Environmental Consultants

6761 Sierra Court
Suite D
Dublin, CA 94568

415 829-0661
FAX 415 829-5493

SCS ENGINEERS

May 14, 1990
File No. 0390011.00

Burt McCutchan
NESCO
4107 S. 72nd East Avenue
Tulsa, Oklahoma 74145

Subject: Sample Analysis
ANR Trucking
Oakland, California

Dear Mr. McCutchan:

SCS Engineers has completed the sampling and analysis of soil stockpiled at the ANR Trucking facility located at 2225 West 7th Street in Oakland, California (see Vicinity Map, Figure 1). The soil was removed during the excavation and removal of a 10,000 gallon diesel underground storage tank. This report is the final task in the fulfillment of the work outlined in Proposal #300590 dated April 11, 1990.

The purpose of this report is to present the results of various chemical analyses performed on soil samples obtained in response to Nesco's acceptance of the above-mentioned proposal. In addition, results of chemical analyses from samples obtained from two previous sampling events are presented. A summary of the findings, conclusions and recommendations follow.

BACKGROUND

- March 16, 1990. Verl's Construction, retained by Nesco, excavates and removes a 10,000 gallon diesel underground storage tank. SCS Engineers is retained by Verl's Construction to take the two required soil samples and water sample from the bottom of the tank pit (see Site Plan, Figure 2).

- March 23, 1990. SCS Engineers, retained by Marshall Ryan of Nesco, takes six composite samples of soil removed during the excavation of the diesel tank. Dennis Byrne, inspector for Alameda County Department of Environmental Health is present to oversee the sample collection.

- April 20, 1990. SCS Engineers, pursuant to a proposal to Nesco dated April 11, 1990, again samples the stockpiled soil for the purpose of having additional chemical analyses performed.

FIELD METHODS

March 16 Sampling Event - Two samples of the backfill material were taken from the east end of the excavation during the tank pull. The soil samples were taken in clean brass sleeves; sealed with aluminum foil, plastic end caps and tape; labeled; and placed in a cooler with ice. The samples were shipped to a state-certified laboratory under chain-of-custody documentation. As water was observed in the bottom of the excavation, a sample of this water was also required. The sample was obtained using a clean plastic bailer. The water sample was sealed, labeled, and placed in a cooler for transport to the laboratory.

March 23 Sampling Event - Don McClenagan, of SCS Engineers, met with Dennis Byrne at the site to sample the stockpiled soil. The soil was arbitrarily divided, on paper, into six sections. The sampling methodology for each section was as follows: Four samples were taken from different areas in the section • The sample was obtained by scraping the top six to twelve inches from the surface and pulling several scoops of soil from beneath the surface • The four samples obtained from each section were mixed together in a plastic bucket, and a sample of the composited soil was taken in a clean brass sleeve following the protocol described in the above paragraph. In this manner, six composite samples were obtained from the stockpiled soil.

April 20 Sampling Event - Don McClenagan prepared a composite sample of the stockpiled soil using the following method: Soil samples were obtained from seven locations within the soil pile • The samples were taken by scraping the top six to twelve inches from the pile and pulling soil from beneath the surface • These seven grab samples were mixed in a clean plastic bucket • A composite sample was then taken using several clean brass tubes following the protocol described in the March 16 paragraph above. The sample was split and sent to two different labs.

CHEMICAL METHODS

March 16 Sampling Event - The two soil samples retrieved during the excavation of the underground tank were analyzed by EPA Method 8015 for diesel and Method 8020 for benzene, toluene, ethylbenzene, and xylenes (BTEX). The sample of the pit water was analyzed by EPA Method 8015 for diesel and Method 602 for BTEX. The results of these analyses are depicted in Table 1. Copies of the laboratory reports and chain of custody documents are included in the appendix.

March 23 Sampling Event - The six composite soil samples were analyzed by EPA Method 8015 for diesel. The results of the chemical analysis for this sampling event are shown in Table 2.

April 20 Sampling Event - The composite soil sample obtained during this sampling event was split and sent to two different labs for different analyses. One part of the sample was sent to Sequoia Analytical in Redwood City for analysis using Title 22 Hazardous Waste Bioassay, 96 hour LC 50. Four simultaneous replicates of the analysis were performed and designated by lab numbers 42962 A, B, C, and D. Copies of the laboratory reports are included in the appendix.

The other part of the sample was sent to SCS Laboratory in Long Beach and analyzed using EPA Method 418.1 for total petroleum hydrocarbons (TPH), EPA Method 8020 for BTEX, Method 376.2 for sulfides, and Method 1010 for flashpoint. The results of the analyses of the April 20 sample are shown in Table 3.

SUMMARY

- The soil samples taken during the tank pull showed a maximum diesel concentration of 5100 parts per million (ppm). No benzene was detected in the soil. Concentrations of the other members of the BTEX group ranged from 0.39 to 2.83 ppm. The water sample taken from bottom of the excavation had a diesel concentration of 1300 ppm. Benzene was detected in the water at a level of 3.18 ppm. Values for the concentration of the other members of the BTEX group in the water ranged from about 0.27 to 1.13 ppm.

