1996 waste oil UST

HK2, INC./SEMCO

1751 LESLIE STREET • SAN MATEO, CA 94402 • (415) 572-8033 • (415) 572-9734 FAX

GENERAL ENGINEERING & ENVIRONMENTAL CONTRACTORS LICENSE NO. 719103 (A, B, C57, C61,D40,HAZ, ASB)

September 13, 1996

ref: 96-0222

Scott Seery
Alameda County
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
(510) 567-6700 phone
(510) 337-9335 fax

re: Tank removal at 16035 E. 14th St., San Leandro, California

Dear Scott Seery,

Enclosed is the tank removal report for the site referenced above.

Please let us know if you have any questions.

Sincerely,

SEMCO/HK2, Inc.

Mark Dysert
Environmental Specialist

cc: Jerry and Mary Petsas

Tank Removal Report

Site Location:

16035 E.14th St.
San Leandro, CA

Prepared For:

Jerry & Mary Petsas
16518 Toledo St.
San Leandro, CA 94578
(510) 276-2828

Submitted To:

Scott Seery
Alameda County
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335

Prepared By:

SEMCO/HK2, Inc.
1751 Leslie Street
San Mateo, CA 94402
(415) 572-8033 phone
(415) 572-9734 fax

Job # 96-0222

CERTIFICATION

This report was prepared by HK2, Inc./SEMCO under the professional direction and review of the person whose name and seal are shown below.

The recommendations and professional opinions presented herein, are within the limits prescribed by the client and were prepared in accordance with generally accepted professional engineering and industrial hygiene practices. There is no other warranty either expressed or implied.

Stanley L. Klemetson, Ph. D., P.E.

Tank Removal Report
16035 E. 14th Street
San Leandro, CA

SEMCO/HK2, Inc. was contracted by Jerry and Mary Petsas to remove one (1) 250 gallon single wall steel waste oil tank. The underground storage tank (UST) was double wrapped in tar. The UST was located at the commercial site 16035 E. 14th St. in San Leandro, California. This report covers the tank removal and sampling activities.

On July 29, 1996 SEMCO/HK2, Inc. removed the concrete and asphalt surface, in order to access the tank. The soil was removed from the top and along one side of the tank and stockpiled on site. The tank was inerted with 50 lbs. of solid carbon dioxide (dry ice) until acceptable levels of oxygen and lower explosive limits were reached to meet safety requirements.

A total of 35 gallons of product and water was pumped from the tank into one (1) 55 gallon DOT approved drum for disposal by Evergreen Environmental Services. Evergreen Environmental Services picked up and transported 35 gallons for disposal on August 22, 1996 under bill of lading 535490.

Scott Seery of the Alameda County Environmental Health Department and Ed Ladani of Alameda County Fire were both on site to verify the tank readings and witness the removal, loading and sampling activities.

The tank was a single wall steel tank that was double wrapped in tar. It had no apparent holes or heavy corrosion. The soil had some hydrocarbon impact most likely from over spillage.

The tank was loaded onto Dexanna Ltd. for disposal and transported to Erickson, Inc. under manifest number # 95269970.

Three (3) soil samples were collected. One (1) soil sample *1-285-WO@6.5'* was collected from the middle of the excavation at a depth of 6.5' bgs at the interface of the fill material and the native material. The excavation was deepened to a depth of 10' bgs where ground water was encountered. A second sample *2-285-WO@9.5'* was collected from the northwest corner side wall just above the ground water at an approximate depth of 9.5' bgs. The third sample *3-SP-COMP* a four composite sample was collected from the excavated material.

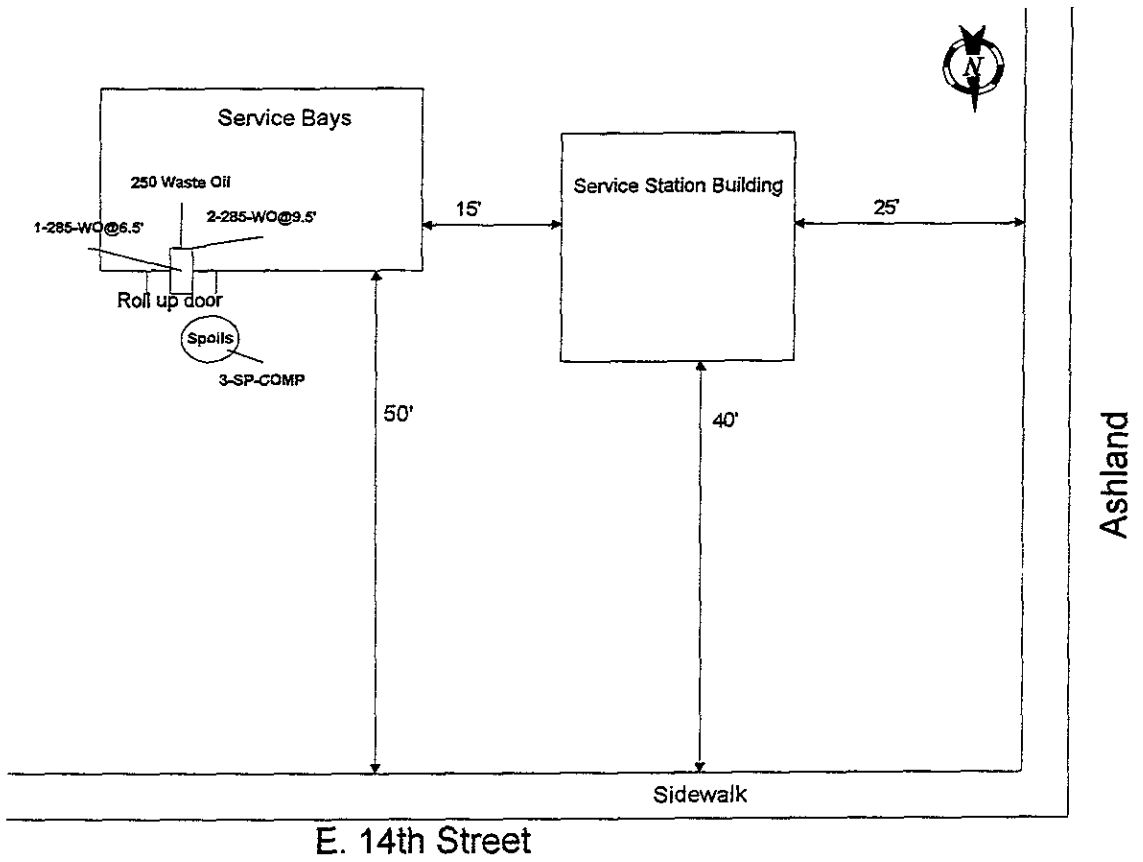
All samples were collected in clean brass tubes, which were sealed with Teflon tape, pre-formed plastic end caps and masking tape. The samples were labeled and entered onto a chain of custody and placed in an iced cooler for transportation to North State Environmental for the analysis of Total Petroleum Hydrocarbon as Diesel (TPH-D), Total Petroleum Hydrocarbon as Gasoline (TPH-G), Benzene, Toluene, Ethylbenzene and

