



SUBSURFACE ENVIRONMENTAL CORP

Ms. Susan Hugo Alameda County Health Agency Division of Hazardous Materials 1131 Harbor Bay Parkway, Rm 250 Alameda, CA 94502-6577

Subject: Tank Removal Closure Report

6655 Hollis Street, Emeryville, California

Dear Ms. Hugo:

Enclosed please find a copy of the report documenting the tank removal, soil remediation and sampling activities for the two underground fuel storage tanks located at 6655 Hollis Street in Emeryville, California.

If you have any questions or comments, do not hesitate to contact us.

Sincerely,

Christopher R. Lilienthal

Enclosure

cc: Mr. Robert Thomas, McGrath Steel Company

UNDERGROUND STORAGE TANK REMOVAL CLOSURE REPORT

6655 Hollis Street Emeryville, California

September 16, 1996

Prepared for:

McGrath Steel 6655 Hollis Street Emeryville, California

^{• 1796 18}th Street • Suite C • San Francisco CA 94107 • (415) 863-8100 • Fax (415) 863-8156 • General Engineering A License # 618766 • Hazardous Materials Certified • WBE Certified •

1.0 INTRODUCTION

At the request of Mr. Robert Thomas of McGrath Steel, the tank owner's representative, Subsurface Environmental Corp. (Subsurface) removed two 2,000 gallon capacity fuel underground storage tanks (UST's) and associated contaminated soil. This report describes the tank removal, soil remediation, and soil sampling activities. Appendix A contains the Underground Storage Tank Closure Plan permit issued by the Alameda County Health Agency, Division of Hazardous Materials, Department of Environmental Health (ACDEH) and other appropriate permits.

2.0 BACKGROUND

The Site is located at 6655 Hollis Street, Emeryville, California. The Site is owned by the Loretta A. McGrath Family Trust and is occupied by a commercial steel fabricator, McGrath Steel Company. Two 2,000 gallon capacity fuel UST's, one that contained diesel and one that contained unleaded gasoline, were located beneath the sidewalk, immediately in front of the warehouse building on 67th Street. The UST's were used to store fuel to operate the company's vehicles.

The diesel tank was installed in 1979 and was last used in January 1996. The unleaded gasoline tank was installed in February 1981 and was last used in October 1995. Both of the tanks were single walled steel tanks. No known previous investigations were performed on the site or UST's.

3.0 UST REMOVAL ACTIVITIES

3.1 Removal Activities

The UST removal activities were conducted on July 2 and July 3, 1996. After removing the concrete sidewalk with a concrete breaker, the soil surrounding the UST's was excavated, exposing the UST's, and stockpiled on the adjacent parking lot. Soil from each excavation was stockpiled separately. The soil from the diesel tank was designated as Stockpile 1, and the soil excavated from the gasoline tank was designated as Stockpile 2. Shoring was installed around the perimeter of both tank excavations to protect the existing sidewalk and buildings.

There was no residual product in either tank. The gasoline tank was rinsed as required to reduce combustible vapors. Approximately 4 gallons of rinsate was pumped out of the tank and transported by Erickson, Inc., a permitted hazardous waste hauler, to Evergreen of Newark, California, for recycling. Appendix B includes a copy of the uniform hazardous waste manifest that was used for transportation of the rinsate. Approximately 200 lbs. of dry ice was placed inside the tanks to inert the tank atmosphere. A portable meter was used to determine percent oxygen and percent explosive vapors to ensure safe removal.

Upon approval of Ms. Susan Hugo of the ACDEH, Inspector George Warren of the Emeryville Fire Department, and Juan Arreguin of the Emeryville Department of Public Works, the UST's were removed with the use of conventional construction equipment. The UST's were placed upon a flatbed truck for transportation under

manifest to Erickson, Inc., a fully permitted UST recycling facility. Appendix B includes a copy of the uniform hazardous waste manifest that was used for transportation and disposal of the UST's.

3.2 Visual Inspection

After UST removal, Ms. Hugo conducted a visual inspection of the UST's and soil in the excavation. No holes were found on the tanks. However, some weakness at the tank bungs were noted. There was some obvious contamination in the soil surrounding the tanks. Discoloration and odor was present in both the excavations and in the stockpiles of soil.

3.3 Sampling

Subsurface personnel sampled the soils under the direction of Ms. Hugo and in accordance with the State of California Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites.

Two soil samples were taken from the bottom of each excavation and one sample was taken from each stockpile. Samples were obtained from the bottom and sidewalls of the tank pit by bringing soil to the surface whereupon two-inch diameter by 6-inch long brass tubes were driven into the soil to be sampled. Samples were obtained from the stockpiles by driving brass tubes directly into the soil to be sampled. The ends of each brass tube were covered with Teflon and capped with plastic end caps. Strict chain of custody protocols were observed in all phases of sample handling. The samples were placed on dry ice in a portable cooler and delivered to a State certified laboratory.

Please refer to Table 1 and the soil sampling map for locations and depths of samples.

4.0 LABORATORY ANALYTICAL PROCEDURES

The samples were analyzed by McCampbell Analytical Inc., of Pacheco, California, a State Certified environmental testing laboratory.

The samples were analyzed for total petroleum hydrocarbons as diesel (TPHd) using EPA Method Modified 8015; total petroleum hydrocarbons as gasoline (TPHg) by EPA Method Modified 8015, benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8020, methyl tert-butyl ether MTBE by EPA Method 8020, and lead by EPA Method 6010.

5.0 LABORATORY ANALYTICAL RESULTS

Diesel and BTEX was detected in the diesel tank excavation at both ends and in Stockpile 1. Gasoline, BTEX, MTBE and lead was detected in the gasoline tank excavation at both ends and in Stockpile 2.

Please refer to Table 1 for analytical results. Copies of the laboratory reports, certificates of analysis, chain of custody documentation, and QA/QC are attached as Appendix C.

6.0 SOIL REMEDIATION ACTIVITIES

6.1 Overexcavation

On July 11, 1996, Subsurface personnel returned to the site to perform the overexcavation activities. Ms. Hugo was onsite to witness the overexcavation and soil sampling activities. As much soil as possible was excavated from each tank pit without compromising the integrity of the shoring and adjacent improvements. Contaminated soil from each tank excavation was stockpiled separately and covered with polyethylene sheeting.

6.2 Overexcavation Sampling

Following completion of the overexcavation activities, soil samples were collected from the sidewalls and the bottom of the tank excavations to determine what, if any, contamination remained.

Please refer to Table 2 and the soil sampling map for soil sample locations and analytical results.

6.3 Contaminated Soil Disposal

The originally excavated soil (Stockpile 1 and Stockpile 2) and the overexcavated soil from each tank excavation were sampled and analyzed as required by Browning Ferris Industries (BFI) of Livermore, California, the selected disposal facility. Upon acceptance by BFI, approximately 50 cubic yards of soil was loaded onto trucks for transport. One 10 yard load of soil was transported by Subsurface and two 20 yard loads were transported by Rogers Trucks of South San Francisco, to BFI for disposal. Copies of the manifests that were used for soil disposal are included in Appendix B.

7.0 BACKFILLING OPERATIONS

Approximately 70 cubic yards of clean import fill material was placed inside the tank excavations and compacted with a vibratory plate to an approximate density of 90%. At the completion of backfilling and compacting activities, the sidewalk was replaced. A visual inspection of the new sidewalk was performed by the Emeryville Public Works Department and approved.

8.0 CONCLUSIONS

Although no holes were found on either tank, contamination detected in the may have been caused by the leaks in the tank bungs. Some overspilling also have occurred during the years the tanks were in operation.

All contaminated soil as required by the ACDEH was removed. Analytical results following the completion of the contaminated soil removal showed that gasoline contamination had been reduced from a high of 1,300 parts per million (ppm) to 15 ppm. Analytical results for samples taken from the diesel tank excavation following the completion of the contaminated soil removal show diesel contamination ranging from 15 ppm to 870 ppm.

All tank removal and soil remediation work was performed in accordance with all regulatory guidelines, and as required by the ACDEH. Therefore, on behalf of the property owners, Subsurface Environmental requests that closure for the UST's be granted by the ACDEH.

9.0 REPORT DISTRIBUTION

Copies of this report were delivered to:

Ms. Susan Hugo Alameda County Health Agency Division of Hazardous Materials 1131 Harbor Bay Parkway, Rm 250 Alameda, CA 94502-6577

Mr. Robert Thomas McGrath Steel Company 6655 Hollis Street Emeryville, CA 94526

Mr. Denes Turcsayni Environmental Consultant 849 Santa Barbara Road Berkeley, CA 94707

APPENDIX A

PERMITS

COUNTY HEALTH CARE SERVICES AGENCY DEPARTMENT OF ENVIRONMENTAL HEALTH NINA K. W. C. ENVIRONMENTAL PROTECTION DIVISION 1131 HARBOR BAY PARKWAY, RM 250 indergrade of terms from Dies or Parmit Abeligation Then chause and an entry of an enaited and found To be acceptive in the following of Carle and Countingments of Carle and Counting the Counting Countin Site over closure plans indicated by minimizers to the top of the compliance with State and the struct the properties and horizing some many managed for we struck to the bring points are One coay to the seconded there must be on the job and are independent on the job and are independent with the Bremstage escribed of the action of the second THERE IS A FINANCIAL PENALTY FOR 1121 Farmer By Carbony S in 250 Action in the World on the wait of ACCEPTIO and all applicable laws and inguisering. construction to ructions,

UNDERGROUND TANK CLOSURE PLAN Complete according to attached instructions

NOT OPTAINING THESE THEEDTIONS:

1.	Name of Business McGrath Stee	1 Company	
	Business Owner or Contact Person Site Address 6655 Hollis Stree	(PRINT) Robert L. Thomas	
	City Emeryville, CA	Zip 94608 Phone (510) 596-240	0
3.	Mailing Address P.O. Box 8036		
	City Emeryville. CA	Zip 94662 Phone (510) 596-2	400
4.	Property Owner Loretta A. McGrat	th Family Trust	
	Business Name (if applicable)	·	<u></u>
	Address 658 Doral Drive		
	City, State Danville, CA	Zip 94526	
5.	Generator name under which tank w McGrath Steel Company	will be manifested	
	EPA ID# under which tank will be	manifested C AL 000148441	

rev 4/6/95

ì	Address1796 18th Street Ste C	
	City San Francisco, CA General Engineering A License Type' w/Hazardous Substances ID# 618766	<u> </u>
	*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires printense Board.	 e
7.	. Consultant (if applicable)	
	Address	_
	City, StatePhone	
8.	Main Contact Person for Investigation (if applicable)	_
	Name Roxanne Harris Title Project Manager	
	Company Subsurface Environmental	-
	Phone (415) 863-8100	-
9.	Number of underground tanks being closed with this plan 2	
	Length of piping being removed.	_
	Length of piping being removed under this plan 20 feet Total number of and	-
	Total number of underground tanks at this facility (**confirmed with owner or operator) ?	1
10.	State Registered Hazardous Waste Transporters/Facilities (see	
** 7	Underground storage tanks must be handled as hazardous waste **	٠
	a) Product/Residual Sludge/Rinsate Transporter	
	Name American Valley EPA I.D. No.CAL 000121154	
	MONTAN TYLE /MONT	-
	Address 2930 Geer Road #156	
	City Turlock State CA Zip 95382	-
	b) Product/Residual Sludge/Rinsate Disposal Site	
	Name Petroleum Recycling Corp EPA ID# CAD 083166728	
	Address P.O. Box 1167	
	City Patterson State CA Zip 95363	•

