

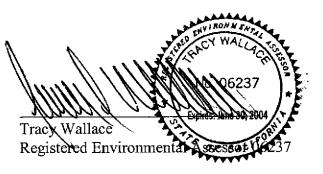
Alameda Confedence (1980)

# TANK CLOSURE REPORT

7000 Del Valle Road Livermore, California 94550 Job No. 8445 January 15, 2004

# Prepared For:

East Bay Regional Park District c/o Stephen Gehrett, Equiptment Manager 2501 Grizzly Peak Blvd. Orinda, CA 94563



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## **COVER SHEET**

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#### 1. SITE LOCATION

The subject commercial property is located at 7000 Del Valle Road, just west of the parking lot of the boat facility of the East Bay Regional Park in Livermore, California. Figure 1 attached shows the general site vicinity. The approximate location of the tank as well as nearby streets is shown on the attached Figure 2. Photographs of the tank removal activities are shown on the attached Figure 3.

#### 2. SITE HISTORY

One underground, gasoline storage tank was located beneath the dispenser shed in the park service yard facility at the end of Del Valle Road. The tank had a capacity of approximately 550 gallons, measuring about 6 feet long by 4 feet in diameter, and was constructed of steel. The fill port was located on the center of the tank. The age of the tank is unknown but is believed to be between 10 and 20 years old. The tank was being operated by the East Bay Regional Park District as gasoline supply for the recreational facility located to the east of the service yard.

#### 3. TANK REMOVAL

Golden Gate Tank Removal, Inc. (GGTR) applied for and obtained permits from Alameda County Health Care Services Agency, the Bay Area Air Quality Management District, the Alameda County Fire Department and OSHA. All site work was performed in accordance with state and local regulations.

In January 2004, GGTR mobilized its equipment and began work on the project. The concrete covering the tank and associated product piping was removed and disposed of at a local recycler. The overburden soil covering the tank was removed and placed in a covered stockpile adjacent to the tank excavation, within the property line of the Del Valle Road facility. Measurements indicated the bottom of the tank to be 9 feet below the street elevation. The subsurface product piping extending between the top of the tank and the foundation of the exterior building structure was cut at each end, drained of any residual product, and removed from the excavation area. The subsurface piping remaining in place was filled with concrete and capped.

On January 8, 2004, upon the approval of Mr. Robert Weston of the Alameda County Health Care Services Agency, GGTR removed the tank from the excavation. After a visual inspection, the tank was then loaded onto a flatbed truck and transported to Ecology Control Ind. under Uniform Hazardous Waste Manifest No. 22800072. Copies of the Certificate of Disposal, and the waste manifest are attached.

#### 4. TANK AND SOIL CONDITION

The tank was found to be in good condition with no visible holes. No soil discoloration was observed in the tank overburden soil or soil underlying the tank No hydrocarbon odors were noted in the overburden soil or soil underlying the tank. The overburden soil and the soil underlying the tank was predominantly clay and rock. There was no groundwater observed in the excavation.

#### 5. TANK REMOVAL SAMPLING

Immediately following tank removal activities, under the direction Mr. Weston, GGTR collected one soil sample from beneath the former tank and two soil samples from beneath the former dispenser. Soil sample 8445-CTR was collected from the center of the former tank at approximately 12 feet below the overlying surface. Soil sample 8445-D[2'] was collected from the east end of the tank excavation, beneath the west end of the former dispenser, approximately 2 feet below the overlying surface. Soil sample 8445-D2[2'] was collected from the east end of the tank excavation, beneath the east end of the former dispenser, approximately 2 feet below the overlying surface. In addition, GGTR collected one four-point composite soil sample from the soil stockpile containing the overburden soil. The composite stockpile sample was labeled 8445-SP. All sample locations are shown on the attached Figure 2. All samples were transported to North State Environmental Analytical Laboratory (CA ELAP # 1735) under formal chain-of-custody protocol for the required analyses.

