

S E M C O  
ENVIRONMENTAL CONTRACTORS & GENERAL ENGINEERING  
1741 LESLIE STREET  
SAN MATEO, CALIFORNIA 94402

ALCO  
HAZMAT

94 MAY 12 PM 1:15

May 11, 1994

Juliet Shin  
Alameda County  
Environmental Health Dept.  
80 Swan Way, Room 200  
Oakland, California 94621

Re: Tank Removal Report  
Alameda Terminals, 1521 Buena Vista, Alameda

Dear Juliet:

Please find enclosed the tank removal report for the above mentioned property.

If you have any questions, please give me a call.

Sincerely,



Rhonda Reames-Kiper  
SEMCO-SAN MATEO

cc: Stephan F. Petri, Alameda Terminals  
File

---

License # 449864  
A,B, C-61/D40  
Hazardous Substances Certification

(800) 831-2344  
(415) 572-8033  
(415) 572-9734 FAX

**TANK REMOVAL  
ACTIVITY REPORT  
1521 BUENA VISTA AVENUE  
ALAMEDA, CA**

**Prepared for:**

**ALAMEDA TERMINALS  
1521 BUENA VISTA AVENUE  
ALAMEDA, CALIFORNIA 94301  
(510) 523-2528**

**Submitted to:**

**ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPT.  
80 SWAN WAY  
OAKLAND, CALIFORNIA 94621  
(510) 271-4320**

**Prepared by:**

**SEMCO  
1741 LESLIE STREET  
SAN MATEO, CALIFORNIA 94402  
(415) 572-8033**

**JOB # 93-3504  
MAY 1994**

## **SCOPE OF WORK**

The scope of work was the removal of two (2) underground tanks, one (1) 2000 gallon diesel and one (1) 1000 gallon diesel. The tanks are located at Alameda Terminals, 1521 Buena Vista Avenue, Alameda. This report covers the tank removal and the soil sampling.

## **SITE DESCRIPTION**

This site is an industrial property, located at 1521 Buena Vista Avenue, Alameda, California. The tanks were located at two separate plants. The 2000 gallon tank was located at Plant # 1. The 1000 gallon tank was located at Plant # 2. Both tanks were laying in the North/South directions.

## **PROJECT DESCRIPTION**

On April 4, 1994, SEMCO arrived on site for tank removal preparation. On April 5, 1994, the tanks were accessed by excavating the soils above and alongside both tanks, and stockpiling it on site.

Residual fuel was pumped by Allied Petroleum on March 31, 1994. A combined total of 770 gallons of product was transported under manifest # 93391266 to Refineries Service on April 4, 1994. Both tanks were inerted by placing solid carbon dioxide (dry ice) in them until acceptable levels of oxygen and lower explosive limits were reached for removal. Alameda Fire Department was on site to verify the tank readings and was present during the removal and the loading activities.

The first tank removed was the 2000 gallon tank, located at Plant # 1. Upon removal, the tank was inspected by Alameda County representative, Juliet Shin, and the condition was noted as having corrosion at the North end seam. Although there was corrosion present, no holes were noted. After removal, the tank was identified with Tank # 13387 and placed on RHT's truck for transportation and disposal to Erickson, Inc. in Richmond.

Due to the fact that groundwater was encountered at the 6 foot level, soil samples were collected at the soil/water interface from each end (North/South) at the 6 foot level. A water sample was also collected at the 6 foot level from the center of the pit. Also collected was a four tube composite of the excavated spoils. There appeared to be odor and staining in the soil. The consistency of the soil was sandy and contained mussel shells.

During the course of excavating, the 1000 gallon tank at Plant # 2, it appeared that it was partially underneath a storage building. Upon removal, the tank was inspected by Alameda County representative Juliet Shin and the condition was noted as being double tar wrapped with most of the wrapping still intact, and no holes were apparent. The tank was then identified with Tank # 13388 and also loaded onto RHT's truck for disposal to Erickson, Inc.. Both tanks were transported under manifest # 92863895.

Soil samples were collected from the 1000 gallon tank at the North end at the 8 foot level. The sample at the South end could not be collected at the very end due to the building, so it was collected as far in as possible at the 8 foot depth. A four tube composite was collected from the excavated spoils. There was no groundwater encountered in this excavation, and the soil appeared to have no odor or staining. The consistency of the soil was noted as being sandy, moist and dark.

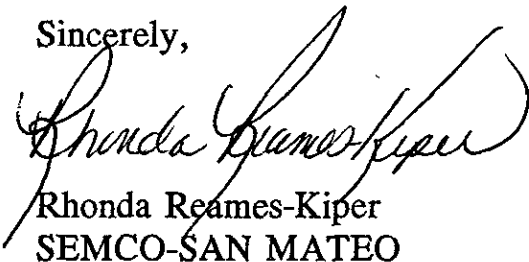
All soil samples were collected in clean brass sample tubes, which were sealed with Teflon tape, capped with pre-formed plastic end caps and sealed with masking tape. The water sample was collected in a one Liter amber bottle and two Voas. All samples were labeled, placed in an iced cooler and entered onto a chain of custody form for transportation to North State Environmental. Requested analysis were Total Petroleum Hydrocarbons (TPH) as diesel and Benzene, Toluene, Xylenes and Ethyl Benzene (BTXE).