Name Erickson EPA I.D. No. CAD009466392 Hauler License No. 0019 License Exp. Data NA Address 255 Parr Blvd City Richmond State CA Zip 94801 d) Tank and Piping Disposal Site Name Erickson EPA I.D. No. CAD009466392 Address 255 Parr Blvd, City Richmond State CA Zip 94801 11. Experienced Sample Collector Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 12. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7 City Pacheco State CA Zip 94553		c) rank and Piping Transporter	
Hauler License No. 0019 License Exp. Date NA Address 255 Parr Blvd City Richmond State CA Zip 94801 d) Tank and Piping Disposal Site Name Erickson EPA I.D. No. CAD009466392 Address 255 Parr Blvd, City Richmond State CA Zip 94801 1. Experienced Sample Collector Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbel1 Address 110 2nd Avenue So.#D7		Name Erickson	EPA I.D. No. CAD009466392
City Richmond State CA Zip 94801 d) Tank and Piping Disposal Site Name Erickson EPA I.D. No. CAD009466392 Address 255 Parr Blyd. City Richmond State CA Zip 94801 1. Experienced Sample Collector Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7			
City Richmond State CA Zip 94801 d) Tank and Piping Disposal Site Name Erickson EPA I.D. No. CAD009466392 Address 255 Parr Blyd. City Richmond State CA Zip 94801 1. Experienced Sample Collector Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7		Address _ 255 Parr Blvd	
Name Erickson EPA I.D. No. CAD009466392 Address255 Parr Blyd, CityRichmondstate CAzip 94801 1. Experienced Sample Collector NameRoxanne Harris CompanySubsurface Environmental Corp Address1796			
Address255 Parr Blvd, CityRichmondstate CAZip 94801 1. Experienced Sample Collector NameRoxanne Harris CompanySubsurface Environmental Corp Address1796 18th Street		d) Tank and Piping Disposal Site	
City Richmond State CA Zip 94801 1. Experienced Sample Collector Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7		Name Erickson .	EPA I.D. No. CAD009466392
Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7		Address 255 Parr Blvd.	
Name Roxanne Harris Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 12. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7			
Company Subsurface Environmental Corp Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 12. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7	1.	Experienced Sample Collector	
Address 1796 18th Street Suite C City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7		Name Roxanne Harris	
City San Francisco StateCA Zip 94107 Phone (415) 863-81 2. Laboratory Name McCampbell Address 110 2nd Avenue So.#D7		Company Subsurface Environmenta	1 Corp
Name McCampbell Address 110 2nd Avenue So.#D7		Address 1796 18th Street Suite	C
Name McCampbell Address 110 2nd Avenue So. #D7		City San Francisco StateCA	Zip 94107 Phone (415) 863-81
Address 110 2nd Avenue So. #D7	2.	Laboratory	
		Name McCampbell	•
City Pacheco State CA Zip 94553		Address 110 2nd Avenue So. #D7	
		city Pacheco st	ate CA Zip 94553
State Certification No. 1644		State Certification No. 1644	
	13.		
3. Have tanks or pipes leaked in the past? Yes [] No [X]		If yes, describe.	
13. Have tanks or pipes leaked in the past? Yes [] No [X] If yes, describe.			
13. Have tanks or pipes leaked in the past? Yes [] No [X] If yes, describe.			

Pressure wash tanks, pump out rinsate, and place 50 lbs of carbon

dioxide for every 1000 gallons of tank volume.

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

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

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

	Tank	Material to be sampled	7
Capacity	Use History include date last used (estimated)	(tank contents, soil, groundwater)	Location and Depth of Samples
2000	TANK #1 Diesel	Soil	One at each end
	Installed 1979		of tank excavation 2' max below bot
	Last used 1/96		of tank #1 excavation.
2000	TANK #2 Unleaded	Soil	One at each end
	Installed 2/4/81		of tank excavation 2' max below both
	Last used 10/95		of tank #2 excavation.
hil sony	le muite	callected under	ath the
lispenser	,		, ,
*		•	
	•		

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/st	ockpiled Soil
	Stockpiled Soil Volume (estimated) 20 cubic yards: 10 cubic yards	Jamping Plan
	for each tank excavation	<pre>1 - four point composite sample for each stockpile of approx 10 yards.</pre>

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

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

If yes, explain reasoning will only place stockpile back in tank

excavation, if more safe for public and if approved by Alameda County If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party operations.

- 16. Chemical methods and associated detection limits to be used for analyzing samples:
 The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.

 See attached Table 2.
- 17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Gasoline Diesel	ТРН-G (5030) ТРН-D (3550)	EPA Modified (8015) EPA Modified (8015)	1.0ppm
	BTEX (5030)	EPA Modified (8020)	0.005-0.5p
17126			
Ph			

Name of Insurer State Compensation Insurance Fund Policy #1291679-95

- 19. Submit Plot Plan ess(See Instructions) ***
- 20. Enclose Deposit (See Instructions)
- 21. Report any leaks or contamination to this office within 5 days of The written report shall be made on an Underground Storage Tank Unauthorized Lask/Contamination Site Report (ULR) form.
- 22. Submit a closure report to this office within 60 days of the tank removel. The report must contain all information listed in item 22 of
- 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

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

I underetand that information, in addition to that provided above, may be heeded in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Mealth Administration) requirements concerning personnel health and Safety. I understand that with a safety and safety. 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

Once I have received my stamped, accepted closure plan, I will contact the Project Masardous Materials Specialist at least three working days in advance of site work to achedule the required inspections.

CONTRACTOR INFORMATION

	${f E}$
Name of Business	Subsurface Environmental Corp.
Name of Individual	Roxanne Harris
Signature	
PROPERTY OWNER OF MOS	RECENT TANK OPERATOR (Circle one) ath Steel Company
Name of Business	ath Steel Company
Name of Individual	Robert L. Thomas
Signature ku	let & Dlum Date 6-11-96

١

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



CONDLETE THIS FOR	in for each fa	CUTYSITE	•		
BARK ONLY T NEW PERMIT TO REMEMBE PERMIT		2010			122
ONE TIER TO STREET PERMY 4 AMENDED PERMIT		MINCE OF INFORMATION	7 PERMANEN	TLY CLOSED	BITE.
L FACILITY/SITE INFORMATION & ADDRESS AND		MPORARY BITE CLOSUR	E '		
DBA DA FACALITY NAME					
Mc Grath Steel Company	HAME DE COS	PATOR			
ADDRESS TO THE PERSON OF THE P	<u> </u>	purt L. T	homas	!	
GITTALLE Street	MEAREST CR	DSS STREET	PACEL FOR D	W .	
Emeryelle, Ca	STATE	ZIF COOF			
10th Pours	CA	94662	SITE PHONES	NITH AREA CO	IOE
TO INDICATE CORPORATION DISTRIBUTE DE PARTICIPARE DE PARTICIPARE DE TONOMO NOTAS D'EMPONDO S' SINGEN ANCIEN	DETAILS:		STATE ACCUPATO	E) FEDERAL	Att was
TYPE OF BUSINESS 1 CAS STATION 2 BUSINESS RECT. SET	DV & DE DE PRES M	+ des to UST		į	
S FARM G PACCESSOR & OTHER	RESE	POPULA OF TANKS AT			
EMFRGENCY POLITAGE			C11 000		
DAYS NAME RAST FIRST	. FI	MERGENCY CONTACT P	ERSON (SECONDAR	Y) . melane	
The Contract of the least of the last of t	DAYS, MANE D	LAST, FIRST)	PHONE	WITH AREA DO	
PHONE S INCH AREA COVE	1			THE PARTY OF THE	AAL.
	MONE KINE	BAST, FIRST)	PHONE	WITH AREA CO	XX.
H. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)					
bretta A. McGrath Family Trust	CARE OF AREA	ESS PEDIMATION			
ALING OR STREET ADDRESS	- To also a	E 29 MA CHEMATION	· · · · · · · · · · · · · · · · · · ·		
656 Doral Drive	w and a process	□ sovou.	~		
IN HATE	COMPOSITOR	OH DEPARTMENT OF	COUNTY AGUILY	50.5	AGE NO.
Danuille		to coor	PHONE B WITH A	D FLOCK	LAKEIC
TANK OWNER INFORMATION	CA	94526		AS A UCCO.	:
IT TANK OWNER INFORMATION - (MUST BE COMPLETED)	_				
McCorcill Strate	CARE OF ASOR	SS WORMATION			<u> </u>
ALAND ON STREET ADDRESS					
V.O. Buy 8036	V 84 2 1944		L tock, asers		
Emery wille	DO COMONING		D COUNTY ACKNO	TEDE 4	
Cherdone	45	1000 P	District a Market	3C00 A 3A	
IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT AND		77642			
IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NU	WBEH - Cal. (3	16) 322-9669 il ques	tions arise.		
					Į.
				i	i
PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE CO	MPLETED)_	DENTIEV THE NAME	UBB/6		İ
THE HOLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE CC	MPLETED) - I				
a letter or calot	e Contraction	🛄 ə 🖦	MANCE	• BUSETY	80=5
LEGAL NOTIFICATION AND BILLING ADDRESS (and and and and and and and and and and	ERVINO	□ 1 0K,	MANCE	+ BURETY	80ng
LEGAL NOTIFICATION AND BILLING ADDRESS (and and and and and and and and and and	ERVINO	□ 1 0K,	MANCE	is chacked	80=3
I. LEGAL NOTIFICATION AND BILLING ADDRESS Loga' notification of the board by board and which above adores should be used for least not	on and billing will	De sent to the tank ow	Plance HER ner unless box for ()	is chacked	80m3
I. LEGAL NOTIFICATION AND BILLING ADDRESS Loga' notification of the board by board and which above adores should be used for least not	on and billing will	De sent to the tank ow	Plance High ner unless box for ()	is chacked	BONG
I LEGAL NOTIFICATION AND BILLING ADDRESS Logal northquin ECK ONE BUR MOTCATING WHICH ANGIVE ADDRESS SHOULD BE USED FOR LEGAL NOT THIS FORM HEST BEEN COMPLETED LANDER PENALTY OF PERSURY, AS INCREMANE OR THE YEAR OF THE DESCRIPTION OF THE PENALTY O	a Extension and a second and a	De sent to the tank ow	PRANCE ILE ILE ILE ILE ILE ILE ILE IL	is chacked on RECT	8045
ECK ONE BULL MOTIFICATION AND BILLING ADDRESS LOGAL NOTIFICATION AND BILLING ADDRESS LOGAL NOTIFICATION WHICH MICH E ADDRESS SHOULD BE USED FOR LEGAL NOTIFIES FORM HES DEEN COMPLETED LADER PENALTY OF PERSURY, AND MICH HAVE PRINTED AS CHIED	a Ecomo. So and biling will PRAYENS AND B AD TO THE BEST AS TITLE	De sent to the tank own	PANCE NAME OF THE PARCE OF THE	is checked on RECT	8000
LEGAL NOTIFICATION AND BILLING ADDRESS LOGA' NOTIFICATION AND BILLING ADDRESS LOGA' NOTIFICATION AND BILLING ADDRESS LOGA' NOTIFICATION WHICH MICH E ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATION OF PERSONAL PROPERTY OF	a Extension and a second and a	De sent to the tank own	PRANCE ILE ILE ILE ILE ILE ILE ILE IL	is checked on RECT	8045
ELEGAL NOTIFICATION AND BILLING ADDRESS LOGAL NOTIFICATION AND BILLING ADDRESS LOGAL NOTIFICATION AND BILLING ADDRESS LOGAL NOTIFICATION OF AN ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATION FOR A DESCRIPTION OF PERSONAL TY OF PERSON	on and biling will be example and biling will be example and b AD TO THE BEST AS TITLE CC. VICE	De sent to the tank own	PANCE NAME OF THE PARCE OF THE	is checked on RECT	80=5
ECK DHE BUR MOTIFICATION AND BILLING ADDRESS LOGIC TORRIGHMENT FOR AN AND AND BILLING ADDRESS LOGIC TORRIGHMENT FOR AN AND AND AND AND AND AND AND AND AND	on and biling will be example and biling will be example and b AD TO THE BEST AS TITLE CC. VICE	DE SET IO THE Lank OW. ILLING OF ANY INNOVILEDGE. PRES.	PANCE NAME OF THE PARCE OF THE	is checked on RECT	80=5
ECK ONE BULL MOTIFICATION AND BILLING ADDRESS LOGIC NOTIFICATION AND BILLING ADDRESS LOGIC NOTIFICATION AND BILLING ADDRESS LOGIC NOTIFICATION OF MICH MOTIFICATION OF PERSONAL TY OF PERS	on and biling will be example and biling will be example and b AD TO THE BEST AS TITLE CC. VICE	DE SET IO THE Lank OW. ILLING OF ANY INNOVILEDGE. PRES.	PRANCE L	is checked on RECT	8045
I LEGAL NOTIFICATION AND BILLING ADDRESS LOGINDINGING ECK ONE BUR NOTICATING WHICH ANGIVE ADDRESS SHOULD BE USED FOR LEGAL NOT THIS FORM HES BEEN COMPLETED LADER PENALTY OF PERJURY, AN INCREMENT OF PERSONNEL PENALTY OF PERSONNEL OCAL AGENCY USE ONLY COLINTY	on and billing will be extended and billing will be extend and billing will be extend and billing will be extended and billing will	De sent to the tank ow LENO OF ANY KNOWLEDGE PRES. FACE	MANCE MA THE MINISTRATE AND CORR DATE DUNE 11,11	is checked on RECT	80%
ECK ONE BUT PROTEST AND BILLING ADDRESS LOGIC NOTIFICATION AND BILLING ADDRESS LOGIC NOTIFICATION AND BILLING ADDRESS LOGIC NOTIFICATION OF PROTEST AND THIS FORM HES DEEN COMPLETED LANCER PEAALTY OF PERJURY, AND THIS FORM HES DEEN COMPLETED LANCER PEAALTY OF PERJURY, AND THE DEATH OF PERSONS AND COMPLETED LANCER PEAALTY OF PEAALTY OF PERSONS AND COMPLETED LANCER PEAALTY OF P	DE ECONOCIO DE LA ECONOCIO DEL ECONOCIO DE LA ECONOCIO DE LA ECONOCIO DEL ECONOCIO DE LA ECONOCIO DEL ECONOCIO DEL ECONOCIO DE LA ECONOCIO DEL ECONOCIO DEL ECONOCIO DE LA	De sent to the tank ow LENG OF ANY KNOWLEDGE PRES. FACE The contract of t	MANCE MA THE MANUAL STREET AND CORRECTIONS JUNE 11,1	is chacked in Cha	

St. 4 HT01

STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

tha as the fifther?