- The excavated soil which is stockpiled on the site contains from 3900 to 13,000 ppm diesel and 5280 ppm TPH. The analysis for total petroleum hydrocarbons measures diesel and other petroleum hydrocarbons that may be present. No benzene was detected in the composite sample taken from the stockpiled soil. Analysis did detect 0.042 ppm ethylbenzene and 0.08 ppm xylenes in the excavated backfill material.

- Analysis of the stockpiled soil detected no sulfides. Further testing determined that the flashpoint of the soil is greater than 140 degrees Fahrenheit.

- The fish bioassay performed on the composite soil sample taken from the stockpiled soil determined, due to the fact that no fish died in water containing 1000 ppm of the contaminant found in the soil, that the LC 50 for the soil was greater than 1000 ppm. The test was performed simultaneously on four separate minnow populations.

CONCLUSIONS AND RECOMMENDATIONS

The soil still in the ground in the immediate vicinity of the volume formerly occupied by the removed tank is probably contaminated by diesel in concentrations exceeding 1000 ppm. The groundwater in the immediate vicinity of the former location of the pulled tank is also contaminated with diesel.

The stockpiled soil contains diesel in amounts greater than 1000 ppm. The 96 hour LC50 bioassay showed that the LC50 for the soil was greater than 1000 ppm. The flashpoint for the material was determined to be greater than 140 degrees Fahrenheit. As a result of the latter two analyses, the Alameda County Environmental Health Department will probably consider that the soil has been demonstrated to be non-hazardous. As the soil is non-hazardous, it may be transported and disposed as a non-hazardous material.

SCS recommends that two separate courses of action be implemented on the ANR Freight Lines site, as follows:

- Investigation should be made regarding the disposal of the stockpiled soil at a Class 2 or Class 3 landfill. This investigation will consist of submitting a waste profile sheet describing the characteristics of the soil and the subsequent cost charged by the landfill for it to accept the soil. A cost for loading and transporting the soil should also be confirmed. Provided that the cost figures for disposal of the soil in a landfill are acceptable to the client, then such disposal should be carried out.

- Three groundwater monitoring wells should be installed in the vicinity of the underground storage tank to help determine the extent of soil and groundwater contamination, to provide a means of monitoring the groundwater beneath the site, and to allow the determination of the direction of groundwater movement beneath the subject site. There will possibly be need for further soil borings or monitoring wells, depending upon the results of this subsurface investigation.

SCS has already begun investigation into the disposal of the stockpiled soil in response to the request of Marshall Ryan on April 30, 1990.

SCS will be pleased to provide a cost estimate for carrying out the installation and monitoring of the recommended monitoring wells or any other environmental work which may be required. If we may be of further service to you, please call at (415) 829-0661.