Page 3

Upon receipt of the analytical, results demonstrated minor contamination in both excavations. A workplan has been submitted to Alameda County for the over excavation work and the ultimate soil disposal.

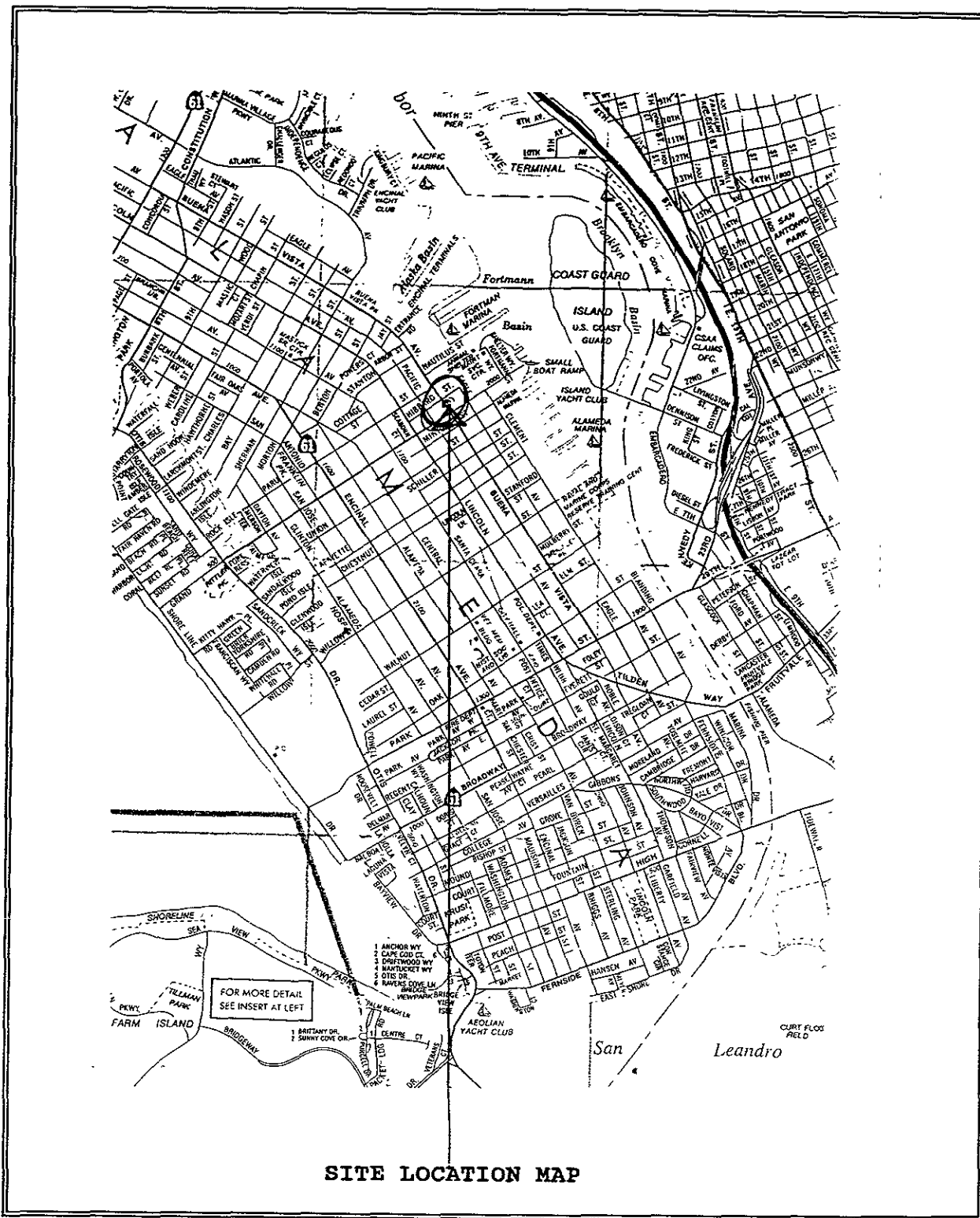
This report is for your files. If you have any questions, please don't hesitate to call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rhonda Reames-Kiper".