MARK ONLY		CONFLET	a separate fo	ORN FOR EACH TANK S	YSTEM			المجليا
ONE ITEM	1 MEW PERM 8 INTERIM PE	77	EWAL PERMIT	CHANGE OF	MEDRICATION TANK CLOSURE	7 950	ANEASTA CTO	SED OV 811
	ITY NAME WHERE TANK	IS INSTALLED: HOC	enath St	eel Compan		(23	- OBVCM3	
I. TANK DES		LETE ALL TIENS - SPECIF	/ JE LOWENSHA		4			
A OWNERS TA	WIDH OHE			1 0 111				
C DATE INSTAL	LED (MOIDAYNEAR)	1979		8 MANUFACTURED	BY UUKUO	W ~		
II. TANK CON	TENDA			E TANK CAPACITY	M GALLONS 22	000		
	TOR VEHICLE PUEL	MARKED, COMPLETE THE	IC T	<u> </u>				
2 PE	TROLEUM EM CAL PRODUCT	# OIL BO EMPTY B5 UNIXHOMS	2 40	MOJET 16	REGIZAR UNLEADED PREHAM UNLEADED HIDGRADE UNLEADED	3 DIESE. 4 GASAMI 5 JET FUE	X 7 set 2 8 set	
DIECUISHO	T MARKED BATER NAME	OF BURSTANCE STORES			JEADED .	DIS OTHER	DESCRIE A MEN	S BELOWY
III. TANK COI	NSTRUCTION M	VAX ONE ITEM ONLY IN BOX	TE & B ALT: 0			CABI		
A TYPE OF	1 DOUBLE WAL	MAK ONE MEN ONLY BY BOX	CONTRACTOR AN	DALL THAT APPLIES IN S	OX D AND B	.		
BYSTEM	SHOLE WALL	=	LE WALL WITH EX		BA OTHER	IL BLADOUR BYET	Bu □ 85	resour.
B. TANK MATERIAL	S CONCACTE		LESS STEEL	5 FIBERGLASS	- STEEL C	LAD WIFRERCH	ACE BEILINGS	
Prinary Tento	# # OHOHEE		NAX CHEOMICE	7 ALUMHUM	100 k M	ETHANOL DOMPA	THE WEAD	UPLASTIC
C PATTE OF	=		ANZED STEEL	DS UNKNOWN	A3HTQ ER			[
C. INTERIOR LINING OR	1 RUBBER UNE		1	3 ESONY UNING	- PHENOL	C LIMING		
COATING	S GLASS UNING	46.3		BS UNKNOWN	- 90 OTHER	_		ļ
D. EXTERIOR		OWPATIBLE WITH 190% W	P JOYAHTS	YES NO				
CORROSION	FOLYETHYLEN	E MAN 3 COATE	1G 1					ļ
			· 1	3 VMYL WEAP	A EMERGI			
PROTECTION	S CATHODIC PRO	TECTION DE DI MONE	· (3 ANAY MEYD		ass reinforce	PLASTIC	
PROTECTION E. SPILL AND OVE	S CATHODIC PRO	TECTION E DI MONE	NOOF	BS UNIONWH	SH OTHER	USA MALES AL	A	
PROTECTION E. SPILL AND OVE IV. PIPING INFO	S CATHODIC PRO	TECTION DE DI MONE CHIMENT DISTALLES MELIT VESNO	NOVE STRIKER PLAY	OVERFILL PREVENTION TE YES NO X	SH OTHER		0PE	X
PROTECTION E. SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE	S CATHODIC PRICE REFILL, OTC. OFFICE TUBE ORMATION CA A U 1 SUCTION	TECTION DE DI MONE L'HIMENT DISTALLES (FELS VES NO CLE A SE ABOVE GROUME	ETRICE PLA	DYERFILL PREVENTION TE YES NO X	EOUPPHENT RISTA DISPENSER	LLEG (VEAR; AV CONTINUENT V	EL M	
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE	S CATHODIC PRICE REILL, SEC. BFILL CONTR ORDOR TUBE ORMATION CA A U 1 SUCTION	PTECTION DI MONE LISMENT PISTALLIS NELT YES NO CLE A S'ABOVE GROUM A U 2 PRE	ETRIKER PLAT	OVERPLE PREVIDITION TE YES NO ME GROUND, BOTH IF APPLIC	EDUPMENT INSTA- ENSPENSER ANLE	USA MALES AL	EL M	
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE B. CONSTRUCTION C. MATERIAL AND	S CATHODIC PRICE SPELL CONTINUES OR MATION CA	PTECTION S 91 MONE LYMENT DISTALLED FIELD YES NO CLE A SE ABOVE GROUNE A U 2 PRE MALL A U 2 DO	STRICER PLA OR U IF UNDERK ESURE UBLE WALL	OVERFILL PREVENTION TE VES NO M GROUND BOTH IF APPLIC A U 3 GRANTY A U 3 ENED TRENCH	DISPENSER AND OFFE A U OFFE A U OFFE	CONTANUENT V	ONE WE	
PROTECTION E SPILL AND OVER IV. PIPING INFO A SYSTEM TYPE D. CONSTRUCTIO C MATERIAL AND GORROSPON	S CATHODIC PICE REILL, SIC. BRUL CONTINUE ORMATION CA A U 1 SUCTION N A Q 1 SPINOLE 1 A U 1 BARE STI A U 8 ALLMANUE	TECTION DI MONE TECTION DI MONE TECTION DI MONE TECTION DI MONE A U 2 PRE MALL A U 2 DO TECL A U 2 ST M A U 4 CO	ETRINER PLAN OTHER WALL UNITED WALL WALESS STEEL WANTE	OVERPLL PREVENTION TE VES NO M 3 MOUND, BOTH IF APPLIC A U 3 UNED TRENCH A U 3 MOLYVINYL CHI	DISPENSER AU OFLE AU OFLE AU OFLE AU OFLE AU OFLE	CONTAINMENT V CONTAINMENT V RUBLE PIPING & RONCHIN & FIBERGIASS	A SOURCE ME	
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION CONSTRUCTION CORROSION PROTECTION	S CATHODIC PRICE REILL, SIC BRUL CONTINUE ORMATION CA A U 1 SUCTION A U 1 SACETT A U 1 SACETT A U 2 ALUMINUM A U 6 GALVAND A U 6 GALVAND	TECTION DI MONE TECTIO	ETRINER PLAN OTHER WALL UNITED WALL WALESS STEEL WANTE	OVERFILL PREVENTION TO VES	AU S LW.	CONTANUENT OF THE PROPERTY AND THE PROPERTY AS	A SOURCE ME	
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTIO C. MATERIAL AND GORROSION PROTECTION D. LEAK DETECTION	S CATHODIC PRO REKL, OSC. BRUL CONTINUE ORMATION CA A U * SUCTION A U * SUCTION A U * SUCTION A U * SALVANITUM A U * SALVANITUM A U * SALVANITUM ON 1 SECURITUM ON 1	TECTION DI MONE TECTIO	ETRINER PLAN OR IN IN UNDERK ESUAL UNLESS STEEL WALL UNLESS STEEL WARTE THOOIC PROTECT	OVERPLE PREVENTION TE VES NO M SHOUND, BOTH IF APPLIC A U 3 ENATY A U 3 ENE TRENCH A U 3 POLYVINYL CH A U 7 STEEL W/ COAF KM A U 8 LINKO A U 10 STEEL W/ COAF KM A U 8 LINKO A U 10 STEEL W/ COAF KM A U 10 STEEL W/ COAF	AU OTHER AU OFFE AU OF	LEG (YEAR) ALL CONTRIVUENT V ENDRE PIPPE	E S OTHER STORE OF THE STORE OF	E W/RP
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTIO C. MATERIAL AND CORROSION PROTECTION D. LEAK DETECTION	S CATHODIC PRO REKL, OSC. BRUL CONTINUE ORMATION CA A U * SUCTION A U * SUCTION A U * SUCTION A U * SALVANITUM A U * SALVANITUM A U * SALVANITUM ON 1 SECURITUM ON 1	PTECTION DE 91 MONE LYMENT DISTALLED (YELL YES MO CLE A SE ABOVE GROUNE A U 2 PRE MALL A U 2 DO EEL A U 2 ST M A U 6 CO DEC STEEL A U 10 CA	ETRINER PLANDERS OF IN SE UNDERS ESURE USLE WALL UNLESS STEEL NORFTE TRODIC PROTECTI	OVERPLL PREVENTION TE VES NO M GROUND, BOTH IF APPLIC A U 3 CALATY A U 3 CHED TRENCH A U 3 POLYVINYL CHI A U 7 STEEL W/ COAT ECH A U 8 UNION	AU OTHER AU OFFE AU OF	LEG (YEAR) ALL CONTRIVUENT V ENDRE PIPPE	A SOURCE ME	E Write
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION C. MATERIAL AND GORROSON PROTECTION D. LEAK DETECTS TANK LEAK	S CATHODIC PICE RELL, SIC BRUL CONTINUE ORMATION CA A U 1 SUCTION A U 1 SALESTI A U 2 ALVANIA A U 8 GALVANIA ON 1 STORMATION DETECTION NECK	PTECTION DI NONE LIGHENT PISTALLIS (VELTI YES NO CLE A S' ABOVE GROUM A U 2 PRE NALL A W 2 DO EEL A U 8 ST. M A U 6 CO EEL A U 8 TO EEL A U 6 CO EEL A U 7 TO EEL A U 7 TO EEL A U 7 TO EEL A U 8 TO EEL A U 7 TO EEL A U 8 TO EEL A U 7 TO EEL A U 8 TO EE	ETRICE PLANDERS DOR U SF UNDERS ESURE UBLE WALL UNLESS STEEL WORTE THODIC PROTECTS 3 SEPTEMBER 5 SEPTE	OVERFILL PREVENTION TE VES NO M GROUND BOTH IF APPLIC A U 3 CALATY A U 3 CHED TRENCH A U 3 POLYVINYL CHI A U 3 STEEL W/ COAP ETA A U 3 CHED HOLYTINA LINE TO LINE HOLYTINA	AU OTHER AU OFFE AU OF	LEG (YEAR) ALL CONTRIVUENT V ENDRE PIPPE	E S OTHER STORE OF THE STORE OF	E Write
PROTECTION E SPILL AND OVER IV. PIPING INFO A SYSTEM TYPE B. CONSTRUCTION C MATERIAL AND CORROSION PROTECTION C LEAK DETECT TANK LEAK 1 VISUAL CONTINUE 7 CONTINUE	S CATHODIC PRICE RELL, SIC DROP TUBE ORMATION CA A U 1 SUCTION N A Ø 1 SPINOLE 1 A U 1 SALESTI A U 2 SALVAND ON 1 STEETHON	TECTION DI MONE L'AMENT INSTALLES (FERR YES MO CLE A S' ABOVE GADIM A U 2 PRE MALL A U 2 DO EEL A U 8 ST. M A U 6 CO DED STEEL A U 10 CA E LEM 3 LET TOPER	STRINGER PLAN OTHER WALL UNLESS STEEL WORKTE THOCKE PROTECT SOMTOMO 3 VADOZZ MONTOMO	OVERPLE PREVIDITION TE VES NO M BROWNS, BOTH IF APPLIC A U 3 WALNTY A U 3 WEVEN TRENCH A U 3 POLYVINYL CH A U 7 STEEL W/ COAP BROWNING 1 BETTER BROWNING 1 BET	AU S LAN COMPARE DISPENSER AU S LAN COMIDÉ PYCIA U COMPARE DISPENSER U COMPARE DISPENSER DISPENS	CONTANUMENT OF CONTAN	EE MC EE MC EE MC EE MC EE MOTHER EE MC EE	E WERD