Sincerely,

Don McClenagan

J. Don McClenagan
Staff Geologist
SCS Engineers

John P. Cummings RS

John P. Cummings, Ph.D., R.E.A., R.E.P.
Office Director
SCS Engineers

JDM/JPC/egh
attachment

cc: Dennis Byrne, Alameda County Environmental Health

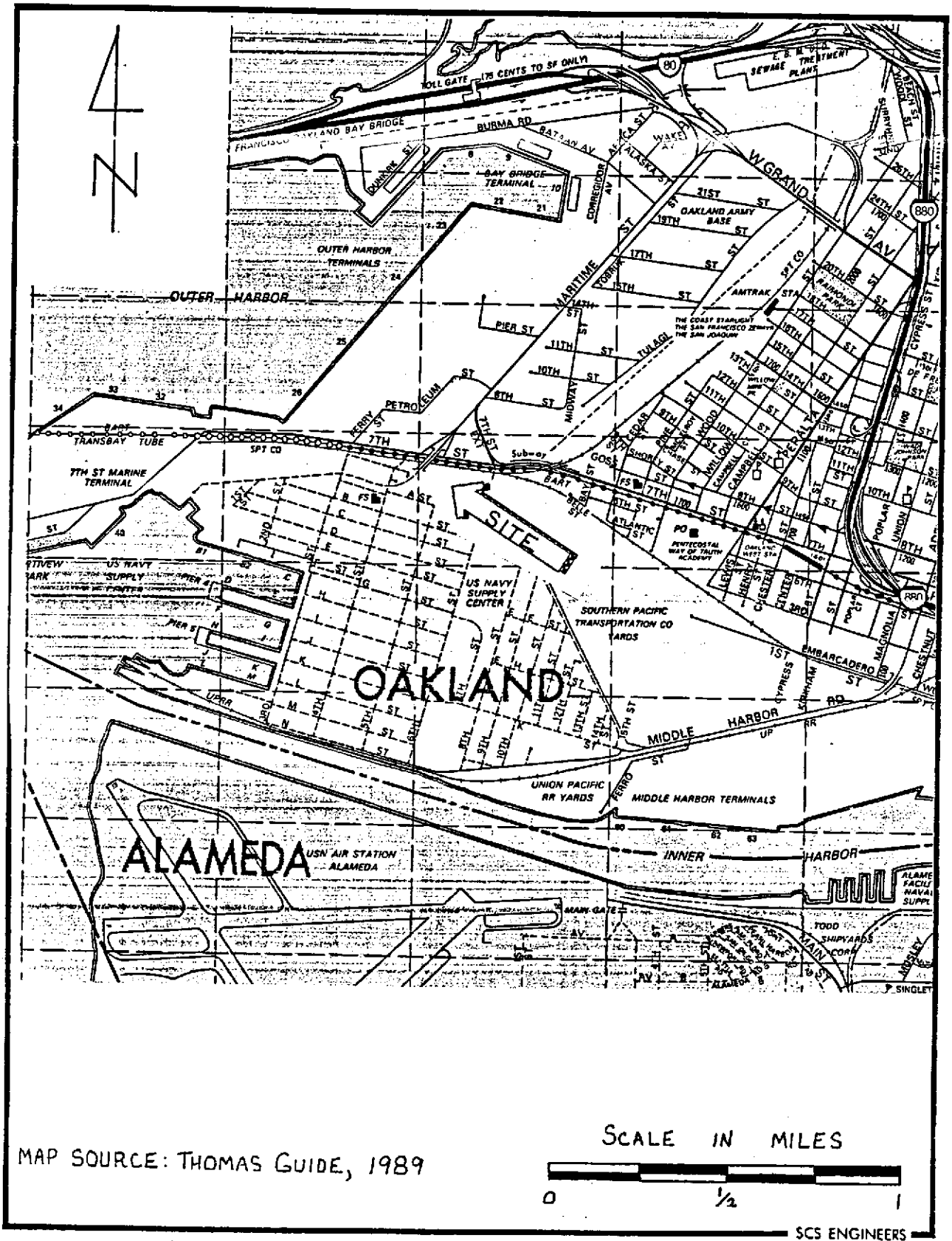

FIGURE 1 - Vicinity Map for ANR Freight

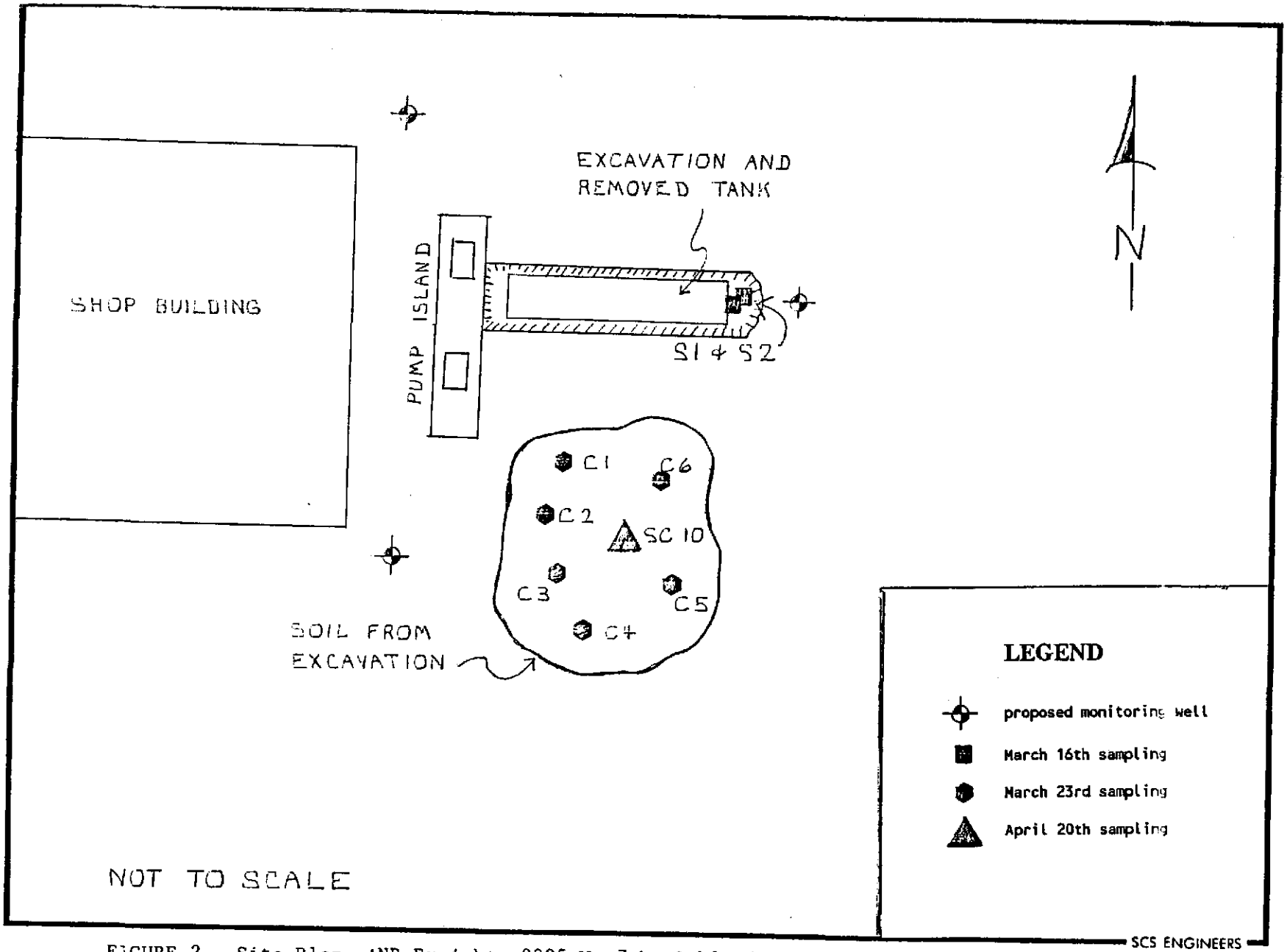

FIGURE 2 - Site Plan, ANR Freight, 2225 W. 7th, Oakland, California

TABLE 1 - March 16th Sampling

Sample I.D.	EPA Method	Compound	Amount Detected (in ppm)
S1 (soil)	8015	diesel	5,100
	8020	benzene	ND
		toluene	1.37
		ethylbenzene	1.22
		xylenes	2.83
	LUFT	organic lead	ND
S2 (soil)	8015	diesel	2,900
	8020	benzene	ND
		ethylbenzene	0.616
		toluene	0.392
		xylenes	1.83
	LUFT	organic lead	ND
W (water)	8015	diesel	1300
	602	benzene	3.18
		toluene	1.06
		ethylbenzene	0.269
		xylenes	1.13

ND = not detected

TABLE 2 - March 20th Sampling

Sample I.D.	EPA Method	Compound	Amount Detected (in ppm)
C1 (soil)	8015	diesel	9,200
C2 (soil)	"	"	13,000
C3 (soil)	"	"	9,000
C4 (soil)	"	"	8,100
C5 (soil)	"	"	2,400
C6 (soil)	"	"	3,900

TABLE 3 - April 20th Sampling

Sample I.D.	Method	Results
SC10 (soil)	Title 22, 96 hr LC 50 - fish bioassay	LC50: >1,000 ppm. Non-hazardous
"	EPA 418.1, TPH	5,280 ppm detected
"	376.2, sulfides	none detected
"	1010, flashpoint	>140° F.
"	EPA 8020, BTEX	benzene = none detected toluene = none detected ethylbenzene = 0.042 ppm xylenes = 0.080 ppm

ppm = parts per million

CHAIN OF CUSTODY RECORD

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SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
Fax (213) 595-6709

PERSONNEL

Name (signature) Don McClenagan
Name (print) Don McClenagan
Company ~~SCS~~ SCS Engineers
Address 6761 Sierra Court, Suite D
City, State, Zip Dublin, CA 94568
Telephone (415) 829-0661

SITE INFORMATION

Job Name
Job Number 03890XX
Sample Location ~~200~~ 7th st. Oakland
P.O. Number

Relinquished by (Signature)	Received by (Signature)	Date	Time
Don McClenagan 3-16			
Relinquished by (Signature)	Received by (Signature)	Date	Time

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. Upon Receipt
S1	soil	1	7th Oakland	3/16/90	~~8015~~ 8015 Diesel	
S2	soil	1		3/16/90	~~8015~~ 8015 Diesel	
W	water	3			8020	

24 hr Turnaround on Soil

Regular Turnaround on Water

Remarks: PLEASE return coolers and ice —

CHAIN OF CUSTODY RECORD