Rhonda Reames-Kiper  
SEMCO-SAN MATEO

APPENDIX



**ALAMEDA TERMINALS**  
**TANK REMOVAL ANALYTICAL**

**APRIL 5, 1994**

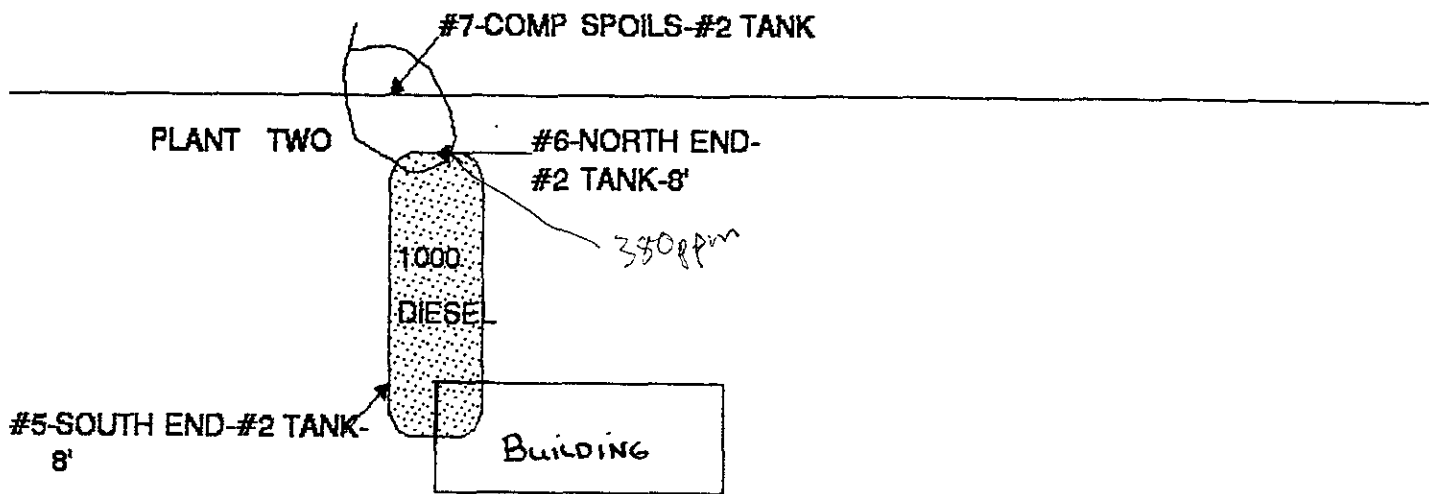
**2000 GALLON DIESEL TANK, PLANT # 1**

SAMPLE ID	DEPTH	TPH (D)	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES
#1 SOUTH	6 FEET	38 PPM	ND	0.011 PPM	ND	0.094 PPM
#2 NORTH	6 FEET	160 PPM	ND	ND	ND	0.018 PPM
#3 PIT WATER	6 FEET	26 PPM	ND	3 PPB	0.6 PPB	3 PPB
# 4 COMP SPOILS	N/A	3 PPM	BD	0.027 PPM	0.017 PPM	0.1 PPM

**1000 GALLON DIESEL TANK, PLANT # 2**

SAMPLE ID	DEPTH	TPH (D)	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES
#5 SOUTH	8 FEET	4 PPM	ND	ND	0.025 PPM	0.033 PPM
#6 NORTH	8 FEET	380 PPM	ND	ND	ND	ND
#7 COMP SPOILS	N/A	47 PPM	ND	0.053 PPM	0.012 PPM	0.063 PPM





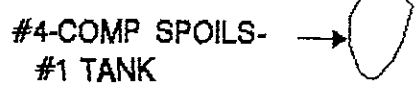
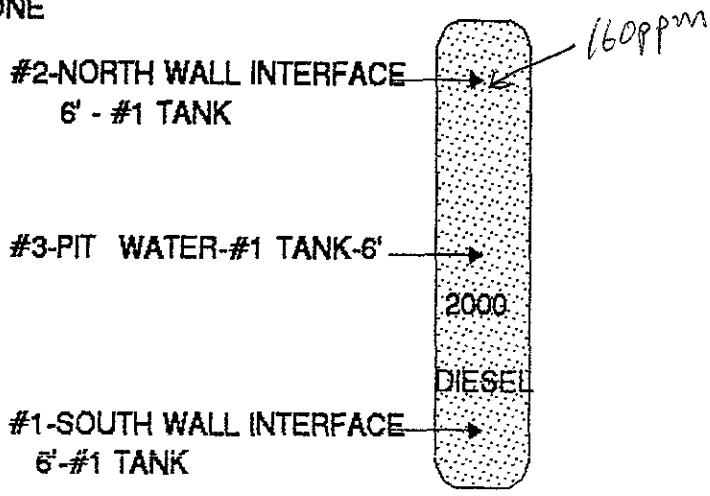
CONCRETE BLOCK  
RETAINING WALL

*Tank B*



PLANT ONE

*Tank A*



**S E M C O**

**1521 BUENA VISTA AVE  
ALAMEDA**

NOT TO SCALE





SEMCO  
APR 15 1994  
RECEIVED

94-357-06	#6 North End # 2 Tank 8'	Benzene	ND	
		Toluene	ND	
		Ethylbenzene	ND	
		Xylenes	ND	
		Diesel	380	mg/Kg
94-357-07	#7 Comp Spoils # 2 Tank	Benzene	ND	
		Toluene	0.053	mg/Kg
		Ethylbenzene	0.012	mg/Kg
		Xylenes	0.063	mg/Kg
		Diesel	47	mg/Kg

Control/Quality Assurance Summary: Soil

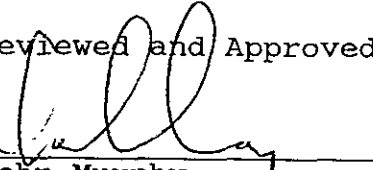
Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
BTXE	8020/5030	0.005 mg/Kg	ND	99%	6
Diesel	8015 M	1 mg/Kg	ND	95%	4

Control/Quality Assurance Summary: Water

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
BTXE	8020/5030	0.5 ug/L	ND	99%	6
Diesel	8015 M	0.05 mg/L	ND	95%	4

DOHS Certificate No: 1753

Reviewed and Approved

  
John Murphy  
Laboratory Director

Section I

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. \_\_\_\_\_

Consultant Name SEMCO  
 Office Location 1741 Leslie Rd. San Mateo, CA 94402  
 Fax No. (415) 572-9734  
 Project Manager Chuck Kipen  
 Phone (415) 572 8033

TURN AROUND TIME  
 (Circle One)  
 Same Day \_\_\_\_\_  
 24 Hrs \_\_\_\_\_  
 48 Hrs \_\_\_\_\_  
 72 Hrs \_\_\_\_\_  
 5 Day \_\_\_\_\_

SUPERIOR ANALYTICAL, INC.