PROTECTION E SPILL AND OVER IV. PIPING INFO A SYSTEM TYPE D. CONSTRUCTION C MATERIAL AND GORROSION PROTECTION D. LEAK DETECTS TANK LEAK TY YISUAL CONTINUE TY GONTINUE TY GONTI	S CATHODIC PICE REFLL, OSC. BRULL CONTY REFLL, OSC. BRULL CONTY A U 1 SALE A U 1 SALE A U 1 SALE A U 2 SALVANI A U 0 SALVANI ON 1 SECURIO DETECTION RECK. DO NG	PTECTION DI NONE L'ANNENT PISTALLES RICHT YES NO CLE A SE ABOVE GROUNG A U 2 PRE MALL A U 2 DO EEL A U 8 ET/ M A U 6 CO DEC STEEL A U 10 CA E LEAN DE STEEL A U 10 CA E LEAN DE STEEL A U 10 CA E LEAN DE STEEL A U 10 CA E MANAGE PROPRIED B BARMANEL PROPRITORY RECONCILIATION B BOR	ETRINER PLAN OR IN SE UNDERN ESURE UNLESS STEEL WORKTE THODIC PROTECTI 3 WADOZZ MODIFICATI WERLY WERLY	OVERFILL PREVENTION TE YES NO ME GROUND, BOTH IF APPLIC A U 3 GALATY A U 3 FOLYVINYL CH A U 3 POLYVINYL CH A U 3 POLYVINYL CH A U 3 POLYVINYL CH A U 3 FOLYVINYL CH A U 5 FOLYVINYL CH A U 5 FOLYVINYL CH A U 5 FOLYVINYL	AU OFFICE OF STANK	CONTANUENT V CONTANUENT V CONTANUENT V KIBLE PIPPIC & KIBLE PIPPIC	EE MC EE MC EE MC EE MC EE MOTHER EE MC EE	E WERP
PROTECTION E SPILL AND OVER EV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION C. MATERIAL AND GORROSON PROTECTION D. LEAK DETECT TANK LEAK TY CONTINUE TY	S CATHODIC PRICE REAL, SEC BROW TUBE ORMATION CA A U 1 SUCTION A U 1 SALESTI A U 2 ALVANIO ON 1 BROWNER ON 1 BROWNER ON 1 BROWNER OUB SATERIETTER OUB SATERIETER OUB SATERIE	PTECTION S 91 NONE LIMITED TO STALLED TO ST	CTRINER PLAN OR IN IF UNDERSO ESURE USLE WALL UNLESS STEEL WARTE THODIC PROTECT 3 WAPOZZE MONTONO 1 WAPOZZE MONTONO TANK GAL PAPLACE	OVERFILL PREVENTION TE VES NO M GROUND BOTH IF APPLIC A U 3 CALATY A U 3 CHED TRENCH A U 3 POLYVINYL CHI A U 3 TEEL W/COAT COAL CHILD CALCU MANIAL 1 10 MONTH MANIAL 1 10 MONTH	AU OFFICE OF STANK	CONTAINMENT V CONTAINMENT V CONTAINMENT V CONTAINMENT V KIBLE PIPPIG & KINDWN & FREEGLASS FROM METHAN SE OTHER THE PIPPIG & KINDWN MATER THE PIPPIG A THE PIPPIG	W SO OTHER PAPE NO. COMPATIES	E WERP
PROTECTION E SPILL AND OVER EV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION C. MATERIAL AND GORROSON PROTECTION D. LEAK DETECT TANK LEAK TY CONTINUE TY	S CATHODIC PICE RELL, SIC DROP TUBE ORMATION CA A U 1 SUCTION A U 1 SALE STI A U 2 ALUMINU A U 3 GALVAND ON 1 BECHARA U DETECTION RECK OURS PATERISTITIAL I URE INFORMATION AFT USED IMOTATIVES LO	PI MONE PI MON	ETRICE PLANE OF UNDERKENDE OF USE WALL UNLESS STEEL WORTE THODIC PROTECTI SOUTHWALL WORTE WORTE WORTE WORTE WORTE WORTE PARE GAL PAPLACE D QUANTITY OF	OVERFILL PREVENTION TE VES NO M GROUND BOTH IF APPLIC A U 3 CALATY A U 3 CHED TRENCH A U 3 POLYVINYL CHI A U 3 TEEL W/ COAT COA CHILD MANUAL 10 MONTH MANUAL MAN	AU OFFICE AU OFFICE BUTTON BUT	CONTANUMENT OF CONTANUENT OF CONTANUEN	W SO OTHER PAPE ROLE COMPATISH	E WIFEP
PROTECTION E SPILL AND OVER EV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION C. MATERIAL AND GORROSON PROTECTION D. LEAK DETECT TANK LEAK TY CONTINUE TY	S CATHODIC PICE RELL, SIC DROP TUBE ORMATION CA A U 1 SUCTION A U 1 SALE STI A U 2 ALUMINU A U 3 GALVAND ON 1 BECHARA U DETECTION RECK OURS PATERISTITIAL I URE INFORMATION AFT USED IMOTATIVES LO	PI MONE PI MON	STRINER PLANDERS ESTRIPER PLANDERS ESURE UNLESS STEEL VORETE THODIC PROTECT SOMMONTONIO WEEKLY PLANES PALACE DO QUANTITY OF CS REMAINING DO PERJURY	OVERPLE PREVENTION TE YES NO M SHOUND, BOTH IF APPLIC A U 3 GALATTY A U 3 DIVED TRENCH A U 3 POLYVINYL CH A U 7 STEEL W/ COAP ICH A D W LINHON WAS BELL OR CALCON MANUAL I 10 MONTH MANUAL I 10	AU OFFICE AU OFFICE BUTTON BUT	CONTANUMENT OF CONTANUENT OF CONTANUEN	W SO OTHER PAPE ROLE COMPATISH	E WIFEP
PROTECTION E SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION CONTROLOR GORROSION PROTECTION D. LEAK DETECTS TANK LEAK I VISUAL CONTROLOR I VISUAL CONTROLOR TANK CLOS THIS FORM HAR TANK ONTE	S CATHODIC PICE RELL, SIC BRUL CONTINE ORMATION CA A U 1 SUCTION A U 1 SUCTION A U 1 SALVANIA A U 8 SALVANIA ON 1 STORMATION DETECTION NECK OUS INTERESTITIAL OUS INT	TECTION DI MONE THE THE TESTALLES FEEL A U 2 PRE MALL A V 2 DO THE THE TESTALLES FEEL M A U 6 CO THE THE THE TESTAL B MANUAL BY THE TESTAL B BER N. PERMANENT CLORURE 2 ETTEMAT BUSTIN TO GNOVER PENALTY COLUMN	ETRINER PLANDERS ESURE JOSE II IF UNDERS ESURE UNLESS STEEL VORETE THODIC PROTECT SOMMONTONI WEEKLY PARE GAL PARAGE PERJURY AL DEMI EXECUTI	OVERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO SERVING AUTOMORY TO STEEL W/ COAT TO STEEL W/ CO	AU OTHER EDUSPHENT INSTA DISPENSER AU OF FLE AU OF LAN LORIDE (PYC)AU LING AU OWN AU COWN AU C	LEG (YEAR) ALL E SI OTHELE W SI OTHELE FOLIC COMPATIGN PINCE AND ON E AND COR	E WATER	
PROTECTION E. SPILL AND OVER IV. PIPING INFO A. SYSTEM TYPE D. CONSTRUCTION C. MATERIAL AND GORROSION PROTECTION D. LEAK DETECTS TANK LEAK I VISUAL CO. TANK CLOS THIS FORM HAR THE FORM	S CATHODIC PICE RELL, SIC BRUL CONTINE ORMATION CA A U 1 SUCTION A U 1 SUCTION A U 1 SALVANIA A U 8 SALVANIA ON 1 STORMATION DETECTION NECK OUS INTERESTITIAL OUS INT	TECTION DI MONE THE THE TESTALLES FEEL A U 2 PRE MALL A V 2 DO THE THE TESTALLES FEEL M A U 6 CO THE THE THE TESTAL B MANUAL BY THE TESTAL B BER N. PERMANENT CLORURE 2 ETTEMAT BUSTIN TO GNOVER PENALTY COLUMN	ETRINER PLANDERS ESURE JOSE II IF UNDERS ESURE UNLESS STEEL VORETE THODIC PROTECT SOMMONTONI WEEKLY PARE GAL PARAGE PERJURY AL DEMI EXECUTI	OVERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO SERVING AUTOMORY TO STEEL W/ COAT TO STEEL W/ CO	AU OTHER EDUSPHENT INSTA DISPENSER AU OF FLE AU OF LAN LORIDE (PYC)AU LING AU OWN AU COWN AU C	EDROTH STRUCTURE	E SI OTHELE W SI OTHELE FOLIC COMPATIGN PINCE AND ON E AND COR	E WATER
PROTECTION E. SPILL AND OVER IV. PIPING INTER A. SYSTEM TYPE B. CONSTRUCTION C. MATERIAL AND GORROSION PROTECTION D. LEAK DETECTS TANK LEAK I VIRUAL CL I VIRUAL CL TANK CLOS SETIMATED DATE THAN OWNER PROTED & BOOKER COCAL AGENCY COCAL AGENCY	S CATHODIC MICH. RELL, SIC BRUL CONTINUE ORMATION CA A U + SUCTION ON GALVAND ON GALV	THEORY DESTRUCTION OF THE PRODUCTION OF THE PROD	ETRINER PLANDERS ESURE JOSE II IF UNDERS ESURE UNLESS STEEL VORETE THODIC PROTECT SOMMONTONI WEEKLY PARE GAL PARAGE PERJURY AL DEMI EXECUTI	OVERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO SERVING AUTOMORY TO STEEL W/ COAT TO STEEL W/ CO	AU OTHER EDUSPHENT INSTA DISPENSER AU OF FLE AU OF LAN LORIDE (PYC)AU LING AU OWN AU COWN AU C	CONTANUENT OF CO	E SI OTHELE W SI OTHELE FOLIC COMPATIGN PINCE AND ON E AND COR	E WATED
PROTECTION E. SPILL AND OVER IV. PIPING INTER A. SYSTEM TYPE B. CONSTRUCTION C. MATERIAL AND GORROSION PROTECTION D. LEAK DETECTS TANK LEAK I VIRUAL CL I VIRUAL CL TANK CLOS SETIMATED DATE THIS FORM TANK TANK OWNER THE OWNER OCAL AGENCY	S CATHODIC PICE RELL, SIC BRUL CONTINE ORMATION CA A U 1 SUCTION A U 1 SUCTION A U 1 SALESTI A U 8 ALVANIAL A U 8 GALVANIA ON 1 STORMATION DETECTION MECK DUS INTERESTITIAL OUS INTERESTITIAL O	THEORY DESTRUCTION OF THE PRODUCTION OF THE PROD	SUPPLEMENT OF THE PROPERTY OF	OVERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO VERFILL PREVENTION TO SHOULD BOTH FAPPILL TO SHOULD BOTH FAPPILL TO STEEL W/ COAT TO ST	AU OTHER EDUSPHENT INSTA DISPENSER AU OF FLE AU OF LAN LORIDE (PYC)AU LING AU OWN AU COWN AU C	LEG (YEAR) ALL E SI OTHELE W SI OTHELE FOLIC COMPATIGN PINCE AND ON E AND COR	E WITEP	

