# 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)

October 2, 1996

ref:

96-0236.2

Juliet Shin Alameda County Department of Environmental Health 1131 Harbor Bay Parkway Alameda, California 94502 (510) 567-6700 phone (510) 337-9335 fax

re: Gasoline tank removal at 845 Pacific Ave., Alameda, California.

Dear Ms. Juliet Shin,

Enclosed is the tank removal report for the site referenced above. Please let us know if you have any questions.

Sincerely.

HK2, Inc./SEMCO

Mark Dysert

**Environmental Specialist** 

cc: William Sheehan

#### **Tank Removal Report**

**Site Location:** 

845 Pacific Ave. Alameda, California

**Prepared For:** 

William Sheehan 1236 Bay Street Alameda, California 94501 (510) 522-0978 phone

#### **Submitted To:**

Juliet Shin
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502
(510) 567-6700 phone
(510) 337-9335 fax

#### Prepared By:

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

Job # 96-0236.2

### **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 845 Pacific Ave. Alameda, California

SEMCO/HK2, Inc. was contracted to remove one (1) 120 gallon gasoline tank (UST) from the residential site located at 845 Pacific Ave., Alameda, California. The tank was installed in June 1926 according to records at Alameda Fire Department. This report covers the tank removal, soil sampling activities.

On September 25, 1996 HK2, Inc. removed the concrete 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 free of any residual product. 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.

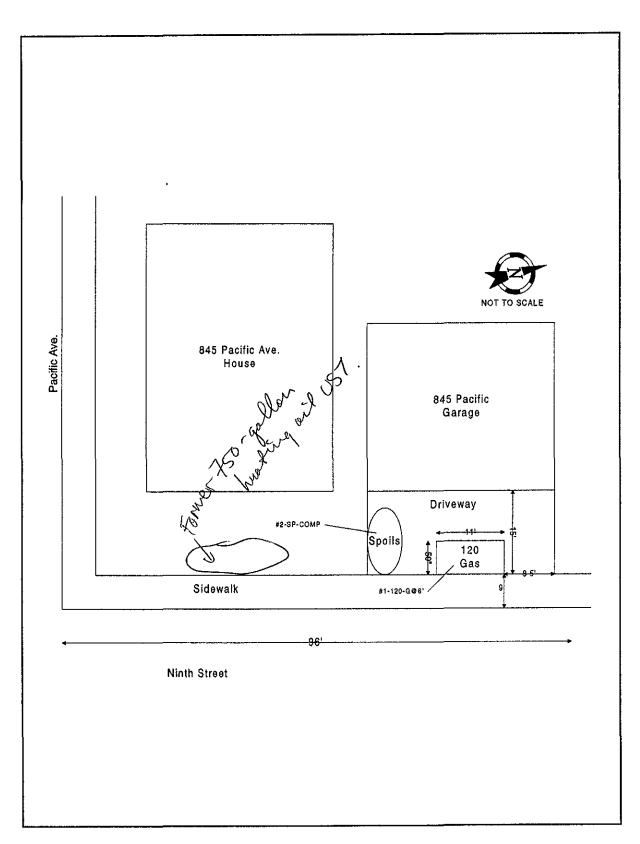
Juliet Shin of the Alameda County Department of Environmental Health and Captain Steve McKinnley of the Alameda Fire Department were both on site to verify the tank readings and witness the removal, loading and sampling activities.

There was some large holes in the bottom of the tank. The soil had no odor or discoloration. The excavation was explored with the backhoe and there was no odor or discoloration noted. The tank was loaded onto Dexanna Ltd. and transported to Erickson, Inc. for disposal under manifest number 95269999.

Two (2) soil samples were collected. Sample #1-120-G@6' was collected from the bottom of the excavation 6' below ground surface (bgs), approximately 2' below the former tank in native sandy soil. Sample #2-SP-COMP, a four (4) tube composite, was collected from the excavated material.

Soil samples were collected in clean brass tubes, which were sealed with Teflon tape, preformed plastic end caps and masking tape. The samples were properly labeled, entered onto a chain of custody and placed in an iced cooler for transportation to North State Environmental for the analysis of Total Petroleum Hydrocarbons as Gasoline (TPH-G), Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) and Total Lead. Analytical results are presented in the Appendix.