Martinez San Francisco  
 415/229-1512 415/647-2081

Send Coolers to : Modesto  San Mateo

Project No. / P.O. No. 93-3504 ALAMEDA TERMINAL Sampler PAT VIGOR  
 Regulatory Agency ALAMEDA COUNTY

Section II		Analysis Request										Section III		Sample Information		
Sample Identification	S=Soil W=Water Matrix	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	O&G	8010	8240	Metals	Others * Subject to Subcontracting	Date	Time	Containers		Sampling Remarks	
													Quantity	Pres.	Bioremediation	Contamination
1 #1-SOUTH WALL INTERFACE 6'	S		✓		✓						4/5/94	11:15	1		94-357-01	
2 #2-NORTH WALL INTERFACE 6'	S		✓		✓						4/5/94	11:23	1		-02	
3 #3-P.T H <sub>2</sub> O 6 TANK	W		✓		✓						4/4/94	11:30	1 Amber 2 Vials		-03	
4 #4-COMP SPOILS TANK #1	S		✓		✓						4.5.94	11:40	4		-04	
5 #5-SOUTH END TANK #2	S		✓		✓						4.5.94	11:55	1		-05	
6 #6-NORTH END TANK #2	S		✓		✓						4.5.94	12:03	1		-06	
7 #7-COMP SPOILS TANK #2	S		✓		✓						4.5.94	11:55	4		-07	
8																
9																
10																
11																
12																

Received  
 APR 15 1994  
 SEMCO

Relinquished by Pat Vigor  
 Organization \_\_\_\_\_  
 Relinquished by \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Relinquished by \_\_\_\_\_  
 Organization \_\_\_\_\_

Date/Time  
4-5-94 3:15  
 Date/Time \_\_\_\_\_  
 Date/Time \_\_\_\_\_

Received by \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Received by \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Received by [Signature]  
 Organization USE LAB

Please Initial \_\_\_\_\_  
 Samples Stored in Ice \_\_\_\_\_  
 Appropriate Containers \_\_\_\_\_  
 Samples Preserved \_\_\_\_\_  
 VOA's without Headspace \_\_\_\_\_  
 Comments \_\_\_\_\_



6. Contractor SEMCO  
Address 1741 Leslie Street  
City San Mateo, CA 94402 Phone (415) 572-8033  
License Type A.B. & C-61 ID# 449864

7. Consultant N/A  
Address \_\_\_\_\_  
City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation  
Name Chuck Kiper Title Vice-President  
Phone (415) 572-8033

9. Number of tanks being closed under this plan 2  
Length of piping being removed under this plan undetermined  
Total number of tanks at facility 2

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

\*\* Underground tanks are hazardous waste and must be handled \*\*  
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name Allied Petroleum EPA I.D. No. CAL 000112314  
Hauler License No. 1168 License Exp. Date 4/30/94  
Address 1217 7TH Street  
City Modesto State CA Zip 95351

b) Product/Residual Sludge/Rinsate Disposal Site

Name Refineriés Services EPA I.D. No. CAD083166728  
Address 13331 West Highway 33  
City Patterson State CA Zip 95363

c) Tank and Piping Transporter

Name RHT Trucking EPA I.D. No. CAL 000112413  
Hauler License No. 2753 License Exp. Date 4/30/94  
Address 1217 7TH Street  
City Modesto State CA Zip 95351

d) Tank and Piping Disposal Site

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

11. Experienced Sample Collector

Name Chuck Kiper  
Company SEMCO  
Address 1741 Leslie Street  
City San Mateo State CA Zip 94402 Phone (415)572-8033

12. Laboratory

Name Superior Analytical  
Address 1555 Burke Unit I  
City San Francisco State CA Zip 94124  
State Certification No. 1332 & 319

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

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

14. Describe methods to be used for rendering tank inert

High pressure hot water detergent wash.  
20 lbs. per 1000 gallons dry ice. Fire Dept Reg 25lbs per 1000 gal  
LEL < 10% O<sub>2</sub> < 10%

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
2000 gallon	diesel	soil/water if encountered	2 ft. below tank in native soil <i>2 soil samples from bottom of tank</i>
appx 1,000 to 2,000 gallon	diesel	soil/water if encountered	2 ft. below tank in native soil <i>2 soil samples from bottom of tank</i>
		<i>If groundwater is present, soil groundwater samples must be collected from bottom of tank</i>	

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.



Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) Anywhere from approx. 25 to 100 cy	Sampling Plan Soil samples taken from the tank excavation will be collected, placed in brass tubes, sealed with foil, Teflon caps, sealed with approved tape, placed on ice, transported to state certified lab under chain of custody and analyzed for constituents of tank. <i>3 samples 200g if plans to wash on site</i> <i>1 sample 300g if plans to haul off site</i>

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Diesel, Jet Fuel and Kerosene <i>and BTEX</i>	TPH D BTX&E TPH AND BTX&E	GCFID(3550) 8020 or 8240 8260	TPH D BTX&E GCFID(3510) 602, 624 or 8260

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer Superior National Insurance Company

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

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

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Chuck Kiper,

Signature *Chuck Kiper*

Date 1-19-94

Signature of Site Owner or Operator

Name (please type) STEPHAN F. PETRI

Signature *Stephan F. Petri*

Date 1-19-94

PERMIT # B94-0134  
\_\_\_\_\_  
\_\_\_\_\_

CITY OF ALAMEDA  
02/10/94  
-----

APPROVED BY:  
JT

VALUATION: 7,800

ADDRESS: 1521 BUENA VISTA AVE  
JOB: REMOVE 2 UNDERGROUND TANKS  
PERMITTEE: SEMCO  
PHONE: 415-572-8033

-----

FOUNDATIONS: _____	SHEETROCK/INTERIOR LATH: _____
_____	(Required Before Taping or Plastering)
ROUGH PLUMBING: _____	EXTERIOR LATH: _____
_____	(Required Before Stucco)
ROUGH ELECTRIC: _____	DESIGN REVIEW: _____
_____	
ROUGH PLUMBING: _____	GAS TEST _____
_____	
ROUGH HEATING & VENTILATION: _____	KELLY TEST _____
_____	
SUB FLOOR: _____	SEWER REPAIR/REPLACEMENT _____
_____	
FRAME: _____	FINAL ELECTRIC: _____
_____	
INSULATION: _____	FINAL - FIRE DEPT.: _____
_____	
CERTIFICATE	FINAL - PLUMBING: _____
**COMMENTS**	FINAL - HEATING & VENTILATION: _____
_____	
_____	FINAL - BUILDING: _____

-----

DO NOT OCCUPY STRUCTURE UNTIL CERTIFICATION OF OCCUPANCY HAS BEEN ISSUED.  
FOR CERTIFICATE OF OCCUPANCY TO BE ISSUED, A COPY OF THE HARD CARD WITH  
ALL FINALS NEEDS TO BE FILED WITH THE CENTRAL PERMIT OFFICE.

\*\*\*\*\*SMOKE DETECTORS REQUIRED---U.B.C. SEC. 1210\*\*\*\*\*  
"When alterations, repairs or additions are made to an existing residence and  
the valuation of the improvements exceed \$1,000.00, the entire building shall  
be provided with smoke detectors as required for new residences."  
=====

FOR INSPECTIONS - CALL

BUILDING 748-4564	PLUMBING & MECHANICAL 748-4563	ELECTRICAL 748-3995
8:00 - 10:00 A.M.	8:00 - 10:00 A.M.	748-3996
		8:00-10:00 A.M.

NO INSPECTIONS ON FRIDAY!!!!  
=====

CITY OF ALAMEDA  
 CENTRAL PERMITS OFFICE  
 2263 Santa Clara Ave. Room 204  
 Alameda, CA 94501

Permit No: B94-0134  
 Status: APPROVED

Page 1 of 1  
 02/10/94 10:40

JOB ADDRESS : 1521 BUENA VISTA AVE  
 PERMIT TYPE : COMMERCIAL BUILDING PERMIT  
 Parcel number : 072 -0380-013-00

Applied : 02/07/94  
 Approved : 02/10/94  
 Final :  
 Expired :  
 Class code : 437  
 Valuation: 7,800

Owner : ENCINAL INDUSTRIES INC  
 P O BOX 2453  
 ALAMEDA CA 94501

HOURS OF CONSTRUCTION  
 MONDAY - FRIDAY 7 A.M. TO 7 P.M.  
 SATURDAY & SUNDAY 8 A.M. TO 5 P.M.

Applicant : SEMCO  
 1741 LESLIE ST.  
 SAN MATEO, CA. 94402  
 415-572-8033

*Mailed*  
 \_\_\_\_\_  
 Signature

Project Title : REMOVE 2 UNDERGROUND TANKS  
 Project Desc. : REMOVE 2 UNDERGROUND TANKS

CONTRACTOR : SEMCO  
 1741 LESLIE ST  
 SAN MATEO, CA 94403

Lic. C 449864 572-8033

Fee description	Units	Fee/Unit	Ext fee	Data
Permit Filing Fee .....			11.40	Y
Building Permit Fee.....			108.90	Y
Assembly Bill 941 .....			5.00	Y
S.M.I.P .....			1.64	Y
Improvement Tax ....(Enter 'Y').>			78.00	Y
Fire Dept.(Enter Amount).....>	360.00		360.00	
Micro-fiche Fee .....	44.20		44.20	
*** Fees Required ***			Fees Collected & Credits	***

Account No.	Receipt No.	Date	Payment
001-300-4240-3745	R9400484	02/07/94	11.40
001-300-4220-3340	R9400484	02/07/94	108.90
001-300-4240-3305	R9400484	02/07/94	5.00
001-220-0000-2239	R9400484	02/07/94	1.64
164-300-0000-3225	R9400484	02/07/94	78.00
310-300-9081-3726	R9400484	02/07/94	360.00
001-300-4240-3792	R9400484	02/07/94	44.20
Fees:	609.14		
Adjustments:	.00	Total Credits:	.00
Total Fees:	609.14	Total Payments:	609.14
		Balance Due:	.00

FOR INSPECTIONS CALL: BUILDING 748-4564 (8:30-10:00 A.M.)  
 PLUMBING & MECHANICAL 748-4563 (8:30-10:00 A.M.)  
 ELECTRICAL 748-3995 (8:00-10:00 A.M.)  
 OR 748-3996 (8:00-10:00 A.M.)