SHOULT BE ACCOMPANIED BY A PLOY PLAKE BLE THIS FORM WITH THE LOCAL ABANCE BEDIEFLED. FORM E MUST BE COMPLETED FOR RETALLATIONS.

SHOULT BE ACCOMPANIED BY A PLOY PLAKE BLE THIS FORM WITH THE LOCAL ABANCE BUILDING THE UNDERGROUND STORAGE TARK REQUILITIES.

STATE OF CAUFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.	
MARK ONLY : NEW PERMIT : 1 RENEWAL PERMIT : 6 CHANGE OF INFORMATION 7 PERMANENTLY CO	OSED ON SIT
DBA OR FACILITY NAME WHERE TANK IS INSTALLED. HE Grath Street Company	
I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNIVERSAL	
A COMPLE TAM LO A	
C DATE CAPACTE BY. UNKNOWN	
II. TANK CONTENTS FALLS MARKED, COMPLETE ITEMS	
A S 1 MOTOR VEHICLE PUEL 6 DIL 8 C STREETLAN UNLEADED 3 DEELL 9 1 PRODUCT 19 MELIEM UNLEADED 4 GASANOL 72 2 C STREETLAN UNLEADED 8 JETFUEL 81	
D P (A 1) IS NOT MARKED BATER HAVE OF BUBSTANCE STORED	(MO138 G N
BI. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A B AND C AND ALL THAT APPLIES IN BOX D AND E	
A TYPE OF ! DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER A DISCOUNT A SINGLE WALL	LANON
B. TANK	
C. MTERIOR	
CORROSION . * POLYETHYLENE WRUP . 2 CONTING . 3 VEM WILD . 4 PREFAGLASS REINFORCED PLASTIC PROTECTION . 4 CATHODIC PROTECTION . 31 NONE	
N DIDINIC MICORIA THE VES NO E STRUCK PLATE VES NO DISPENSER CONTRACTOR VES	NO Y
A. BYSTEM TYPE A U. A. W. A. BONE GROUND OR U. P. UNDERGROUND SOTHE APPLICABLE	
B CONSTRUCTION ACC	Ed
C MATERIAL AND A U I BARESTEEL A U & STANLESS STEEL A U & POLYPHY CHICAGO STANLESS ST	HER
PROTECTION A U B GALVANIZED STEEL A U 10 CATHODIC PROTECTION AUTO STEEL W COATHOD COMPAT	HOLE WIFEP
D FEAT DELEGHON . ROMAN HE FAT S INC MARKET S INC MARKET S INC MARKET S INC. MARKET S	
V. TANK LEAK DETECTION	UE
BOLYORIUS BY	AMUAL TANK ESTIND OTHER
ESTIMATED DATE LAST USED MODAY/YA) 2 SSTIMATED DEMOTTED OF	
BURSTANCE REMAINING UNITARIES THAT THE THE THE THE THE THE THE THE THE TH	w 🔀
THIS FORM HAS BEEN COMPLETED UNDER BENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEGE, IS TRUE AND CO	
LOCAL AGENCY USE ONLY THE STATE LO. NUMBER IS COMPOSED OF THE FOUR MUNBER'S BELOW	
STATE I.D.# COUNTY & AURISDICTION & FACILITY & TANK &	_
MANIA ANGE	
HIS FORM BUSTON AND TO THE TO THE TO THE TOTAL TO THE TOTAL THE TO	1
HIS FORM BUST BE ACCOMPANED BY A PERMIT APPLICATION. ROW & UNIESS A CURRENT FORM & HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATION BHOULD BE ACCOMPANDED BY A PLOT PLAN. PLE THE FORM WITH THE LOCAL BOLICY BY LEND PING THE UNDERSCHARD STORAGE TAKE REGULATIONS.	IS THUS FOR

ENCROACHMENT PERMIT

CITY OF EMERYVILLE PUBLIC WORKS DEPARTMENT 2200 POWELL ST., 12TH FLR. (510) 596-4330 EMERYVILLE, CA 94608

DATE 6/18/96
PROPERTY OWNER Loretta A McGrath Family Trust
CONTACT PERSON Robert L. Thomas PHONE NO. (510) 596-2400
ADDRESS 658 Doral Drive. Danville. CA 94526
CONTRACTOR Subsurface Environmental
CONTACT PERSON Roxanne Harris PHONE NO. (415) 863-8100
ADDRESS 1796 18th St. Ste C. San Francisco. 94107 LOCATION OF WORK (INCLUDE ADDRESS AND STREET NAME AND CROSS STREETS)
MCGrath Steel
6655 Hollis Street. Emeryville, CA 94608
PLANNED DATE OF COMMENCEMENT 6/24/96 PLANNED DATE OF COMPLETION 6/31/96
DESCRIPTION OF WORK (INCLUDE AVERAGE DEPTH OF EXCAVATION, MAXIMUM DEPTH, AVERAGE WIDTH, LENGTH, AND ESTIMATED COST OF WORK)
Removal of 2 underground storage tanks
8' avg depth: 6' avg width; 11' avg length
Estimated cost: \$14,503.00
CURRENT BUSINESS LICENSE ON FILE X YES? NO?
REMARKS
NOTE: PROOF OF ADEQUATE INSURANCE MUST BE PRESENTED PRIOR TO START OF WORK OR THIS PERMIT ES VOID.
FOR Inspection upon completion of work, please call Juan Arreguin at (510) 596-6333 FOR REPUNDABLE DEPOSIT UPON ENGINEER SIGN-OFF, PLEASE CALL KATHLEEN WALLS AT (510) 596-6336. PLEASE REFER TO THE PERMIT NUMBER LISTED ABOVE. INSPECTION COMPLETED ON
REPUNDABLE DEPOSIT RETURNED ONBY
brand to: transmitta' memo 7671 est pages : la
President Title
Marin Kant

CITY OF EMERYVILLE FIRE DEPARTMENT FIRE DEPARTMENT **USE ONLY** 6303 HOLLIS STREET EMERYVILLE, CA., 94608 (PERIAIT MULIBER) (510) 596-3750 Application Received : APPLICATION AND PERMIT Date: Signed Permit Issued THIS APPLICATION IS YOUR PERIAIT WHEN PROPERLY FILLED OUT. SIGNED, VALIDATED AND FEES PAID. Date: Sianed ADDRESS 6655 Hollis Street EFD Permit Tupe(s) (see reverse) BUSINESS NAME: McGrath Steel Expiration Date : CONTACT PEFSON. Roxanne Harris TELEFHONE NUMBER . (415) 863-8100 TOTAL FEES DUE \$125. MAKE CHECK PAYABLE TO THE CITY OF EMERYVILLE. DESCRIPTION OF OPERATION: FEES ARE ESTABLISHED THRU THE Removal of 2 2000 gallon underground CITY OF EMERYVILLE MASTER FEE SCHEDULE ADOPTED JUNE 1, 1993. storage tanks by Subsurface COPY AVAILABLE ON REQUEST. Environmental Decupancy Group/Division: APPLICANT READ AND SIGN BELOW: (per UBC Table 5A) I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO OCCUPANCY TYPE: COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS THAT RELATE TO THIS PERMIT. I HEREBY AUTHORIZE REPRESENTATIVES Commercial [__] Assembly Industrial Educational OF THE CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY TO H-class VEPIFY COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT, AT Residential ANY REASONABLE TIME. Specify: _ Other Building Owner ☐ Business Operator Date of Application THIS PERMIT MUST DE AVAILABLE FOR INSPECTION AT ALL TIMES

REVOCATION OF PERMIT

THE CHIEF IS AUTHORIZED TO SUSPEND/REVOKE A PERMIT WHEN THE CHIEF HAS DETERMINED THAT SECTION 4.107, 1991 UFC HAS BEEN VIOLATED

POSTING OF PERMIT

PERMIT(S) SHALL BE KEPT ON THE PREMISES DESIGNATED AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME BY ANY PERSON(S) WHO ARE AUTHORIZED BY THE CHIEF OF THE ELIEPTYVILLE FIRE DEPARTMENT

DATE	INSPECTION NOTES/COMMENTS	INSPECTOR

tared 6/18



REGULATION 8, RULE 40 NOTIFICATION FORM

Check √ ☐ Removal or Replacement of Tanks
☐ Excavation of Contaminated Soil

SITE INFO	PRMATION
Site Address 6655 Hollis Street	
City, State Emeryville, CA	Zip 94608
Owner Name Loretta A McGrath Family Trus	
Specific location of project 2 Tanks located beneat	th sidewalk on 67th Street side
Tank Removal	Contaminated Soil Excavation
Scheduled startup date6/24/96 Vapors removed by: D Water wash	Scheduled Startup Date No
☐ Vapor freeing (CO²) ☐ Ventilation	Indicate below the method used to comply with Regulation 8, Rule 40, Section 402.4:
Indicate below if an A/C was obtained for tank replacement:	Check (√) 8-40-301 ☐ 8-40-302 ☐ (permit required) A/C or P/O #
Yes No If yes, A/C or P/O #	A/C = Authority to Construct P/O = Permit to Operate
What other public agency have you notified (e.g., Fire District, Ha	
Agency Contact	Phone # ()
BAAQMD#CONTRACTOR IN	FORMATION
Name Subsurface Environmental Corp.	Contact Roxanne Harris
Address 1796 18th St., Ste. C	Phone (415) 863-8100
City, State, Zip San Francisco. CA 94107	
CONSULTANT INFOR	MATION (if applicable)
Name	Contact
Address	Phone ()
City, State, Zip	
FOR OFFICE USE ONLY	
Date Received Fax:	Date Postmarked
Inspector No:	Date By
Update Contact Name	Date. By
Update: Contact Name	Date By

APPENDIX B

MANIFESTS

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

N	0	2	4	6	7	3
LICTOR	4ED	 				

255 Parr Boulevard • Richmond, California 94801	JOB N	
FOR: LITCHARD TANK NO. 1. 2	•	
LOCATION. DATE:	TIME:	_
EST METHOD V IAT_ GASC SIGN LOUIS INTO LAST PRODUCT	Ţ	
This is to certify that I have personally determined that this tank is in Petroleum Institute and have found the condition to be in accordance. This certificate is based on conditions existing at the time the in completed and is issued subject to compliance with all qualifications and	e with its assigned ispection herein s	designation
TANK SIZE 2000 GALLON TANK CONDITION	SAPE FOI I	
REMARKS: OMYGEN 20.9" LOWER EXPLOSIVE LIMIT LESS TELLICY ON, INC. HEREBY CERTIFIES THAT THE AFOVE NUMBER OF CUT OFFN, PROCESSED, AND THEREFORE DESTROYED AT OUR WASTE FACILITY. ERICHSON, INC. HAS THE APPROPRIATE FERMITS FOF, AND SHIPP TO US FOR PROCESSING.	CERT TANK HAS PERMITTED HAS	7 A F. DOUS
In the event of any physical or atmospheric changes affecting the gas-free conditions immediately stop all hot work and contact the undersigned. This permit is valid for changes occur.	of the above tanks, or 24 hours if no physica	if in any doubt, or atmospheric
STANDARD SAFETY DESIGNATION SAFE FOR MEN Means that in the compartment or space so designated (a) The oxyge 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within perijudgment of the Inspector, the residues are not capable of producing toxic materials while maintained as directed on the Inspector's certificate. SAFE FOR FIRE: Means that in the compartment so designated (a) The concent atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment capable of producing a higher concentration that permitted under existing atmosphand while maintained as directed on the Inspector's certificate, and further, (c) All adjustificiently to prevent the spread of fire, are satisfactorily inerted, or in the case of funccessary by the Inspector.	missable concentration under existing atmosp tration of flammable ment of the Inspector, heric conditions in the facent spaces have eithed tanks, have been training and the spaces of t	materials in the the residues are presence of fire her been cleaned eated as deemed
the unbersigned representative acknowledges receipt of this certificate and understand which was issued.	the conditions and in	mitations under
REFRESENTÁTIVE TITLE	INSPECTOR	

TITLE

INSPECTOR

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

IN.	U.	2	46	71
CUSTON	ER			
		•	4 1 1 4	1
IOD NO				

FOR: TANK NO		
LOCATION: DATE: TIME:		
TEST METHODNO. NO. GASTER CONTROL COME TO COME LAST PRODUCT		-
This is to certify that I have personally determined that this tank is in accordance Petroleum Institute and have found the condition to be in accordance with its ass This certificate is based on conditions existing at the time the inspection her completed and is issued subject to compliance with all qualifications and instructions.	signed d	designation
TANK SIZE 2 GALLON TANY CONDITION SAFE I	PT PT	rr
REMARKS: OXYGEN 20.9' LOWER EXPLOSIVE LIMIT LESS THAN 0.1' EXTORION, INC. HEREBY CERTIFIES THAT THE APOVE NUMBERED TARK CUT OFFN, PROCESSED, AND THEREFORE DESTROYER AND OUR PERMITTED VISTE FACILITY. EXTORION, INC. HAS THE APPROPRIATE PERMITS FOR. AND HA ACCI SHIFFED TO US FOR PROCESSING.	I HATA	THE TANK
In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tal immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no p changes occur.	nks, or if physical o	in any doubt, r atmospheric
STANDARD SAFETY DESIGNATION SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the 19.5 percent by volume, and that (b) Toxic materials in the atmosphere are within permissable concentudgment of the Inspector, the residues are not capable of producing toxic materials under existing while maintained as directed on the Inspector's certificate.	ntrations; a atmosphe	and (c) In the ric conditions
SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flams atmosphere is below 10 percent of the lower explosive limit, and that (b) In the judgment of the Inspect capable of producing a higher concentration that permitted under existing atmospheric conditions and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces has sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have be necessary by the Inspector	pector, the prayer ave either	e residues are esence of fire been cleaned
The undersigned representative acknowledges receipt of this certificate and understands the conditions was issued THE PROPERTY SENTATIVE INSPECTOR	s and limi	lations under

DO NOT WRITE BELOW THIS LINE.