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SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324

PERSONNEL

Sampler (Signature) Don McClenagan
Phone 415-829-0661
Field Crew Supervisor Don Mc
Field Company
Project Geologist/Engineer John P. Cummings

SITE INFORMATION

Job Name Verl's / ANR - Oakland
Job Number 0389079.00
Sample Location 7th St. 6 Compos. Soils
P.O. Number

Relinquished by (Signature)		Received by (Signature)	Date	Time
Don McClenagan	3-23			
Relinquished by (Signature)		Received by (Signature)	Date	Time

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. Upon Receipt
C-1	Soil	1	7th St. - Oakland	3-23-90	8015-D	
C-2	↓	↓	↓	↓	↓	
C-3						
C-4						
C-5						
C-6						

NOTE!!! 3 (Three) Day Turn Around!!!

Remarks: Please either return ice chest, blue ice, COC copy A.S.A.P. or sell them all to help buy a dart board for use in spare time. Thank you.

CHAIN OF CUSTODY RECORD 393

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324

PERSONNEL

Sampler (Signature) Don McClenagan
Phone (415) 829-0661
Field Crew Supervisor Don McClenagan
Field Company
Project Geologist/Engineer John Cummings

SITE INFORMATION

Job Name NESCO
Job Number 0390011.00
Sample Location ~~Alt~~. EXCAVATED SOIL
ANR TRUCKING
Oakland
P.O. Number

Relinquished by (Signature)	Received by (Signature)	Date	Time
Don McClenagan 4-20-90	V.A. Herrera	4/20	11:25
Relinquished by (Signature)	Received by (Signature)	Date	Time

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. Upon Receipt
SC 10	Soil	3	ANR-Oakland	4-20-90	LC 50 Fish Bio Assay	

5 day Turnaround

Remarks: 5 Day Turnaround. Attention Maria Lee

CHAIN OF CUSTODY RECORD

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SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324

PERSONNEL

Sampler (Signature) Don McClenagan
Phone (415) 829 0661
Field Crew Supervisor Don McClenagan
Field Company
Project Geologist/Engineer John Cummings

SITE INFORMATION

Job Name Nesco
Job Number 039001.00
Sample Location Excavated Soil Pile
ANR Trucking
Oakland
P.O. Number

Relinquished by (Signature)	Received by (Signature)	Date	Time
Don McClenagan 4-20-90			
Relinquished by (Signature)	Received by (Signature)	Date	Time

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. Upon Receipt
SC10	Soil	2	ANR	4-20-90	TPH-418	
					8020	
					Sulfides	
					Ignitability	

Note: Please RUSH 3-Day !!!