#### 6. TANK REMOVAL SAMPLE RESULTS

The tank excavation and stockpile composite soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Gasoline (TPH-G; EPA Method SW8020F), Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX; EPA Methods 5030/8020F), Methyl Tertiary-Butyl Ether (MTBE; EPA Methods 5030/8020F), and Total Lead (SW6010B ICAP). The samples were additionally analyzed for Volatile Organics (VOC; EPA Method 8260) and for Total Lead (SW6010B ICAP). Table 1, presented below, summarizes the analytical results for the tank removal samples. "ND" indicates Non-Detectable results. The results are also tabulated on the attached San Francisco Soil/Groundwater Sampling Data Form. A copy of the laboratory certificate of analysis and chain of custody form is attached.

TABLE 1
TANK REMOVAL SAMPLE RESULTS

SAMPLE	TPH-G (ppm)	Benzene (ppm)	1911/1917	Ethylbenzene (ppm)	ASSESSMENT PROCESSION AND ADMINISTRATION OF THE PARTY OF	MTBE (ppm)	Lead (ppm)
8445-SP (overburden stockpile)	ND	ND	ND	ND	ND	ND	10.3
8445- CTR[12'] (excavation)	ND	ND	ND	ND	ND	0.014	9.0
8445-D[2'] (excavation)	ND	ND	ND	ND	ND	ND	9.39
8445-D2[2'] (excavation)	1.820	ND	ND	ND	0.012	ND	12.2

Note: ppm - parts per million [equivalent to milligrams per kilogram]
Samples additionally analyzed for VOCs; all concentrations not reported ND

#### 7. SITE RESTORATION

By January 10, 2004, GGTR backfilled the excavation with the stockpiled overburden soil and clean imported soil. The excavation backfill soil was subsequently compacted and the area was restored according to the East Bay Regional Park District's requirements.

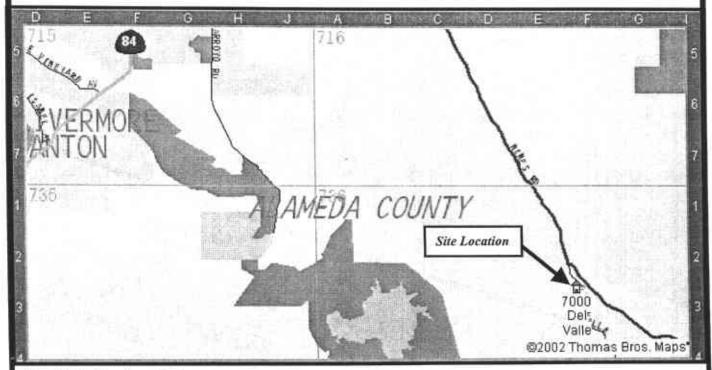
## 8. FINDINGS / RECOMMENDATION

There were no visible holes in the tank. There was no visual evidence of contamination in the soil underlying the tank. Groundwater was not noted during the tank removal or sampling activities. The analytical results from the State Certified Laboratory following the tank removal showed levels of total petroleum hydrocarbons as diesel, gasoline and BTEX below the Action Level for residential gasoline tanks. Therefore, it is the recommendation of Golden Gate Tank Removal, Inc. that no further action be taken and the site be closed by the Alameda County Health Care Services Agency.

## **ATTACHMENTS**

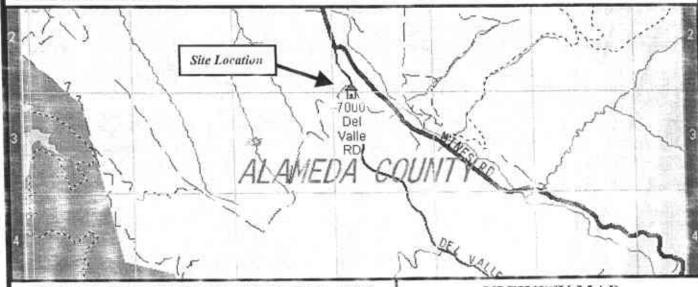
VICINITY MAP, SITE PLAN, PHOTOGRAPHS
ANALYTICAL REPORT, CHAIN OF CUSTODY FORM
UST CLOSURE INSPECTION RECORDS
CERTIFICATE OF TANK DISPOSAL
PERMITS
WASTE MANIFEST





