

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

ALCO
HAZMAT
91 JUN -7 PM 2:22

June 3, 1994


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

Re: Tank Removal Report, 3600 MacArthurblvd., Oakland

Dear Juliet:

Please find enclosed, a copy of the tank removal report for the above mentioned address.
If you have any questions, please give me a call.

Respectfully,


Rhonda Reames-Kiper
SEMCO-SAN MATEO

cc: Wannetta Hall
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**

**3600 MACARTHUR BLVD.
OAKLAND, CALIFORNIA**

Prepared for:

**WANNETTA HALL
3600 MACARTHUR BLVD.
OAKLAND, CALIFORNIA 94619
(510) 532-9499**

Submitted to:

**ALAMEDA COUNTY
ENVIRONMENTAL HEALTH DEPARTMENT
80 SWAN WAY, ROOM 200
OAKLAND, CALIFORNIA 94621
(510) 644-7719**

Prepared by:

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

**JOB # 94-3571
JUNE 1994**

SCOPE OF WORK

The scope of work was the removal of four (4) Underground Storage Tanks; 2 8,000 gallon steel gasoline, 1-6000 gallon fiberglass diesel and 1-100 gallon steel waste oil, from the property owned by Wanetta Hall. This report covers the removals and related soil sampling.

SITE DESCRIPTION

This site is a commercial property located in Alameda County at 3600 MacArthur Blvd., Oakland, California. The Gas and Diesel tanks were located in the middle of the lot and the Waste Oil tank was on the North East end of the building.

SITE WORK

On March 30, 1994, after removing the pumps and vent lines, the tanks were pumped by Allied Petroleum. A combined total of 530 gallons of water and fuel was transported to Refineries Service under manifest # 93391240. The concrete and pavement was removed from above the tanks and the excavating process began.

On March 31, 1994, the tanks were completely accessed. The tanks were rinsed with a high pressure hot water detergent wash and inerted with solid carbon dioxide (dry ice) until acceptable levels of oxygen and lower explosive limits were reached for a safe removal. The Oakland Fire Department was on site to verify the tank readings, removal and loading activities. The 280 gallons of rinsate and water was pumped by Allied Petroleum and transported to Refineries Service under manifest # 93391267.

The first tank removed was the waste oil tank. The condition of the tank was noted by Juliet Shin, Alameda County Environmental Health Department, as having no apparent holes. Groundwater appeared to be percolating into the excavation and strong soil odor and discoloration were noted. The soil was of sandy consistency.

The soil sample was collected from the soil/water interface at a 5 foot depth. A water sample was collected and a composite of the excavated spoils. These samples were to be analyzed for Total Petroleum Hydrocarbons as Gas & Diesel (TPH-G/D), Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX), Total Oil and Grease (TOG), Method 8010, 8270 and ICAP 5 Metals.

Before the two 8,000 gallon and the 6,000 gallon tanks were removed, a water sample was collected from the excavation. The property owner chose to only do a minimal water characterization, so the water was not pumped and allowed to recharge.

At this time, the 8,000 gallon gas tanks were removed. The condition of the tanks were noted as having no apparent holes and only minor rust. The 6,000 gallon diesel tank was then removed and was also noted as having no obvious holes, although there was a slight sheen on the groundwater underneath the diesel tank.

The inerted tanks were identified with tank numbers - 13338, 13339, 13340 & 13341 and then placed on RHT trucks and transported to Erickson, Inc., Richmond under manifest #'s 92892409 & 93266947 for disposal.

At this time, soil samples were collected. Sample # 4 was collected from the East Sidewall at the 7 foot depth. The soil type was noted as gravelly clay, greenish in color with no petroleum odor. Sample # 6 was collected from the North sidewall at the 7 foot depth. The soil was noted as being tight gravelly clay, partially green in color with no petroleum odors. Sample # 7 was collected from the South sidewall at 7 feet in depth, below the piping which lead to the dispensers. This sample had strong petroleum odors. Sample # 8 was collected from the West wall at 7 feet. The soil was noted as being gravelly clay with no petroleum odor. (Please see attached sampling map)

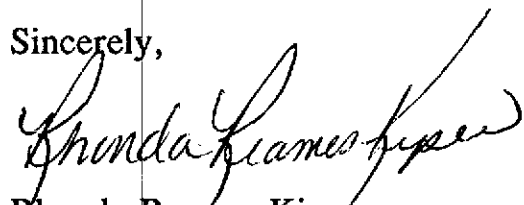
Due to safety concerns regarding the area, the excavated spoils were placed in the excavation with a poly film liner and then brought to grade with clean fill material.

Page 3

Analytical results demonstrated there are levels of contaminants which may require over excavation. Once the decision is made as to the remediation, a workplan will be submitted to Alameda County Environmental Health Department by the property owner's representative.

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

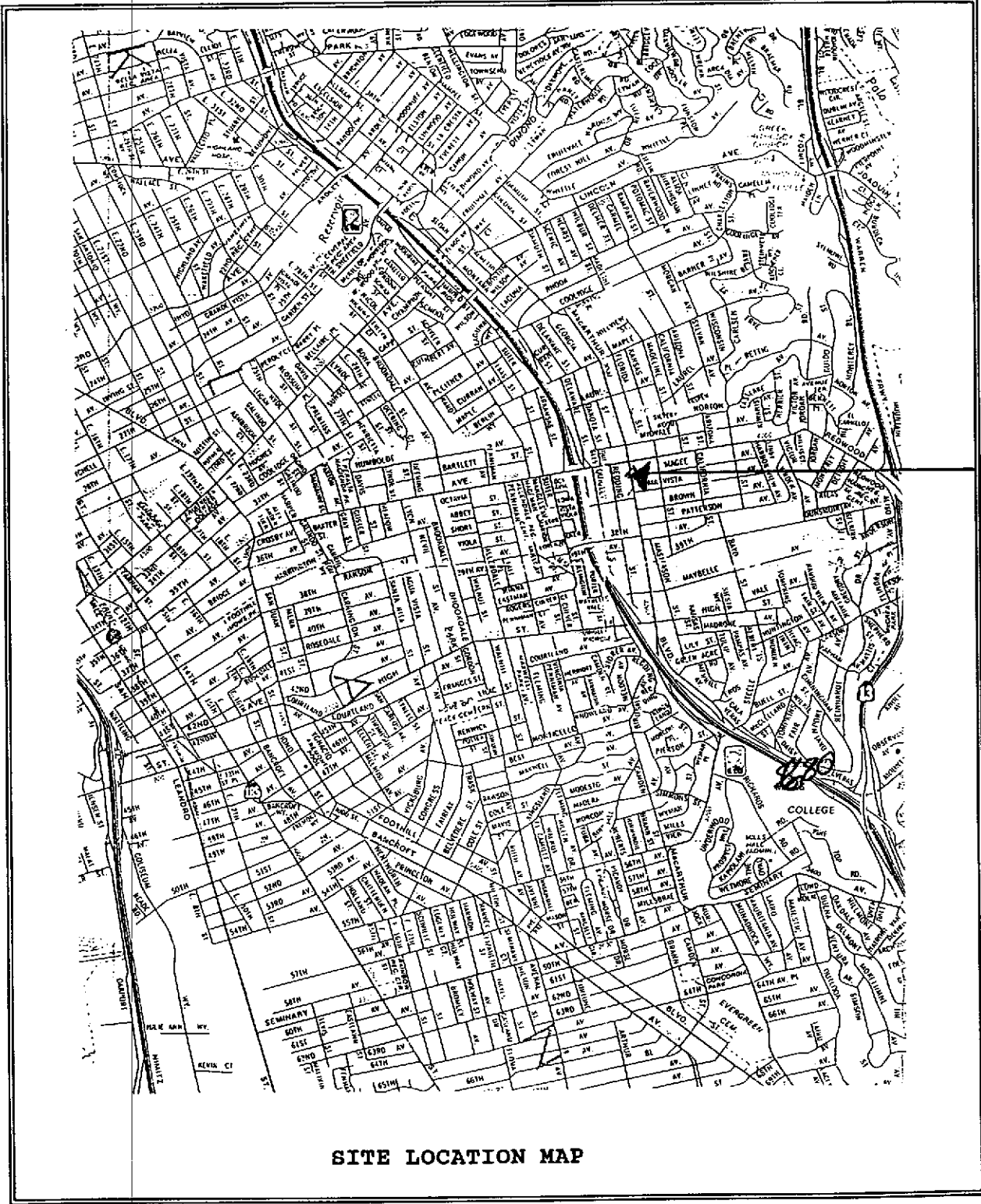
Sincerely,

A handwritten signature in cursive script that reads "Rhonda Reames-Kiper". The signature is written in black ink and is positioned above the printed name.