Xylenes (BTEX), Total Oil and Grease (TEPH), 5 Metals (ICAP), Chlorinated Hydrocarbons (8010), Semi-Volatiles (8270) and RCI for disposal purposes.

Analytical results are presented in the appendix.

On August 30, 1996 there was 19.48 tons of contaminated soil was removed from the excavation and disposed of at Bay Area Soil under non-hazardous materials manifest 001891. This concluded the overexcavation work at this site.

This report was prepared from field technicians worksheets, inspector's field notes and analytical data pertaining to this site.



Not to Scale

HK2, INC./ SEMCO
1751 Leslie Street
San Mateo, California
94402

Jerry & Mary Petsas
16035 E. 14th Street
San Leandro, Calif.

Site Layout and Sampling Locations

APPENDIX

96-531

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: HK2, INC	Phone: 572-8033	Report to: HK2, INC. / SEMCO	Turnaround Time
Mailing Address: 1751 Leslie ST. SAN MATEO, CA 94402		Billing to: →	8 Hr ☐ 24 Hr ☐ 40 Hr ☐ 5 Days ☐
Site Address: 16035 E. 14TH ST, SAN LEANDRO		PO # / Billing Reference: 96-0222 PETSAS	Other ☐
Sampler: MARK DYSERT	Date: 7/29/96		

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	ANALYSIS REQUESTED: TPH-D	TPH-G	BTEX	O+G	ICAP 5 METALS	8010	8270	RCI		Remarks
1-285-WO@6.5'	SOIL	1 BRASS	1:40p, 7/29	X	X	X	X	X	X	X			
2-285-WO@9.5'	SOIL	1 BRASS	2:30p, 7/29	X	X	X	X	X	X	X			
3-SP-COMP	SPECIFIED SOIL	4 BRASS	3:00p, 7/29	X	X	X	X	X	X	X	X		

Relinquished by: Mark Dyser	Date: 7/29/96 Time: 4:25	Received by: Edward C. Thomas		Yes / No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?	✓

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

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

JOB NO: 96-531
CLIENT: SEMCO
PROJECT NAME: E. 14th STREET
96-0222 PETSAS

DATE SAMPLED: 07-29-96
DATE EXTRACTED: 07-31-96
DATE ANALYZED: 07-31-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
DIESEL RANGE HYDROCARBONS BY EPA METHOD 8015 M
TEPH (OIL AND GREASE) BY EPA METHOD 5520 F

Sample No.	Client ID	Analyte	Result
96-531-01	1-285-WO @ 6.5' SOIL	Benzene	ND
		Toluene	ND
		Ethylbenzene	54 ug/Kg
		Xylenes	430 ug/Kg
		Gasoline	30 mg/Kg
		Diesel	42 mg/Kg
		TEPH (5520 F)	250 mg/Kg
96-531-02	2-285-WO @ 9.5' SOIL	Benzene	ND
		Toluene	ND
		Ethylbenzene	ND
		Xylenes	9 ug/Kg
		Gasoline	.62 mg/Kg
		Diesel	ND
		TEPH (5520 F)	17 mg/Kg
96-531-03	3-SP-COMP SOIL	Benzene	ND
		Toluene	13 ug/Kg
		Ethylbenzene	46 ug/Kg
		Xylenes	40 ug/Kg
		Gasoline	16 mg/Kg
		Diesel	44 mg/Kg
		TEPH (5520 F)	310 mg/Kg

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No: 96-531
Client: Semco/HK2
Project: 16035 E. 14th St., San LEandro

Date Sampled: 07-29-96
Date Extracted: 08-03-96
Date analyzed: 08-04-96

TTLC Metals by Atomic Absoption Spectrsocopy
Sample prepared by Method 3050

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-531-01	1-285-WO 6.5' Soil	Nickel	7520	42 mg/Kg
		Zinc	7950	49 mg/Kg
		Chromium	7190	39 mg/Kg
		Cadmium	7130	ND
		Lead	7420	ND
96-531-02	2-285-WO 9.5' Soil	Nickel	7520	42 mg/Kg
		Zinc	7950	46 mg/Kg
		Chromium	7190	41 mg/Kg
		Cadmium	7130	ND
		Lead	7420	ND
96-531-03	SP-Comp	Nickel	7520	41 mg/Kg
		Zinc	7950	92 mg/Kg
		Chromium	7190	39 mg/Kg
		Cadmium	7130	ND
		Lead	7420	44