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



Site Layout and Sampling Locations

# Appendix



North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis 96-702

(415) 588-9652

Client Ll L	_ ~		Phone		Report to							Тис	naround T	ime
Mailing Add	ness: SI Leslic St In Mateo, CA 94	4 <del>4</del> 02	IG0V	12-8033	Billing to	lark o: L, Inc		····				8 H	ЦΧ	
Site Address:	845 Pacific A	tue.	<del>77</del>		PO# /	Billing Refe	tence.					40 H	3 Da	
Sampler:	MarkDysert		Date 9	125/96	9	6-0	236.	2				Othe	r	Г
Sample ID:	Sample Description	Container	Sai	mpling ne/Date	TPH-D	трн-с	A N A BTEX	CY\$15	REO TOTAL LENO	L'EST	ED		Ren	narks
#1-120-G #2-5P-0	e6' Soil	1 BRASS	9/25	1 20		Ŷ	X		X					
	MP SOIL	4 BRASS	9/25	1:35					$\Delta$					
<u>,                                    </u>					, <b>, ,</b> , ,									
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# CERTIFICATE OF ANALYSIS

Lab No:

96-702

Date Sampled:

09-25-96

Client:

**SEMCO** 

Date Analyzed:

09-26-96

Project:

845 PACIFIC AVE.

Date Reported:

09-27-96

Total Lead by Method Atomic Absorbtion Spectroscopy Samples prepared by Method 3050 Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020 Gasoline range hydrocarbons by EPA method 8015M

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-702-01	#I-120-G @ 6' SOIL	Benzene Toluene Ethylbenzene Xylenes Gasoline Lead	8020 8020 8020 8020 8015M 7420	ND ND ND ND ND ND 25 mg/Kg
96-702-02	#2-SP- COMP SOIL	Benzene Tolucne Ethylbenzene Xylenes Gasoline Lead	8020 8020 8020 8020 8015M 7420	ND ND ND ND ND ND 31 mg/Kg

# Quality Control/Quality Assurance Summary-Soil

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Benzene	8020	0.005 mg/Kg	ND	122	3
Toluene	8020	0.005 mg/Kg	ND	111	3
Ethylbenzene	8020	0.005 mg/Kg	ND	102	2
Xylenes	8020	0.010 mg/Kg	ND	149	5
Gasoline	8015M	0.5 mg/Kg	ND	101	4
Lead	7420	l mg/Kg	ND	103/101	2

ELAP Certificate/NO: 1753

John A. Murphy, aboratory Director

P.O. Box 5624 . South San Francisco, California 94083 . 415.588.2838 FAX 588-1950



# **BAY AREA AIR QUALITY**

REGULTION 8, RULE 4	0
<b>NOTIFICATION FORM</b>	

	939 ELLIS STREET SAN FRANCISCO, CALIFORNIA 94109		placement of Tanks
Transport of the Parket	(415) 771-6000	Excavation of	Contaminated Soil
	SIT	E INFORMATION	
Site Address	845 Pacific Que	nul	2.662
City, State	alameda Cal	fania zip 3	1450/
Owner Name_	William Sh	cehan	
Specific Location	on of Project Northeast	side of ynaporty	
Tank Re	emoval Q OC OC	Contaminated Soil Excavation	
	artup Date <u> 9-25-96</u>	Stockpiles Will Be Covered? Yes	No
Vapors Ren	Wash delergent want	Indicate below the method used to comply	
[ \( \sum \) Vapor ]	Freeing (CO <sup>2</sup> ) 20/15 per 1900	Regulation 8, Rule 40, Section 402.4:	
	tion-purse wair	Check (1) 8-40-301 [1 8-40-302] A/C or P/O # 96-6236	[ ] (Permit Required)
What other	public agency have you notified (e.	g., Fire District, Hazardous Materials Depart	ment, city or county)?
Agencyala	inieda Counti En Health	Contact Julie Thin Phone:	#(510) <u>567-6700</u>
7,60007			
BAAQMD N#_	CONTR	ACTOR INFORMATION	
Name		Contact	
Address		Phone ( )	
City, State, Zi	ρ		
<u></u>			1
	CONSULTANT	INFORMATION (If applicable)	
Name		Contact	
Address		Phone ( )	
,	р	•	
For Office U	se Only		
	Fax		
Inspector No.		Date	By
•	act Name		By(init)
Update: Cont		•	Ву