Rhonda Reames-Kiper
SEMCO-SAN MATEO



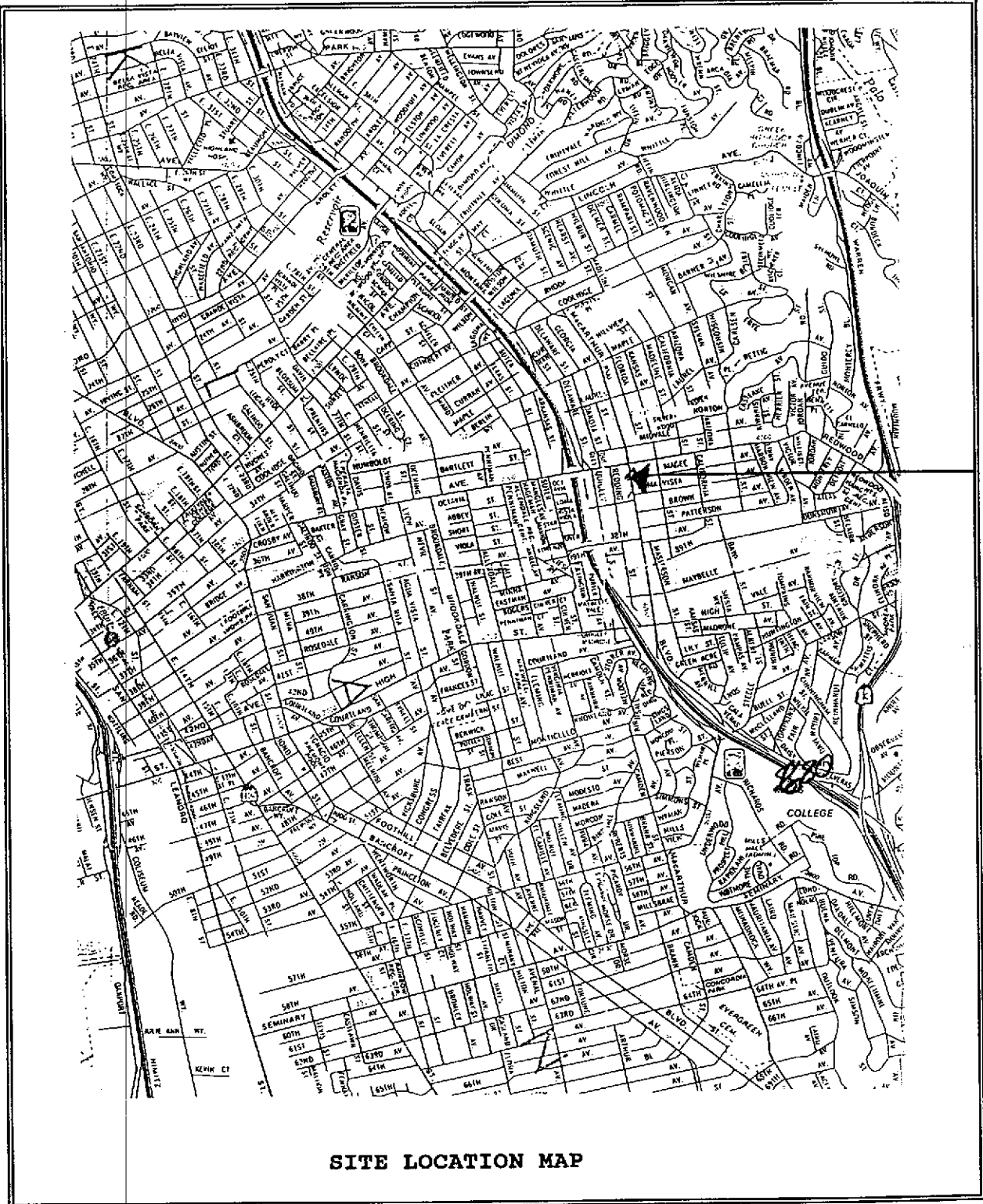
SITE LOCATION MAP



SITE LOCATION MAP



SITE LOCATION MAP



SITE LOCATION MAP

A P P E N D I X

TANK REMOVAL ANALYTICAL

3600 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

TANK REMOVAL, MARCH 31, 1994

SAMPLE ID	DEPT H	TPH D	TPH G	B	T	EB	X	O & G
#1-PIT WATER W/O	N/A	69 PPM	0.6 PPM	0.6 PPB	2 PPB	5 PPB	56PPB	ND
#2-H2O/SOIL ITRFACE	5 FEET	ND	1.4 PPM	ND	12 PPB	38 PPB	81 PPB	87 PPM
#3 COMP W/O SPL	N/A	4 PPM	2.5 PPM	ND	7 PPB	ND	32 PPB	177 PPM
#4 EAST WALL	7 FEET	ND	ND	ND	ND	ND	ND	ND
#5 GAS PIT H2O	N/A	75 PPM	2000 PPB	16 PPB	47 PPB	8 PPB	290 PPB	N/A
#6 NORTH WALL	7 FEET	ND	*2.3 PPM	ND	ND	ND	ND	N/A
#7 SOUTH WALL	7 FEET	330 PPM	5000 PPM	1190 PPB	26000 PPB	27000 PPB	75000 PPB	N/A
#8 WEST WALL	7 FEET	ND	5.8 PPM	13 PPB	47 PPB	35 PPB	180 PPB	N/A
#9 GAS COMP SPOILS	N/A	ND	ND	ND	ND	ND	ND	N/A

* Does not match typical gasoline pattern

SEMCO/HALL/94-3571/JUNE 1994

TANK REMOVAL ANALYTICAL

3600 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

SAMPLE ID	DEPTH	LEAD
# 4 WEST WALL	7 FEET	ND
#5 GAS TANK H2O PIT		ND
#6 NORTH WALL	7 FEET	ND
#7 SOUTH WALL	7 FEET	ND
#8 WEST WALL	7 FEET	ND
#9 GAS COMP SPOILS		ND

TANK REMOVAL ANALYTICAL

3600 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

SAMPLE ID	DEPTH	8270	8010	CD	CR	PB	ZN	NI
#1 PIT WATER		ND	ND	ND	ND	ND	0.81 PPM	0.02 PPM
#2 WATER/ SOIL INRFCE	5 FEET	ND	ND	ND	57 PPM	ND	93 PPM	76 PPM
#3 COMP SPOILS		ND	ND	ND	61 PPM	31 PPM	97 PPM	69 PPM

MAGEE AVENUE

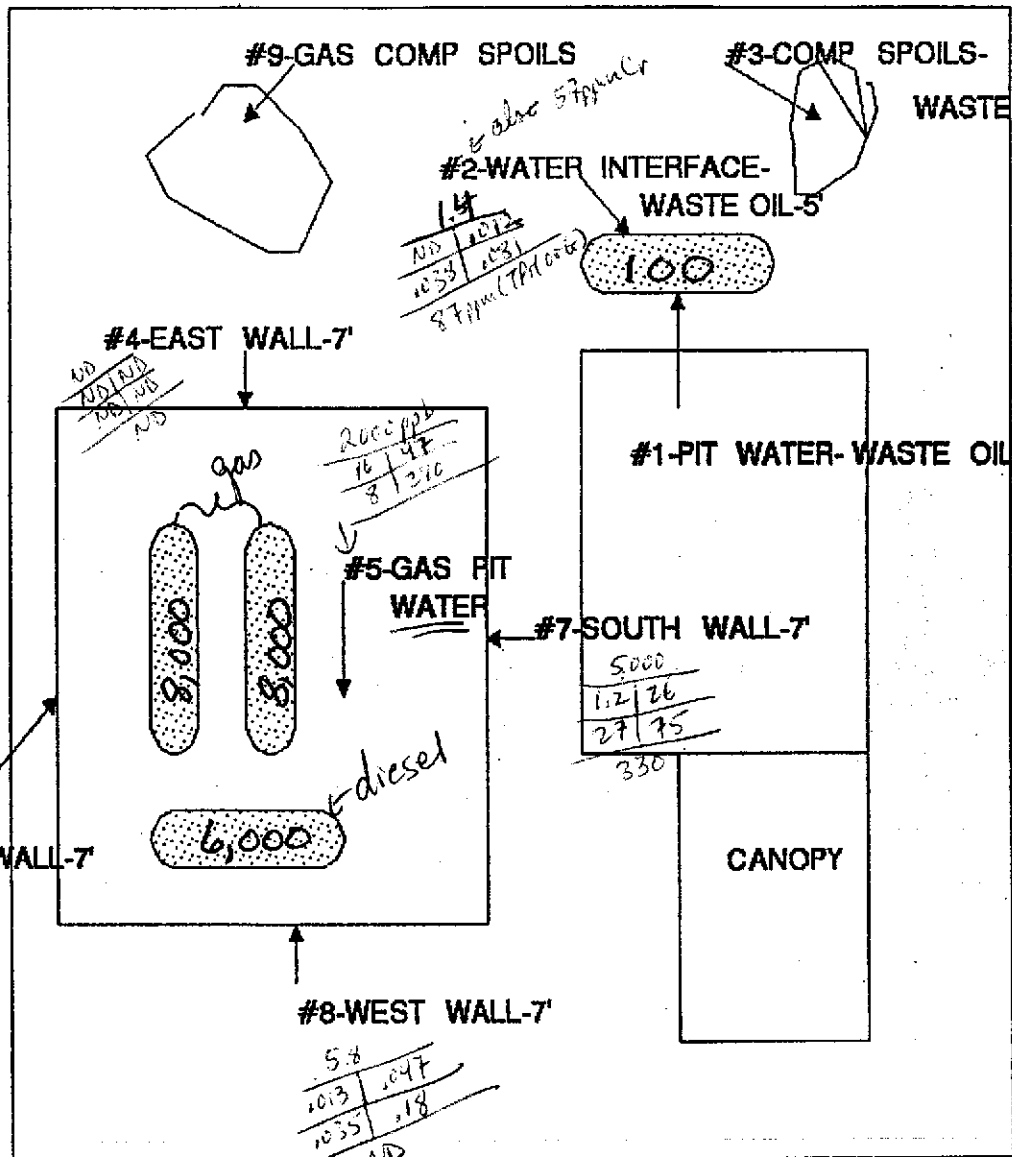
SIDE-WALK

7'

#6-NORTH WALL-7'