Quality Contorol Quality Assurance Summary:

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Nickel	7520	5.0 mg.Kg	ND	87/95	3
Zinc	7950	1.0 mg/Kg	ND	95/94	4
Chromium	7190	5.0 mg/Kg	ND	87/92	1
Cadmium	7130	2.0 mg/Kg	ND	92/94	2
Lead	7420	2.0 mg/Kg	ND	100/102	2

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

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North State Environmental
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CERTIFICATE OF ANALYSIS

Lab No: 96-531
Client: Semco/HK2
Project: 16035 E.14th St., San Leandro

Date Sampled: 07-29-96
Date Extracted: 08-04-96
Date analyzed: 08-04-96

REACTIVE CYANIDE BY SW-846 CHAPTER 7, SEC. 7.3.3.2
REACTIVE SULFIDE BY SW-846 CHAPTER 7, SEC. 7.3.4.2
PH OF SOIL WASTES BY METHOD 9045
FLASHPOINT BY METHOD 1010 CLOSED CUP PENSKY-MARTENS

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-531-03	SP-Comp	CYANIDE	CH7 7.3.3.2	ND<10 mg/Kg
	SOIL	SULFIDE	CH7 7.3.4.2	ND<5 mg/Kg
		PH	9045	8.5
		FLASHPOINT	1010	> 200 F

pH meter was calibrated using 3 buffer solutions from Spectrum Chemical Co., at pH 4,7, and 10.

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-531
CLIENT: Semco/HK2
PROJECT ID: 16035 E. 14th st., San Leandro

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED:07-30-96

8010 Volatile halogenated organics by GC/MS Method 8260

Laboratory Number	96-531-01	96-531-02	96-531-03
Client ID	1-285-wo @ 6.5	2-285-WO @ 9.5	SP-COMP
Matrix	SOIL	SOIL	SOIL
Analyte	Results	Results	Results
Chlormethane	ND<25	ND<25	
Vinyl Chloride	ND<25	ND<25	ND<25
Bromomethane	ND<25	ND<25	ND<25
Chloroethane	ND<25	ND<25	ND<25
Trichlorofluoroethane	ND<5	ND<5	ND<25
1,1-Dichloroethene	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5
trans-1,2-Dichloroethene	ND<5	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5	ND<5
cis-1,2-Dichleoroethene	ND<5	ND<5	ND<5
Chloroform	ND<5	ND<5	ND<5
1,1,1-Trichloroethane	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5
Bromodichloroethane	ND<5	ND<5	ND<5
trans-1,3-Dichloropropene	ND<5	ND<5	ND<5
cis-1,3-Dichloropropene	ND<5	ND<5	ND<5
1,1,2-Trichloroethane	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	ND<5	ND<5
Dibromobenzene	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5
1,1,2,2-Tetrachloroethane	ND<5	ND<5	ND<5
1,3-Dichlorobenzene	ND<5	ND<5	ND<5
1,4-Dichlorobenzene	ND<5	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5	ND<5
Surrogate Recoveries			
1,2-Dichloroethane d4	92%	93%	93%
Toluene d8	94%	96%	94%
4-Bromofluorobenzene	92%	94%	94%

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-531
CLIENT: Semco/HK2
PROJECT ID: 16035 E. 14th st., San Leandro

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED:07-30-96

8010 Volatile halogenated organics by GC/MS Method 8260
Quality Control/Quality Assurance Summary

Laboratory Number	96-531	MS/MSD
Client ID	Blank	Recoveries
Matrix	SOIL	SOIL
Analyte	Results	
Chlormethane	ND<25	
Vinyl Chloride	ND<25	
Bromomethane	ND<25	
Chloroethane	ND<25	
Trichlorofluoroethane	ND<5	
1,1-Dichloroethene	ND<5	106/101
Methylene Chloride	ND<5	
trans-1,2-Dichloroethene	ND<5	
1,1-Dichloroethane	ND<5	
cis-1,2-Dichleoroethene	ND<5	
Chloroform	ND<5	
1,1,1-Trichloroethane	ND<5	
Carbon Tetrachloride	ND<5	
1,2-Dichloroethane	ND<5	
Trichloroethene	ND<5	95/96
Bromodichloroethane	ND<5	
trans-1,3-Dichloropropene	ND<5	
cis-1,3-Dichloropropene	ND<5	
1,1,2-Trichloroethane	ND<5	
Tetrachloroethene	ND<5	
Dibromobenzene	ND<5	
Chlorobenzene	ND<5	124/104
1,1,2,2-Tetrachloroethane	ND<5	
1,3-Dichlorobenzene	ND<5	
1,4-Dichlorobenzene	ND<5	
1,2-Dichloroethane	ND<5	
Surrogate Recoveries		
1,2-Dichloroethane d4	92%	91/84
Toluene d8	94%	94/105
4-Bromofluorobenzene	92%	94/102

Reviewed and Approved

John Murphy, Laboratory Director

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

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

JOB NO: 96-531
CLIENT: SEMCO
PROJECT NAME:E. 14th STREET

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED: 07-31-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
DIESEL RANGE HYDROCARBONS BY EPA METHOD 8015M
TEPH (OIL AND GREASE) BY EPA METHOD 5520 F

Quality Control Quality Assurance Summary:Soil

Analyte	Method	Reporting limit		Blank	MS/MSD Recovery	RPD
Benzene	8020	5	ug/Kg	ND	AVG 88%	7
Toluene	8020	5	ug/Kg	ND	AVG 95%	6
Ethylbenzene	8020	5	ug/Kg	ND	AVG 105%	4
Xylenes	8020	10	ug/Kg	ND	AVG 104%	4
Gasoline	8015/5030	0.5	mg/Kg	ND	AVG 95%	2
Diesel	8015 M	1	mg/Kg	ND	AVG 102%	2
TEPH	5520 F	50	mg/Kg	ND	AVG 64%	28

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

21669

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: NSE	Phone: 588-9652	Report to: J. MURPHY	Turnaround Time: 8 Hr ☐ 24 Hr ☐ 40 Hr ☐ 5 Days ☐ Other NORM TAT
Mailing Address: 905 SPRUCE 'W' SSFCA 94080		Billing to:	
Site Address: 16035 E. 14TH ST.		PO # / Billing Reference: 96-531	
Sampler: J. MURPHY	Date: 7/29/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	8270	Remarks
96531-01	1-285-WO@6.5	1 4L	7/29/96					X	
2	2-285-WO@9.5	1 4L						X	
3	SP COMP	1 4L						X	

Please Initial:
Samples Stored in ice.
~~Appropriate containers~~
Samples preserved
VOA's without headspace
Comments:

SOILS (4) 8 GLASS

Relinquished by:	Date: 7/29/96	Time: 11:30	Received by:		
Relinquished by:	Date: 7/30/96	Time: 1205	Received by:	Were samples Preserved ?	Yes ☐ No ☑
Relinquished by:	Date: 07/30/96	Time: 13:25	Received in lab by:	In good condition ?	☑

Superior
Analytical Laboratory

CASE NARRATIVE

NORTH STATE ENVIRONMENTAL
Project Number/Name: N/A
Laboratory Number: 21669

Sample Receipt

Three soil samples were received by
Superior Analytical Laboratory on July 30, 1996.

Cooler temperature was 5.6°C

No abnormalities were noted with sample recieving.

Sample Analysis

The samples were analysed for method 8270.

Customer Service: (800) 521-6109 • Laboratory: (510) 313-0850 • Facsimile: (510) 229-0916
Post Office Box 2648 • 835 Arnold Drive • Suite #106 • Martinez, California 94553
1555 Burke Street • Suite A • San Francisco, California 94124

Superior Analytical Laboratory

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Chronology

Laboratory Number 21669

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
96531-01	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	01
96531-02	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	02
96531-03	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	03

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
CG302.24-14	Method Blank	MB	Soil	07/30/96	07/30/96
CG302.24-15	Laboratory Spike	LS	Soil	07/30/96	07/30/96
CG302.24-16	Laboratory Spike Duplicate	LSD	Soil	07/30/96	07/30/96
CG302.24-21	31.3-SP2	MS 21667-01	Soil	07/30/96	07/31/96
CG302.24-22	31.3-SP2	MSD 21667-01	Soil	07/30/96	07/31/96

Superior Analytical Laboratory

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID		Matrix	Dil.Factor	Moisture
21669-01	96531-01	I-285-W0 @ 6.5'	Soil	1.0	-
21669-02	96531-02	" " 9.5'	Soil	1.0	-
21669-03	96531-03	SP comp	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
bis(2-chloroethyl)ether	ND	300	ND	300	ND	300
aniline	ND	300	ND	300	ND	300
phenol	ND	300	ND	300	ND	300
2-chlorophenol	ND	300	ND	300	ND	300
1,3-dichlorobenzene	ND	300	ND	300	ND	300
1,4-dichlorobenzene	ND	300	ND	300	ND	300
1,2-dichlorobenzene	ND	300	ND	300	ND	300
benzyl alcohol	ND	300	ND	300	ND	300
bis-(2-chloroisopropyl)ether	ND	300	ND	300	ND	300
2-methylphenol	ND	300	ND	300	ND	300
hexachloroethane	ND	300	ND	300	ND	300
n-nitroso-di-n-propylamine	ND	300	ND	300	ND	300
4-methylphenol	ND	300	ND	300	ND	300
nitrobenzene	ND	300	ND	300	ND	300
isophorone	ND	300	ND	300	ND	300
2-nitrophenol	ND	300	ND	300	ND	300
2,4-dimethylphenol	ND	300	ND	300	ND	300
bis(2-chloroethoxy)methane	ND	300	ND	300	ND	300
2,4-dichlorophenol	ND	300	ND	300	ND	300
1,2,4-trichlorobenzene	ND	300	ND	300	ND	300
naphthalene	ND	300	ND	300	ND	300
benzoic acid	ND	1500	ND	1500	ND	1500
4-chloroaniline	ND	300	ND	300	ND	300
hexachlorobutadiene	ND	300	ND	300	ND	300
4-chloro-3-methylphenol	ND	300	ND	300	ND	300
2-methyl-naphthalene	ND	300	ND	300	ND	300
hexaclorocyclopentadiene	ND	1500	ND	1500	ND	1500
2,4,6-trichlorophenol	ND	300	ND	300	ND	300
2,4,5-trichlorophenol	ND	300	ND	300	ND	300
2-chloronaphthalene	ND	300	ND	300	ND	300
2-nitroaniline	ND	300	ND	300	ND	300

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
21669-01	96531-01	Soil	1.0	-
21669-02	96531-02	Soil	1.0	-
21669-03	96531-03	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
acenaphthylene	ND	300	ND	300	ND	300
dimethylphthlate	ND	300	ND	300	ND	300
2,6-dinitrotoluene	ND	300	ND	300	ND	300
Acenaphthene	ND	300	ND	300	ND	300
3-nitroaniline	ND	300	ND	300	ND	300
2,4-dinitrophenol	ND	1500	ND	1500	ND	1500
dibenzofuran	ND	300	ND	300	ND	300
2,4-dinitrotoluene	ND	300	ND	300	ND	300
4-nitrophenol	ND	300	ND	300	ND	300
fluorene	ND	300	ND	300	ND	300
4-chlorophenyl-phenylether	ND	300	ND	300	ND	300
diethylphthlate	ND	300	ND	300	ND	300
4-nitroaniline	ND	1500	ND	1500	ND	1500
4,6-dinitro-2-methylphenol	ND	300	ND	300	ND	300
n-nitrosodiphenylamine	ND	300	ND	300	ND	300
4-bromo-phenyl-phenylether	ND	300	ND	300	ND	300
hexachlorobenzene	ND	300	ND	300	ND	300
pentachlorophenol	ND	1500	ND	1500	ND	1500
phenanthrene	ND	300	ND	300	ND	300
anthracene	ND	300	ND	300	ND	300
di-n-butylphthlate	ND	300	ND	300	ND	300
fluoranthene	ND	300	ND	300	ND	300
benzidine	ND	1500	ND	1500	ND	1500
pyrene	ND	300	ND	300	ND	300
butylbenzylphthlate	ND	300	ND	300	ND	300
3.3'-dichlorobenzidine	ND	300	ND	300	ND	300
Benzo(a)Anthracene	ND	300	ND	300	ND	300
chrysene	ND	300	ND	300	ND	300
bis(2-ethylhexyl)phthalate	ND	300	ND	300	ND	300
di-n-octylphthalate	ND	300	ND	300	ND	300
Benzo(b)Fluoranthene	ND	300	ND	300	ND	300

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
21669-01	96531-01	Soil	1.0	-
21669-02	96531-02	Soil	1.0	-
21669-03	96531-03	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
Benzo(k)Fluoranthene	ND	300	ND	300	ND	300
Benzo(a)Pyrene	ND	300	ND	300	ND	300
Indeno(1,2,3)Pyrene	ND	300	ND	300	ND	300
dibenzo[a,h]anthracene	ND	300	ND	300	ND	300
9H-Carbazole	ND	300	ND	300	ND	300
Benzo(g,h,i)Perylene	ND	300	ND	300	ND	300
>> Surrogate Recoveries (%) <<						
2-fluorophenol	64		37		54	
phenol-d5	71		52		64	
nitrobenzene-d5	67		50		62	
2-fluorobiphenyl	71		64		70	
2,4,6-tribromophenol	90		83		89	
terphenyl-d14	71		67		73	

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669
Method Blank(s)

CG302.24-14

	Conc. ug/Kg	RL
bis(2-chloroethyl)ether	ND	300
aniline	ND	300
phenol	ND	300
2-chlorophenol	ND	300
1,3-dichlorobenzene	ND	300
1,4-dichlorobenzene	ND	300
1,2-dichlorobenzene	ND	300
benzyl alcohol	ND	300
bis-(2-chloroisopropyl)ether	ND	300
2-methylphenol	ND	300
hexachloroethane	ND	300
n-nitroso-di-n-propylamine	ND	300
4-methylphenol	ND	300
nitrobenzene	ND	300
isophorone	ND	300
2-nitrophenol	ND	300
2,4-dimethylphenol	ND	300
bis(2-chloroethoxy)methane	ND	300
2,4-dichlorophenol	ND	300
1,2,4-trichlorobenzene	ND	300
naphthalene	ND	300
benzoic acid	ND	1500
4-chloroaniline	ND	300
hexachlorobutadiene	ND	300
4-chloro-3-methylphenol	ND	300
2-methyl-naphthalene	ND	300
hexaclorocyclopentadiene	ND	1500
2,4,6-trichlorophenol	ND	300
2,4,5-trichlorophenol	ND	300
2-chloronaphthalene	ND	300
2-nitroaniline	ND	300
acenaphthylene	ND	300
dimethylphthlate	ND	300
2,6-dinitrotoluene	ND	300
Acenaphthene	ND	300
3-nitroaniline	ND	300
2,4-dinitrophenol	ND	1500

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669
Method Blank(s)

	CG302.24-14 Conc. ug/Kg	RL
dibenzofuran	ND	300
2,4-dinitrotoluene	ND	300
4-nitrophenol	ND	300
fluorene	ND	300
4-chlorophenyl-phenylether	ND	300
diethylphthlate	ND	300
4-nitroaniline	ND	1500
4,6-dinitro-2-methylphenol	ND	300
n-nitrosodiphenylamine	ND	300
4-bromo-phenyl-phenylether	ND	300
hexachlorobenzene	ND	300
pentachlorophenol	ND	1500
phenanthrene	ND	300
anthracene	ND	300
di-n-butylphthlate	ND	300
fluoranthene	ND	300
benzidine	ND	1500
pyrene	ND	300
butylbenzylphthlate	ND	300
3.3'-dichlorobenzidine	ND	300
Benzo(a)Anthracene	ND	300
chrysene	ND	300
bis(2-ethylhexyl)phthalate	ND	300
di-n-octylphthalate	ND	300
Benzo(b)Fluoranthene	ND	300
Benzo(k)Fluoranthene	ND	300
Benzo(a)Pyrene	ND	300
Indeno(1,2,3)Pyrene	ND	300
dibenzo[a,h]anthracene	ND	300
9H-Carbazole	ND	300
Benzo(g,h,i)Perylene	ND	300

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669
Method Blank(s)

CG302.24-14
Conc. RL
ug/Kg

>> Surrogate Recoveries (%) <<	
2-fluorophenol	70
phenol-d5	77
nitrobenzene-d5	77
2-fluorobiphenyl	79
2,4,6-tribromophenol	80
terphenyl-d14	78

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (ug/Kg)						
CG302.24 15 / 16 - Laboratory Control Spikes						
phenol		3300	2326/2196	70/67	26-90	4
2-chlorophenol		3300	2344/2212	71/67	25-102	6
1,4-dichlorobenzene		1650	1256/1177	76/71	28-104	7
n-nitroso-di-n-propylamine		1650	1382/1297	84/79	41-126	6
1,2,4-trichlorobenzene		1650	1335/1182	81/72	38-107	12
4-chloro-3-methylphenol		3300	2518/2219	76/67	26-103	13
Acenaphthene		1650	1379/1247	84/76	31-137	10
2,4-dinitrotoluene		1650	1140/1059	69/64	28-118	8
4-nitrophenol		3300	2235/1988	68/60	11-114	13
pentachlorophenol		3300	2434/2199	74/67	17-109	10
pyrene		1650	1566/1470	95/89	35-142	7
>> Surrogate Recoveries (%) <<						
2-fluorophenol				68/67	25-121	
phenol-d5				74/70	24-113	
nitrobenzene-d5				81/71	23-120	
2-fluorobiphenyl				77/73	30-115	
2,4,6-tribromophenol				90/89	19-122	
terphenyl-d14				89/84	18-137	
For Soil Matrix (ug/Kg)						
CG302.24 21 / 22 - Sample Spiked: 21667 - 01						
phenol	ND	3300	1941/1954	59/59	26-90	0
2-chlorophenol	ND	3300	2059/2113	62/64	25-102	3
1,4-dichlorobenzene	ND	1650	1041/1087	63/66	28-104	5
n-nitroso-di-n-propylamine	ND	1650	1125/1120	68/68	41-126	0
1,2,4-trichlorobenzene	ND	1650	1129/1169	68/71	38-107	4
4-chloro-3-methylphenol	ND	3300	2301/2314	70/70	26-103	0
Acenaphthene	ND	1650	1234/1284	75/78	31-137	4
2,4-dinitrotoluene	ND	1650	1219/1203	74/73	28-118	1
4-nitrophenol	ND	3300	2301/2357	70/71	11-114	1
pentachlorophenol	ND	3300	2122/2170	64/66	17-109	3

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
pyrene	ND	1650	1357/1195	82/72	35-142	13
==> Surrogate Recoveries (%) <<						
2-fluorophenol				56/57	25-121	
phenol-d5				65/65	24-113	
nitrobenzene-d5				64/66	23-120	
2-fluorobiphenyl				69/71	30-115	
2,4,6-tribromophenol				94/98	19-122	
terphenyl-d14				81/74	18-137	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

Scott Seery
Project Specialist

7-17-96 SDS

ACCEPTED
Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by the Department are to assure compliance with State and local laws. The project proponent hereby is not released for issuance of any required building permits for construction/destruction.
One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.
Any changes or alterations of these plans and specifications must be submitted to the this Department for approval and Building Inspections Department to determine if such changes meet the requirements of State and local laws.
Notify this Department at least 72 hours prior to the following required inspections:

_____ Removal of Tank(s) and Piping
_____ Sampling
_____ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

*** * * Complete according to attached instructions * * ***

1. Name of Business Vacant Building
   Business Owner or Contact Person **(PRINT)** Jerry & Mary Retsas
2. Site Address 16035 E. 14th Street
   City San Leandro Zip _____ Phone —
3. Mailing Address 16518 Toledo Street
   City San Leandro Zip 94578 Phone 510-276-2828
4. Property Owner Jerry & Mary Retsas
   Business Name (if applicable) _____
   Address 16035 E. 14th Street
   City, State San Leandro, CA Zip 94578
5. Generator name under which tank will be manifested
   Jerry & Mary Retsas
   EPA ID# under which tank will be manifested C A C O O L 2 1 5 8 2 4

6. Contractor HK2, INC. dba: SEMCO

Address 1751 Leslie Street

City San Mateo, CA 94402 Phone 415-572-8033

License Type* A, B, C-61/D40, HAZ, C-57 ID# 719103
ASB

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) N/A

Address _____

City, State _____ Phone _____

8. Main Contact Person for Investigation (if applicable)

Name Chuck Kuper Title President

Company HK2, INC. / SEMCO

Phone 415-572-8033

9. Number of underground tanks being closed with this plan 1

Length of piping being removed under this plan unk.

Total number of underground tanks at this facility (**confirmed with owner or operator) 1

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

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter

Name Evergreen Environmental EPA I.D. No. CAD980695761

Hauler License No. 0242 License Exp. Date 7/97

Address 6880 Smith Avenue

City Newark State CA Zip 94560

b) Product/Residual Sludge/Rinsate Disposal Site

Name Evergreen Environmental EPA ID# CAD980695761

Address 6880 Smith Avenue

City Newark State CA Zip 94560

c) Tank and Piping Transporter

Name Dexanna, LTD EPA I.D. No. CAD982438566

Hauler License No. 2883 License Exp. Date 4/30/97

Address 3104 Athens CT.

City Concord State CA Zip 94519

d) Tank and Piping Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Sample Collector

Name Chuck Kuper, Stan Klemetson or Mark Dysert

Company HK2, Inc / SEMCO

Address 1751 Leslie St.

City San Mateo State CA Zip 94402 Phone 572-8033

12. Laboratory

Name North State Environmental

Address 90 S Spruce Ave. # W

City So San Francisco State CA Zip 94080

State Certification No. 1386

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

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

High Pressure hi - water detergent wash;
20 lbs per 1000 gallons of dry ice
purge w/air, (if applicable)

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 permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.**

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
250	Waste Oil	Soil and or groundwater	2 feet below tank in native soil — or @ soil/water interface AND WATER IF PRESENT

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volu (estimated) Estimated 2-7 yds	ımpling Plan Soil Samples Taken from tank excavation will be collected, placed in brass tubes, sealed with Teflon Tape, caps and placed on ice, transported to a State Certified lab under chain of custody and analyzed for the constituents of the tank. ONE DISCRETE SAMPLE PER 200 yd^3 FOR ON-SITE REUSE OR PER DISPOSAL SITE REQUIREMENTS FOR OFF-SITE DISPOSAL

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

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [ ] no [✓] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.**

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.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240 ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	TPH G GCFID(5030) TPH D GCFID(3510 O & G 5520 B & F BTX&E 602, 624 or 8260 CL HC 601 or 624 PCB PCP PNA CREOSOTE	

18. Submit Worker's Compensation Certificate copy

Name of Insurer CALIF COMP

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business HKA Inc. dba Semco

Name of Individual Rhonda Reames-Kipee

Signature Rhonda Reames-Kipee Date

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business

XName of Individual MARY PETSAS - JERRY PETSAS

XSignature Mary Petsas Date 7-8-96

This Shipping Order Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon and retained by the Agent.