Remarks: Please Return ice chest & ice, and the COC Copy
3 Day Rush !!!! Faster, faster...

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

MEMO

To: John Cummings

From: Curtis B. Jenkins

March 19, 1990

Job No.: 0389079

LABORATORY REPORT

Samples: Two (2) soil samples from Verl's - 7th Street, Oakland, CA received 3/17/90, analyzed 3/19/90. (SUPER RUSH)

Sample ID	EPA 8015-D ---mg/kg---
S1	5,100 (D)
S2	2,900 (D)
Detection Limit	10

EPA 8020 - see attached sheets.

David Mikesell
Chemist

Curtis B. Jenkins
Vice President, Analytical Srv.

verl8.rep

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

Sample I.D.: S1
Date Received: 3/16/90
Date Analyzed: 3/19/90
Matrix: Soil
Project #: 389079
File #: Ver18.rep

Compound	Result	D.L.
	-------ug/kg	(ppb)-------
Benzene	ND	500
Chlorobenzene	ND	500
Ethylbenzene	1,220	500
Toluene	1,370	500
Xylenes	2,830	500
1,2-Dichlorobenzene	ND	500
1,3-Dichlorobenzene	ND	500
1,4-Dichlorobenzene	ND	500

D.L. = Detection Limit
ND = Not Detected

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

Sample I.D.: S2
Date Received: 3/16/90
Date Analyzed: 3/19/90
Matrix: Soil
Project #: 389079
File #: Ver18.rep

Compound	Result	D.L.
	-------ug/kg (ppb)-------	
Benzene	ND	200
Chlorobenzene	ND	200
Ethylbenzene	616	200
Toluene	392	200
Xylenes	1,830	200
1,2-Dichlorobenzene	ND	200
1,3-Dichlorobenzene	ND	200
1,4-Dichlorobenzene	ND	200

D.L. = Detection Limit
ND = Not Detected

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

MEMO

To: John Cummings

From: Curtis B. Jenkins

March 30, 1990

Job No.: 0389079

LABORATORY REPORT

Samples: Three (3) water samples from Verl's 7th St. Oakland, CA received 3/16/90, analyzed 3/24/90.

Sample ID	EPA 8015-D ---mg/L---
W	1,300 (D)
Detection Limit	10

D - Diesel

Sample ID	Organic Lead (LUFT) ---mg/kg---
S1	ND
S2	ND
Detection Limit	.5

EPA 602 - see attached sheets

David Mikesell
Chemist

Curtis B. Jenkins
Vice President, Analytical Srv.

verl11.rep

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

Sample I.D.: W
Date Received: 3/16/90
Date Analyzed: 3/24/90
Matrix: Water
Project #: 389079
File #: verl11.rep

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	3,180	0.7
Chlorobenzene	ND	1
Ethylbenzene	269	1
Toluene	1,060	1
Xylenes	1,130	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1

D.L. = Detection Limit
ND = Not Detected

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

MEMO

To: Don McClenagan

From: Curtis B. Jenkins

March 29, 1990

Job No.: 0389079

LABORATORY REPORT

Samples: Six (6) soil samples from Verl's - 7th Street, Oakland, CA received 3/21/90, analyzed 3/26/90. (RUSH)

Sample ID	EPA 8015-D ---mg/kg---
C1	9,200 (D)
C2	13,000 (D)
C3	9,000 (D)
C4	8,100 (D)
C5	2,400 (D)
C6	3,900 (D)

Detection Limit 10

D - Diesel

David Mikesell
Chemist

Curtis B. Jenkins
Vice President, Analytical Srv.

verl9.rep

APR 0 0 1990

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

MEMO

TO: John Cummings

From: Curtis B. Jenkins

April 26, 1990

Job No.: 0390011

LABORATORY REPORT

Samples: One (1) soil sample from Nesco, ANR Trucking, Oakland, CA. received 4/23/90 analyzed 4/24/90. (RUSH ANALYSIS)

Sample ID	EPA 418.1	$S^{=}$ (376.2)	Flashpoint (1010)
	mg/kg	mg/kg	
SC 10	5,280	ND	>140° F
Detection Limit	10	.5	

EPA 8020 - see attached sheet

David Sincerbeaux
Chemist

Curtis B. Jenkins
Vice President
Analytical Services

nesco1.rep

SCS ANALYTICAL LABORATORY
2860 WALNUT AVENUE
LONG BEACH, CALIFORNIA 90806
(213) 595-9324
FAX (213) 595-6709

Sample I.D.: SC 10
Date Received: 4/23/90
Date Analyzed: 4/24/90
Matrix: Soil
Project #: 390011
File #: nesco1.rep

Compound	Result	D.L.
	-------ug/kg (ppb)-------	
Benzene	ND	30
Chlorobenzene	ND	30
Ethylbenzene	42	30
Toluene	ND	30
Xylenes	80	30
1,2-Dichlorobenzene	ND	30
1,3-Dichlorobenzene	ND	30
1,4-Dichlorobenzene	ND	30

D.L. = Detection Limit
ND = Not Detected

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

SCS Engineers	Client Project ID:	Sampled:	4/20/90
6761 Sierra Court, #D	Sample Descript: Soil	Received:	4/20/90
Dublin, CA 94568	Analysis Method: See below		
Attention: Don McClenagan	Lab Number: 42962 A	Reported:	4/25/90

STATIC ACUTE HAZARDOUS WASTE BIOASSAY

Static [X]
Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales Promelas
Common Name: Fathead Minnow
Mean length: 50 mm
Mean weight: 0.76 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 17 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Freshwater, Soft

	Alkalinity, mg/L	Hardness, mg/L
Control	70.2	183.6
1000 ppm	60.2	142.8
320 ppm		
100 ppm		

	Initial	24 Hr	48 Hr	72 Hr	96 Hr
DATE	4/20/90	4/21/90	4/22/90	4/23/90	4/24/90

	DO mg/L	C Temp	pH Units	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	Total Dead
Control	9.1	15	7.6	9.2	15	7.6	0	9.3	15	7.6	0	9.4	15	7.6	0	9.8	15	7.2	0	0
100 ppm	10.0	15	7.8	10.0	15	7.7	0	10.1	15	7.7	0	10.1	16	7.7	0	10.0	15	7.3	0	0
180 ppm	10.2	15	7.7	10.1	15	7.7	0	10.1	15	7.7	0	10.1	15	7.7	0	10.3	15	7.4	0	0
320 ppm	10.1	15	7.9	10.0	15	7.7	0	9.8	15	7.6	0	9.9	15	7.6	0	9.7	15	7.3	0	0
560 ppm	10.3	15	7.7	10.4	14	7.7	0	10.3	15	7.7	0	10.3	15	7.7	0	10.6	14	7.4	0	0
1000 ppm	10.3	14	7.7	10.4	14	7.7	0	10.3	14	7.7	0	10.3	14	7.7	0	10.1	14	7.3	0	0

LC-50: >1000 ppm

LC-50 Calculation Method: Non-linear interpolation

Remarks:

Analyst: M. Trujillo

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL.

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

SCS Engineers	Client Project ID:	Sampled:	4/20/90
6761 Sierra Court, #D	Sample Descript: Soil	Received:	4/20/90
Dublin, CA 94568	Analysis Method: See below		
Attention: Don McClenagan	Lab Number: 42962 B	Reported:	4/25/90

STATIC ACUTE HAZARDOUS WASTE BIOASSAY

Static [X]
Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales Promelas
Common Name: Fathead Minnow
Mean length: 50 mm
Mean weight: 0.76 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 17 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Freshwater, Soft

	Alkalinity, mg/L	Hardness, mg/L
Control	70.2	183.6
1000 ppm	60.2	142.8
320 ppm		
100 ppm		

	Initial	24 Hr	48 Hr	72 Hr	96 Hr
DATE	4/20/90	4/21/90	4/22/90	4/23/90	4/24/90

	DO mg/L	C Temp	pH Units	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	Total Dead
Control	9.1	15	7.6	9.2	15	7.6	0	9.3	15	7.6	0	9.4	15	7.6	0	9.8	15	7.2	0	0
100 ppm	10.1	15	7.8	10.0	15	7.6	0	10.1	16	7.6	0	10.1	16	7.6	0	9.7	15	7.2	0	0
180 ppm	10.2	15	7.8	10.1	15	7.7	0	10.1	15	7.7	0	10.1	15	7.7	0	10.4	14	7.3	0	0
320 ppm	10.1	15	7.9	10.3	15	7.7	0	10.1	16	7.6	0	10.1	16	7.6	0	10.0	15	7.3	0	0
560 ppm	10.2	15	7.8	9.3	15	7.5	0	9.4	16	7.4	0	9.4	16	7.5	0	9.9	15	7.1	0	0
1000 ppm	10.3	15	7.7	10.0	15	7.6	0	10.0	15	7.4	0	9.9	15	7.5	0	9.5	14	7.2	0	0

LC-50: >1000 ppm

LC-50 Calculation Method: Non-linear interpolation

Remarks:

Analyst: M. Trujillo

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL

SEQUOIA ANALYTICAL

Maria Lee
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

SCS Engineers	Client Project ID:	Sampled:	4/20/90
6761 Sierra Court, #D	Sample Descript: Soil	Received:	4/20/90
Dublin, CA 94568	Analysis Method: See below		
Attention: Don McClenagan	Lab Number: 42962 C	Reported:	4/25/90

STATIC ACUTE HAZARDOUS WASTE BIOASSAY

Static [X]
Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales Promelas
Common Name: Fathead Minnow
Mean length: 50 mm
Mean weight: 0.76 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 17 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Freshwater, Soft