₽	rint or type Form designed for use on elite (12-pitch) typewriter				100600		nt of Toxic Substa ocramento, Califo
	UNIFORM HAZARDOUS WASTE MANIFEST		anifest Dacumer	1 No	2. Page 1	information is not requ	n in the shaded a ired by Federal k
	3. Generator's Name and Mailing Address LOCATH A. UCLERCATH FAMILY 638 PULAL DR. DANIVILE CA. 94526	TEUST / NOWERTH S			Manifest Document		5780
	4. Generator's Phone (SO) 596-Z460 5. Transporter 1 Company Name	6 US EPA ID Number	5T- 14662	Ĺ	Fransporter's ID	ننت	1111
	FUCKSON INC. 7 Transporter 2 Company Name	CADO 0946	6392	D. Transp	ransporter's ID	107 2	35-139
				F. Transp	orter's Phone		
	9. Designated Facility Name and Site Address	10. US EPA ID Number					1. 1. 1. 1.
1	11. US DOT Description (including Proper Shipping Name, Hazari	d Class, and ID Number)	12 Con	T	13. Total	14 Unit	5–1393
	No CATA in the Face of the section		No	Туре	Quantity	W1/Vol	State 512
G E N	सक्तरहरू चंद्रा है। तह देश हैं ¹⁵ 6 .		000	· - -	04000	7	EPANOTHE State
RA	c.			1			EPA/Other
O R	u.				1 ! 1 1		State EPA/Other
	d.				<u> </u>		State
	J. Additional Descriptions for Materials Listed Above	10777 10777		K. Handli	ng Codes for Was	tes Listed Ab	
	Oty. 2 Empty Storage Tank(s 	inerted with 15	<i>-</i>	c. C	<u> </u>	b.	1,5,1
1		apacity.	ţ			<u> </u>	1 53
١.	\$5. Special Handling Instructions and Additional Information						
	15. Special Handling Instructions and Additional Information	ROXANIE HALPIS	vinning Vinnend	415) ~	393-9	343	
	16. GENERATOR'S CERTIFICATION: I hereby declare that the co	HALPIS ontents of this consignment are full	y and properties	v described	phove by proper	shipping non	ne and are classi
	16. GENERATOR'S CERTIFICATION: I hereby declare that the composed, marked, and labeled, and are in all respects in proper if I am a large quantity generator, I certify that I have a peconomically practicable and that I have selected the practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment, OR, if I am a seconomical practical threat to human health and the environment.	ontents of this consignment are full or condition for transport by highward program in place to reduce the value method of treatment, storage small quantity generator, I have not storage small quantity generator.	y and accurately ay according to blume and toxic	y described applicable ity of wast	above by proper international and a	shipping non national gov degree th	ernment regulation
V	16. GENERATOR'S CERTIFICATION: I hereby declare that the copacked, marked, and labeled, and are in all respects in proper if I am a large quantity generator, I certify that I have a peconomically practicable and that I have selected the practice threat to human health and the environment, OR, if I am a swaste management method that is available to me and that I Printed/Typed Name DENES TURESANY/	ontents of this consignment are full or condition for transport by highward program in place to reduce the value method of treatment, storage small quantity generator, I have not storage small quantity generator.	y and accurately ay according to blume and toxic	y described applicable ity of wast	above by proper international and a	shipping non national gov degree th	ove determined the present and for and select the
→	16. GENERATOR'S CERTIFICATION: I hereby declare that the copacked, marked, and labeled, and are in all respects in proper of the conomically practicable and that I have selected the practicable and that I have selected the practicable and that I have selected the practicable and the environment, OR, if I am a swaste management method that is available to me and that I Printed/Typed Name DENES TURESANY 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Printed/Typed Name	ontents of this consignment are full or condition for transport by highward or treatment, storage mall quantity generator, I have a can afford	y and accurately ay according to blume and toxic	y described applicable ity of wast	above by proper international and a	shipping nan national gov degree th minimizes to see generation	ernment regulation ove determined the present and for and select the determined the Day
TRANSPORTER	16. GENERATOR'S CERTIFICATION: I hereby declare that the compacked, marked, and labeled, and are in all respects in proper of the conomically practicable and that I have selected the practicable and that I have selected the practicable and that I have selected the practicable and the environment, OR, if I am a swaste management method that is available to me and that I Printed/Typed Name DENES TURESANY 17. Transporter 1 Acknowledgement of Receipt of Materials	ontents of this consignment are fuller condition for transport by highward of treatment, storage small quantity generator, I have no can afford	y and accurately ay according to blume and toxic	y described applicable ity of wast	above by proper international and a	shipping non national gov e degree i h in minimizes t iste generation	ove determined the present and for and select the Day Day Day
TRANSPORTUR FAC	16. GENERATOR'S CERTIFICATION: I hereby declare that the copacked, marked, and labeled, and are in all respects in proper of the conomically practicable and that I have selected the practicable and that I have selected the practicable and that I have selected the practicable and that is available to me and that I waste management method that is available to me and that I Printed/Typed Name DENES TURESANY 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Printed/Typed Name REVIAL ROBUSSAL 18. Transporter 2 Acknowledgement of Receipt of Materials	ontents of this consignment are fuller condition for transport by highward of treatment, storage small quantity generator, I have not can afford. Signature Signature	y and accurately ay according to blume and toxic	y described applicable ity of wast	above by proper international and a	shipping non national gov e degree t h in minimizes t isste generation O j	ernment regulation ove determined the present and for and select the distribution of t
A	16. GENERATOR'S CERTIFICATION: I hereby declare that the compacked, marked, and labeled, and are in all respects in proper of the conomically practicable and that I have selected the practicable to human health and the environment, OR, if I am a swaste management method that is available to me and that I printed/Typed Name Printed/Typed Name Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name 19. Discrepancy Indication Space	ontents of this consignment are fuller condition for transport by highward of treatment, storage small quantity generator, I have a con afford. Signature Signature Signature	y and accurately ay according to oblume and toxics, or disposal conde a good for the second s	y described applicable applicable at your first and artently are aith effort to the artently are as the effort to the artently are as the effort to the effo	above by proper international and in eigenerated to the iilable to me which o minimize my wa	shipping non national gov e degree t h in minimizes t isste generation O j	ernment regulation ove determined the present and for and select the distribution of t



*Operator's * Name & Title.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and I

No. 712822

ction I. GENERATOR Gene	
Reperator Name: McGrath Steel b	Generating Location: Same as A
Addressdf hullis Spreatd	Address .
	, Address;
Phone No.: (510) 834-5082 f.	Phone No.:
wher of the generating facility differs from the generator, provide:	
Owner's Name: h	Owner's Phone No.:
DEL WASTE CODE	TYPE DM - METAL DRUM
OF WASTE CODE CA 4 0 5 0 7 1 7 9 6	0 0 3 7 Containers DP - PLASTIC DRUM DP - PLASTIC DRUM B - BAG
Description of Waste: Gascline Contaminated	L Quantity Units No. TYPE BA - 6 MIL. PLASTIC BAG
soil *	T -TRUCK
ENERATOR'S CERTIFICATION: I hereby certify that the above named material is	not's hazaldhus weeks as defined by 40 CFR Part 281 UNITS
r any applicable state law, has been properly described, classified and packaged, ar	nd is in proper condition for transportation appearing to D . Dru (ALP)S .
opilicable regulations; AND, if the waste is a treatment residue of a previously research treatment residue of a previously research in accordance with	the requirements of 40 CFR Part 268 and is no longer 1 M* - CUBIC METERS
hazardous waste as defined by 40 CFR Part 261.	YF - CUBIC YARDS
CAVULUKAN NOWWILLIAM	21 07/18/9/0
enerator Authorized Agent Name Signature	Shipment Date
ion II	CONTRACTOR OF THE PROPERTY OF
TRANSPORTER I	TRANSPORTER II
lame: Kosers Eg	h. Name:
ddress: 54 Tranforan	i. Address:
river Name/Title: KE-9C1 + LAWKIESS.	
DRINT/TYPE	J. Driver Neme (Title)
hone No.:	. k. Phone No.:
ehicle License No./State: 9A46481	m. Vehicle License No./State:
cknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
Kuss /d 071996	
over Signajure Shipment Qate	Driver Rignature States
tion III	
ite Name: Vasco Rd., Livermore	_ c. Phone No.:
hysical Address:	d. Mailing Address:
***************************************	24.63
	rue li.
screpancy Indication Space:	
hereby certify that the above named material has been accepted and to	The best of my knowledge the foregoing is true and accurate.
Med	a D1997
arne of Authorized Agent Signature	Receipt Date
tion IV ASBESTOS (Generally from	
perator's Name:	
	b. Operator's* Phone No.:
perator's Address:	
pecial Handling Instructions and additional Information:	
RATOR'S CERTIFICATION: I hereby declare that the contents of this consignm	ent are fully and accurately described above by proper shipping name and are classified
ed, marked, and labeled, and are in all respects in proper condition for transport b	y highway according to applicable international and government regulations.



OPERATORIO CENTICICATION: 1 hazen

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.

If waste is NOT aspestos waste, complete any Sections I, II and III

No. 712926

Section I.		CANAGE TO STATE	Company and account to the title in.	
a. Generator Name:::CCY	ath Steel	b	Generating Localidate Same	
	Hollis Street	, ,	Address	
	villu. CA 94608	,		MATTER A STATE OF THE STATE OF
e. Phone No.:		4-2-1	Phone No.	The second secon
if owner of the generating facili	ity differs from the generator, p	rovide:		
g. Owner's Name:		h.	Owners Phone No.	
i. BFI WASTE CODE	A 4 PO 5 0 7	1796	一种的 对。	
<u>L</u> 	lesel Contaminati	المحود البينيست مسط		
J. Description of Waste.		4 4 4 4 4 4	Line No.	PLASTIC BAG
Soil			图 10 10 10 10 10 10 10 10 10 10 10 10 10	
or any applicable state law, has be applicable regulations; AND, if the	seen properly described, classified a that the waste has been treated in	scourgerds minist a binaloner, tests fug backaded and		reling to happens of the second of the secon
Generator Authorized Agent Nam	ne Signature		Shipman Spire	
Section II		Bear High		S. S
TR	ANSPORTER I		A SA SA SA STORY	
a. Name:	A PART ELVIS		I New	
b. Address:	44 79	- 	I. Address:	
c. Driver Name/Title:	PRINT/TYPE	24,00	L. Daves Name / Title:	
d. Phone No.:	e, Truck No.:	7.	k. Phone No.:	I. Truck No:
 Vehicle License No./State: _ Acknowledgement of Rec 			m. Vehicle License No./State:	Af Materiale
Verifortandoment of USC	orpr of materials.	احتما	Acknowledgement of Receipt of	Wiles III C. I. I.
9. Driver Signature	Shior	meni Dale	n. Driver Signature	Shigment Date
Section III	DESTINATION		mental and the second second second second	The state of the s
a. Site Name: Vasco	Rd., Livermore	A STATE OF THE STA	c. Phone No.:	
b. Physical Address:			d. Mailing Address:	
e. Discrepancy Indication Space I hereby certify that the above		cepted and to the	ne best of my knowledge the foregoing	is true and accurate.
Name of Authorized Agent	Signature		Receipt Date	Take the
Section IV	ASBESTOS			x x x 3 m / x x x x x x x x x x x x x x x x x x
a. Operator's* Name:		and the second	b. Operator's Phone No.:	and the second s
: Operator's * Address:			The state of the s	
d. Special Handling Instructions	and additional information:			



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.