ND	ND
ND	ND
ND	ND
ND	ND

2.3



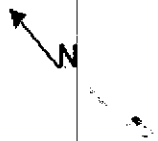
7' SIDEWALK

TPH_g
B/F
E/X
TPH_d

MAC ARTHUR BOULEVARD

S E M C O

**3600 MAC ARTHUR BLVD
OAKLAND**

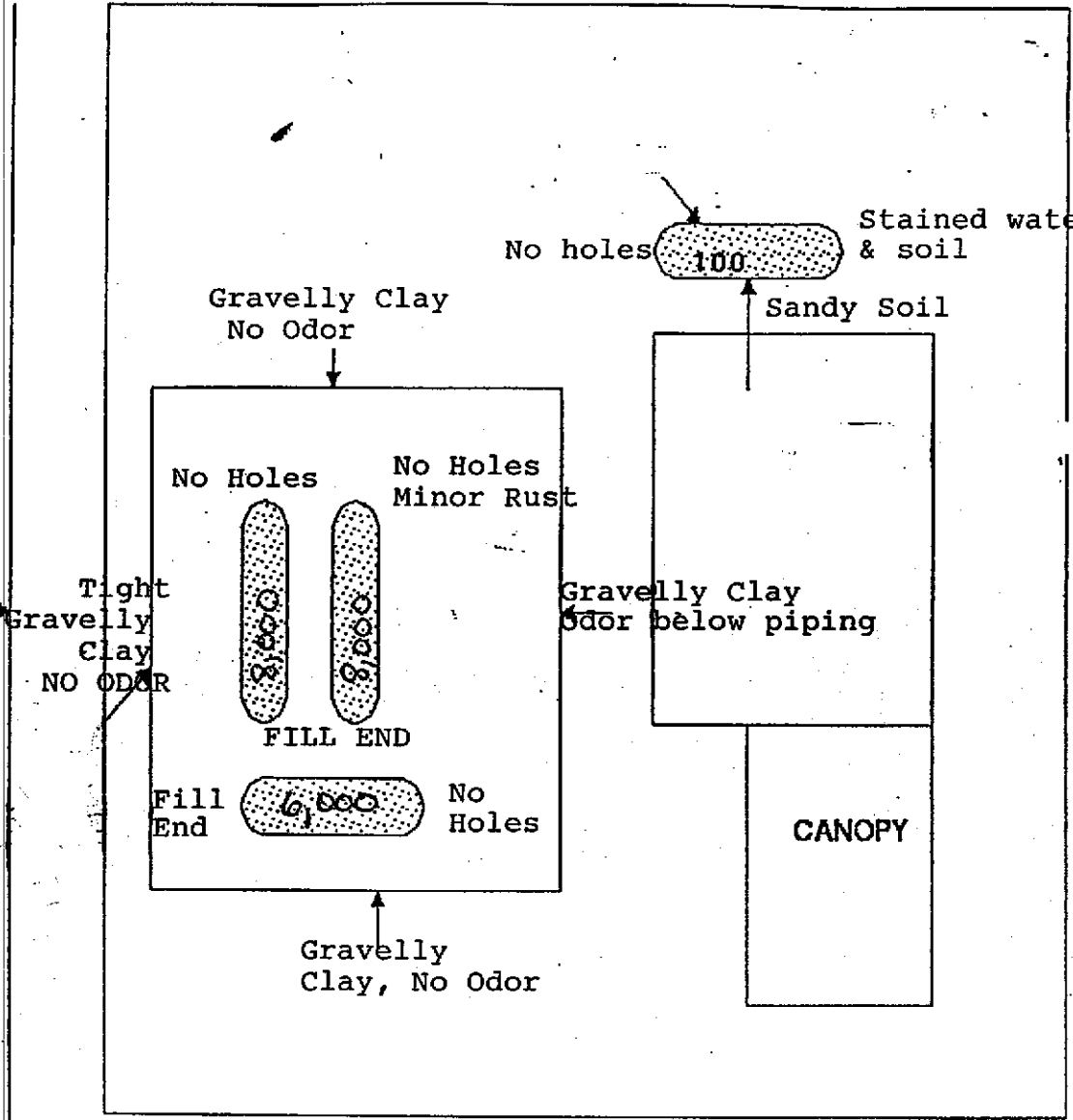


NOT TO SCALE

MAGEE AVENUE

SIDE-WALK

7'



MAC ARTHUR BOULEVARD

S E M C O

3600 MAC ARTHUR BLVD
OAKLAND



NOT TO SCALE



North State Environmental
 Chemical Waste Disposal • Trucking • Consulting

SEMCO
 APR 18 1994
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C E R T I F I C A T E O F A N A L Y S I S

Gasoline, Benzene, Toluene, Ethylbenzene and Xylenes by
 EPA Method 8020/5030 and 8015 M
 TPH (Oil and Grease) by Method 5520 F
 Diesel Range Hydrocarbons by Method 8015 M

Job No: 94-354 Date Sampled: 03/31/94
 Client: Semco Date Extracted: 04/01/94
 Project: 94-3571 Wannetta Hall Date Analyzed: 04/05/94

<u>Sample No.</u>	<u>Client ID</u>	<u>Analyte</u>	<u>Result</u>
94-354-05	#5 Gas Tank Water	Benzene	16 ug/L
		Toluene	47 ug/L
		Ethylbenzene	8 ug/L
		Xylenes	290 ug/L
		Gasoline	2000 ug/L
		Diesel	75 mg/Kg 75,000ppb?
94-354-06	#6 North Wall 7' Soil	Benzene	ND
		Toluene	ND
		Ethylbenzene	ND
		Xylenes	ND
		* Gasoline	2.3 mg/Kg
		Diesel	ND
94-354-07	#7 South Wall 7' Soil	Benzene	1190 ug/Kg
		Toluene	26000 ug/Kg
		Ethylbenzene	27000 ug/Kg
		Xylenes	75000 ug/Kg
		Gasoline	5000 mg/Kg
		Diesel	330 mg/Kg
94-354-08	#8 West Wall 7' Soil	Benzene	13 ug/Kg
		Toluene	47 ug/Kg
		Ethylbenzene	35 ug/Kg
		Xylenes	180 ug/Kg
		Gasoline	5.8 mg/Kg
		Diesel	ND

*Does not match
 typical gas
 pattern.*



North State Environmental
Chemical Waste Disposal - Trucking - Consulting

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APR 18 1994
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C E R T I F I C A T E O F A N A L Y S I S

Lead By Atomic Absorption Spectrometry

Samples prepared by Method 3050

Job No: 94-354 Date Sampled: 03/31/94
Client: SEMCO Date Received: 04/08/94
Project No: 94-3571 Wannetta Hall Date Analysed: 04/11/94

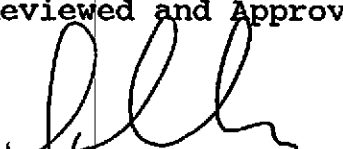
<u>Sample No.</u>	<u>Client ID</u>	<u>Analyte/Method</u>	<u>Result</u>
94-354-04	#4 East Wall 7'	Lead 7420	ND
94-354-05	#5 Gas Tank H ₂ O Pit	Lead 7420	ND
94-354-06	#6 North Wall 2'	Lead 7420	ND
94-354-07	#7 South Wall 7'	Lead 7420	ND
94-354-08	#8 West Hall 7'	Lead 7420	ND
94-354-09	#9 Gas Comp Spoils	Lead 7420	ND

Quality Control Quality Assurance Summary:

Analyte	Reporting Method	Limit	Blank	Average Spike Recovery	RPD
Lead	7420	1.0 mg/L	ND	101%	6%

DOHS Certificate #1753

Reviewed and Approved


John Murphy
Laboratory Director



North State Environmental
Chemical Waste Disposal • Tracking • Consulting

to Superior by Council

CHAIN OF CUSTODY REPORT

CLIENT: SEMCO	REPORT TO:	TURKAROUND TIME:
ADDRESS: SAN MATEO	BILLING TO:	8 HR.
PHONE:		24 HR. 48 HR. 72 HR.
PROJECT NAME/SITE: PAT VIGIL		5 DAY 10 DAY 15 DAY

POW/BILLING REFERENCE:

SAMPLES:	DATE:	ANALYSIS REQUESTED	REMARKS	SAMPLE NUMBER
SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.		

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED	REMARKS	SAMPLE NUMBER
94-351-01	WATER	3	9	3/31/4	X X X	ROCKET	
94-351-02	SOIL	1	9	↓	X X X	DIRECT	
94-351-03	SOIL CO2	1	9	↓	X X X	TO CLUAT	
						NORMAL FAT	

RELINQUISHED BY: <i>[Signature]</i>	DATE: 4-6-4	TIME: 4PM	RECEIVED BY:	TRAVEL TIME:	OTHER:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	ON SITE TIME:	
RELINQUISHED BY:	DATE:	TIME:	RECEIVED IN LAB BY:	WERE SAMPLES PRESERVED ?	IN GOOD CONDITION?

Received
APR 18 1994
SEMCO



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1524

SEMCO
APR 18 1994
received

SEMCO
Attn: CHUCK KIPER

Project 94-3571
Reported 12-April-1994

ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC
by EPA Method SW-846 6010

Chronology

Laboratory Number 57903

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
#1 PIT H2O	03/31/94	04/06/94	04/11/94	04/11/94		1
#2 WATER-INTERFA	03/31/94	04/06/94	04/11/94	04/11/94		2
#3 COMP SPOILS	03/31/94	04/06/94	04/11/94	04/11/94		3



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

SEMCO

APR 18 1994

Received

SEMCO
Attn: CHUCK KIPER

Project 94-3571
Reported 12-April-1994

ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC

Laboratory Number	Sample Identification	Matrix
57903- 1	#1 PIT H2O	Water
57903- 2	#2 WATER-INTERFACE 5'	Soil
57903- 3	#3 COMP SPOILS	Soil

RESULTS OF ANALYSIS

Laboratory Number: 57903- 1 57903- 2 57903- 3

Cadmium	(Cd):	ND<0.01	ND<0.5	ND<0.5
Chromium	(Cr):	ND<0.02	57	61
Lead	(Pb):	ND<0.1	ND<5	31
Nickel	(Ni):	0.02	76	69
Zinc	(Zn):	0.81	93	97

Concentration: mg/L mg/Kg mg/Kg

APR 18 1994


Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 219-0120

 ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC
 Quality Assurance and Control Data - Water

Laboratory Number 57903

Compound		Method Blank (mg/L)	RL (mg/L)	Spike Recovery (%)	Limits (%)	RPD (%)
Cadmium	(Cd) :	ND<0.01	0.01	99/99	75-125	0%
Chromium	(Cr) :	ND<0.02	0.02	92/92	75-125	0%
Lead	(Pb) :	ND<0.1	0.1	95/97	75-125	2%
Nickel	(Ni) :	ND<0.02	0.02	96/97	75-125	1%
Zinc	(Zn) :	ND<0.02	0.02	100/100	75-125	0%

Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/L = Parts per million (ppm)

QC File No. 57903



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1521

SEMCO

APR 18 1994

Received

ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC Quality Assurance and Control Data - Soil

Laboratory Number 57903

Compound		Method Blank (mg/Kg)	RL (mg/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Cadmium	(Cd):	ND<0.5	0.5	95/91	75-125	4%
Chromium	(Cr):	ND<5	5	93/92	75-125	1%
Lead	(Pb):	ND<5	5	97/91	75-125	6%
Nickel	(Ni):	ND<5	5	97/94	75-125	3%
Zinc	(Zn):	ND<5	5	96/94	75-125	2%

