93 2-45

TANK REMOVAL ACTIVITY REPORT

JOB LOCATION:

CLEMENTINA,LTD PROPERTY 5521 DOYLE STREET EMERYVILLE, CALIFORNIA

PREPARED BY:

S E M C O 1741 LESLIE STREET SAN MATEO, CA 94402 (415) 572-8033

S E M C O ENVIRONMENTAL CONTRACTORS & GENERAL ENGINEERING LICENSE # 449864 A, B, C-61/D-40 1741 LESLIE STREET SAN MATEO, CALIFORNIA 94402 (415) 572-8033

SEMCO will document the removal and excavation of the tanks from the site. SEMCO will provide sampling locations, site logs where applicable and deliver detailed analytical reports with chain of custody procedures. Finally, SEMCO will supply manifests for the disposal of the tanks as well as appropriate gas free certificate/documentation for final destination of the tanks.

This property is located at 5521 Doyle Street, Emeryville.

REMOVAL AND DISPOSAL OF FUEL STORAGE TANKS

Two underground fuel storage tanks were excavated and removed from the site on December 10, 1992. Tank abandonment was performed by James C. Bateman Petroleum Services, Inc. "dba" SEMCO Environmental Contractors, License # 449864, Classification A, B, C-61/D-40, Hazardous Substance Certification.

The tanks were as follows: 6000 gallon fiberglass gas tank 6000 gallon fiberglass diesel tank

It was determined that the tanks were dry before removal procedures began. The tanks were inerted by washing them with a hot water detergent wash, followed by placing solid carbon dioxide (dry ice) in the tanks to eliminate any explosive vapors that may have existed.

The tanks were transported off site by Rich Hamilton Trucking, and delivered to Erickson, Inc. in Richmond for disposal. The tanks were transported on Manifest # 92805942.

After the tanks were removed, Sample #1 was obtained from the Southwest end of the diesel tank at 13', Sample #2 was obtained from the Southeast end of the diesel tank at 13', Sample #3 was obtained from the Northwest end of the gas tank at 13', and Sample #4 was obtained from the Northeast end of the gas tank at 13'. Samples were taken to Superior Analytical on a chain of custody and analyzed for TPH as Gas and Diesel and BTXE.

Water samples, Superior Analytical Laboratory Report No. 87465, are as follows: Sample #1-H20-PIT was taken from the Pit, Sample #2-H20-10K was taken from the 10,000 gallon holding tank and Sample #2-H20-8K was taken from the 8,000 gallon holding tank.

SEMCO is pleased to present this tank removal activity report to you for your files. We would, of course, be happy to answer any questions you may have.

APPENDIX

- 1) ANALYTICAL RESULTS
 CHAIN OF CUSTODY
 SAMPLING LOCATION MAP
- 2) PERMITS
- 3) MANIFESTS
- 4) INSPECTORS SITE LOG (IF APPLICABLE)
- 5) DAILY SAFETY BRIEFING REPORT SIGNATURE PAGE FROM SITE SAFETY PLAN



Superior Precision Analytical, Inc.

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

O F ANALYSIS CERTIFICATE

LABORATORY NO.: 55881

DATE RECEIVED: 12/10/92

CLIENT: SEMCO

DATE REPORTED: 12/17/92

CLIENT JOB NO.: CLEMENTINA

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

Sample Identification	Concentration (mg/kg) Diesel Range
#1-D-SW-13'	ND<10
#2-D-SE-13'	ND<10
#3-G-NW-13'	ND<10
#4-G-NE-13'	ND<10
	#1-D-SW-13' #2-D-SE-13' #3-G-NW-13'

mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15% MS/MSD Average Recovery = 70%: Duplicate RPD = 1%

Richard Srna, Ph.D.

Laboratory Director

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

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 55881

DATE RECEIVED: 12/10/92 DATE REPORTED: 12/17/92

CLIENT: SEMCO

CLIENT JOB NO.: CLEMENTINA

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/kg) Gasoline Range
1	#1-D-SW-13 '	ND<1
2	#2-D-SE-13 '	ND<1
3	#3-G-NW-13 '	ND<1
4	#4-G-NE-13	ND<1

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/kg

QAQC Summary:

Daily Standard run at 2mg/L: %Diff Gasoline = <15 MS/MSD Recovery = 96%: Duplicate RPD = 9%

Richard Srna, Ph.D.

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

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 55881

DATE RECEIVED: 12/10/92

CLIENT: SEMCO

CLIENT JOB NO.: CLEMENTINA

DATE REPORTED: 12/17/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES by EPA SW-846 Methods 5030 and 8020

LAB			Concentr	Ethyl			
#	Sample Identification	Benzene	Toluene	Benzene	Xylenes		
1	#1-D-SW-13'	ND<.003	ND<.003	ND<.003	ND<.003		
2	#2-D-SE-13'	ND<.003	ND<.003	ND<.003	ND<.003		
3	#3-G-NW-13	ND<.003	ND<.003	ND<.003	ND<.003		
4	#4-G-NE-13'	ND<.003	ND<.003	ND<.003	ND<.003		

mg/kg - parts per million (ppm)

Method Detection Limit in Soil: 0.003 mg/kg

QAQC Summary:

Daily Standard run at 20ug/L: %Diff 8020 = <15% MS/MSD Average Recovery = 90%: Duplicate RPD = 3%

Richard Srna, Ph.D.