P. 2 of 3

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

## Hazardous Materials Division Inspection Form

Site ID# 312 Site Name Environmental Truck Wash Today's Date 4/15/94  
 Site Address 1521 B. Street Santa Fe Ave EPA ID# \_\_\_\_\_  
 City Alameda Zip 94501 Phone \_\_\_\_\_

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

**Inspection Categories:**

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

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

**I.A. GENERATOR (Title 22)**

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

**Comments:**

*Handwritten notes in the comments section describing violations and observations during the inspection.*

**I.B. TRANSPORTER (Title 22)**

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

Contact: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_

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

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

## Hazardous Materials Division Inspection Form

Site ID# 3522 Site Name Enomal Terminals Today's Date 4/5/91  
 Site Address 1581 Buena Vista EPA ID# \_\_\_\_\_  
 City Alameda Zip 94501 Phone \_\_\_\_\_

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

**Inspection Categories:**

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

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

**IA GENERATOR (Title 22)**

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

**Comments:**

Work used to be done in the building. A sign was collected in boxes as possible, from about 8' high, removed further in. No apparent odor. Soil sample was collected from 12 feet below tank on north side, also from 8' high. Some moist, dark soil of that indication color. No groundwater shown in pit. Apparently, according to Terry, these tanks were not water level tanks, but others that were connected to ground water in building. E.P.A. will visit if necessary. Subsequent to this visit, it was determined that the tanks were not water level tanks. The tanks were not water level tanks, but others that were connected to ground water in building. E.P.A. will visit if necessary. Subsequent to this visit, it was determined that the tanks were not water level tanks.

**IB TRANSPORTER (Title 22)**

- |          |                           |       |
|----------|---------------------------|-------|
| —        | 32. Applic./insurance     | 66428 |
| —        | 33. Comp. Cert./CHP Insa. | 66448 |
| —        | 34. Containers            | 66465 |
| <hr/>    |                           |       |
| Manifest | — 35. Vehicles            | 66465 |
|          | — 36. EPA ID #s           | 66531 |
|          | — 37. Correct             | 66541 |
|          | — 38. HW Delivery         | 66543 |
|          | — 39. Records             | 66544 |
| <hr/>    |                           |       |
| Cont'n's | — 40. Name/ Covers        | 66545 |
|          | — 41. Recyclables         | 66800 |

Rev 6/88

Contact: Terry Van Housen  
 Title: Manager  
 Signature: [Signature]  
 Inspector: [Signature]  
 Signature: [Signature]

SEMCO ENVIRONMENTAL CONTRACTORS

SAN MATEO - (800)831-2344 (415)572-8033  
 MODESTO - (800)585-9293 (209)524-9653

UST CLOSURE INSPECTION WORKSHEET

1521 Buena Vista, Alameda Alameda Terminals 93-3504

UST SITE ADDRESS

BUSINESS NAME

JOB #

Juliet Chin

Opt McKinnley

ENV. HEALTH INSP.

FIRE INSP.

DATE

NOTES

	Tank ID #	Tank Volume	Date Tank Closed
1	13387 #1	2000	
2	13388 #2	1000	
3			
4			
5			
6			
7			

TANK 13387 HAS A BROKEN  
 WELD ON BOTTOM OF THE TANK. NONE  
 FILL SIDE  
 TANK 13388 SOIL SURROUNDING  
 SMELLED LIKE FISH EMULSION.

UST CONDITION	TANK #	1	2				
	LELOKD	✓	✓				
	PRODUCT FREE	✓	Yes				
	HOLES/PITS	Yes	NO				
	TANK CUT/CLEANED	NO	NO				
RUST/SCALES	NO	NO					
SOIL CON. DITION	VAPOR	✓	?				
	DISCOLORATION	✓	?				
GROUND WATER	SHEEN		NO				
	FLOATING PRODUCT	✓	NO				
ANALYTICALS REQUESTED	TPH GAS						
	TPH DIESEL	✓	✓				
	TOTAL OIL AND GREASE						
	BTX&E (8020)	✓	✓				
	TOTAL LEAD						
	Cl, Cr, Pb, Zn, Ni						
	8010 & 8020 or 8240						
	8270						

PROJECT MANAGER

6 ft

DEPTH OF EXCAVATION

6 ft

DIMENSION OF EXCAVATION

TANK MANIFEST #

LIQUID MANIFEST #

DEPTH TO GROUNDWATER

6'