Definitions:

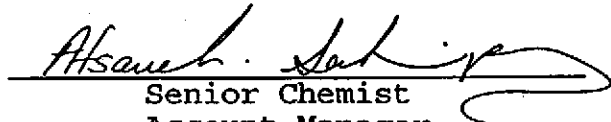
ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/Kg = Parts per million (ppm)

QC File No. 57903


 Senior Chemist
 Account Manager

Wanetta Hall

SEMCO

'APR 18 1994



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

SEMCO

Attn: CHUCK KIPER

Project 94-3571

Reported 13-April-1994

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

Chronology

Laboratory Number 57903

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
#1 PIT H2O	03/31/94	04/06/94	/ /	04/11/94		1
#2 WATER-INTERFA	03/31/94	04/06/94	/ /	04/11/94		2
#3 COMP SPOILS	03/31/94	04/06/94	/ /	04/11/94		3



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

SEMCO

APR 18 1994

SEMCO

Attn: CHUCK KIPER

Project 94-3571

Reported 13-April-1994

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

Laboratory Number	Sample Identification	Matrix
57903- 1	#1 PIT H2O	Water
57903- 2	#2 WATER-INTERFACE 5'	Soil
57903- 3	#3 COMP SPOILS	Soil

RESULTS OF ANALYSIS

Laboratory Number: 57903- 1 57903- 2 57903- 3

Chloromethane:	ND<0.5	ND<5	ND<5
Vinyl Chloride:	ND<0.5	ND<5	ND<5
Bromomethane:	ND<0.5	ND<5	ND<5
Chloroethane:	ND<0.5	ND<5	ND<5
Trichlorofluoromethane:	ND<0.5	ND<5	ND<5
1,1-Dichloroethene:	ND<0.5	ND<5	ND<5
Dichloromethane:	ND<1.0	ND<10	ND<10
t-1,2-Dichloroethene:	ND<0.5	ND<5	ND<5
1,1-Dichloroethane:	ND<0.5	ND<5	ND<5
c-1,2-Dichloroethene:	ND<0.5	ND<5	ND<5
Chloroform:	ND<0.5	ND<5	ND<5
1,1,1-Trichloroethane:	ND<0.5	ND<5	ND<5
Carbon tetrachloride:	ND<0.5	ND<5	ND<5
1,2-Dichloroethane:	ND<0.5	ND<5	ND<5
Trichloroethene:	ND<0.5	ND<5	ND<5
c-1,3-Dichloropropene:	ND<0.5	ND<5	ND<5
1,2-Dichloropropane:	ND<0.5	ND<5	ND<5
t-1,3-Dichloropropene:	ND<0.5	ND<5	ND<5
Bromodichloromethane:	ND<0.5	ND<5	ND<5
1,1,2-Trichloroethane:	ND<0.5	ND<5	ND<5
Tetrachloroethene:	ND<0.5	ND<5	ND<5
Dibromochloromethane:	ND<0.5	ND<5	ND<5
Chlorobenzene:	ND<0.5	ND<5	ND<5
Bromoform:	ND<0.5	ND<5	ND<5
1,1,2,2-Tetrachloroeth:	ND<0.5	ND<5	ND<5
1,3-Dichlorobenzene:	ND<0.5	ND<5	ND<5
1,2-Dichlorobenzene:	ND<0.5	ND<5	ND<5
1,4-Dichlorobenzene:	ND<0.5	ND<5	ND<5
Concentration:	ug/L	ug/Kg	ug/Kg



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

SEMCO

APR 18 1994

HALOGENATED VOLATILE ORGANICS by EPA SW-846 METHODS 5030/8010

Quality Assurance and Control Data - Water

Laboratory Number 57903

Compound	Method Blank (ug/L)	RL (ug/L)	Spike Recovery (%)	Limits (%)	RPD (%)
Chloromethane:	ND<0.5	0.5			
Vinyl Chloride:	ND<0.5	0.5			
Bromomethane:	ND<0.5	0.5			
Chloroethane:	ND<0.5	0.5			
Trichlorofluoromethane:	ND<0.5	0.5			
1,1-Dichloroethene:	ND<0.5	0.5	79/80	48-180	1%
Dichloromethane:	ND<1.0	1.0			
t-1,2-Dichloroethene:	ND<0.5	0.5			
1,1-Dichloroethane:	ND<0.5	0.5			
c-1,2-Dichloroethene:	ND<0.5	0.5			
Chloroform:	ND<0.5	0.5			
1,1,1-Trichloroethane:	ND<0.5	0.5			
Carbon tetrachloride:	ND<0.5	0.5			
1,2-Dichloroethane:	ND<0.5	0.5			
Trichloroethene:	ND<0.5	0.5	75/77	71-138	3%
c-1,3-Dichloropropene:	ND<0.5	0.5			
1,2-Dichloropropane:	ND<0.5	0.5			
t-1,3-Dichloropropene:	ND<0.5	0.5			
Bromodichloromethane:	ND<0.5	0.5			
1,1,2-Trichloroethane:	ND<0.5	0.5			
Tetrachloroethene:	ND<0.5	0.5			
Dibromochloromethane:	ND<0.5	0.5			
Chlorobenzene:	ND<0.5	0.5	95/87	79-134	9%
Bromoform:	ND<0.5	0.5			
1,1,2,2-Tetrachloroeth:	ND<0.5	0.5			
1,3-Dichlorobenzene:	ND<0.5	0.5			
1,2-Dichlorobenzene:	ND<0.5	0.5			
1,4-Dichlorobenzene:	ND<0.5	0.5			

Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

ug/L = Parts per billion (ppb)

QC File No. 57903

Senior Chemist
Account Manager



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7129

SEMCO

APR 18 1994

Received

SEMCO
Attn: TERRY HAMILTON

Project 94-3571
Reported 08-April-1994

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Chronology

Laboratory Number 57903

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
#1 PIT H2O	03/31/94	04/06/94	04/07/94	04/08/94		1
#2 WATER INTERFACE	03/31/94	04/06/94	04/06/94	04/08/94		2
#3 COMP SPOILS	03/31/94	04/06/94	04/06/94	04/08/94		3



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

SEMCO

APR 18 1994

Received

SEMCO
Attn: TERRY HAMILTON

Project 94-3571
Reported 08-April-1994

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification	Matrix
57903- 1	#1 PIT H2O	Water
57903- 2	#2 WATER INTERFACE-5'	Soil
57903- 3	#3 COMP SPOILS	Soil

RESULTS OF ANALYSIS

Laboratory Number: 57903- 1 57903- 2 57903- 3

bis(2-chloroethyl)ethane:	ND<20	ND<330	ND<330
aniline:	ND<20	ND<330	ND<330
phenol:	ND<20	ND<330	ND<330
2-chlorophenol:	ND<20	ND<330	ND<330
1,3-dichlorobenzene:	ND<20	ND<330	ND<330
1,4-dichlorobenzene:	ND<20	ND<330	ND<330
1,2-dichlorobenzene:	ND<20	ND<330	ND<330
benzyl alcohol:	ND<20	ND<330	ND<330
bis-(2-chloroisopropyl):	ND<20	ND<330	ND<330
2-methylphenol:	ND<20	ND<330	ND<330
hexachloroethane:	ND<20	ND<330	ND<330
n-nitroso-di-n-propylamine:	ND<20	ND<330	ND<330
4-methylphenol:	ND<20	ND<330	ND<330
nitrobenzene:	ND<20	ND<330	ND<330
isophorone:	ND<20	ND<330	ND<330
2-nitrophenol:	ND<20	ND<330	ND<330
2,4-dimethylphenol:	ND<20	ND<330	ND<330
bis(2-chloroethoxy)methane:	ND<20	ND<330	ND<330
2,4-dichlorophenol:	ND<20	ND<330	ND<330
1,2,4-trichlorobenzene:	ND<20	ND<330	ND<330
naphthalene:	ND<20	ND<330	ND<330
benzoic acid:	ND<20	ND<330	ND<330
4-chloroaniline:	ND<20	ND<330	ND<330
hexachlorobutadiene:	ND<20	ND<330	ND<330
4-chloro-3-methylphenol:	ND<20	ND<330	ND<330
2-methyl-naphthalene:	ND<20	ND<330	ND<330
hexachlorocyclopentadiene:	ND<20	ND<330	ND<330
2,4,6-trichlorophenol:	ND<20	ND<330	ND<330
2,4,5-trichlorophenol:	ND<50	ND<800	ND<800
Concentration:	ug/L	ug/kg	ug/kg



APR 18 1994

Received

SEMCO
Attn: TERRY HAMILTON

Project 94-3571
Reported 08-April-1994

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification	Matrix
57903- 1	#1 PIT H2O	Water
57903- 2	#2 WATER INTERFACE-5'	Soil
57903- 3	#3 COMP SPOILS	Soil

RESULTS OF ANALYSIS

Laboratory Number: 57903- 1 57903- 2 57903- 3

2-chloronaphthalene:	ND<20	ND<330	ND<330
2-nitroaniline:	ND<50	ND<800	ND<800
acenaphthylene:	ND<20	ND<330	ND<330
dimethylphthlate:	ND<20	ND<330	ND<330
2,6-dinitrotoluene:	ND<20	ND<330	ND<330
acenaphthene:	ND<20	ND<330	ND<330
3-nitroaniline:	ND<50	ND<800	ND<800
2,4-dinitrophenol:	ND<50	ND<800	ND<800
dibenzofuran:	ND<20	ND<330	ND<330
2,4-dinitrotoluene:	ND<20	ND<330	ND<330
4-nitrophenol:	ND<50	ND<800	ND<800
fluorene:	ND<20	ND<330	ND<330
4-chlorophenyl-phenyle:	ND<20	ND<330	ND<330
diethylphthlate:	ND<20	ND<330	ND<330
4-nitroaniline:	ND<50	ND<800	ND<800
4,6-dinitro-2-methylph:	ND<50	ND<800	ND<800
n-nitrosodiphenylamine:	ND<20	ND<330	ND<330
4-bromo-phenyl-phenyle:	ND<20	ND<330	ND<330
hexachlorobenzene:	ND<20	ND<330	ND<330
pentachlorophenol:	ND<50	ND<800	ND<800
phenanthrene:	ND<20	ND<330	ND<330
anthracene:	ND<20	ND<330	ND<330
di-n-butylphthlate:	ND<20	ND<330	ND<330
fluoranthene:	ND<20	ND<330	ND<330
benzidine:	ND<100	ND<1700	ND<1700
pyrene:	ND<20	ND<330	ND<330
butylbenzylphthlate:	ND<20	ND<330	ND<330
3,3'-dichlorobenzidine:	ND<20	ND<660	ND<660
benzo[a]anthracene:	ND<20	ND<330	ND<330
Concentration:	ug/L	ug/kg	ug/kg