Top: site location from city view

Bottom: site location street view



# GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street San Francisco, California 94107-1010 Telephone (415) 512 1555 Fax (415) 512 0964 VICINITY MAP 7000 Del Valle Road Livermore, California 94550

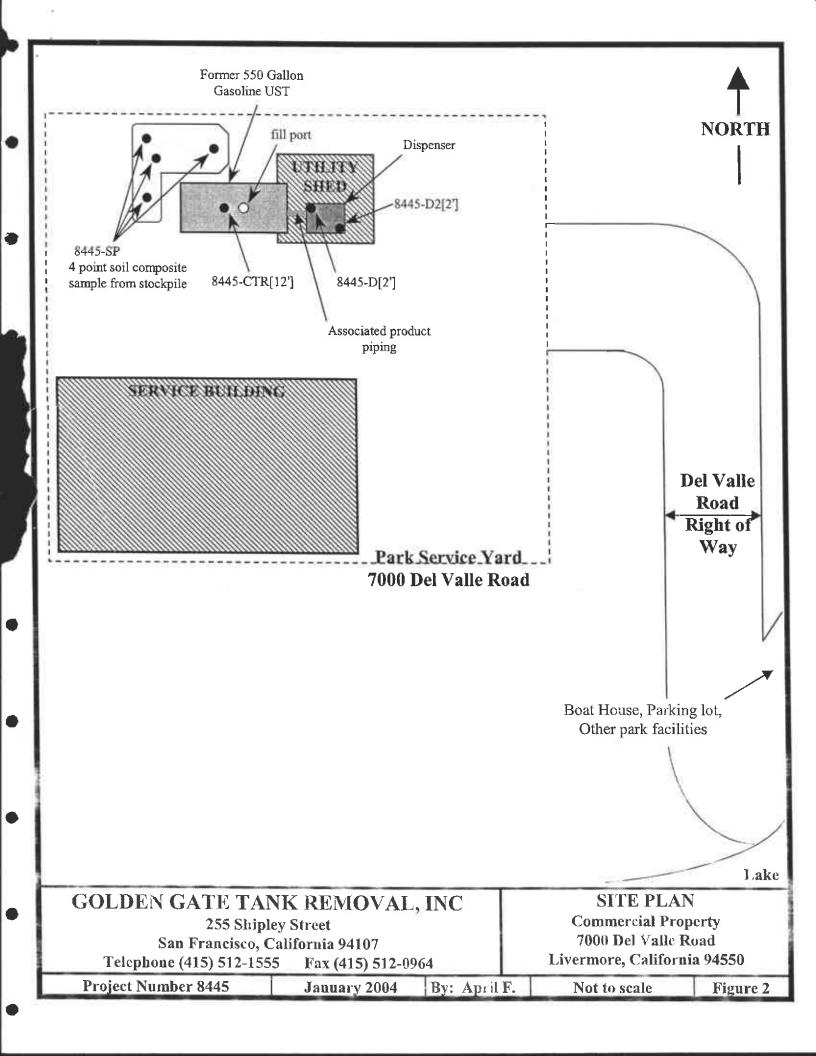
Project 8445

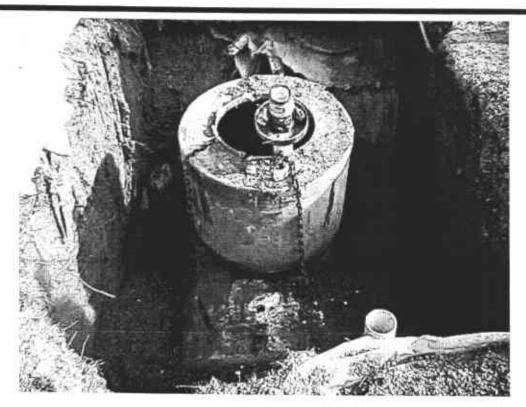
By: April F.

Not to scale

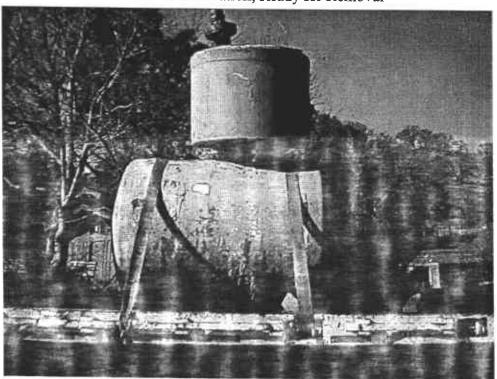
January 2004

Figure 1





Tank in Excavation; Ready for Removal



Tank Loaded on Truck for Transport and Disposal

# GOLDEN GATE TANK REMOVAL, INC.

255 Shipley Street
San Francisco, California 94107
Telephone (415) 512 1555 Fax (415) 512 0964

Project 8445

By: April F.

Not to scale

# **PHOTOGRAPHS**

Commercial Property 7000 Del Valle Road Livermore, California 94550

January 2004

Figure 3



CA ELAP# 1753

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

# CERTIFICATE OF ANALYSIS

Lab Number:

04-0032

Client:

Golden Gate Tank

Project:

8445/7000 DEL VALLE RD. LIVERMORE

Date Reported: 01/13/2004

Gasoline Range Hydrocarbons by Method 8015M

Lead by Method 6010B ICAP

Analyte	Method	Result	Unit Date Sampled	Date Analyzed
Sample: 04-0032-01 Clien	at ID: 8445~	SP	01/08/2004	SO
Lead Gasoline Range Organics	SW6010B SW8020F	10.3 ND<500	MG/KG UG/KG	01/13/2004 01/12/2004
Sample: 04-0032-02 Clien	nt ID: 8445-	CTR[12']	01/08/2004	SO
Lead Gasoline Range Organics	SW6010B SW8020F	9,00 ND<500	MG/KG UG/KG	01/13/2004 01/12/2004
Sample: 04-0032-03 Clie	nt ID: 8445-	·D[2']	01/08/2004	SO
Lead Gasoline Range Organics	SW6010B SW8020F	9,39 ND<500	MG/KG UG/KG	01/13/2004 01/12/2004
Sample: 04-0032-04 Clie	nt ID: 8445-	·D2[21]	01/08/2004	so
Lead Gasoline Range Organics	SW6010B SW8020F	12.2 *1820	MG/KG UG/KG	01/13/2004 01/12/2004



CA ELAP# 1753

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#### CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number:

04-0032

Client:

Golden Gate Tank

Project:

8445/7000 DEL VALLE RD. LIVERMORE

Date Reported: 01/13/2004

Gasoline Range Hydrocarbons by Method 8015M

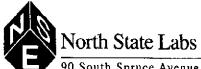
Lead by Method 6010B ICAP

Analyte	Method	Report Limit	ing Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline Range Organics	SW8020F	500	UG/KG	ND	120/112	7
Lead	SW6010B	1.0	MG/KG	ND<1.0	91/94	3