92863895  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA C 0 0 0 7 1 5 4 6 4 6 3 8 9 5	Manifest Document No. 63895	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Peter Wang 1521 Buena Vista Ave Alameda, CA 94501		4. Generator's Phone 510-523-2528			
5. Transporter 1 Company Name RICH HAMILTON TRUCKING		6. US EPA ID Number CA A L L O O O 1 1 2 4 1 3			
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ERICKSON, INC. 255 PARR BLVD. RICHMOND, CA 94801		10. US EPA ID Number CA A D O O 9 4 6 6 3 9 2			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total	14. Unit	
a. WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID.		No. Type	Quantity	Wt/Vol	
		010Z T I P	0.3000	P	
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information KEEP AWAY FROM SOURCES OF IGNITION. ALWAYS WEAR HARD HATS WHEN WORKING AROUND U.S.T.'s 24 HR. CONTACT NAME <u>Stephan Petri</u> & PHONE <u>510-523-2528</u> 2 EMPTY STORAGE TANK(S) BEING TREATED WITH 15 LBS. OF DRY ICE PER 4000 GAL. CAPACITY.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws  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.					
Printed/Typed Name <u>SOMMER, ROBERT G</u>		Signature <i>Robert Sommer</i>		Month Day Year 04/05/91	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>TIM HOWARD</u>		Signature <i>Tim Howard</i>		Month Day Year 04/05/91	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space <u>#2) pg. 1 of 1</u>					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name <u>KAREN RUFFIN</u>		Signature <i>Karen Ruffin</i>		Month Day Year 04/05/91	

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

# CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

**NO. 18671**

CUSTOMER SEMCO
JOB NO. 84617

Erickson, Inc. 13387

FOR: \_\_\_\_\_ TANK NO. \_\_\_\_\_

Richmond 04/06/94 09:03:28  
LOCATION: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

Visual Gastech/1314 SMPN

TEST METHOD \_\_\_\_\_ LAST PRODUCT Diesel

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition 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.

2000 Gallon Tank

SAFE FOR FIRE

TANK SIZE \_\_\_\_\_ CONDITION \_\_\_\_\_

OXYGEN 20.9%

REMARKS: LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN  
CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS  
WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions 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 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that 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

*K. Dick*

TITLE

INSPECTOR

*[Signature]*

DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

# CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

## NO. 18687

CUSTOMER SEMCO
JOB NO. 84617

FOR: Erickson, Inc. TANK NO. 13388

LOCATION: Richmond DATE: 04/06/94 TIME: 12:37:03

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT Diesel

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition 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 SIZE 1000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%  
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions 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 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that 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 [Signature] TITLE \_\_\_\_\_ INSPECTOR [Signature]

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **CALC000715464** Manifest Document No. **91266** 2. Page 1 of 1  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**ALAMEDA TERRAZAS TERMENALS**  
**P.O. BOX 2453 ALAMEDA, CA 94501**  
4. Generator's Phone (510) 523-2528

5. Transporter 1 Company Name **ALLIED PETROLEUM** 6. US EPA ID Number **CALC000112314**

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

9. Designated Facility Name and Site Address **REFINERIES SERVICE**  
**13331 N HWY 33**  
**PATTERSON, CA 95353** 10. US EPA ID Number **CAD0083166728**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. <b>Waste oil Combustible Liquid</b> <b>NOS NA 1270</b>	<b>0101</b>	<b>TT</b>	<b>00770</b>	<b>G</b>
b.				
c.				
d.				

15. Additional Descriptions for Materials Listed Above \_\_\_\_\_  
K. Handling Codes for Wastes Listed Above **01**

15. Special Handling Instructions and Additional Information  
**USE APPROPRIATE PROTECTIVE GEAR**  
**DESIGNATED FACILITY EMERGENCY CONTACT # (809) 874-4444**  
**GENERATOR EMERGENCY CONTACT # (510) 523-2528**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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.

Printed/Typed Name **John Kra** Signature **[Signature]** Month **03** Day **31** Year **99**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **Colin Kelley** Signature **[Signature]** Month **03** Day **31** Year **99**

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 **Martin Wray** Signature **[Signature]** Month **04** Day **10** Year **99**

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

93391266

GENERATOR

TRANSPORTER

FACILITY

JOB SITE SURVEY - EVALUATION

1) UTILITIES

a) Underground

1: Is area marked for USA: YES: \_\_\_\_\_ NO:

2: Are utilities marked: YES: \_\_\_\_\_ NO:

b) Utilities overhead

1: Are any present: YES:  NO: \_\_\_\_\_

2: Will ay affect work: YES: \_\_\_\_\_ NO:

3: If any- define: \_\_\_\_\_

2) TRAFFIC PATTERN

a) Excavated soils impact: YES: \_\_\_\_\_ NO:

1: If yes, is alternate area available, if so, describe: \_\_\_\_\_

b) Imported Backfill impact: YES: \_\_\_\_\_ NO:

1: If yes describe alternate area available: \_\_\_\_\_

3) TRUCK ACCESS

a) 10 wheel dump: yes

b) 18 wheel dump: yes

c) Transfer Dump: yes

4) RAINY WEATHER CONDITION

a) Are downspouts, gutters, etc., in area of excavation  
 YES: \_\_\_\_\_ NO:

If yes, describe method of diversion: \_\_\_\_\_

b) Gutter, curblin intrusion: YES: \_\_\_\_\_ NO:

If yes, describe method of diversion: \_\_\_\_\_

c) Surface runoff or sheetflow: YES: \_\_\_\_\_ NO:

If yes, describe method of diversion: \_\_\_\_\_

5) IF CONTAMINATION IS PRESENT, DETERMINE GROUNDWATER DEPTH:

a) Any nearby creeks, canals or sloughs: YES:  NO: \_\_\_\_\_

If yes, describe where in relation to work and approximate depth to H2O: DOWN GRADIENT FROM BOTH EXCAVATIONS APPROX 100 FT IS THE BAY

b) Ground water monitoring wells on neighboring properties:  
 YES: \_\_\_\_\_ NO: \_\_\_\_\_

If yes, what is the street address and facility name: \_\_\_\_\_

c) Is there a private well on subject property: YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, give exact location of well: \_\_\_\_\_

6) SOIL CONSISTENCY

a) Clayey: YES  NO \_\_\_\_\_

b) Sand: YES  NO \_\_\_\_\_

c) Silty sand: YES \_\_\_\_\_ NO \_\_\_\_\_

d) Bay mud: YES  NO \_\_\_\_\_

e) Rocky: YES  NO \_\_\_\_\_

f) Describe any or other soil conditions: \_\_\_\_\_

10.0 Signatures & Acknowledgments:

I acknowledge having read and understand the preceding Health & Safety Plan:

Patrick H. Vogel 4.21.99  
Signature Date

\_\_\_\_\_  
Signature Date

James Henry 4-21-99  
Signature Date

\_\_\_\_\_  
Signature Date

E. Adams 4-21-99  
Signature Date

\_\_\_\_\_  
Signature Date

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Signature Date

\_\_\_\_\_  
Signature Date

UNFILED 1.02

**WORK PLAN FOR OVER-EXCAVATION  
AT 1521 BUENA VISTA AVENUE, ALAMEDA  
APRIL 29, 1994**

**1.0 BACKGROUND**

Semco was contracted by Alameda Terminals, located at 1521 Buena Vista Avenue, to remove one (1) 2,000 gallon, and one (1) 1,000 gallon underground storage tank at the same address (See site map for location)

**2.0 SITE HISTORY**

The site is an industrial property. Semco has contracted with Alameda Terminals for the remediation work.

2.1. The underground storage tanks were removed on Tuesday, April 5, 1994. The tanks were transported to Erickson, Inc. by Richard Hamilton Trucking under manifest #92863895. Samples were collected from the 2,000 gallon tank site at the north, and south end of the excavation, above the water interface, at minus 6'. Samples were collected from the 1,000 gallon site at the north, and south end of the excavation, at minus 8'. Water was not encountered at the 1,000 gallon tank site. One (1) composite soil sample was taken from each of the two sites. All samples were taken under the direction of Juliet Shin, Alameda County Environmental Health Department. (See sample location map).

2.2. The condition of the tanks were noted by Semco and Juliet Shin as follows:

2,000 gallon tank - North end of tank, seam weld eroded, ( screw driver/probe was able to slip through the seam. Some corrosion present, but no other holes apparent.

1,000 gallon tank - Tank was in tact, with double tar wrap (most of wrap still in place). No apparent holes in tank.

**3.0 ANALYTICAL PROTOCOLS AND RESULTS**

All samples were taken by Semco under the direction of Juliet Shin, Alameda County Environmental Health Department, using clean 2" x 6" brass tubes. They were sealed with teflon tape, capped with pre-formed end caps, and sealed with masking tape at each end. The samples were placed in an iced cooler for transportation under a Chain of Custody to North State Environmental for analysis. The soil six (6) soil samples, and one (1) water sample were analyzed for TPH as Diesel, and BTXE. (See analytical results with Chain of Custody).

**4. CONCLUSIONS AND RECOMMENDATIONS**

Based on the relatively low levels of contamination Semco proposes to perform minor over-excavation at both former tank sites. During excavation, field screening will be performed by use of a Photo Ionization Detector (PID). Semco will perform de-watering during excavation if ground water is encountered. Following excavation, confirmation samples will be obtained under the direction of Alameda County Environmental Health Department. The excavation will then be backfilled to grade with an approved material. Excavated soil, and pumped ground water will be stored on-site pending characterization for disposal.

FILE COPY

# SEMCO

ENVIRONMENTAL & GENERAL ENGINEERING CONTRACTOR  
HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

LICENSE # 449864 A, B, C61/D40

1217 So. 7th STREET, MODESTO, CALIFORNIA 95351 (209) 524-9653  
1741 LESLIE STREET, SAN MATEO, CALIFORNIA 94402 (415) 572-8033

April 29, 1994

Juliet Shin  
Alameda County  
Department of Environmental Health  
80 Swan Way, #200  
Oakland, California 94621

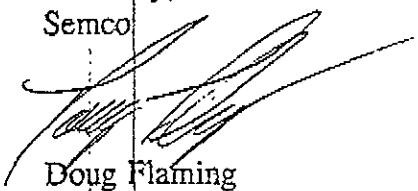
Re: Encinal Terminals, 1521 Buena Vista Avenue, Alameda, California

Subject: Proposed Work Plan for Site Remediation

Dear Juliet,

Attached please find the proposed Work Plan for continued work at the referenced site. Also attached are the tank removal analytical results from which the Work Plan is based. If you should have any questions or need further information please contact me at (209) 524-9653.

Sincerely,  
Semco



Doug Flaming  
Operations Manager

Enclosure