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • [415] 647-2081 / fax [415] 821-7400

SEMCO

APR 18 1994

Received

SEMCO
Attn: TERRY HAMILTON

Project 94-3571
Reported 08-April-1994

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification	Matrix
57903- 1	#1 PIT H2O	Water
57903- 2	#2 WATER INTERFACE-5'	Soil
57903- 3	#3 COMP SPOILS	Soil

RESULTS OF ANALYSIS

Laboratory Number: 57903- 1 57903- 2 57903- 3

chrysene:	ND<20	ND<330	ND<330
bis(2-ethylhexyl)phtha:	ND<20	ND<330	ND<330
di-n-octylphthalate:	ND<20	ND<330	ND<330
benzo(b,k)fluoranthene:	ND<20	ND<330	ND<330
benzo[a]pyrene:	ND<20	ND<330	ND<330
indeno[1,2,3-cd]pyrene:	ND<20	ND<330	ND<330
dibenzo[a,h]anthracene:	ND<20	ND<330	ND<330
benzo[g,h,i]perylene:	ND<20	ND<330	ND<330

Concentration:	ug/L	ug/kg	ug/kg
----------------	------	-------	-------

-- Surrogate % Recoveries --			
2-fluorophenol:	66	64	63
phenol-d5:	62	73	73
nitrobenzene-d5:	97	68	80
2-fluorobiphenyl:	111	83	91
2,4,6-tribromophenol:	105	72	80
terphenyl-d14:	83	66	81



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

SEMCO

APR 18 1994

Received

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS
Quality Assurance and Control Data - Water

Laboratory Number 57903

Compound	Method Blank (ug/L)	RL (ug/L)	Spike Recovery (%)	Limits (%)	RPD (%)
bis(2-chloroethyl) ethe:	ND<10	10			
aniline:	ND<10	10			
phenol:	ND<10	10	46/47	12-80	2%
2-chlorophenol:	ND<10	10	76/77	54-111	1%
1,3-dichlorobenzene:	ND<10	10			
1,4-dichlorobenzene:	ND<10	10	84/86	36-139	2%
1,2-dichlorobenzene:	ND<10	10			
benzyl alcohol:	ND<10	10			
bis-(2-chloroisopropyl):	ND<10	10			
2-methylphenol:	ND<10	10			
hexachloroethane:	ND<10	10			
n-nitroso-di-n-propyla:	ND<10	10	76/80	41-161	5%
4-methylphenol:	ND<10	10			
nitrobenzene:	ND<10	10			
isophorone:	ND<10	10			
2-nitrophenol:	ND<10	10			
2,4-dimethylphenol:	ND<10	10			
bis(2-chloroethoxy)met:	ND<10	10			
2,4-dichlorophenol:	ND<10	10			
1,2,4-trichlorobenzene:	ND<10	10	92/95	39-134	3%
naphthalene:	ND<10	10			
benzoic acid:	ND<10	10			
4-chloroaniline:	ND<10	10			
hexachlorobutadiene:	ND<10	10			
4-chloro-3-methylpheno:	ND<10	10	77/77	51-105	0%
2-methyl-naphthalene:	ND<10	10			
hexaclorocyclopentadie:	ND<10	10			
2,4,6-trichlorophenol:	ND<10	10			
2,4,5-trichlorophenol:	ND<25	25			



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SEMCO

APR 18 1994

Received

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS
Quality Assurance and Control Data - Water

Laboratory Number 57903

Compound	Method Blank (ug/L)	RL (ug/L)	Spike Recovery (%)	Limits (%)	RPD (%)
2-chloronaphthalene:	ND<10	10			
2-nitroaniline:	ND<25	25			
acenaphthylene:	ND<10	10			
dimethylphthlate:	ND<10	10			
2,6-dinitrotoluene:	ND<10	10			
acenaphthene:	ND<10	10	94/92	46-137	2%
3-nitroaniline:	ND<25	25			
2,4-dinitrophenol:	ND<25	25			
dibenzofuran:	ND<10	10			
2,4-dinitrotoluene:	ND<10	10	77/75	24-119	3%
4-nitrophenol:	ND<25	25	30/27	10-83	11%
fluorene:	ND<10	10			
4-chlorophenyl-phenyle:	ND<10	10			
diethylphthlate:	ND<10	10			
4-nitroaniline:	ND<25	25			
4,6-dinitro-2-methylph:	ND<25	25			
n-nitrosodiphenylamine:	ND<10	10			
4-bromo-phenyl-phenyle:	ND<10	10			
hexachlorobenzene:	ND<10	10			
pentachlorophenol:	ND<25	25	69/70	9-139	1%
phenanthrene:	ND<10	10			
anthracene:	ND<10	10			
di-n-butylphthlate:	ND<10	10			
fluoranthene:	ND<10	10			
benzidine:	ND<50	50			
pyrene:	ND<10	10	90/91	29-157	1%
butylbenzylphthlate:	ND<10	10			
3,3'-dichlorobenzidine:	ND<10	10			
benzo[a]anthracene:	ND<10	10			



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SEMCO

APR 18 1994

received

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS
Quality Assurance and Control Data - Water

Laboratory Number 57903

Compound	Method		Spike Recovery (%)	Limits (%)	RPD (%)
	Blank (ug/L)	RL (ug/L)			
chrysene:	ND<10	10			
bis(2-ethylhexyl)phtha:	ND<10	10			
di-n-octylphthalate:	ND<10	10			
benzo(b,k)fluoranthene:	ND<10	10			
benzo[a]pyrene:	ND<10	10			
indeno[1,2,3-cd]pyrene:	ND<10	10			
dibenzo[a,h]anthracene:	ND<10	10			
benzo[g,h,i]perylene:	ND<10	10			
2-fluorophenol:	68			21-110	
phenol-d5:	58			10-110	
nitrobenzene-d5:	66			35-114	
2-fluorobiphenyl:	78			43-116	
2,4,6-tribromophenol:	84			10-123	
terphenyl-d14:	75			33-141	

Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

ug/L = Parts per billion (ppb)

QC File No. 57903



Superior Precision Analytical, Inc.

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SEMCO

APR 18 1994

Received

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS Quality Assurance and Control Data - Soil

Laboratory Number 57903

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
bis(2-chloroethyl) ethe:	ND<330	330			
aniline:	ND<330	330			
phenol:	ND<330	330	78/82	55-105	5%
2-chlorophenol:	ND<330	330	76/81	60-111	6%
1,3-dichlorobenzene:	ND<330	330			
1,4-dichlorobenzene:	ND<330	330	77/81	52-116	5%
1,2-dichlorobenzene:	ND<330	330			
benzyl alcohol:	ND<330	330			
bis-(2-chloroisopropyl):	ND<330	330			
2-methylphenol:	ND<330	330			
hexachloroethane:	ND<330	330			
n-nitroso-di-n-propyla:	ND<330	330	86/91	59-130	6%
4-methylphenol:	ND<330	330			
nitrobenzene:	ND<330	330			
isophorone:	ND<330	330			
2-nitrophenol:	ND<330	330			
2,4-dimethylphenol:	ND<330	330			
bis(2-chloroethoxy)met:	ND<330	330			
2,4-dichlorophenol:	ND<330	330			
1,2,4-trichlorobenzene:	ND<330	330	88/94	45-119	7%
naphthalene:	ND<330	330			
benzoic acid:	ND<330	330			
4-chloroaniline:	ND<330	330			
hexachlorobutadiene:	ND<330	330			
4-chloro-3-methylpheno:	ND<330	330	78/84	50-120	7%
2-methyl-naphthalene:	ND<330	330			
hexaclorocyclopentadie:	ND<330	330			
2,4,6-trichlorophenol:	ND<330	330			
2,4,5-trichlorophenol:	ND<800	800			



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7111 SEMCO

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS
Quality Assurance and Control Data - Soil

APR 18 1994
Received

Laboratory Number 57903

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
2-chloronaphthalene:	ND<330	330			
2-nitroaniline:	ND<800	800			
acenaphthylene:	ND<330	330			
dimethylphthlate:	ND<330	330			
2,6-dinitrotoluene:	ND<330	330			
acenaphthene:	ND<330	330	93/101	55-112	8%
3-nitroaniline:	ND<800	800			
2,4-dinitrophenol:	ND<800	800			
dibenzofuran:	ND<330	330			
2,4-dinitrotoluene:	ND<330	330	66/75	40-101	13%
4-nitrophenol:	ND<800	800	58/65	11-157	11%
fluorene:	ND<330	330			
4-chlorophenyl-phenyle:	ND<330	330			
diethylphthlate:	ND<330	330			
4-nitroaniline:	ND<800	800			
4,6-dinitro-2-methylph:	ND<800	800			
n-nitrosodiphenylamine:	ND<330	330			
4-bromo-phenyl-phenyle:	ND<330	330			
hexachlorobenzene:	ND<330	330			
pentachlorophenol:	ND<800	800	66/73	17-144	10%
phenanthrene:	ND<330	330			
anthracene:	ND<330	330			
di-n-butylphthlate:	ND<330	330			
fluoranthene:	ND<330	330			
benzidine:	ND<1700	1700			
pyrene:	ND<330	330	82/87	55-136	6%
butylbenzylphthlate:	ND<330	330			
3,3'-dichlorobenzidine:	ND<660	660			
benzo[a]anthracene:	ND<330	330			