If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 712823

Section I.	AND THE RESERVE THE PROPERTY OF THE PROPERTY O	
a. Generator Name: McGrathhSteol	b. Generating Location: Salate AS A	
c. Address: 5055 Hollis Street	d. Address:	
Jaseyville, CA 94608		
	1. Phone No.:	
If owner of the generating facility differs from the generator, provide:	- 1 - Control (1971)	
g. Owner's Name:	h. Owner's Phone No.:	,
		DM - METAL DRUM
i. BFI WASTE CODE C A 4 0 5 0 7 1 7 9	6 0 0 0 3 7 Containers	DP - PLASTIC DRUM
j. Description of Waste: Cascline Contaminated	k Quantity Units No. TYPE	BA - 6 MIL. PLASTIC BAG
Soil Soil		TY TRUCK
GENERATOR'S CERTIFICATION: I hereby certify that the above named material	is not a hazardous waste as defined by 40 CSR Fed 361	UNITS
or any applicable state law, has been properly described, classified and packaged	, and is it amoun condition for transportation according to	P POUNDS
applicable regulations; AND, if the weste is a treatment residue of a previously Restrictions, I certify and warrant that the waste has been treated in eccordance as a hazardous waste as defined by 40 CFR Part 261.	with the requirements of 40 CPR Part 265 and is an longer	M. CURIC METERS
· · · · · · · · · · · · · · · · · · ·		O · OTHER
Generator Authorized Agent Name Signature	Shipment Daja	
Section II	And the second s	
TRANSPORTER	TRANSPORTE	I I
a. Name: SIL COE ENVIRONMENTAL	b. Name:	
b. Address: 1990 18th St	L Address:	
C. Driver Name/Title	I Debug Mame/Title: 3: 3 As 136	
d. Phone No.:	k. Phone No.:	L Truck No.:
		A STATE OF THE STA
f. Vehicle License No./State: Acknowledgement of Receipt of Materials.	m. Vehicle License No. (State:	W. Caller Market
11/1/4		78 P. 18 11 1
Driver Signature Selection 1999	Application of the second of t	Columns Date
Section III	And the second of the second o	
a. Site Name: VagsoCRG., Livermore	S Bloom No.	Assert Control of the
b. Physical Address:	d. Malling Address:	
- Disconnect Induction Copper		
e. Discrepancy Indication Space: I hereby certify that the above named material has been accepted and	to the best of my knowledge the foregoing is true	and accurate
The state of the s		the with a
1.		
Name of Authorized Agent Signature	Receipt Date	
Odding .	And the second s	
a. Operator's Name:	b. Operator's Phone No.:	
c. Operator's* Address:		
d. Special Handling Instructions and additional information:		

APPENDIX C

LABORATORY REPORTS

SOIL SAMPLE ANALYTICAL RESULTS

TABLE 1

Sample Number	TPH(g)	TPH(d)	MTBE	В	T	E	x	Lead
Date and Location								:
								:
001-T1 - 7/3/96 east bottom deisel tank 8 feet 6 inches bgs	N/A	340	N/A	4.6	33	30	170	N/Å
002-T1 - 7/3/96 west sidewall deisel tank 8 feet bgs	N/A	140	N/A	0.1	0.012	0.073	0.73	N/A
003-T2 - 7/3/96 west bottom gasoline tank 9 feet bgs	710	N/A	9.7	1.5	0.52	8.7	11	0.43
004-T2 - 7/3/96 east bottom gasoline tank 9 feet bgs	1300	N/A	35	15	3.5	30	72	0.32
005-SP1 - 7/3/96 stockpile deisel tank	N/A	320	ND	ND	ND	ND	0.044	N/A
006-SP2 - 7/3/96 stockpile gasoline tank	260	N/A	4.7	0.24	2.4	1.2	19	0.25

SOIL SAMPLE ANALYTICAL RESULTS

TABLE 2

Sample Number	TPH(g)	TPH(d)	MTBE	В	T	E	x
Date and Location							
007-T2 - 7/11/96 north sidewall gasoline tank pit 9 feet 5 inches bgs	450	N/A	27	2.1	22	12	71
008-T2 - 7/11/96 east sidewall gasoline tank pit 9 feet 5 inches bgs	49	N/A	9.1	2.1	0.19	1.1	14
009-T2 - 7/11/96 south sidewall gasoline tank pit 11 feet bgs	19	N/A	12	2.5	0.041	0.66	0.069
010-T2 - 7/11/96 west sidewall gasoline tank pit 10 feet 1 inch bgs	37	N/A	71	3.3	3.7	2.1	4.1
011-T2 - 7/11/96 floor, gasoline tank pit 12 feet bgs	15	N/A	17	0.85	0.4	0.57	0.74
012-T1 - 7/11/96 north sidewall deisel tank pit 9 feet bgs	N/A	16	N/A	0.23	0.21	0.49	2.4
013-T1 - 7/11/96 west sidewall deisel tank pit 10 feet bgs	N/A	400	N/A	0.1	0.98	4	23
014-T1 - 7/11/96 east sidewall deisel tank pit 10 bgs	N/A	15	N/A	0.87	1.7	0.83	4.6
015-T1 - 7/11/96 floor,deisel tank pit 12 feet bgs	N/A	340	N/A	0.14	0.64	1.9	11
016-T1 - 7/11/96 south sidewall deisel tank pit 10 feet 6 inches bgs	N/A	870	N/A	3.2	9.6	23	13

07/10/96

Dear Roxanne:

Enclosed are:

- 1). the results of 6 samples from your # 960241; McGrath Steel Co. project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Cel Mil

Edward Hamilton, Lab Director

Subsurface Environmental		1	Client Projec Co.	Date Sampled: 07/03/96					
1796 18th	Street, Suite C			Date Received: 07/03/96					
San Franci	isco, CA 94107	C	Client Contac	t: Roxanne	Harris		Date Extra	cted: 07/0	3/96
		(Client P.O:	Date Anal	yzed: 07/03	3-07/04/96			
Gasolii EPA method	ne Range (C6-C ls 5030, modified 80	12) Vol:	atile Hydroca)20 or 602, Califo	rbons as C ornia RWQC	Gasoline*, v B (SF Bay Re	vith Methy	tert-Butyl	Ether* &	BTEX*
Lab ID	Client ID	Matrix		мтве	Benzene	Toluene	Ethylben- zene	Xylenes	% Rec. Surrogat
66553	001-T1	S			4.6	33	30	170	99
66554	002-T1	S			0.10	0.012	0.073	0.73	99
6 6555	003-T2	S	710,b,d	9.7	1.5	0.52	8.7	11	105
66556	004-T2	S	1300,a	35	15	3.5	30	72	98
66557	005-SP1	S			ND	ND	ND	0.044	99
66558	006-SP2	S	260,b,d	4.7	0.24	2.4	1.2	19	98
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit S		w	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		s	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

^{*} water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP extracts in mg/L

^{*}cluttered chromatogram; sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant (aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern

Subsurface En		Client Proje	ect ID: # 960241; McGrath Steel	Date Sampled: 07/03/96								
1796 18th Stre	eet, Suite C	CU.		Date Received: 07/03/96								
San Francisco	, CA 94107	Client Cont	act: Roxanne Harris	Date Extracted:	07/03/96							
		Client P.O:		Date Analyzed:	07/03/96							
EPA methods me	Diesel Rodified 8015, and 3550 o	ange (C10-C or 3510, Californ	23) Extractable Hydrocarbons as nia RWQCB (SF Bay Region) method GC	Discol #								
Lab ID	Client ID	Matrix	TPH(d) ⁺		% Recovery Surrogate							
66553	001-T1	S	340,d,b		100							
66554	002-T1	S	140,a		105							
66557	005-SP1	s	320,a		103							
					!							
-					!							
					ļ							
		1										
					!							
					_							
					1							
					1							
					-							
wise stated:]	imit unless other- ND means not de-	W	50 ug/L									
tected above	the reporting limit	s										

^{*} water samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP and STLC extracts in mg/L

[&]quot; cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

Subsurface Environmental 1796 18th Street, Suite C		Client Pr	oject ID: # 96	60241; McGrath Steel	Date Sample	ed: 07/03/96							
1796 18th Str	eet, Suite C	Co.			Date Received: 07/03/96								
San Francisco	o, CA 94107	Client Co	ontact: Roxann	ne Harris	Date Extrac	ted: 07/03-07/05/96							
		Client P.	D:		Date Analyz	ed: 07/05/96							
EPA analytical r	nethods 6010/200.7, 239.	2 ⁺	Lea										
Lab ID	Client ID	Matrix	Extraction ⁰	Lead	*	% Recovery Surrogate							
66555	003-T2	s	STLC	0.43		NA							
66556	004-T2	S	STLC	0.32		NA							
66558	006-SP2	S	STLC	0.25		NA							
		<u> </u>											
	it unless otherwise stated		TTLC	3.0 mg	/kg								
	orting limit	w	TTLC	0 005 m	ng/L								
			STLC,TCLP	0.2 mg	z/L								

soil and sludge samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

Lead is analysed using EPA method 6010 (ICP) for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

EPA extraction methods 1311(TCLP), 3010/3020(water, TTLC), 3040(organic matrices, TTLC), 3050(solids, TTLC), STLC from CA Title

surrogate diluted out of range, N/A means surrogate not applicable to this analysis

a reporting limit raised due matrix interference

i) liquid sample that contains greater than ~ 2 vol. % sediment, this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations

CHAIN OF CUSTODY RECORD

SUBSURFACE ENVIRONMENTAL CORP.

1796 18th Street, Suite C San Francisco, CA 94107 Tele: (415)863-8100 Fax: (415)863-8156

1 616: (41	. 001 0-0 200	•	•	-												NAL.	YSIS	REC	XUES	T	
	Loretta A 658 Don 0586-240 MEGRATA 96020	al Drum DO F. Steel Co	2 Dai 18: 10. (da5	e He	lec llist	·A.	<u>9</u> 4, -	<i>15</i> 2		યુલ	A	Sa Si	IRN AROUND TIME: _24 Hours	-		\$ Gress	Hydrocarbons OS Cacallan			5.0	
Laboratory	Sample	San	npling] È	Ę	T	Ma	trix			elix serv			-	-	18 E	ĮĘ	ł)-	
Number	ID Number	Date	Time	# of Containers	Type Contai	Water	Soil	Studge	other O				FIELD REMARKS:	BTEX	TPH as Diesel	Total Petroleum	Total Petrole	Lead ST.C	RCI	Other: 1/7	
	001-71	7-3-96	12:05	1	67		X					γ	East End Tank 1 at 81/2 Feet	X	×						66553
	002-TI	7.3.94	12:10	1	131		X					×		X	1.0						_66554
i	003-TZ	1			BT		a					4		y			X	X		X	6655!
	COY-T2	7-3.96	12:49	1	BT		d				ļ	N	East End tank 2 at 9	X			X	X	\neg	X.	66556
	005-SP1	7-3-96	1:05	4	BT		y)				- 1	0	4 Bunt Stock Pile Material From Tank 1	X	χ						
	006-SP2	7-3-94	1:15	4	BT	,	اه				1	A	4 Point Stock Pile Molana (From Tank 2	1 .			x ·	M	T	X	66557
	\circ						T		T	1	T	T						1	7		66558
UNOUISHE	BY COS	Date 7-3-94 Date 7-3-96 Date	Time o.22	REC	ENED NOW!	BY:				ier Z	<i>Z</i>	// - - - - - - - - - - - - - - - - - -	NOTES: ICE/T PRESIDENT FORD-DENDITION APPROPRIA IL AD SPACE ABSENT CONTAINER	₩E	us j	1		,	<u></u>		

07/19/96

Dear Roxanne:

Enclosed are:

- 1). the results of 10 samples from your McGrath Steel, 6655 Hollis St. project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

	e Environmenta	1	Client Projec St.	ID: McGi	Date Sampled: 07/11/96										
1796 18th	Street, Suite C						Date Received: 07/12/96								
San Franc	isco, CA 94107	(Client Contac	t: Roxanne	e Harris		Date Extracted: 07/12/96								
	•		Client P.O:				Date Analyzed: 07/12-07/13/96								
Gasolii EPA method	ne Range (C6-C	C12) Vol.	atile Hydroca 220 or 602; Calif	t rbons as (ornia RWQC	i tert-Butyl	Ether* &	BTEX*								
Lab ID	Client ID	Matrix		МТВЕ	Benzene	Toluene	Ethylben- zene	Xylenes	% Rec. Surrogate						
66752	007-T2	S	450,a	27	2.1	22	12	71	98						
66753	008-T2	S	49.j	9.1	2.1	0.19	1.1	1.4	100						
66754	009-T2	S	19,a	12	2.5	0.041	0.66	0,069	104						
66755	010-T2	S	37,a	71	. 3.3	3.7	2.1	4.1	103						
66756	011-T2	s	15,a	17	0.85	0.40	0.57	0.74	98						
66757	012 - T1	S			0.23	0.21	0.49	2.4	99						
66758	013-T1	S		****	0.10	0.98	4.0	23	95						
66759	014-T1	S			0.87	1.7	0.83	4.6	100						
66760	015-T1	s		***	0.14	0.64	1.9	11	92						
66761	016-T1	S			3.2	9,6	23	130	96						
								· · · · · · · · · · · · · · · · · · ·							
otherwise	Limit unless e stated; ND	w	50 ug/L	5.0	0.5	0.5	0.5	0.5	1						
means n	ot detected reporting limit	s	1.0 mg/kg	0.05	0.005	0.005	0.005	1 1 1							