	Alkalinity, mg/L	Hardness, mg/L
Control	70.2	183.2
1000 ppm	70.1	180.2
320 ppm		
100 ppm		

	Initial	24 Hr	48 Hr	72 Hr	96 Hr
DATE	4/20/90	4/21/90	4/22/90	4/23/90	4/24/90

	DO mg/L	C Temp	pH Units	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	Total Dead
Control	9.1	15	7.6	9.2	15	7.6	0	9.3	15	7.6	0	9.4	15	7.6	0	9.8	15	7.2	0	0
100 ppm	10.0	15	7.8	10.4	15	7.7	0	9.8	15	7.6	0	9.7	16	7.6	0	9.7	15	7.2	0	0
180 ppm	10.1	15	7.7	9.4	15	7.6	0	9.6	15	7.6	0	9.7	15	7.6	0	9.4	15	7.2	0	0
320 ppm	10.2	15	7.8	10.0	14	7.6	0	9.8	15	7.6	0	9.8	15	7.6	0	10.1	14	7.3	0	0
560 ppm	10.3	15	7.9	10.1	14	7.6	0	9.9	15	7.6	0	9.8	15	7.6	0	9.3	14	7.2	0	0
1000 ppm	10.2	15	7.7	10.4	15	7.7	0	8.7	15	7.4	0	8.8	15	7.4	0	8.7	15	7.1	0	0

LC-50: >1000 ppm

LC-50 Calculation Method: Non-linear interpolation

Remarks:

Analyst: M. Trujillo

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL

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STATIC ACUTE HAZARDOUS WASTE BIOASSAY

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Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales Promelas
Common Name: Fathead Minnow
Mean length: 50 mm
Mean weight: 0.76 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 17 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Freshwater, Soft

	Alkalinity, mg/L	Hardness, mg/L
Control	70.2	183.6
1000 ppm	60.2	142.8
320 ppm		
100 ppm		

	Initial	24 Hr	48 Hr	72 Hr	96 Hr
DATE	4/20/90	4/21/90	4/22/90	4/23/90	4/24/90

	DO	C	pH	DO	C	pH	# M	DO	C	pH	# M	DO	C	pH	# M	DO	C	pH	# M	Total
	mg/L	Temp	Units	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	Dead
Control	9.1	15	7.6	9.2	15	7.6	0	9.3	15	7.6	0	9.4	15	7.6	0	9.8	15	7.2	0	0
100 ppm	10.0	15	7.7	10.3	15	7.6	0	10.2	15	7.6	0	10.2	15	7.6	0	9.8	15	7.3	0	0
180 ppm	10.1	15	7.8	9.5	15	7.6	0	9.4	15	7.6	0	9.4	15	7.6	0	9.8	15	7.3	0	0
320 ppm	10.0	15	7.9	10.0	15	7.6	0	9.8	15	7.6	0	9.9	15	7.6	0	9.6	14	7.3	0	0
560 ppm	10.2	15	7.8	9.8	15	7.6	0	10.0	15	7.6	0	10.0	15	7.6	0	10.2	14	7.3	0	0
1000 ppm	10.3	16	7.7	10.2	16	7.6	0	10.1	15	7.6	0	10.0	15	7.6	0	7.9	15	7.1	0	0

LC-50: >1000 ppm

LC-50 Calculation Method: Non-linear interpolation

Remarks:

Analyst: M. Trujillo

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL.

SEQUOIA ANALYTICAL

Maria Lee
Project Manager

90 MAY 16 AM 11:37

Shirley
Please sign
& return

Cheryl

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'A': SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM

- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [X] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY SITE CLOSURE
- [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME: ANR FREIGHT SYSTEM INC	CARE OF ADDRESS INFORMATION:
ADDRESS: 2225 7th St.	NEAREST CROSS STREET: ☑ Box to indicate CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: OAKLAND	STATE: CA; ZIP CODE: 94607; SITE PHONE #, WITH AREA CODE: 415-658-6300
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER; ✓ Box if INDIAN RESERVATION or TRUST LANDS ☐	EPA ID #: CAD 981657414; # of TANK's AT THIS SITE: 8

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)	
DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
STEED, BERT	415-658-6300	YEUTTER, ELDON	303-320-3960
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
MOORE, DEBORAH	303-278-9900	YEUTTER, ELDON	303-431-5469

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: PORT OF OAKLAND	CARE OF ADDRESS INFORMATION:
MAILING or STREET ADDRESS: 66 JACK LONDON SQUARE	✓ Box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: OAKLAND	STATE: CA; ZIP CODE: 94604; PHONE #, WITH AREA CODE:

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: DONGARY INVESTMENTS LTD	CARE OF ADDRESS INFORMATION: D.W. RINGSBY, PRESIDENT
MAILING or STREET ADDRESS: PO Box 7240	✓ Box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: DENVER	STATE: Co; ZIP CODE: 80207; PHONE #, WITH AREA CODE: 303.320-3960

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I. [X] II. [X] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Deborah J. Moore	7/24/90

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED	DATE FILED
			YES ☐ NO ☐	

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

DATA PROCESSING COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'A':
SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM

- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [X] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY SITE CLOSURE
- [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME: ANR FREIGHT SYSTEM INC	CARE OF ADDRESS INFORMATION:
ADDRESS: 2225 7th St.	NEAREST CROSS STREET: ☑ Box to indicate CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: OAKLAND	STATE: CA ZIP CODE: 94607 SITE PHONE #, WITH AREA CODE: 415-658-6300
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER ☑ Box if INDIAN RESERVATION or TRUST LANDS ☐	EPA ID #: CAD 981657414 # of TANK's AT THIS SITE: 8

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)	
DAYS: NAME (LAST, FIRST): STEED, BERT	PHONE # WITH AREA CODE: 415-658-6300	DAYS: NAME (LAST, FIRST): YEUTTER, ELDON	PHONE # WITH AREA CODE: 303-320-3960
NIGHTS: NAME (LAST, FIRST): MOORE, DEBORAH	PHONE # WITH AREA CODE: 303-228-9900	NIGHTS: NAME (LAST, FIRST): YEUTTER, ELDON	PHONE # WITH AREA CODE: 303-431-5469

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: PORT OF OAKLAND	CARE OF ADDRESS INFORMATION:
MAILING or STREET ADDRESS: 66 JACK LONDON SQUARE	☑ Box to indicate CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: OAKLAND	STATE: CA ZIP CODE: 94607 PHONE #, WITH AREA CODE:

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MAILING or STREET ADDRESS: PO Box 7240	☑ Box to indicate CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: DENVER	STATE: CO ZIP CODE: 80207 PHONE #, WITH AREA CODE: 303-320-3960

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Deborah J. Moore	7/24/90

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES ☐ NO ☐	DATE FILED

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

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STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

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UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED SITE

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CITY NAME: DENVER	STATE: CO ZIP CODE: 80207 PHONE #, WITH AREA CODE: 303.320-3960

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

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APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Debra J. Moore	7/24/90

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED	DATE FILED
			YES ☐ NO ☐	

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

DATA PROCESSING COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM

- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [x] 4 AMENDED PERMIT
- [x] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: ANRFS OAKLAND **FARM TANK - YES** [ ] **NO** [✓]

NO 17231

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 1	B. MANUFACTURED BY: UNKNOWN
C. YEAR INSTALLED 1974	D. TANK CAPACITY IN GALLONS: 6000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [x] 4 OIL
- [ ] 5 HAZARDOUS
- [ ] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [ ] 1 PRODUCT
- [ ] 2 WASTE

C.
- [ ] 1 UNLEADED
- [ ] 2 LEADED
- [ ] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # ENGINE OIL - NEW C.A.S. #:

xIII. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [x] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [x] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [x] 6 UNLINED
- [ ] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [x] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [ ] 91 NONE
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

IV. PIPING INFORMATION — CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A (U) 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP
	A (U) 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER	

V. LEAK DETECTION SYSTEM — CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

P (S) 1 VISUAL CHECK	(P) S 2 INVENTORY RECONCILIATION	P S 3 VADOSE WELLS	P S 4 ELECTRONIC MONITOR	P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING	(P) S 7 PRESSURE TESTING	P S 91 NONE	P S 95 UNKNOWN	P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? [ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (3-7-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

DATA PROCESSING COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B':
TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM

- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [X] 4 AMENDED PERMIT
- [X] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: ANR Freight System Oakland **FARM TANK - YES** [ ] **NO** [X]

No 17232

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 7	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED 1974	D. TANK CAPACITY IN GALLONS: 8,000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [ ] 5 HAZARDOUS
- [X] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [ ] 1 PRODUCT
- [ ] 2 WASTE

C.
- [ ] 1 UNLEADED
- [ ] 2 LEADED
- [ ] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # Diesel C.A.S. #:

xIII. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [X] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [X] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [X] 6 UNLINED
- [ ] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [X] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [ ] 91 NONE
- [ ] 95 UNKNOWN
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IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A (U) 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP
	A (U) 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER	

V. LEAK DETECTION SYSTEM — CIRCLE **P** FOR PRIMARY, OR **S** FOR SECONDARY, **A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

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P S 6 PRECISION TESTING (P) S 7 PRESSURE TESTING P S 91 NONE P S 95 UNKNOWN P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? [ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

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DATA PROCESSING COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM

- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [X] 4 AMENDED PERMIT
- [X] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: AMR FS Oakland **FARM TANK - YES** [ ] **NO** [✓]

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 8	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED 1974	D. TANK CAPACITY IN GALLONS: ~~2000~~ 2000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [X] 4 OIL
- [ ] 5 HAZARDOUS
- [ ] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [ ] 1 PRODUCT
- [ ] 2 WASTE

C.
- [ ] 1 UNLEADED
- [ ] 2 LEADED
- [ ] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # Used Oil C.A.S. #:

xIII. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [X] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [✓] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
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- [ ] 8 100% METHANOL COMPATIBLE FRP
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- [ ] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [X] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
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- [ ] 91 NONE
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IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A (U) 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
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VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? [ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

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PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

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- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: AHR ES Oakland **FARM TANK - YES** [ ] **NO** [✓]

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 8	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED 1974	D. TANK CAPACITY IN GALLONS: 8,000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
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APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

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