Shipper's No. Job# 96-0222

Terry + Mary Perkins
16035 East 14th Street

Carrier

Agent's No. 0953

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order,

at San Leandro, Calif. 7-29 19 96 from Semco HK2

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof which are hereby agreed to by the shipper and accepted for himself and his assigns

(Mail or street address of consignee--For purposes of notification only)

Consigned to Erickson, Inc. 255 Parr Blvd.

Destination Richmond, (Street) (City) State of Calif. Zip Code 94801 County of Contra Costa

Routing Dexanna Delivering Carrier Dexanna Vehicle or Car Initial 2 No.

Collect On Delivery

$ _____ and remit to: _____

_____ Street _____ City _____ State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub to Cor.)	Class or Rate	Check Column
1	Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid. Manifest # 95269970 Tank # 18433 Loading Time: 13:00 to 13:45 = 3/4 Hr.	250 lbs.		

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID"

Received $_____ to apply to prepayment of the charges on the property described hereon

Agent or Cashier

Per _____
(the signature here acknowledges only the amount Prepaid)

Charges Advanced.

$_____

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight" NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Semco HK2 Shipper, Per Chuck Lem Dexanna Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

Permanent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-typewriter.

See Instructions on back page 6. 968810

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC001215824 | Manifest Document No. 00953 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Terry + Mary Petsas, 16518 Toledo St. - San Leandro, Calif. 94578

4. Generator's Phone: 510 276-3828

A. State Manifest Document Number: 95269970

B. State Generator's ID:

5. Transporter 1 Company Name: Dexanna | 6. US EPA ID Number: CAD982438566

C. State Transporter's ID:

D. Transporter's Phone: (510) 687-1292

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

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: Erickson, Inc. - 255 Parr Blvd. Richmond, Calif. 94801 | 10. US EPA ID Number: CAD009466392

G. State Facility's ID: CAD009466392 (DS)

H. Facility's Phone: (510) 235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	001	TP	00250	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: Qty. 1 Empty Storage Tank # 18433. Tank has been inerted with 15 lbs. DRY ICE per 1000 gallons capacity.

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

15. Special Handling Instructions and Additional Information: Keep away from sources of ignition. Site Location: 16035 East 14th Street - San Leandro, Calif. 24 Hr. Contact Name: Terry Petsas & Phone # (510) 276-3828

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JERRY PETSAS	Jerry Petsas	07	29	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James R. Cox	James R. Cox	07	29	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	07	29	96

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

DTSC 8022A (9/94)
EPA 8700—22

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 15754

CUSTOMER
HK2 INC. DBA:
JOB NO.
968810

FOR: ERICKSON, INC. TANK NO. 18423

LOCATION: RICHMOND DATE: 96/07/30 TIME: 14:56

TEST METHOD VISUAL GASTECH/1311 SMPN LAST PRODUCT UO

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 230 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.
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND WAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

Francisco Campos — REPRESENTATIVE

TITLE

Dave Soto — INSPECTOR

CP5995

96-0222

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice

INVOICE 535490

Date 8/22/96

JOB LOCATION

NAME	J & A Auto Care
ADDRESS	16035 E. 14th Street
CITY / STATE / ZIP / CO	San Leandro, CA 94577
PHONE NO	( )

BILLING INFORMATION

NAME	Semco / HKZ
ADDRESS	1751 Leslie St.
CITY / STATE / ZIP / CO	San Mateo CA 94402
PHONE NO.	415, 572-8033

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO. ~~SEM~~ SEMC06

PO #

PROFILE NO.

CUSTOMER EPA ID NO.

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221			Gal		
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 F001 F002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation			2	Hrs.		
Other: Non-Hazardous Water			35	Gal		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST PASS ☐ FAIL ☐		PPM		Test		

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES _____

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

Sean Fay

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

BAY AREA SOIL DAILY SCALE LOG

DATE 8/30/96

TIME IN	TRUCK #	GROSS	TARE	NET	MAN. #	JOB #	TONS
1051	692	68860	29910	38950	1176	R-9672	19.48
						TOTAL	19.48

R-9672

NON-HAZARDOUS

001891

MATERIALS MANIFEST

GENERATOR Jerry & Mary Letsas

Site Address 16035 E. 14th ST San Leandro

Mailing 16518 Toledo ST, San Leandro, CA 94578

Phone :510 276-2828 Contact: Mary

TRANSPORTER

Address

Phone :( ) Contact:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name: Signature

Truck No. Ship Date:

Time of Pick-Up: Time of Delivery:

Consultant/Owner / Contractor / HK2, Inc

Address 1751 Leslie St.
San Mateo, CA 94402

Phone :( ) 415-572-8033 Contact: Rhonda Reames Lyon

I herby certify that the above named material is consistent with the information presented in the Waste Characterization Form and Contaminated Soil Description Form, and has been properly described, classified and packaged, and is in proper condition for transport according to applicable regulation.