DEPAP OF ENVIRONMENTAL HEAL NMENTAL PROTECTION DIVISI ENVI 1131 HARBOR BAY PARKWAY, RM 250 ALAMEDA, CA 94502-6577 Part Reducts - sections Department to consist the sections of # 510/567-6700 PHONE # magra, in dapprenged on companion with autopied plans Gro Department must witness removel of all Unider Any unargon or alterestations of these plans and speculations mis) 63 अगर गोर्ड क्र भोड़ क्षेत्र केस्टर साल्या, ब्रांटी आ देव मिण्ड general tasks, and all State and County Requirements Doo copy of the contrad plans must be on the tybend available to all compades and defeated inversed with the State and Licht Pessit Laws, Changes to your wosting plans indicated by the Denatropic are in assettion compliance with stelle and lose lasts. The project pittohad limeth is how thesa closure/lenaval plans have been received and found Underground Storago Tenk Chosum Permit Application to the expectation of the mean were the requiremental of क्षान्त्रक हो वस्त्र क्षिणक्ष ध्रमन्त्रेष क्षान्त्र Alemade County Division of Hezardous Masachels 1151 Harbur Bay Parkway, Suke 250 Printed a sydney and sand regulations. Augustica of its portroit to operate. CT RESERVED COORDESSES G.T.C/8: UNDERGROUND TANK CLOSURE PLAN Complete according to attached instructions 1. Name of Business Business Owner or Contact Person (PRINT) 2. Site Address 3. Mailing Address Phone 510-522-4. Property Owner Business Name (if applicable) Zip City, State Wanter

**- 1** -

EPA ID# under which tank will be manifested CACOOLOGL448

5. Generator name under which tank will be manifested

•	6,	Contractor HKA Live SEMO
137		Address 1751 Reslie Sheet
ř		City Can Mates, CA 94402 Phone 415-572-803
		License Type A, B, C6/D40, C57, HAZ ID# 719103
		*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) MA
		Address
		City, State Phone
	8.	Main Contact Person for Investigation (if applicable)
		Name Churk of per Title Tresident
		Company HK2, INC SEMCO
		Phone 415-572-8033
	9.	Number of underground tanks being closed with this plan
		Length of piping being removed under this plan
		Total number of underground tanks at this facility (**confirmed with owner or operator)
	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 <u>Euergreen Environmental</u> EPA I.D. No. <u>CAO 989695761</u>
		Hauler License No. <u>0242</u> License Exp. Date <u>1/97</u>
		Address 680 amith Quenue
		City Clewark State CA Zip 94560
		b) Product/Residual Sludge/Rinsate Disposal Site
		Name Eurorgioen Environmento PPA ID# CAD980695761
		Address 6880 Smith Que
		City Yewark State CA Zip 94560
		/

, `, c)	Tank and Piping Transporter
•	Name Dexanna LTO EPA I.D. 12 CAO 982 438566
	Hauler License No. 2883 License Exp. Date 497
	Address 3104 athens CT.
	city <u>Concord</u> state <u>CA</u> zip <u>94519</u>
đ	) Tank and Piping Disposal Site
	Name Enclosen, clnc. EPA I.D. No. CAD009466395
	Address 255 Pour BlvD.
	city Richmond State CA Zip 94801
11.	Sample Collector
	Name Check Keper of Mark Deport
	Company _ HKa, INC   SEMCO
	Address 1751 Revolie ST.
	city San Mateo State CA Zip 94402 Phone 415-572-8033
12.	Laboratory
	Name Yorth State Environmental
	Address 90 S. Spuce.
	address 90 S. Spruce, city So. San Ananciaco state CA zip
	State Certification No
13.	Have tanks or pipes leaked in the past? Yes[] No[] Unknown[]
	If yes, describe.

. .

Dolbs dry 100, yer 1000 gallows

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) \*\*\*

Capacity	Tank  Use History include date last used (estimated)	Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
120 Maying Transition	Jasolino Joe gallon Joe Suplus (w) and of alwated (w) And TEX	Soil and or water	2 Yook below cend of tank into Native Soil — or at soil/wate interface

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 Volume (estimated)	Salling Plan						
5 yards One discreet sample per every zoyds it to be reused on site.	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.						