Laboratory Manager



P.O. Box 1545 • Martinez, California 94553 • (510) 229-1590 / fax (510) 229-0916

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87454

CLIENT: SEMCO

CLIENT JOB NO.: CLEMENITTNA

DATE RECEIVED: 12/16/92
DATE REPORTED: 12/17/92

DATE SAMPLED : 12/15/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB		Concentrati	on (mg/kg)
#	Sample Identification	Gasoline Range	Diesel Range
~~~			
1	#4-6K'S-COMP	ND<10	ND<10

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 10 mg/kg Method Detection Limit for Diesel in Soil: 10 mg/kg

# QAQC Summary:

Daily Standard run at 200mg/L: RPD Gasoline = 7%
RPD Diesel = 5%

MS/MSD Average Recovery = 112%: Duplicate RPD = 13%

Richard Srna, Ph.D.

Laboratory Directo

P.O. Box 1545 Martinez, California 94553 (510) 229-1590 / fax (510) 229-0916

## CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87454

CLIENT: SEMCO

CLIENT JOB NO.: CLEMENITTNA

DATE RECEIVED:12/16/92 DATE REPORTED:12/17/92

DATE SAMPLED : 12/15/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES by EPA SW-846 METHODS 5030 and 8020

> Concentration (mg/kg) Ethyl Xylenes

LAB # Sample Identification Benzene Toluene Benzene ND<0.003 0.005 ND<0.003 0.007 #4-6K'S-COMP 1

mg/kg - parts per million (ppm)

Method Detection Limit in Soil:0.003 mg/kg

## QAQC Summary:

Daily Standard run at 20  $\mu$ g/L: RPD = <15% MS/MSD Average Recovery = 96%: Duplicate RPD = <8%

Richard Srna, Ph.D.

Laboratory Directo



P.O. Box 1545 • Martinez, California 94553 • (510) 229-1590 / fax (510) 229-0916

# CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87398

CLIENT: SEMCO

CLIENT JOB NO.: CLEMENTINA

DATE RECEIVED:12/10/92

DATE REPORTED:12/17/92

DATE SAMPLED:12/10/92

ANALYSIS FOR TOTAL LEAD by SW-846 Method 6010

LAB		Concentration(mg/kg)
#	Sample Identification	Total Lead
1.	#1-D-SW-13'	7
2	#2-D-SE-13'	5
3	#3-G-NW-13'	ND<5
4	#4-G-NE-13'	5

mg/kg - parts per million (ppm)

Method Detection Limit for Lead in Soil: 5 mg/kg

QAQC Summary: MS/MSD Average Recovery: 84%

Duplicate RPD: 1%

Richard Srna, Ph.D.

Idomina V Janquilia (for)

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

# CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87465

DATE RECEIVED: 12/16/92

CLIENT: SEMCO

DATE REPORTED: 12/23/92

CLIENT JOB NO.: CLEMENTINA

DATE SAMPLED: 12/15/92

# ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (ug/L) Diesel Range
1	#1-H2O-PIT	1200
2	#2-H2O-10K	720*
3	#2-H2O-8K	190*

ug/L - parts per billion (ppb)

Method Detection Limit for Diesel in Water: 50 ug/L

# QAQC Summary:

Daily Standard run at 200mg/L: RPD Gasoline = NA RPD Diesel = 10 % MS/MSD Average Recovery = 118 %: Duplicate RPD = 9 %

Richard Stha, Ph.D.

^{*} Diesel range concentration reported. The pattern of chromatogram shows hydrocarbons lighter than diesel.

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

#### CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87465

DATE RECEIVED: 12/16/92

CLIENT: SEMCO

DATE REPORTED: 12/23/92

CLIENT JOB NO.: CLEMENTINA

DATE SAMPLED : 12/15/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by MODIFIED EPA SW-846 METHOD 5030 and 8015

LAB		Concentration (ug/L)
#	Sample Identification	Gasoline Range
1	#1-H2O-PIT	ND<50
2	#2-H2O-10K	/ 220 /
3	#2-H2O-8K	120

ug/L - parts per billion (ppb)

Method Detection Limit for Gasoline in Water: 50 ug/L

# QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15 MS/MSD Average Recovery = 102 %: Duplicate RPD = 6 %

Righard Sma, Ph.D.

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

#### CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87465

DATE RECEIVED: 12/16/92

CLIENT: SEMCO

DATE REPORTED: 12/23/92

CLIENT JOB NO.: CLEMENTINA

DATE SAMPLED: 12/15/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES by EPA SW-846 Methods 5030 and 8020

LAB			Concentration(ug/L) Ethyl				
#	Sample Identification	Benzene	Toluene	Benzene	Xylenes		
1	.#1-H2O-PIT	ND<0.3	ND<0.3	ND<0.3	ND<0.3		
2	#2-H2O-10K	0.5	1.2	1.0	22		
3	#2-H2O-8K	1.1	0.3	ND<0.3	18		

ug/L - parts per billion (ppb)

Method Detection Limit in Water: 0.3 ug/L

# QAQC Summary:

Daily Standard run at 20 ug/L: RPD = <15% MS/MSD Average Recovery = 96 %: Duplicate RPD = < 3 %

( , / ) 4 CHAIN OF CUSTODY AND ANALYSIS REQUEST LAB NO. -Section 1 SEMCO TURN AROUND TIME SUPERIOR ANALYTICAL, INC. Consultant Name (Circle One) 1741 Lesie Rd. San Mateo, CA 94402 Office Location Same Day Martinez San Francisco (415) 572-9734 72 Hrs Fax No. Project Manager Tony Howilfun 24 Hrs 415/229-1512 415/647-2081 .5 Day 48 Hrs (415) 672 8033 Phone Sampler M. TANKOW Send Coolers to: Modesto - San Mateo -Regulatory Agency ALAMEDH EWV. Health Project No. / P.O. No. CLAMETINA Sample Information Analysis Request Section III Section II Sampling Remarks Subject **Subsontracting** Containers **Bioremediation** W-Water 8=8oll Quantity Sample Others Time 04G 8010 8240 Contamination Identification Matrix 12/18/12 415 Composite in Lat 5 1#4-6K5-Comp 2 Lua Jidu∀ 10 रक्षित्र केन्न्नार्व 11 12 Received by HERO Relinquished by 1/4/1/4/ Pieces Initial_ Date/Time Semples Stored in los Organization Organization Appropriate Containers Date/Time Received by Relinquished by_ Samples Preserved Organization

Received by

Organization

SPA, MTZ

Date/Time

Organization

Organization

Relinguished by_

VOA's without Headspace

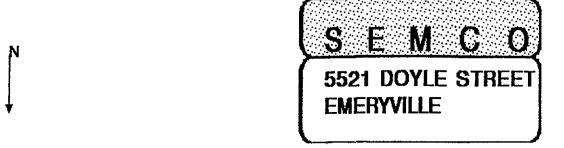
Comments

CHAIN OF CUSTODY AND ANALYSIS REQUEST LA NO. 5588! Section 1 SEMCO TURN AROUND TIME Consultant Name .... SUPERIOR ANALYTICAL, INC. 1741 Lecie Rd. San Matsc, CA 94402 (Circle One) Office Location Same Day Martinez San Francisco (415) 572-9734 72 Hrs Fax No. ___ Project Manager TRERY HAWILTON 24 Hrs 5 Day 415/229-1512 415/647-2081 48 Hrs (415) 572 8043 Phone -SEMCO W. Thursker Send Coolers to : Modesto San Mateo X Sampler _____ Regulatory Agency Alameda County Braww Project No. / P.O. No. __Clementina Analysis Request Sample Information Section II Section # 2 Sampling Remarks thers * Subject Subcontracting Containers Bioremediation W-Water LOW 8=8oll Quantity Sample Date Others Metals BTXE 8240 Contamination Identification Matrix 12/10/47 250 1141-D-SW-131 251 2#2-D-SE-13' 301 3#3-G-NW-13 1216 4-G-NE-13 3 10 11 12 TTVPlease Initial ... Relinquished by Date/Time Received by___ 12-10-92 /644 Samples Stored in los __ Organization Organization Appropriate Containers Date/Time Received by Relinquished by .... Semples Preserved -Organization VOA's without Headspace **Organization** Commersia Vittos Ma ILIUI Date/Time Received by_ Relinquished by ____ Organization 12-10-92 Organization

Section 1	СН	All	N	OF	(	<b></b>	ST(	OD	Y	Αt	ND	A	NA	LY	SIS	R	EQUE	ST LAB NO.
Consultant Name Office Location Fax No. (415) Project Manager Phone (418)	1741 ) 572-97   TEICR C( 5) 572 80	34 	tan 1	にた	Ü						Sai 2	me i 4 H 8 H	ircle Day 18	.5	2 Hr	<b>8</b>	M 415/:	RIOR ANALYTICAL, INC lartinez San Francisco 229-1512 415/647-2081
Send Coolers to	• : <b>M</b> o	des	to [	; ;	San	Ma	ate	<b>区</b>	3			Sau	mple	r <u>M</u>	• -	AMBRI V	tinger	14 tenv. Herith-
Project No. / P.O.		ACM!	として	714							<del></del>	Res		tory				
Section I		ı	۵	T	1 1		\nal	ysis 	Req	360	t		///	<b>4</b> //	1-	Section	n <b>S</b> SI	Sample Information Sampling Remarks
	A=Air	Q #	Level						Subject to	raoting						Cont	tainers	Bioremediation
Sample Identification	Watar W=Water	TPH - G	TPH - Low	TPH - Q	BTXE	040	0100	8240	*	Subcontracting				Date	Time	Quantity	Pres.	Contamination
1#1-HZU-PIT	W	X	-		X	1	1		-	1			<u> </u>	17/2/1	331	4		
242-420 - 10K	W	X			X										104	4		
3#3-H20-8K	W	X			K									V	410	4		
4																		
5				<u> </u>												<u></u>		
6			<u> </u>									$\bot$					<u>.</u>	
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Relinquished by Organization Relinquished by	May 14 Serge C	>			14/1	/Tim	2	17	to_	0	ceive rgan	izatio	2n_/	416X 127+1	O, I	50		Please Initial
Organization			_			16/9		81	8am	0	rgan		. —					Samples Preserved
Relinquished by			Date	/Tim	Time R				Received by							Comments		

# **BUILDING & WAREHOUSE** #2-D-SE-13' _#1-D-SW-13 6000 DIESEL DOYLE STREET #4-G-NE-13" #3-G-NW-13 6000 GAS

# STANFORD STREET



Project Specialist (print) BRIAM POUND

APPROVED FOR CONSTRUCTION

OF DEPARTMENT

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION 80 SWAN WAY, ROOM 200 OAKLAND, CA 94621 PHONE NO. 415/271-4320

CA 94621 415/271-4320 OAKLAND, PHONE NO. Any chango of Placetons of these plans and specifications must be submitted to vits Dope them and to the Fire and Building theoretion. Does make to distration if such fre shall of toplage the bre steld buildence allow sortald local hat the laws. Clingue to your plans indicated by the One ecpail of those champhal plans must be on the job and aveilable to ait contractors and craffeman involved with Notely this Day, classif et least 48 hours prior to the esuanco of a permit to characturis deportant on emma laws. The project proposed scroim is not some ad for irea-Department are to evavor complence with Stain and loc chendes most the requirement of State and Josef Isva. ence of any required building permits for construction. Perioval of Tank and Piping -Final Inspection Simpling. following required inspections: the removal.

Sets robety plan must adhered requirements of 29 CFR (910-120

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

able and essentially meet his equicoments of Stato and

plans have born roving and found to be accent

O403 (A) CA 7513 Tale, No Yet (416) 876-037

DEPARTMENT OF EVEN OF WAL HEALTH

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479-274 Crest 2754 Clar

1.	Business Name	Clementina Ltd.				
	Business Owner _	Clementina Ltd.		•	,.	
2.	Site Address	5521 Doyle Stre	et		·. · · · · · · · · · · · · · · · · · ·	
	City Emeryville			94608	_ Phone	(415)282-7725
3.	Mailing Address	2177 Jerrold Av	enue			
	city San Franc			94124	Phone	(415)282-7725
4.	Land Owner _ Cler	nentina LTD				-
	Address 2177 J		City, S	State	S.F. CA	Zip
5.	Generator name u	nder which tank	will be	e manife	sted Cle	mentina LTD
	EPA I.D. No. und	er which tank w	vill be 1	manifest	ed <u>CACO</u>	00828936

6. C	Contractor SEMCO
	Address 1741 Leslie Street
	City San Mateo, CA 94402 Phone (415) 572-8033
	License Type A.B. & C-61 ID# 449864
7. (	Consultant N/A
	Address
	City Phone
8.	Contact Person for Investigation
	Name Chuck Kiper Title Vice-President
	Phone (415) 572-8033
9.	Number of tanks being closed under this plan
	Length of piping being removed under this plan <u>undetermined</u>
ı	Total number of tanks at facility
	State Registered Hazardous Waste Transporters/Facilities (see instructions).
	** Underground tanks are hazardous waste and must be handled ** as hazardous waste
	a) Product/Residual Sludge/Rinsate Transporter
	Name Allied Petroleum EPA I.D. No.CAD 980675128
	Hauler License No. 1168 License Exp. Date 4/30/93
	Address P.O. Box 193
	city Hilmar State CA Zip 95327
	b) Product/Residual Sludge/Rinsate Disposal Site
	Name Refineries Services EPA I.D. No.CAD083166728
	Address 13331 West Highway 33
	City Patterson State CA Zip 95363

c	e) Tank and Piping Transporter
	Name RHT Trucking EPA I.D. No. CAD982471591
	Hauler License No. 2753 License Exp. Date 4/30/93
	Address 1336 Pauline
	City Modesto State CA Zip 95351
	d) Tank and Piping Disposal Site
	Name Erickson EPA I.D. No. CAD009466392
	Address 255 Parr Blvd.
	City Richmond State CA Zip 94801
11. I	Experienced Sample Collector
	Name Chuck Kiper
	Company SEMCO
	Address 1741 Leslie Street
	City San Mateo State CA Zip 94402 Phone (415)572-8033
12.	Laboratory
	Name Superior Analytical
	Address 1555 Burke Unit I
	City San Francisco State CA Zip 94124
	State Certification No. 1332 & 319
13.	Have tanks or pipes leaked in the past? Yes $[]$ No $[X]$
	If yes, describe.

14	Describe	methods	to	be	used	for	rendering	tank	inert	
----	----------	---------	----	----	------	-----	-----------	------	-------	--

High press	sure hot wate	er detergent was	sh.	
20 lbs. pe	er 1000 gallo	ons dry ice.		

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

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

φ,

# 15. Tank History and Sampling Information

Tar	nk	Material to	Location and	
Capacity	Use History (see instructions)	be sampled (tank contents, soil, ground- water, etc.)	Depth of Samples	
6000 gallon	gas	soil/water	2 ft. below in native soil	
6000 gallon	diesel	soil/water	2 ft. below in native soil	

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

Excavated/Stockpiled Soil			
Stockpiled Soil Volume (Estimated) Anywhere from approx. 25 to 100 cy	Sampling Plan Soil samples taken from the tank excavation will be collected, placed in brass tubes, sealed with foil, Teflon caps, sealed with approved tape, placed on ice, transported to state certified lab under chain of custody and analyzed for constituents of tank.		

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Unleaded Gas	TPH G GCFID(S BTX&E 8020 O TPH AND BTX&E 83	r 8240 BTX&E 260	GCFID(5030) 602, 624 or 8260
Diesel, Jet Fo Kerosene	uel TPH D GCFID( BTX&E 8020 o TPH AND BTX&E 8	r 8240 BTX&E	GCFID(3510) 602, 624 or 8260
			*
			4. * V

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

18.	Submit	Worker's	Compensation	Certificate	copy
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Name of Insurer Fairmont Insurance Company

- 19. Submit Plot Plan (see Instructions)
- 20, Enclose Deposit (See Instructions)
- 21. Report any leaks or contemination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Teak/Contamination Site Report form. (see Instructions)
- 22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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

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

I understand that any changes in design, materials or equipment will void this plan it 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 Hamardous Materials Specialist at loast three working days in advance of site work to schedule the required inspections.

Signature of Contractor

	Name (branch ribe)	0-10-01 N 2-11-0-1	 
	Signature	Chull Kupe	
	Date 11-6-92	<del></del>	
s	ignature of Site Owner of	or 'Operator	
,	Name (please type)	Clemco Properties	 
,	and the second	11/ December	•

Date November 6, 1992

EMERY STAR DEPARTMENT FIRE PREVENTION BUREAU 6303 HOLLIS STREET EMERYVILLE, CA 94608 655-7678

# CITY OF EMERYVILLE

FIRE CODE PERMIT

Nº 1270 ·

D_SEMCO	•
2 UG tanks	
21 Doyle Street (Cleminti	na_)
PECIFIED IN SECTION 4.108  requires 48-hr notice prequire additional permit	_OF SAID CODE.
EXPIRATION DATE: 1/31/9	
FIRE MARSHAL	12/1/92 DATE
	2 UG tanks  21 Doyle Street (Cleminti  DNDITION OF THIS PERMIT WHICH IS ISSUED  PECIFIED IN SECTION 4.108  requires 48-hr notice pr require additional permi  EXPIRATION DATE: 1/31/9  PERMIT APPROVED BY

grove



# BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET SAN FRANCISCO, CALIFORNIA 94109 (416) 771-6000 REGULATION 8, RULE 40 Aeration of Contaminanted Soil and Removal of Underground Storage Tanks

ABH ICA	ar or or geratoring 2001 sig	B 15
	NOTIFICATION FORM	

Ø	Removal o	r Replacement of	Tanks,
	Excavation	of Contaminated	Soil

Angles of the Control	☐ Excavation of Contaminated Soil
\$ -	ITE INFORMATION DEC - 4 1992
SITE ADDRESS 5521 Days	le street
Gamaria	Calif. 94608
Man at time	
OWNER NAME CONTRACT MINDE	prethorn section of proporty
SPECIFIC LOCATION OF PROJECT Y/ Idd Ce	CONTAMINATED SOIL EXCAVATION
SCHEDULED STARTUP DATE 12/10/92	SCHEOULED STARTUP DAYE
	SYOCKPILES WILL BE COVERED? YES NO
High pressure not	S.h. ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
[x] VAPOR FREEING (CO ² ) 20 lbs per 1	000 gallons
[x] VENTILATION purge with air	(MAY REQUIRE PERMIT)
CONT	FRACTOR INFORMATION
NAME SEMCO	CONTACT CHUCK OR REONDA KIPER
ADDRESS 1741 LESLLIE STREET	PHONE (415 572-8033
CITY, STATE, ZIP SAN MATEO, CALIFORNI	A 94402
	ALL WATER BURGON CATALL
CON	SULTANT INFORMATION (IF APPLICABLE)
NAME	CONTACT
ADDRESS	PKOKE ( )
CITY, STATE, ZIP	
FOR OFFICE USE ONLY	
DATE RECEIVED 12/2/92	ov fly
CC: INSPECTOR NO. 524	DATE 12/2/92 (MIT.)
) 0 7	(INIT.)
TELEPHONE UPDATE: CALLER	CHANGE MADE

white -env.health yellow -facility pink -files

Signature:

MICHAEL I TAMBETY

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

**Hazardous Materials Inspection Form** 

Page 1

3004		······································	Site # 686 Name Communica Ltd Today's 10,92
II.A	BUSINESS PLANS (Title 19)	2703	CKN DOID ST
	2. Bus. Plan Sids. 3. RR Cars > 30 days 4. Inventory Information	25503(b) 25503.7 25504(o)	6. 00
	5. Inventory Complete 6. Emergency Response 7. Training	2730 25504(b) 25504(c)	City MXX AMT stored > 500 lbs, 55 gal., 200 cft.?
	5. Deficiency 9. Modification	25505(a) 25505(b)	Inspection Categories:
II.B	ACUTELY HAZ. MATLS		I. Haz. Mat/Waste GENERATOR/TRANSPORTER II., Business Plans, Acute Hazardous Materials
	10. Registration Form Flied 11. Form Complete 12. RMPP Contents 13. Implement Sch. Reg'd? (Y/N)		
	14. OffSite Conseq. Assess. 15. Probable Risk Assessment 16. Persons Responsible	25524(c) 25534(d) 25534(g)	Callf. Administration Code (CAC) or the Health & Safety Code (HS&C)
	17. Certification 18. Exemption Request? (V/N) 19. Trade Secret Requested?	25534(f) 25536(b) 25538	comments: weather Removal of 2 USTS
<b>III.</b>	UNDERGROUND TANKS (Title	23)	(6 m) mi Gradine   dural-tiberaloss
ē	1. Permit Application 2. Pipeline Leak Detection	25284 (Has)	unon arrival I desorved water in pet with a
Genera	3. Records Maintenance 4. Release Report 5. Closure Plans	25292 (HAS) 2712 2651	Peart sheen observed. I furthe plesoned
	6. Method	2670	Fruit the old plan she submatted was
	Monthly Test     Doily Vadose     Semi-annual gnowater		maccurate: (Soveral photographotohen of
	One time sols 3) Daily Vadose One time sols	den sile ufast	Crep & Down associated prime at
ig Sk	Annual tank test  4) Monthly Gnawater One time sols		500 and the Ola Clark a Shapen the Color and
Existing	5) Daily Inventory Annual tank testing Cont pipe leak det		manufest as harridous Waster -
ig for	Vadose/andwaterman 6) Daily Inventory		Led bluncon but N USTS "6" a diagel 300 20
Monitoring for	Annual tank testing Controloe leak det 7) Weekly Tank Gouge	28059	or Still 1990 - water added to USTS
2€ -′	<ol> <li>Annual Tank Teiting Daily Inventory</li> </ol>		2300 Xel 3-3 boot 45/5
	9) Other	- 2643	6) Desel O+ dropping
	Date:	2644	O'z Goo tenh 3+ diogging
	10, Ground Water.	2646 2647	
New Tanks	12.Access. Secure 13.Plans Submit	2632 2634 2711	into dead care appear to partin toe
3	Date: 14, As 8ust Date:	2635	(Stool) - My man Do Orderal to the Hank & Dolly
Rev	6/88		
		~~~ <i>T</i>	0/1/-
	Contact: _	NIVA	2 00
	Title:	× Muj.	Cholsium Inspector: Dun III

Signature:

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

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

Pogl 20/2 11.111

		•	<i>(</i>
***		<u> </u>	Site Site Name Comentina LAd Today's, 10,92
II.A	BUSINESS PLANS (Title 19)	2703	Site Address 5521 Dayle
	2. Bus. Plan Stds. 3. RR Can > 30 days 4. Inventory Information 5. Inventory Complete	25503(b) 25503.7 25504(d) 2730	City Emprevalle zip 94 60% Phone
	6. Emergency Response 7. Training 8. Deficiency	25504(b) 25504(c) 25505(a)	MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
	9, Modification	25505(b)	inspection Categories:I, Haz. Mat/Waste GENERATOR/TRANSPORTER
II.B	ACUTELY HAZ. MATLS	25533(o)	II. Business Plans. Acute Hazardous Materials
	11. Form Complete 12. RMPP Contents 13. Implement Sch. Regid? (Y/N	25533(b) 25534(c)	III. Underground Tanks UST Removal
	14. Offsite Conseq. Assess. 15. Probable Risk Assessment 16. Persons Responsible	25524(c) 25534(d) 25534(g) 25534(j)	* Callf. Administration Code (CAC) or the Health & Safety Code (HS&C)
	17. Certification 18. Exemption Request? (Y/N) 19. Trade Secret Requested?	25536(b) 25538	the oppoline tend has no A Balakas
III.	UNDERGROUND TANKS (Title	23)	appoint holes. The awares (3) Tus
General	1. Permit Application 2. Pipeline Leak Detection 3. Records Maintenance	25284 (H&S) 25292 (H&S) 2712	of prince to small with
<u></u>	4. Release Report 5. Closure Plans	2651 2670	Pedre To de have 91/CO Bulden
	6. Method 1) Monthly Test 2) Daily Vadose Semi-annual andwater		has on set for Samplus desel
	One time sols 3) Daily Vaciose One time sols		A charles to be take
g Tanks	Annual tank test 4) Monthly Gnawater One time sols		< Note & there are, 2 55 gallon Wask [Rymon
r Exisin	5) Daily inventory Annual tank testing Contribipe leak det		ne gos/dasely to be marelested upon
Moniloring for Existing Tank	Vadose/gndwatermon. 6) Daily Inventory Annual tank testing Cont pipe leak det		disposal + project Jabled 1)7
Koni	7) Weekly Tank Gouge Annual tank Ising 8) Annual Tank Testing		Soul a con C . (Frall intres (M. C.)
	Daily Inventory 9) Other	_	Smale & Sp. Corner to Shedul Barrer of
	7. Precis Tank Test Date:	2643 2644	Single 3 NW Cown Water following
	9. Soil Testing10. Ground Water11.Monitor Plan	2646 2647	Suple & NE Corner
w Tenks	12.Access. Secure 13.Plans Submit Date:	2632 2634 2711	a. Dr. A. Lov KTENTPUD. E. Marie Deal
ž	14. As Built Date:	2635	
Rev	8/88		
	Contact: _	XM	in Pal
	Title:	× Peu	· Cools Myrax Inspector: Buan Oliva
	Signature:	March	Signature:
		G-1 1 5 1 A	##

yellow -facility pink -flles

Prevention

Containers, Tanks

Signature:

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200 Oakland, CA 94621

(415) 271-4320 <u>Hazardous Materials Division Inspection Form</u> Site Name Today's Date Site ID# EPA ID# Site Address Phone Zlp City Inspection Categories: MAX Amt. Stored > 5001bs/55g/200cf? Haz. Mat/Waste GENERATOR/TRANSPORTER Hazardous Waste generated per month? II. Business Plans, Acute Hazardous Materials III. Underground Tanks The marked Items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C) I.A GENERATOR (Title 22) Comments: 4 66471 1. Waste ID 2. EPA ID 3. > 90 days 4. Label dates 66472 66508 66508 5. Blennlai 66493 66492 6. Records 66484 7. Correct 8. Copy sent 66492 66484 9. Exception 10. Copies Rec'd 66492 11. Treatment 66371 12. On-site Disp. (H.S.&C.) 26189.5 66570 13. Ex Hoz. Waste 71 14. Communications 67121 ___ 14. Communica ___ 15. Alsie Space 67124 16. Local Authority 67126 67120 17. Maintenance ___ 18. Training 19. Prepared 67140 67141 20. Name List 21. Coples 67141 22. Erng. Coord. Tmg. 67144 67241 23. Condition 24. Compatibility 67242 25. Maintenance 67243 67244 67246 26, inspection 27. Buffer Zone 28. Tank Inspection 67259 29. Containment 67245 30. Sate Storage 67261 31. Freeboard 67257 bae (Title 22) I.B TRANSPORTER 32. Applic./Insurance 66428 33, Comp. Cert./CHP Insp. 34. Containers 66465 abbuse 35. Vehicles 66465 36. EPA ID #5 66531 37. Correct 66541 38. HW Delivery ለለ543 39. Records **60544** 40. Name/ Covers **66545** 41. Recyclobies Rev 6/88 ARL J. TAMBROWL Contact: Que Olu oordinat Inspector: Title:

Signature:

	proved OMB No. 2050–0039 (Expires 9-30-94) int or type. Form designed for use on elite (12-pitch) typewrith	See Instructions		4YN	Department of John Stations
A	1 INIFORM HAZARDOUS 1. Gene	erator's US EPA ID No. Ma	nifest Document No	2. Page 1	Information in the shaded areas is not required by Federal law.
	WASTE MANIFEST CA	900081218191316		of	
1	3. Generator's Name and Mailing Address Cler	mentina Ltd.	124		972305942
	2177 Jerrold Avenue, San	1 Francisco, CA 94	1124		
	4. Generator's Phone (415 282-7725				La Catalog de
	5. Transporter 1 Company Name	6. US EPA ID Number			2.53); ; (2.23)
	RICH HAMILTON TRUCKING	C A D 9 8 2 4 7	1 5 9 1		(20 5))
	7. Transporter 2 Company Name	8. US EPA ID Number			
	9. Designated Facility Name and Site Address	10. US EPA ID Number			
i [ERICKSON, INC. 255 PARR BLVD.			resign refine	9,366689211
	RICHMOND, CA 94801	C A D 0 0 9 4 6	6 3 9 2		vii) 205-46 6 6
1	11. US DOT Description (including Proper Shipping Name		12. Containers	13, Total Quantity	14. Unit Waste Numbers
	σ.		No. Type	Gooding	53.74.46.37
	WASTE EMPTY STORAGE TANK	NON-RCRA		10.00	2 312 TeAVOH:
G E	HAZARDOUS WASTE SOLID.	- Andrew -	9012 T L	1200	P SMANGNESS
N E	ь.				
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A T	с.				Ga and
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	ring of the control o	E SEST EVERYED THE FE	ા માંચ	11/	
	महार हैति यह है विवास स्थाप	(CETO)			
	15 Secial Headling Instructions and Additional Information	to Site Location:	5521 Dov	le St./	Emeryville
	KEEP AWAY FROM SOURCES OF	IGNITION. ALWAYS WEAF	R HARDHATS W	HEN WORKING	G AROÛND
1 E	1		O DITON	E (415).	<u> 282-77</u> 25
	U.S.T.'s 24 HOUR CONTACT N	NAME <u>Tad Tassone</u>	& PHON	- 14101	
		NAME <u>Tad Tassone</u>			
	14 CENEDATOR'S CEDTISICATION. I hasabu daslara	NAME <u>Tad Tassone</u>	ly and accurately descri	bed above by proper	r shipping name and are classifier
	GENERATOR'S CERTIFICATION: I hereby declare packed, marked, and labeled, and are in all respect	that the contents of the consignment are fulls in proper condition for transport by highw	ly and accurately descrively according to applica	bed above by proper	r shipping name and are classified d international laws.
	16. GENERATOR'S CERTIFICATION: I hereby declare packed, marked, and labeled, and are in all respect if i om a large quantity generator, I certify that I	that the contents of the consignment are fulls in proper condition for transport by highways a program in place to reduce the very controlle method of transport stargers.	ly and occurately descrively according to applicate of the control	bed above by proper able federal, state and vaste generated to the	r shipping name and are classified d international laws. The degree I have determined to the minimizes the present and futu
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TELEPHONE (510) 235-1393

which it was issued.