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

SEMCO

APR 18 1994

Received

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS
Quality Assurance and Control Data - Soil

Laboratory Number 57903

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
chrysene:	ND<330	330			
bis(2-ethylhexyl)phtha:	ND<330	330			
di-n-octylphthalate:	ND<330	330			
benzo(b,k)fluoranthene:	ND<330	330			
benzo[a]pyrene:	ND<330	330			
indeno[1,2,3-cd]pyrene:	ND<330	330			
dibenzo[a,h]anthracene:	ND<330	330			
benzo[g,h,i]perylene:	ND<330	330			
2-fluorophenol:	72			50-108	
phenol-d5:	83			54-106	
nitrobenzene-d5:	71			45-109	
2-fluorobiphenyl:	86			52-115	
2,4,6-tribromophenol:	81			37-122	
terphenyl-d14:	68			55-137	

Definitions:

ND = Not Detected
 RPD = Relative Percent Difference
 RL = Reporting Limit
 ug/kg = Parts per billion (ppb)
 QC File No. 57903

Senior Chemist
 Account Manager



North State Environmental
Chemical Waste Disposal - Trucking - Consulting

NSE 415 588 9652

57903

CERTAIN OF CUSTODY REPORT

CLIENT: SEMCO REPORT TO: _____ TURNAROUND TIME: _____
 ADDRESS: SAN MATEO BILLING TO: _____
 PHONE: _____

15 KR.		
24 KR.	42 KR.	72 KR.
15 DAY	10 DAY	15 DAY

PROJECT NAME/SITE: DAT VIGIL / Hook KIPAR WORK/BILLING REFERENCE: _____

SAMPLER: LOTHU MURPHY DATE: _____

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED										REMARKS	SAMPLE NUMBER			
					1	2	3	4	5	6	7	8	9	10			11	12	
44-351-01	WATER	3	9	3/31/4	X	X	X											DIRTY	
44-351-02	SOIL	1	9		X	X	X											DIRTY	
44-351-03	SOIL CONT	1	9		X	X	X											TO CLAY	

RELINQUISHED BY: [Signature] DATE: 4-6-94 TIME: 4PM RECEIVED BY: [Signature] TRAVEL TIME: _____
 RELINQUISHED BY: [Signature] DATE: 4-6-94 TIME: 5PM RECEIVED BY: _____ ON SITE TIME: _____
 RELINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED IN LAB BY: [Signature] OTHER: _____
 WERE SAMPLES PRESERVED? Yes YES NO
 IN GOOD CONDITION? YES NO

SEMCO
APR 18 1994
HCC/eva

Submittal # 5105AM

94-354 0X

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. _____

Section I

Consultant Name SEMCO
 Office Location 1741 Leslie Rd. San Mateo, CA 94402
 Fax No. (415) 572-9734
 Project Manager TERRY HAMILTON
 Phone (415) 572 8032

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

SUPERIOR ANALYTICAL, INC.
 Martinez San Francisco
 415/229-1512 415/647-2081

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. 94-354 WANNETTA HALL

Sampler PAT VIGIL
 Regulatory Agency ALAMEDA COUNTY HAZMAT

Section II Analysis Request Section III Sample Information

Sample Identification	S=Soil W=Water Matrix	A=Air	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	O&G	8010	8240	Metals	Others * Subject to Subcontracting	ICAP	6870	TOTAL LEAD	Date	Time	Containers		Sampling Remarks
																	Quantity	Pres.	
1#1 Pit H ₂ O Waste OIL	W		✓			✓	✓	✓				✓	✓		3/31		1-AMBER 2-VOAS		94-354-01
2#2 WATER INTERFACE - S	S		✓			✓	✓	✓				✓	✓		3/31		1		-02
3#3 COMP. WASTE SPOILS OIL	S		✓			✓	✓	✓				✓	✓		3/31		2		-03
4#4 EASTWALL	S		✓			✓								✓	3/31	3:40	1		-04
5#5 GAS TANK BIT	W		✓			✓								✓	3/31		1 LITER 2 VOAS		-05
6#6 - NORTH WALL	S		✓			✓								✓	3/31	3:55	1		-06
7#7 - SOUTH WALL	S		✓			✓								✓	3/31	4:05	1		-07
8#8 - WEST WALL	S		✓			✓								✓	3/31	4:16	1		-08
9#9 - GAS COMP SPOILS	S		✓			✓								✓	3/31	4:5	4		-09
10																			*
11																			
12																			

Relinquished by [Signature]
 Organization SEMCO

Relinquished by [Signature]
 Organization SEMCO

Relinquished by [Signature]
 Organization SEMCO

Date/Time 3/31/94 5:30

Date/Time _____

Date/Time 4/1/94 2:55

Received by [Signature]
 Organization SEMCO

Received by _____
 Organization _____

Received by [Signature]
 Organization USE LAB

Please Initial _____

Sample Stored in Ice _____

Appropriate Containers _____

Samples Preserved _____

VOA's without Headspace _____

Comments _____

APR 18 1994
 SEMCO

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 Terry Hamilton
 Phone (415) 572 8033

TURN AROUND TIME
 (CROSS OUT)
Same Day 72 Hrs
 24 Hrs 5 Day
 48 Hrs

SUPERIOR ANALYTICAL, INC.
 Martinez San Francisco
 415/229-1512 415/647-2081

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. 94-3571 WAKNETTA HALL

Sampler Pat Vogel
 Regulatory Agency ALAMEDA COUNTY HAZMAT

Section II Analysis Request Section III Sample Information

Sample Identification	Matrix S=Soil A=Air W=Water	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	OAG	8010	8240	Metals	Others * Subject to Subcontracting	ICAP	8270	TOTAL LEAD	Date	Time	Containers		Sampling Remarks
																Quantity	Pres.	
1#1 P&H ²⁰ WASTE OIL	W	✓			✓	✓	✓				✓	✓		3/31	3:00	1	1-RAMBER 2-100SS	94-3574-01
2#2 WATER INTERFACE - 5'	S	✓			✓	✓	✓				✓	✓		3/31		1		-02
3#3 COMP. WASTE SPOILS OIL	S	✓			✓	✓	✓				✓	✓		3/31		2		-03
4#4 EAST WALL	S	✓			✓								✓	3/31	3:00	1		-04
5#5 GAS-TANK BIT	W	✓			✓								✓	3/31	3:00	1	1-LITER 2-VEAS	-05
6#6 - NORTH WALL	S	✓			✓								✓	3/31	3:00	1		-06
7#7 - SOUTH WALL	S	✓			✓								✓	3/31	4:05	1		-07
8#8 - WEST WALL	S	✓			✓								✓	3/31	4:16	1		-08
9#9 - GAS COMP SPOILS	S	✓			✓								✓	3/31	4:3	4		-09
10																		
11																		
12																		

Relinquished by Pat Vogel
 Organization SEMCO
 Relinquished by _____
 Organization _____
 Relinquished by Randy McManus
 Organization SEMCO

Date/Time 3/31/94 5:00
 Date/Time _____
 Date/Time 4/1/94 2:55

Received by Randy McManus
 Organization SEMCO
 Received by _____
 Organization _____
 Received by _____
 Organization NSE-LAB

Please Initial _____
 Samples Stored in Ice
 Appropriate Containers
 Samples Preserved
 VOA's without Headlines
 Comments _____

APR 18 1994
 SEMCO
 Received

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 4
Length of piping being removed under this plan undetermined
Total number of tanks at facility 4

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

LEL < 10%

O₂ < 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)		
8000	GASOLINE steel	{ SOIL/WATER 2 soil samples, one from each end of tank, beneath tank }	2 FEET BELOW EACH END OF TANK
8000 steel	
6000 fiberglass	
500	WASTE OIL One soil sample from beneath tank	2 FEET BELOW FILL END OF TANK
If groundwater is present in any of the pits, one groundwater sample and two soil samples, one from the sidewalls from each end of pit at soil/water interface, is required.			

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.

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 1-24-94

Signature of Site Owner or Operator

X Name (please type) Wannetta Hall

X Signature *Wannetta Hall*

X Date 1-24-94

SEMCO
FEB - 8 1994

Excavation Permit Granted No. _____

CITY OF OAKLAND

Task Permit

Received Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. 9776

Oakland, California, February 4, 19 94

PERMISSION IS HEREBY GRANTED TO ~~XXXXX~~ remove ~~XXXXX~~ Gasoline tank and excavate commencing _____ feet inside PROPERTY line

on the _____ side of MacArthur Blvd. Street Avenue _____ feet _____ of _____ Street Avenue

House No. 3600 MacArthur Blvd. Street Avenue _____ Present Storage _____

Owner Wannetta Hall Address 3600 MacArthur Blvd. 94619 Phone 532-9499

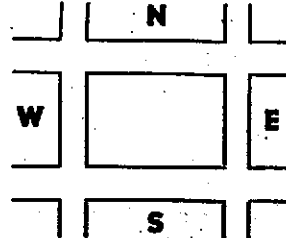
Applicant Semco Address 1741 Leslie St. San Mateo 94402 Phone 415-572-8033

Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 2 Capacity 8,000 Gallons, each. _____ 6,000 500

This Permit is granted in accordance with existing City Ordinances. Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities. When installing, removing or repacking tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS, Sec. 4-2.04

_____ square feet of digging or removal granted.

The receipt of \$ _____ special deposit is hereby acknowledged. GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19 _____ By _____ Fire Marshal

Inspection Fee Paid \$ 250.00 ck#9476 rec#698325

Received by G. M. Johnson

FIRE PREVENTION BUREAU

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

528-00 (4-87)

CITY OF OAKLAND
REPORT OF FIRE INSPECTION

ENGINE CO.

ADDRESS 3600 - MACARTHUR BLVD F.P.B.

NAME _____

GENERAL INSPECTION PERMIT OTHER HAZARD NOTED HAZARD ABATED

NOTICE LEFT LETTER 1st NOTICE 2nd NOTICE FINAL

DATE	VIOLATION	O.F.C.	CONTACTED
3/3/94	UNDER GROUND TANK Removal		
(1)	8,000 GAL LCL 10% OXY 10%		
(1)	8,000 GAL LCL 10% OXY 10%		
(1)	6,000 GAL LCL 0% OXY 10%		
(1)	100 GAL LCL 4% OXY 2%		

A REINSPECTION WILL BE MADE WITHIN _____ DAYS.