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 <u>prior</u> 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 Ar Method Number	alysis	Method Detection Limit
Leaded Gas	BTX&E TPH AND BTX TOTAL LEADOptic TEL		BTXGE TOTAL LEAD TEL	GCFID(5030) 602 or 624 AA DHS-LUFT DHS-AB1803
	MTBE		·.*	

.•.	18.	Submit Worker's Componsation Certificate copy
•		Name of Insurer CAR 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 d inf	eclare that to the best of my knowledge and belief that the statements and formation provided above are correct and true.
	noo	understand that information, in addition to that provided above, may be eded in order to obtain approval from the Environmental Protection Division that no work is to begin on this project until this plan is approved.
	I t	understand that any changes in design, materials or equipment will void is plan if prior approval is not obtained.
	con Adn und	understand that all work performed during this project will be done in appliance with all applicable OSHA (Occupational Safety and Health ministration) requirements concerning personnel health and safety. I derstand that site and worker safety are solely the responsibility of the operty owner or his agent and that this responsibility is not shared nor sumed by the County of Alameda.
	pro	ce I have received my stamped, accepted closure plan, I will contact the oject Hazardous Materials Specialist at least three working days in advance site work to schedule the required inspections.
	<u>CO1</u>	NTRACTOR INFORMATION
		Name of Business HKa, INC /SEMCO
		Name of Individual thought Keames-Kiper
		Signature Thonda Team 15-Kiple Date
	PR	OPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)
		Name of Business
		Name of Individual William Sheehan
		Signature William Thechan Date 9-19-96

Abel Carbonic

CUSTOME	R NUMBER,	PURCHASI	ORDER NO.	DATE	DEL	IVERY NUMBER
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operty under the contract) a any of said property over a	pagest good order, oncept as noted contents and condition or contents or post-up a uniformer in agrees to contry to be usual place of determined at side distribution, if on the own maked which libra- ble or any portion of said route to destination, and as to each party utilizing the uniformer or use hereby agreed to by the shipper and accepted for himself and his observed.			
				e-For purposes of notification only
nsigned to_	Erickson, Inc.	255 Parr B1	Lvd.	
stination	Richmond,	State of Calif. Zip	Code <b>94801</b>	Contra County of Costa
•	Street City	Delivering <b>Dexanna</b>	Vehicle	
uting	Dexanna	Carrier <b>Dexanna</b>	or Car Init	al <u>2</u> No. <b>T-1</b>
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ges	Description of Articles, Special Marks and Exceptions	"Weight (Sub to Cor.)		owing statements  The carrier shall not make delivery
	e Empty Storage Tank RCRA Hazardous Waste Sol	id. 150/65		ns shipment without payment of freig nd all other lawful charges
`   • •				(Signature of Consignor)
	fest # <u>95269999</u> : # <u>/8892</u>		S	If charges are to be prepaid, write tamp here, "TO BE PREPAID."
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Load	ling Time: 13;00 to 13:	30 = 12 Feb.	. ] ] [	Received \$to apply repayment of the charges on t roperty described hereon
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shipment moves between an endured	d to state specifically in writing the agreed or declared value of the property			
e, shippers are required reed or declared valu	d to state specifically in writing the agreed or declared value of the property se of the property is hereby hipper to be not exceeding	per		S

DO NOT WRITE BELOW THIS LINE.

Signature

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

19. Discrepancy Indication Space

Printed/Typed Name

Day

Month

"mental & General Engineering Control

**SEMCO** 

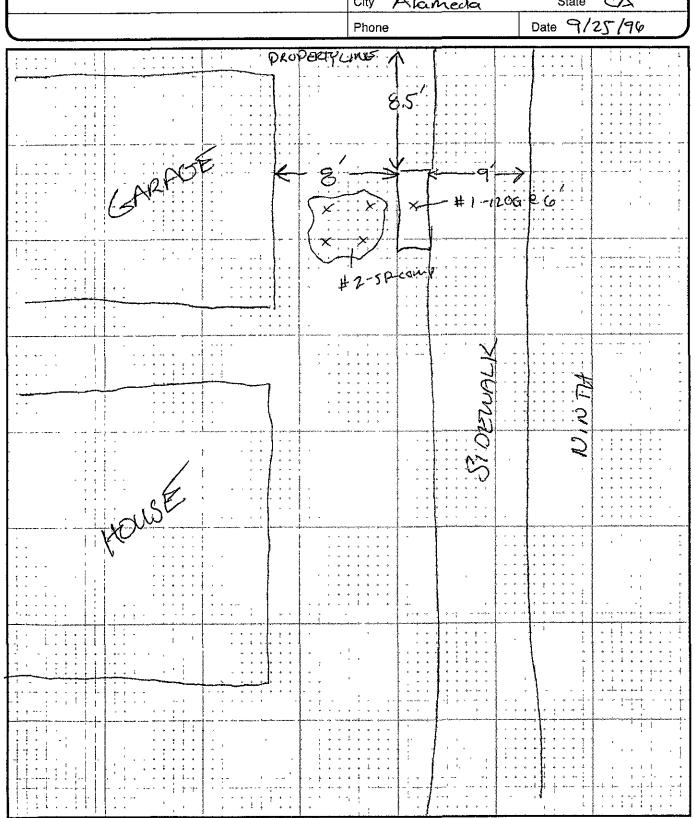
1741 Leslie Street San Mateo, Calif. 94402 (415) 572-8033