REPRESENTATIVE

CERTIFICATE

NO. 15142

	CUSTOMER SEMCO			,	-	_
-	JOB NO.	_				_

CERTIFIED	SERVICES	COMPANY
------------------	----------	---------

255 Parr Boulevard • Richmond, California 94801

CUSTOMER SEMCO	
JOB NO.	80337

FOR:Erickson, Inc.	TANK NO. 10277
Richmond LOCATION:	DATE: TIME:
Vibual Gastech/1314 SMPN TEST METHOD	LAST PRODUCT
Petroleum Institute and have found the condition	to that this tank is in accordance with the American to be in accordance with its assigned designation. at the time the inspection herein set forth was all qualifications and instructions.
6000 Gallon Tank	SAFE FOR FIRE
"ERICKSON INC. HEREBY CERTIFIES THAT IS "IT 'PEN, PROCESSED, AND THEREFORE DE	THE ABOVE NUMBERED TANK HAS BEEN
immediately stop all hot work and contact the undersigned. changes occur. STANDARD SAFETY DESIGNATION SAFE FOR MEN: Means that in the compartment or space so 19.5 percent by volume; and that (b) Toxic materials in the a judgment of the Inspector, the residues are not capable of while maintained as directed on the Inspector's certificate. SAFE FOR FIRE: Means that in the compartment so detatmosphere is below 10 percent of the lower explosive limit not capable of producing a higher concentration that permitted and while maintained as directed on the Inspector's certificate.	designated (a) The oxygen content of the atmosphere is at least atmosphere are within permissable concentrations; and (c) In the producing toxic materials under existing atmospheric conditions signated (a) The concentration of flammable materials in the and that (b) In the judgment of the Inspector, the residues are ted under existing atmospheric conditions in the presence of fire te, and further, (c) All adjacent spaces have either been cleaned erted, or in the case of fuel tanks, have been treated as deemed
The undersigned representative acknowledges receipt of this	certificate and understands the conditions and limitations under

TITLE

INSPECTOR

DAY ÖR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 15141

SEMCO	
OB NO.	
	80337

FOR:	Erickson,	Inc.	TANK NO.	10276	DEC 30 1992
------	-----------	------	----------	-------	-------------

LOCATION: Richmond DATE: 12/21/92 TIME: 11:12:09

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT

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.

FANK SIZE 6000 Gallon Tank	CONDITION	SAFE FOR FIRE
REMARKSONYGEN 20.9%		
LOWER EXPLOSIVE LIMIT LESS	THAN 0.1%	
IRICASON INC. HEREBY CERTIFIES THA	I THE ABOVE NUMBER	ED TANK HAS BEEN
CUT OPEN, PROCESSED, AND THEREFORE	DESTROYED AT OUR	PERMITTED HAZARDOUS

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 i	representative	acknowledges	receipt of this	certificate and	understands	the conditions	and limitations under
which it was issued	t K	Alda	·			DC	
REPRESENTATIVE			TITLE		IN	ISPECTOR	

TRACER DATESTING DRACER
DAILY SAFETY BRIEFING REPORT
Project # 92-1105 Date 1205/62 Time 2630000
Project Name Clementina.
Project Name Clerifier Doyle St. EmeryVille Project Location 5521 Doyle St. EmeryVille
Client/Address Clementina, 2177, Jerrold Ave, S.F., Project Activity Remove. 2 fiberglass Tanks (+600 6 × 1-6000)
Project Activity Remove 2 fiberglos Tanks (F600 6 V 1-6000)
SAFETY TOPICS
CHEMICAL HAZARDS-Benzene, Toluene, Xylene, Ethyl Benzene, Freon, Diesel, Petroleum Hydrocarbons
PHYSICAL HAZARDS-Open excavation, debris piles, exposed
piping, cave-ins, moving equipment, creourges
RESPIRATORY PROTECTIVE EQUIPMENT-Half-face respirator with
organic vapor cartridges if necessary
SAFETY/PERSONAL PROTECTIVE EQUIPMENT/CLOTHING (List specifically for each activity)- Hard hats, steel toe shoes,
safety glasses, uniform snirt, proceeding Agona
SPECIFIC INSTRUCTIONS-No smoking, eating, drinking, or chewing within 25' of the excavation, wash hands before doing
any of the above Merrit. Peralta (50) 655 11000
WOODTEN CLINIC Modical Center PHONE (310) 633-4 400
HOSPITAL ADDRESS Hawthorne & Webster St., Oakland
PARAMEDIC (911) FIRE DEPT. (911) POLICE (911)
EMERGENCY PROCEDURES-Treat minor injuries on site, transport victim to hospital if necessary
-ATTENDEES-
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NAME (Please Print)
Charles (1903)
The state of the s
Worky Street
Meeting Conducted By
MCO Auto

Supervisor

10.0 Signatures & Acknowledgments:

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

Signature 1	ade 11/08/52	Signature	Date
Signature	Date	Signature	Date
Signature	12/9/9	Signature	Date
Ma Signature	Date	Signature	Date
Signature	Date	Signature	Date
Signature	Date	Signature	Date
Signature	Date	Signature	Date