^{*} water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP extracts in mg/L

[#]cluttered chromatogram; sample peak coelutes with surrogate peak

⁺ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622

		Client Proj St.	ect ID: McGrath Steel, 6655 Hollis	Date Sampled: 07	mpled: 07/11/96							
1796 18th Str	cet, suite C			Date Received: 0								
San Francisco	o, CA 94107	Client Con	tact: Roxanne Harris	Date Extracted: (07/12/9	5						
		Client P.O		Date Analyzed: 0	7/12/96	 _						
EPA methods m	Diesel Ra nodified 8015, and 3550 or	inge (C10-0 3510; Califor	C23) Extractable Hydrocarbons as I	Diesel * ID(3550) or GCFID((3510)							
Lab ID	Client ID	Matrix	TPH(d) ⁺		% Re	covery ogate						
66757	012-T1	S	16,d,a		9	8						
66758	013-T1	S	400,a		10	05						
66759	014-T1	S	15,d,a		9	9						
66760	015-T1	s	340,a,d		10)1						
66761	016-T1	s	870,d,a		10)1						
					!							
	<u>. </u>											
-		<u> </u>										
Reporting I	imit unless other- ND means not de-	W	50 ug/L									
tected above	the reporting limit	s	1.0 mg/kg									

^{*} water samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP and STLC extracts in mg/L

[&]quot;cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

QC REPORT FOR HYDROCARBON ANALYSES

Date:

07/11/96-07/12/96 Matrix: Soil

4	ration	(mg/kg)		% Reco	very	
(#66181)	MS	MSD	Amount Spiked	MS	MSD	RPD
0.000	1.959	1.958	2.03	97	. 06	
0.000	0.198	0.208	0.2	= -		0, 1 4, 9
0.000	0.196	0.206	0.2			5.0
0.000	0.202	0.206	0.2	101		2.0
0.000	0.594	0.614	0.6	99	102	3.3
0	294	293	300	98	98	0.2
0.0	23.7	23.3	20.8	114	112	1.7
	Sample (#66181) 0.000 0.000 0.000 0.000 0.000	Sample (#66181) MS 0.000 1.959 0.000 0.196 0.000 0.202 0.000 0.594	Sample (#66181) MS MSD 0.000 1.959 1.958 0.000 0.198 0.208 0.000 0.196 0.206 0.000 0.202 0.206 0.000 0.594 0.614	Sample	Sample	Sample

% Rec. - (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) \times 2 \times 100

TOTAL P.01

TANK SOLUTIONS/SUBSURFACE

SUBSURFACE ENVIRONMENTAL CORP.

1796 18th Street, Suite C San Francisco, CA 94107 Tele: (415)863-8100 Fax: (415)863-8156

CHAIN OF CUSTODY RECOR

•		- 47. (220			1							.		A)	WLY	'SIS I	REO	UEST	<u> </u>	_
Owner: Address Phn:	MCGr.		tee				- : -				3:	empler: Roxanne Harris empler gnature	-							
Project and Bill To:	:	HOISI +face		ree	<u>t</u>		- - -				71	JRN AROUND TIME: Standard	,		L Grease	drocarbons	1			
Laboratory Number	Sample ID Number	San	Time	Continues	Containers	1	Mai	irix	P	Mel	rvad	FIELD	643011	S Diesel	Petroleum Oil	Petroleum Hy	SHC B		MTBE	66752
				0	\$		ŝ	25	ž Ž	¥	W	REMARKS:	BTEX	TPH.	Total	Total	E	짍	Other	66753
·	007-72	7-11-96	10:3/	1	BT		1				-	Gasoline Tank Pit North sidewall @ 9.5" bgs.	1						V	66754
	008-T2	7-11-96	10:36	1	BT		1				-	East sidewall @ 9'6" bgs.	V						~	66755
	009-72	7 11-96	10:40	1	87		4			Γ.	-	southside wall@11' bas.	V						V	66756
	010-T2	1-11-96	10:42	1	BT		4	1			-	Gasoline Tank Pit West sidewall @ 10'1" has	~			1			ノ	The state of the s
	011-72	7-11-96	10:45	1	BI		4				-	Gasoline Tank Pit Floor @ 12' bgs,	V						J	66757
	012-T1	7-11-96	10:51	1	BT	;	7				2	poset tank Pit north sidewall @ 9' bgs.		7	7	1	7			66758
I	013-T1	7-11-96		1/2	PI		1					Diesel Tank Pit West Sidewall @ 101 bgs.		V		,	7	1	\neg	
EKINOUISHE WINDUISHE	12		3:55	REC	ENE	D BY	u,	m	oe.	R	_	NOTES:	MAG	Iner	1 1 1 1		3805		7	
ENOUISME	DBY:	Oale Oale Vistale	Time	FES	ي EVEC	BY:			A X		•	GOOD CONDITION APPROPRIATE HEAD SPACE ABSENT CONTAINERS	OS,	Volt	1 M	HAL	10			

ANALYSIS REQUEST

SUBSURFACE ENVIRONMENTAL CORP.

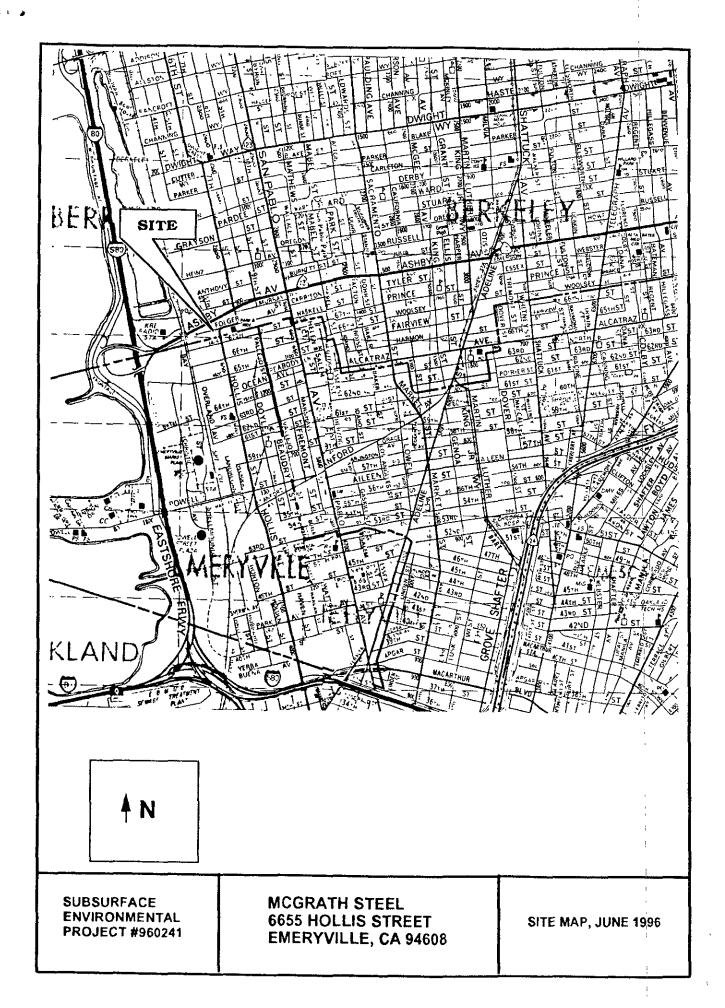
1796 18th Street, Suite C San Francisco, CA 94107 Tele: (415)863-8100 Fax: (415)863-8156

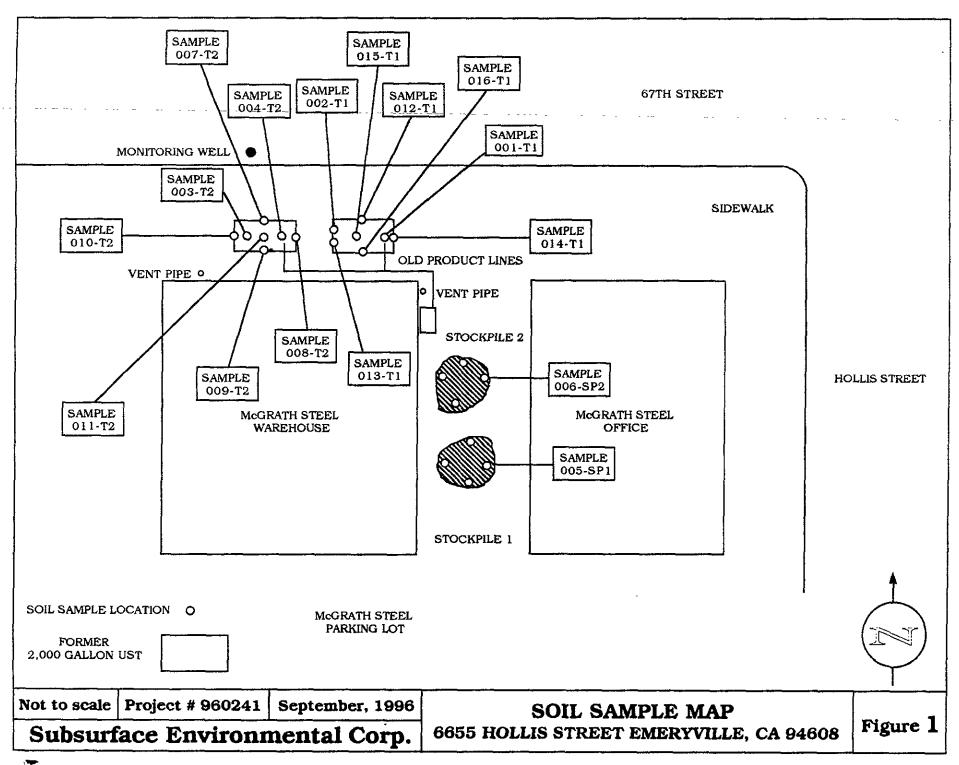
CHAIN OF CUSTODY RECORD

Address: Phn: Project Location:	McGrat G653	F• Hə1lis	x:				 				5	Sac Siç	mpler: ROXANNE Harris mpler mature: Standard RN AROUND TIME: Standard			Of & Grease	lotal Petroleum Hydrocarbons	TEX			
Leboratory Number	Sample ID Number	San	npling Time	Containers	(einers	T	Mai	rix	F		thoo				kesel	oleum Oi	oleum Hy	9			
	, o manda			# of Cont	Type Containers	Water	Soil	Sludge		NO.	, y	2	FIELD REMARKS:	BTEX	TPH as Diesel	Total Petroleum	Total Petr	tend SR.6	PCI	Other:	
	014-71	7-11-76	11:00	1	Bĩ	1	7						Mesel Tank Pit East' sidewall @ 10' bgs.								
	015-T1	7-11-96	11:02	1	BT		4			T	Ţ.	7	Missel Tank Pit Floor @ 12' bgs.		~			~			
	016-T1	7-11-96	11:06	1	BT		1				Ŀ	1	Preser Tank fit South Sidewall @ 1016" bgs.		~						
								+	-	-	_	+					_	70 mm 200	unio.	67	759
						$\mid - \mid$	+	+	+	-	-	+			\dashv				6	67	60
					5		+	+	╁	-	 -	+		-		+	-	-culture a	6	67	61
EUNQUISHE EKINOUISHE Ryana	nout	7-12-94	Time 3:55 Time # 300#	REC PLS	EVED EVED NEVED	BY:		no Ho	ec	<u></u>			NOTES:	D&G J	METAL	Sion	<u></u>	-		1	ــــــــــــــــــــــــــــــــــــــ
EXINOUISHEI Kontt	Mer:	7/12/96		REC	Peu	BY:	- <u> </u>	0	ía				GOOD CONDITION APPROPRIATE HEAD SPACE ABSENT CONTAINERS	***	-	,- -					

APPENDIX D

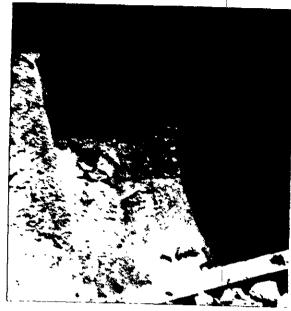
PHOTOGRAPHS & MAPS







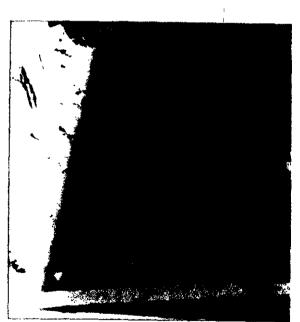
TENK#1



Tankal Excuston me broth Stock



Tonke 2 Gas Me Greth Gel



Tank of 2 Expulsion
MGnoth Steel