#### License No. 449864 A, B, & C-61/D40 Hazardous Substance Certificate

# SITE PLAN

SEMCO 431 W. Hatch Rd. Modesto, Calif. 95351 (209) 524-9653

•			
SUBMITTED TO:	DESCRIPTION OF JOB:		
	Job 845 Pacific	: Ave. #96-0236.	
	Address		
	City Alameda	State CA	
	Phone	Date 9/25/96	
DLOPE	RIYUNIS A		





white -env.health yellow -facility pink -files

Title:

Signature:

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

**Hazardous Materials Inspection Form** 

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

11,111

			Site #6063 Site Name ROSIDENCE	Today 9,2596
	BUSINESS PLANS (Title 19)  1. Immediate Reporting 2. Bus. Plan Sids 3. RR Cars > 30 days 4. Inventory Information 5. Inventory Complete 6. Emergency Response 7. Training 8. Deficiency 9. Modification  ACUTELY HAZ. MATLS  10. Registration Form Flied 11. Form Complete 12. RMPP Contents 13. Implement Sch. Regid? (V/N) 14. OffSite Conseq. Assess. 15. Probable Risk Assessment 16. Persons Responsible 17. Certification 18. Exemption Request? (V/N) 19. Trade Secret Requested?	2703 25503(b) 25503.7 25504(c) 2730 25504(c) 25505(d) 25505(d) 25505(b) 25533(b) 25533(b) 25533(b) 25534(c) 32554(c) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d) 25534(d)	Site Address 845 Pacific AUR  City Almurda Zip 9450/ Pho-  MAX AMT stored > 500 lbs, 55 gal., 200 ci  Inspection Categories:  I. Haz. Mat/Waste GENERATOR/TRANSPOR  II. Business Plans, Acute Hazardous Materia  III. Underground Tanks  * Calif. Administration Code (CAC) or the Health & Sat	ne
III.	√ ™ UNDERGROUND TANKS (Title  Output  Out	∋ 23)		OUPM), Steve
General	1. Permit Application 2. Pipeline Leok Detection 3. Records Maintenance 4. Release Report 5. Closure Plons	25284 (H&S) 25292 (H&S) 25292 (H&S) 2712 2651 2670	The Keuley Algurda Fire Dept, a	vas out at site.
Monitoring for Existing Tanks	6. Method     1) Monthly Fest     2) Daily Vodose     Sent-chinucil gnotwater     One time sols     3) Daily Vodose     One time sols     3) Daily Vodose     One time sols     Annual tank test     4) Monthly Gnotwater     One time sols     5) Daily Inventory     Annual tank testing     Cont pipe leak det     Vadose/gnotwater mon.     6) Daily Inventory     Annual tank lesting     Cont pipe leak det     7) Weekly Tank Gauge     Annual tank Isting     8) Annual Tank Testing     Daily Inventory     9) Other  7. Precis Tank Test     Date:     8. Inventory Rec.     9. Sol Testing.     10. Ground Water.	2643 2644 2646 2647	Teast 18 years, per property or Soil sauble collected from a tank was sandy sail collected for This sauple was collected for The backhor explored pet in two odos or stones were be	white sud of UST),  1926, The  UST were  discovery,  were for at  which the  selen or stains,  our of 5' logs.
New Tanks	11.Monitor Plan 12.Access. Secure 13.Plans Submit Date: 14. As Built Date:	2632 2634 2711 2635	Excavated Soil.	rom S
67	8/88			
	Contact:	Mark	DyserT	1, 11

Inspector:

Signature: