	660.	ug/kg	
Hexachlorobenzene	ND	660.	ug/kg	
<Pentachlorophenol>	ND	3200.	ug/kg	
<Phenanthrene>	ND	660.	ug/kg	
<Anthracene>	ND	660.	ug/kg	
Di-n-butylphthalate	ND	660.	ug/kg	
Fluoranthene	ND	660.	ug/kg	
Pyrene	ND	660.	ug/kg	
Butylbenzylphthalate	ND	660.	ug/kg	
3,3'-Dichlorobenzidine	ND	1320.	ug/kg	
Benzo (a) anthracene	ND	660.	ug/kg	
Chrysene	ND	660.	ug/kg	
bis (2-Ethylhexyl) phthalate	990.	660.	ug/kg	
Di-n-octylphthalate	ND	660.	ug/kg	
Benzo (b) fluoranthene	ND	660.	ug/kg	
Benzo (k) fluoranthene	ND	660.	ug/kg	
Benzo (a) pyrene	ND	660.	ug/kg	
Indeno (1,2,3-cd) pyrene	ND	660.	ug/kg	
Dibenz (a,h) anthracene	ND	660.	ug/kg	
Benzo (g,h,i) perylene	ND	660.	ug/kg	

Tested By : AGN  
 Validated By: DLA

SF 067016

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50S-T4-8  
 Matrix: SOIL  
 Lab ID: 844094-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/14/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.025	mg/kg	EPA 8020
Toluene	ND	0.025	mg/kg	
Ethylbenzene	ND	0.025	mg/kg	
Xylene	0.064	0.025	mg/kg	

Tested By : RRE  
 Validated By: GRA

SF 067017

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-T4-8  
Matrix: SOIL  
Lab ID: 844094-SA-A  
Project #: 88-150.50

Test Description: Total Volatile Hydrocarbons  
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Analyte	Result*	Rep L
Total Volatile Hydrocarbons	ND	1.

Tested By : RRE  
Validated By: GRA

\* ND indicates a compound was not detected at a concentration greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-1A-3.5  
Matrix: SOIL  
Lab ID: 844095-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : P093089JP2  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	4900.	2000.	mg/kg	EPA 8015

*Which sample?  
pump island*

Tested By : JMP  
Validated By: GRA

SF 067019

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-IA-3.5  
Matrix: SOIL  
Lab ID: 844095-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	6.1	2.5	mg/kg	EPA 8020
Toluene	24.	2.5	mg/kg	
Ethylbenzene	37.	2.5	mg/kg	
Xylene	170.	2.5	mg/kg	

Tested By : RRE  
Validated By: GRA

SF 067020

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50S-IA-3.5  
Matrix: SOIL  
Lab ID: 844095-SA-A  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/14/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: Total Volatile Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Volatile Hydrocarbons	180.	100.	mg/kg	EPA 8015

Tested By : RRE  
Validated By: GRA

SF 067021

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50W-T1/2-8  
 Matrix: WATER  
 Lab ID: 844096-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	330.	50.	mg/L	EPA 8015

Tested By : JMP  
 Validated By: GRA

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50W-T1/2-8  
Matrix: WATER  
Lab ID: 844096-SA-D  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/15/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

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Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	50.	ug/L	EPA 602
Toluene	2700.	50.	ug/L	
Ethylbenzene	1100.	50.	ug/L	
Xylene	5100.	50.	ug/L	

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Tested By : RRE  
Validated By: GPA

SF 067023

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

**Canonie** Environmental

Client: SP Oakland  
 Sample ID: 50W-T1/2-8  
 Matrix: WATER  
 Lab ID: 844096-SA-F  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : NA  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Volatile Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Volatile Hydrocarbons	ND	2000.	ug/L	EPA 8015

Tested By : RRE  
 Validated By: GRA

SF 067024

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
 Sample ID: 50W-T3-8  
 Matrix: WATER  
 Lab ID: 844097-SA-A  
 Project #: 88-150.50

Date Reported: 10/31/1989  
 QC Batch # : P093089JP2  
 Date Sampled : 9/15/1989  
 Date Received: 9/20/1989  
 LP #: 7648

Test Description: Total Extractable Hydrocarbons

Analyte	Result*	Reporting Limit	Units	Method
Total Extractable Hydrocarbons	ND	2.5	mg/L	EPA 8015

Tested By : JMP  
 Validated By: GRA

SF 067025

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

Client: SP Oakland  
Sample ID: 50W-T3-8  
Matrix: WATER  
Lab ID: 844097-SA-D  
Project #: 88-150.50

Date Reported: 10/31/1989  
QC Batch # : NA  
Date Sampled : 9/15/1989  
Date Received: 9/20/1989  
LP #: 7648

Test Description: BTEX

Analyte	Result*	Reporting Limit	Units	Method
Benzene	ND	0.50	ug/L	EPA 602
Toluene	ND	0.50	ug/L	
Ethylbenzene	ND	0.50	ug/L	
Xylene	1.3	0.50	ug/L	

Tested By : RRE  
Validated By: GRA

SF 067026

\* ND indicates a compound was not detected at a concentration level greater than the reporting limit.

844070A - 8:105.F

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	ANALYSIS										REMARKS	
L.P. NO.	SAMPLERS: (Signature)		TVPH	BTX	TEPH	TOG (503 DTE)	CHLORINATED HYDROCARBONS	HA FOR CA	PCB	PCB/PAH	PERMUTATE (8270 808)			
DATE	SAMPLE I.D.		TVPH	BTX	TEPH	TOG	CHLORINATED	HA	PCB	PCB/PAH	PERMUTATE			
9/11/89	50S-T1/2-6'SE 844090A	1	X	X	✓							Brass Top	Soil	TEPH 1 WEEK TAT Soil
"	50S-T1/2-7'SW 844091A	1	X	X	✓									TVPH 1 WEEK TAT Soil
	50S-T3-5'W 844092A	1	X	X	✓									TEPH 1 WEEK TAT Soil
	50S-T3-6'E 844093A	1	X	X	✓									TEPH 1 WEEK TAT Soil
	50S-T4-8' 844094A	1	X	X	X	X	X	X	X	X	✓			TEPH & TVPH 1 WEEK TAT Soil
↓	50S-IA-3.5' 844095A	1	X	X	✓									TEPH & TVPH 1 WEEK TAT Soil
9/15/89	50W-T1/2-18' 844096A-F	6	X	X	X			ABC	3	Pint Mason Jar	3	40ul. vials	3	"LIQUID WASTE"
↓	50W-T3-8' 844097A-F	6	X	X	X			DEF	3	40ul. vials	3	MASON	3	"LIQUID WASTE"

REPORT mg/l

SF 067027

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 9/15/89 16:00	Received by: (Signature) _____	Remarks 1) STANDARD TAT UNIT IS NOTED OTHERWISE ABOVE 2) RESULTS TO B. WETZSTEON IN SAN MATEO 8080 FOR PCB qn PER B. WETZSTEON ICP FOR METALS 9.20.89
Relinquished by: (Signature) _____	Date/Time _____	Received by: (Signature) _____	
Relinquished by: (Signature) _____	Date/Time 9/16/89 15:00	Received for Laboratory by: (Signature) <i>Colleen D. Anderson</i>	

No 09292

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