Name Rhonda Reames Lyon / HK2, Inc Date:

Recycling Facility REMEDIAL ENVIRONMENTAL MARKETING CO. INC.
2717 GOODRICK AVENUE RICHMOND, CA 94801

RECEIVED BY:

DATE:

Control No:

A COPY OF THIS SHEET MUST ACCOMPANY EVERY LOAD, AND MUST BE SUBMITTED AT THE GATE FOR ENTRY. ALL LOADS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE. DELIVERIES MUST BE SCHEDULED ON A DAILY BASIS. ANY UNSCHEDULED LOADS MAY BE REFUSED AT THE GATE.

WHITE-FACILITY COPY YELLOW-TRANSPORTER COPY PINK-GENERATOR COPY

1176

NON-HAZARDOUS

MATERIALS MANIFEST

GENERATOR

Site Address: 16035 E. 14th St.
Mailing: San Leandro - Ca.
Phone: ( ) _____ Contact _____

TRANSPORTER

Address _____
Phone: ( ) _____ Contact _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name: John Fitch Signature _____
Truck No. 692 Ship Date _____
Time of Pick-Up: _____ Time of Delivery _____

Consultant/Owner HK2, Inc.

Address 1751 Leslie St.
San Mateo - Ca 94402
Phone: ( ) 415-572-8033 Contact _____

I hereby certify that the above named material is consistent with the information presented in the Waste Characterization Form and Contaminated Soil Description Form, and has been properly described, classified and packaged, and is in proper condition for transport according to applicable regulation.

Name _____ Date 8-30-96

Recycling Facilities REMEDIAL ENVIRONMENTAL MANAGEMENT CO. INC. • 2717 Goodrick Avenue, Richmond, CA 94801
REMCO/CABAZON FACILITY • 62-150 Gene Welmas Drive, Mecca, CA 92254

RECEIVED BY: _____
DATE: 8-30-96
Control No: R-9677

A COPY OF THIS SHEET MUST ACCOMPANY EVERY LOAD, AND MUST BE SUBMITTED AT THE GATE FOR ENTRY. ALL LOADS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE. DELIVERIES MUST BE SCHEDULED ON A DAILY BASIS. ANY UNSCHEDULED LOADS MAY BE REJECTED AT THE GATE.

WHITE: FACILITY COPY · [illegible]

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
Suite 250
Alameda, CA 94502-6577
(510) 567-6700

II, III

Site ID # ____ Site Name Petsas Today's Date 7/29/96

Site Address 16035 E. 14th St.

City San Leandro Zip 94578 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)

ON-SITE: 1:00 – 2:50

Comments:

On-site to observe removal of a single waste oil UST located within the service bay of this former gasoline station

Tank was removed intact and appeared to be in sound condition with no evident holes or heavy corrosion. Tank size is estimated @ 285 gal, and was substantially tar wrapped. Some HC impact is apparent, likely from overspillage. Initial sample was collected just below the interface between apparent fill and native material @ an approximate depth of 6½ BG. The excavation was deepened to an approximate depth of 10' BG where GW was encountered. A single sidewall sample was collected from the NW corner of the resultant excavation, just above the GW/vadose zone interface, from materials lacking clear evidence of HC impact. Approximately 16 yds³ were removed during overex.

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)

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. OffSite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(f)
___	18. Exemption Request? (Y/N)	25536(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 gndwater
  - One time soils
- 3) Daily Vadose (43 x 45")
  - 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 tstng
- 8) Annual Tank Testing
  - Daily Inventory
- 9) Other ____

___	7. Precis 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

Rev 6/88

Contact: Chuck Kiper

Title: SEMCO, Pres.

Signature: Chuck Kiper

Inspector: S. Seery

Signature: S. Seery

II, III

SEMCO ENVIRONMENTAL CONTRACTORS

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

UST CLOSURE INSPECTION WORKSHEET

16035 E14th ST		96-0222
UST SITE ADDRESS	BUSINESS NAME	JOB #
Scott Seary	Ed Ladarie	7/29/96
ENV. HEALTH INSP.	FIRE INSP.	DATE

	Tank ID #	Tank Volume	Date Tank Closed
1	18433	285	7/29/96
2			
3			
4			
5			
6			

UST CONDITION	TANK #	1					
	LEL OK'D	✓					
	PRODUCT FREE	✓					
	HOLES/PITS	NO					
	TANK CUT/CLEANED	NO					
	RUST/SCALES	NO					
SOIL CONDITION	VAPOR	~~YES~~					
	DISCOLORATION	YES					
GROUND WATER	SHEEN	NO					
	FLOATING PRODUCT	NO					
ANALYTICALS REQUESTED	TPH GAS	X					
	TPH DIESEL	X					
	TOTAL OIL AND GREASE	X					
	BTX&E (8020)	X					
	TOTAL LEAD						
	Cl HC (8010)						
	8010 & 8020 or 8240	X					
	8270	X					
	Cd, Cr, Pb, Zn, Ni	X					

NOTES

- 1.00 PM 2.5% O2, 0% LEL
- Scott Seary Alameda County. Present
- Ed Ladarie Alameda Fire. Present
- ~~50~~ lbs dry ice @ 12:30 pm

* SEE DIAGRAM (½ inside garage) OTHERSIDE

Broke concrete to remove.

Single wall (*formerly double) asphalt wrapped

1-285-WO @ 6.5' 6'6" BGS MIDDLE.

2-285-WO @ 9.5' 9'6" BGS ~~WEST~~ CORNER

3-SP-COMP 4 PT COMP

LOAD TO DEXAMINA

TANK 43" long 45" WIDE = 285 gallon

PUMPED 2/3 55gal drum (product)

#95269970
TANK MANIFEST #

#
LIQUID MANIFEST # (155gal w/35-40gal product on site.

PROJECT MANAGER

6' OVER EX → 10'
DEPTH OF EXCAVATION

12.5' x 10.5' x 10'
DIMENSION OF EXCAVATION

DEPTH TO GROUNDWATER
≈ 10'