FIRE PREVENTION BUREAU PHONE 273-3851

338-5 (Rev. 5-77)

INSPECTED

Harry Lane

Form 10-17 brand
Fax Transmittal Memo 7672

To Bertha Garb
Company BAAQMD
Location _____

Fax # 928-0338
Comments _____

Telephone # _____

No. of Pages _____

From _____

Company _____

Location _____

Fax # _____

Original Deposition: Dewey Return Call for pickup

Today's Date 3/24/94

Rhonda
SEMCO

N. Lew



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

839 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40
Aeration of Contaminated Soil and
Removal of Underground Storage Tanks

SEMCO
MAR 29 1994
RECEIVED

NOTIFICATION FORM

Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 3600 MacArthur Blvd
 CITY, STATE Oakland, California ZIP 94619
 OWNER NAME Wannetta Hall
 SPECIFIC LOCATION OF PROJECT North Central Section of property

TANK REMOVAL
 CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE 3/31/94 SCHEDULED STARTUP DATE _____
 VAPORS REMOVED BY: _____ STOCKPILES WILL BE COVERED? YES _____ NO _____

WATER WASH HIGH PRESSURE HOT WATER ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
 DETERGENT WASH
 VAPOR FREEING (CO₂) 20LBS PER 1000 GALLONS
 VENTILATION PURGE WITH AIR BEFORE (MAY REQUIRE PERMIT)
 CO₂

CONTRACTOR INFORMATION

NAME SEMCO CONTACT CHUCK OR RHONDA KIPER
 ADDRESS 1741 LESLIE STREET PHONE (415) 572-8033
 CITY, STATE, ZIP SAN MATEO, CALIFORNIA 94402

CONSULTANT INFORMATION (IF APPLICABLE)

NAME _____ CONTACT _____
 ADDRESS _____ PHONE () _____
 CITY, STATE, ZIP _____

FOR OFFICE USE ONLY

DATE RECEIVED FAX 3/24/94 BY Bly
 DATE POSTMARKED _____ BY _____
 CC: INSPECTOR NO. 558 DATE 3/25/94 BY Bly
 UPDATE: CONTACT NAME _____ DATE _____ BY _____
 BAAQMD # _____ DATA ENTRY 3/25/94

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# 1289 Site Name Scouter Wilson Today's Date 3/31/94
 Site Address 3600 MacArthur EPA ID# _____
 City Oakland Zip 94619 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)

LA GENERATOR (Title 22)	
___ 1. Waste ID	66471
___ 2. EPA ID	66472
___ 3. > 90 days	66508
___ 4. Label dates	66508
___ 5. Biennial	66493
Manifest	
___ 6. Records	66492
___ 7. Correct	66484
___ 8. Copy sent	66492
___ 9. Exception	66484
___ 10. Copies Rec'd	66492
Misc.	
___ 11. Treatment	66371
___ 12. On-site Disp. (HS&C)	26189.5
___ 13. Ex Haz. Waste	66570
Prevention	
___ 14. Communications	67121
___ 15. Aisle Space	67124
___ 16. Local Authority	67126
___ 17. Maintenance	67120
___ 18. Training	67105
Contn. gency	
___ 19. Prepared	67140
___ 20. Name List	67141
___ 21. Copies	67141
___ 22. Eng. Coord. Trng.	67144
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
LB TRANSPORTER (Title 22)	
___ 32. Applic./insurance	66428
___ 33. Comp. Cert./CHP Insp.	66448
___ 34. Containers	66465
Manifest	
___ 35. Vehicles	66465
___ 36. EPA ID #s	66531
___ 37. Correct	66541
___ 38. HW Delivery	66543
___ 39. Records	66544
Cont'n	
___ 40. Name/ Covers	66545
___ 41. Recyclables	66800

Comments:
 Arrived on site at ~11:30 AM. Came out to observe the removal of 2, 8,000-gallon gas USTs, one fiberglass 6,000-gallon diesel UST, and one 100-gallon waste oil UST. The piping to the dispensers will be removed on another day (hopefully w/in the next 2 working days). The dispensers have already been removed. Soil staining along parking & the sidewalk have already been noted. Some water and stained soil noted in the waste oil tank pit. Piping from this tank appeared to lead into building, which is located adjacent to this tank, to the southeast. Jerry James, Oakland Fire Dept., arrived on site. Soil type in pit appeared to be very sandy, and the walls of the pit were partially undermined already. The dimensions of the waste oil pit are 5' x 7' x 5' deep. Water in waste oil pit appears to be groundwater, since high groundwater was observed in gas UST pit last night, according to Terry, SEMCO.

Rev 6/88
 Contact: Terry Hamilton
 Title: President, Semco
 Signature: Terry Hamilton

Inspector: Juliet Shin
 Signature: Juliet Shin

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# 1289 Site Name Scooter Wilson Today's Date 3/31/99
 Site Address 3600 MacArthur EPA ID# _____
 City Oakland Zip 94619 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)

LA GENERATOR (Title 22)

- | | | | |
|-------------------|--------------------------|--------------------|-------|
| — | 1. Waste ID | * 66471 | |
| — | 2. EPA ID | 66472 | |
| — | 3. > 90 days | 66508 | |
| — | 4. Label dates | 66506 | |
| — | 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. (HS&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/> | | | |
| Confin.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:

Waste oil UST removed. No apparent holes were noted in UST. Additional contaminated soil & odor revealed in ^{in pit} tank was removed from pit. Groundwater was percolating into pit. Stained soil observed on bottom and removal of pit on end where fill pipe ^(south?) was. SENCE will remove this piping today. Groundwater sample collected from pit. Only substances noted on ground near waste oil pit. Soil sample was collected from the soil/water interface from ~4' base on side adjacent to building (west). Two composite soil samples were collected from the stockpiled soil, to be composited. All samples will be analyzed for whole array of waste oil constituents listed in Table 2 of RWOCB guidelines. Waste oil pit will be lined w/ visqueen and the stockpiled soil will temporarily be placed back in pit for safety reasons. Contaminated soil was also left in place in pit.

LB TRANSPORTER (Title 22)

- | | | | |
|----------|---------------------------|------------------|-------|
| — | 32. Applic./Insurance | 66428 | |
| — | 33. Comp. Cert./CHP Insp. | 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's | — | 40. Name/ Covers | 66545 |
| — | 41. Recyclables | 66800 | |

Rev 6/88

Contact: Terry Hamilton
 Title: President
 Signature: Terry Hamilton

Inspector: Sueet Shin
 Signature: Sueet Shin

Pa 3

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# 1889 Site Name Scooter Wilson Today's Date 3/31/94
Site Address 3600 MacArthur EPA ID#
City Oakland Zip 94619 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
6. Records 66492
7. Correct 66484
8. Copy sent 66492
9. Exception 66484
10. Copies Rec'd 66492
11. Treatment 66371
12. On-site Disp. (H.S.&C.) 26189.5
13. Ex Haz. Waste 66570
14. Communications 67121
15. Aisle Space 67124
16. Local Authority 67126
17. Maintenance 67120
18. Training 67105
19. Prepared 67140
20. Name List 67141
21. Copies 67141
22. Emg. Coord. Tmg. 67144
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:

Collected groundwater sample from gas/diesel UST pit. Apparently, according to Terry, the owner of site has chosen not to pump pit and let it recharge due to the cost. So, at this time, they wanted only a rough or minimal groundwater characterization. Water was sprayed on tanks to cool them down in order to assist in reducing LEL and O2 levels, since they were having a great deal of difficulty reducing levels all day. The fill ends of the gas USTs were in the west ends facing MacArthur. The fill end on the diesel UST is on the north end, facing Magee. No holes evident in first 2,000-gallon UST removed.

IB TRANSPORTER (Title 22)

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

Rev 6/88

Contact: Terry Hamilton
Title: President
Signature: Terry Hamilton

Inspector: Juliet Shin
Signature:

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

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

page 4
of 5

II, III

Site ID # _____ Site Name Scotter Wilson Today's Date 3/31/94

Site Address 3600 MacArthur Blvd.

City Oak Zip 94 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

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

Comments:

2:15 arrived onsite to relieve Juliet Shin.
2:35 removal of second 8,000-gal gasoline UST (closer to bldg). UST is gal wall steel w/ tar wrap. No obvious holes; minor rust.
3:00 Removal of 6,000-gal. diesel UST. UST is fiberglass; no obvious holes. Slight green on gw in diesel pit.
3:40 Took soil sample #4 from East wall at ~7'. Soil is gravelly clay; greenish; no petro. odor.
3:50 Took soil sample #6 from N. wall at ~7'. Soil is tight & gravelly clay; partly green; no petro. odor.
4:00 Took soil sample #7 from ~~the~~ south wall at ~7'. Strong petro. odor. Sample taken below piping (which leads to dispenser).
4:10 Took soil sample #8 from West wall at ~7'. Soil is gravelly clay; no petro. odor.

Manifest #s 93266947 (8K gas + 6K diesel) + #92892409 (8K gas + 100-gal waste oil), as per Terry's notes. I did not see the manifests.

II, III

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Sids. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

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

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

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

Contact: Terry Hamilton, Pager 415-377-8658

Title: Project mgr.

Signature: Terry Hamilton

Inspector: J. Eberle

Signature: J. Eberle

white -env.health
 yellow -facility-
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF
 ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

5
 P. of 5

II, III

Site ID # _____ Site Name Scotter Wilson's Today's Date 3/31/94

Site Address 3600 MacArthur
 City Oak Zip 94 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

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

Comments:

Service plans to backfill the stock-piled soil + later reexcavate it.
 14.50 Stockpile is ~50 yd³ + is being sampled in a 4-pt. composite.
 A vitqueen liner will be placed above the stockpiled soil in the excavation. The pit will then be backfilled with clean fill from Granite Rock in Redwood Ct to grade. This is being done bec. safety is an issue. Site is located at a busy intersection in a residential neighborhood.

II.A. BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B. ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (HS&S)
 - 2. Pipeline Leak Detection 25292 (HS&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

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

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

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

Rev 6/88

Contact: Terry Hamilton Pager 415-377-8658

Title: Project Mgr.

Signature: Terry Hamilton

Inspector: Jennifer Eberte

Signature: J Eberte

II, III

UNIFORM HAZARDOUS WASTE MANIFEST

Information in the shaded area is not required by Federal law.

1. Generator's US EPA ID No. **CAL00001923157** Manifest Document No. **9240191** of **2**

3. Generator's Name and Mailing Address
**Wannetta Hall for
 The Estate of Henry Hall
 3600 MacArthur Blvd
 Oakland, CA 94619**

State Manifest Document Number
92892409

510-532-9499
Generator's Phone

5. Transporter 1 Company Name
RICH HAMILTON TRUCKING

6. US EPA ID Number
CAL00001112413
 7. Transporter 2 Company Name
209-578-4100

9. Designated Facility Name and Site Address
**ERICKSON, INC.
 255 PARR BLVD.
 RICHMOND, CA 94801**

10. US EPA ID Number
CAD0009466392
 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)
**WASTE EMPTY STORAGE TANK NON RCRA
 HAZARDOUS WASTE SOLID.**

12. Containers
 No. Type
002 T P

13. Total Quantity
081100

14. Unit
 Wt/Vol
P

15. Special Handling Instructions and Additional Information
**KEEP AWAY FROM SOURCES OF IGNITION. ALWAYS WAER HARD HATS WHEN WORKING
 AROUND U.S.T'S 24HR. CONTACT NAME Wannetta Hall & PHONE 510-532-9499**

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.

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **FLOYD WILSON** Signature **Floyd Wilson** Month **03** Day **31** Year **94**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Kevin Kelley** Signature **Kevin Kelley** Month **03** Day **31** Year **94**

19. Discrepancy Indication Space
2. PAGE 1 OF 1

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **DAVID SATO** Signature **DAVE SATO** Month **03** Day **31** Year **94**

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

SEMCO DO NOT WRITE BELOW THIS LINE.

APR 23 1994

Received

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550
 93266947
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C1A110101009123517	Manifest Document No. 66947		2. Page 1 of	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address WANNETTA HALL FOR THE ESTATE OF HENRY HALL 510-532-9499 3600 MACARTHUR BLVD. OAKLAND CA 94619				State Manifest Document Number 93266947		State Generator ID	
4. Generator's Phone				State Generator ID		State Generator ID	
5. Transporter 1 Company Name RICH HAMILTON TRUCKING				6. US EPA ID Number C A L I O O 1 1 1 2 4 1 3		State Transporter ID 405121	
7. Transporter 2 Company Name				8. US EPA ID Number		State Transporter ID (209) 578-4100	
9. Designated Facility Name and Site Address ERICKSON, INC. 255 PARR BLVD. RICHMOND, CA 94801				10. US EPA ID Number C A D O O 9 4 6 6 3 9 2		State Facility ID 510-235-1893	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity	
a. WASTE EMPTY STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID.				002 T P / 19000		14. Unit Wt/Vol 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 WANNETTA HALL & PHONE 510-532-9499							
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 LLOYD WILSON				Signature Lloyd Wilson		Month Day Year 03 31 94	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name TIM HOWARD				Signature Tim Howard		Month Day Year 03 31 94	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space 2 PAGE 1 OF 1							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name DAVID SATO				Signature DAVE SATO		Month Day Year 03 31 94	

DO NOT WRITE BELOW THIS LINE.

SEMCO

APR 23 1994

Received

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18640

CUSTOMER SEMCO
JOB NO. 84567

FOR: Erickson, Inc. TANK NO. 13338

LOCATION: Richmond DATE: 04/05/94 TIME: 06:06:40

Visual Gastech/1314 SMPN LG

TEST METHOD _____ LAST PRODUCT _____

SEMCO
APR 23 1994
Received

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 8000 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

TITLE

INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18641

CUSTOMER SEMCO
JOB NO. 84567

FOR: Erickson, Inc. TANK NO. 13339

LOCATION: Richmond DATE: 04/05/94 TIME: 06:06:40

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT UO

SEMCO
APR 23 1994
Received

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 100 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.

<u>[Signature]</u>	<u>[Signature]</u>	
REPRESENTATIVE	TITLE	INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18662

CUSTOMER SEMCO	
JOB NO.	84567

FOR: Erickson, Inc. TANK NO. 13340

LOCATION: Richmond DATE: 04/05/94 TIME: 11:50:12

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT LG

SEMCO
APR 23 1994
received

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.

8000 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.

KA
REPRESENTATIVE

TITLE

Dave Siro
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 18674

CUSTOMER SEMCO
JOB NO. 84567

Erickson, Inc. 13341
FOR: _____ TANK NO. _____
Richmond 04/06/94 12:07:22

LOCATION: _____ DATE: _____ TIME: _____
Visual Gastech/1314 SMPN D

TEST METHOD _____ LAST PRODUCT _____

SEMCO
APR 23 1994
Received

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.

6000 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."

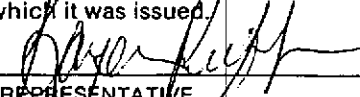

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

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 TITLE INSPECTOR 

93391240
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1101010101012357		Manifest Document No. 91240		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address JANETTA HALL FOR ESTATE OF HENRY HALL 3000 MACARTHUR BLVD. OAKLAND, CA 94619				A. State Manifest Document Number 93391240							
4. Generator's Phone (510) 532-9499				B. State Facility ID [Shaded]							
5. Transporter 1 Company Name ALTED PETROLEUM		6. US EPA ID Number CA110101011123114		C. State Facility ID [Shaded]							
7. Transporter 2 Company Name		8. US EPA ID Number		D. State Facility ID [Shaded]							
9. Designated Facility Name and Site Address REFINERIES SERVICE 13331 N HWY 33 PATTERSON, CA 95363				10. US EPA ID Number CA1101010131166728		E. State Facility ID [Shaded]					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON RCRA Hazardous waste Liquid b. c. d.				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste Number State EPA/Other	
				001 TIT		00530		G		223	
J. Additional Descriptions for Materials Listed Above Water-gel fuel				K. Handling Codes for Wastes Listed Above 01							
15. Special Handling Instructions and Additional Information USE APPROPRIATE PROTECTIVE GEAR DESIGNATED FACILITY EMERGENCY CONTACT # (800) 974-4444 GENERATOR EMERGENCY CONTACT # (510) 532-9499											
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 DAVID LOVISOLO				Signature <i>[Signature]</i>				Month Day Year 03 30 94			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Colin Kelley				Signature <i>[Signature]</i>				Month Day Year 03 30 94			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
Printed/Typed Name Marianne Whaley				Signature <i>[Signature]</i>				Month Day Year 03 30 94			

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAL00009235791267** Manifest Document No. **1** of **1** Page 1
 Information in the shaded areas is not required by Federal law.

Generator's Name and Mailing Address
WANNETTA HALL FOR ESTATE OF HENRY HALL
3600 MACARTHUR BLVD.
OAKLAND, CA 94619

4. Generator's Phone **510 532-9499**
 5. Transporter 1 Company Name
 6. US EPA ID Number

7. Transporter 2 Company Name **ALLIED PETROLEUM**
 8. US EPA ID Number **CAL0000112314**

9. Designated Facility Name and Site Address
REFINERIES SERVICE
13331 N HWY 33
PATTERSON, CA 95363
 10. US EPA ID Number **CAL000813166728**

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. NON RCRA Hazardous waste Liquid	01	TT	00280	G
b.				
c.				
d.				

17. Additional Descriptions for Materials Listed Above
 18. Handling Codes for Materials Listed Above

15. Special Handling Instructions and Additional Information
USE APPROPRIATE PROTECTIVE GEAR
DESIGNATED FACILITY EMERGENCY CONTACT # (800) 874-4444
GENERATOR EMERGENCY CONTACT # (510) 532-9499

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 Floyd Wilson	Signature <i>Floyd Wilson</i>	Month 03	Day 31	Year 94
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Colin Keller	Signature <i>Colin Keller</i>	Month 03	Day 31	Year 94
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 Wragg	Signature <i>Martin Wragg</i>	Month 04	Day 04	Year 94
---	----------------------------------	--------------------	------------------	-------------------

DO NOT WRITE BELOW THIS LINE.

FACILITY: NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-424-8802

DAILY SAFETY BRIEFING REPORT

Project # 94-3571 Date 3-31-94 Time _____

Project Name HALL, Wannetta

Project Location 3600 MacArthur Avenue - Oakland

Client/Address Same/Same (510) 532-9499

Project Activity Remove (2) 8,000-Gas, (1) 6,000-Gas & (1) 500 Gallon Waste Oil Tanks

SAFETY TOPICS

CHEMICAL HAZARDS-Benzene, Toluene, Xylene, Ethyl Benzene, Freon, Diesel, Waste Oil, Petroleum Hydrocarbons

PHYSICAL HAZARDS-Open excavation, debris piles, exposed piping, cave-ins, moving equipment, electrical shock

RESPIRATORY PROTECTIVE EQUIPMENT-Half-face respirator with organic vapor cartridges if necessary

SAFETY/PERSONAL PROTECTIVE EQUIPMENT/CLOTHING (List specifically for each activity)- Hard hats, steel toe shoes, safety glasses, uniform shirt, protective gloves

SPECIFIC INSTRUCTIONS-No smoking, eating, drinking, or chewing within 25' of the excavation, wash hands before doing any of the above

HOSPITAL/CLINIC Highland Hospital PHONE (510) 534-8055

HOSPITAL ADDRESS 1411 E. 31st Street - Oakland

PARAMEDIC () 911 FIRE DEPT. () 911 POLICE () 911

EMERGENCY PROCEDURES-Treat minor injuries on site, transport victim to hospital if necessary

-ATTENDEES-

NAME (Please Print)

NAME (Signature)

John Dudley
Ed Adams
Pat Vigil
Tom Crayton

[Signature]
[Signature]
Pat Vigil
John Crayton

Meeting Conducted By Terry Hamilton

Supervisor Terry Hamilton, President, P.M.