ELAP Certificate NO:1753 Reviewed and Approved

John A. Murphy, Laboratory Director

Page 2 of 2



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# CERTIFICATE OF ANALYSIS

Job Number: 04-0032

: Golden Gate Tank

Client

Project : 8445/7000 DEL VALLE RD. LIVERMORE

Date Sampled : 01/08/2004

Date Analyzed: 01/12/2004

Date Reported: 01/13/2004

#### Volatile Organics by GC/MS Method 8260

Laboratory Number	04-0032-01	04-0032-02	04-0032-03	04-0032-04
Client ID	8445-SP	8445-CTR[12'	8445-D[2']	8445-D2[2']
Matrix	SO	SO	SQ	SO
Analyte	UG/KG	UG/KG	UG/KG	UG/KG
Methyl-tert-butyl ether	ND<5	14	ND<5	ND<5
Ethyl tert-butyl ether	ND<5	ND<5	ND<5	ND<5
tert-Amyl methyl ether	ND<5	ND<5	ND<5	ND<5
Di-isopropyl ether (DIPE)	ND<5	ND<5	ND<5	ND<5
tert-Butyl alcohol	ND<250	ND<250	ND<250	ND<250
1,2-Dichloroethane	ND<5	ND<5	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5	ND<5	ND<5
Ethanol	ND<500	ND<500	ND<500	ND<500
Benzene	ND<5	ND<5	ND<5	ND<5
Toluene	ND<5	ND<5	ND<5	ND<5
Ethylbenzene	ND<5	ND<5	ND≺5	ND<5
Xylenc, Isomers m & p	ND<10	ND<10	ND<10	ND<10
o-xylene	ND<5	ND<5	ND<5	12
SUR-Dibromofluoromethane	81	109	113	116
SUR-Toluene-dB	100	97	91	93
SUR-4-Bromofluorobenzene	92	90	92	89



CA ELAP#1753

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## CERTIFICATE OF ANALYSIS

Job Number: 04-0032

Date Sampled: 01/08/2004

Client

: Golden Gate Tank

Date Analyzed: 01/12/2004

Project

: 8445/7000 DEL VALLE RD. LIVERMORE

Date Reported: 01/13/2004

#### Volatile Organics by GC/MS Method 8260 Quality Control/Quality Assurance Summary

Laboratory Number	04-0032	MS/MSD	RPD	Recovery	RPD
Client ID	Blank	Recovery		Limit	Limit
Matrix	SO	SO			
Analyte	Results UG/KG	%Recoveries			
Methyl-tert-butyl ether	ND<5				
Ethyl tert-butyl ether	ND<5				
tert-Amyl methyl ether	ND<5				
Di-isopropyl ether (DIPE)	ND<5				
tert-Butyl alcohol	ND<250				
1,2-Dichloroethane	ND<5				
1,2-Dibromoethane	ND<5				
Ethanol	ND<500				
Benzene	ND<5	118/113	4	72-122	22
Toluene	ND<5	114/109	4	73-125	21
Ethylbenzene	ND<5				
Xylene, Isomers m & p	ND<10				
o xylene	ND<5				
Chlorobenzene	ND<5	118/114	3	80-135	21
1,1~Dichloroethene	ND<10	122/116	5	54-155	27
Trichloroethene	ND<5	113/131	2	68-122	20
SUR-Dibromofluoromethane	106	115/117	2	54-145	23
SUR-Toluene-d8	87	94/93	1	81-109	14
SUR-4-Bromofluorobenzene	96	91/91	0	82-118	18

Reviewed and Appfloved

John A. Murphy Laboratory Director

North



# North State Labs

90 South Spruce Avenue, Suite W, South San Francisco, CA 94080 Phone: (650) 266-4563 Fax: (650) 266-4560

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ecology control industries

CERTIFICATE

No.2164 38533

TELEPHONE (510) 235-1393

# CERTIFIED SERVICES COMPANY

255 Parr Boulevard - Richmond, California 94801

CUSTOMER 52T0953 JOB NO.

GOLDEN GATE TANK &

	FOR: ECOLOGY CONTRO	LINDANK NO	31302	Clarks-low	
LOC	ATION: RICHMOND. CA	DATE; 1/14/2004	TIME: 10:33	3:24	
ST METHOD	VISUAL GASTECH/1314 SMPN	LAST PRODUCT _	UNLEADED :	GAS	
Petroleum Insti	fy that I have personally determinente and have found the conditions is based on conditions existing is issued subject to compliance with	on to be in accordance the	nce with its o inspection l	herein set forth	MILITARY 1
					<u> </u>
TANK SIZE	550 GAL	_ CONDITION_	SAFE FOR	FIRE	
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REMARKS:	HERBY CERTIFIES THAT THE ABOVE				
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	ECOLOGY CONTROL INDUSTRIES HA	THE APROPRIATE PERM	AITS FOR, AND H	AS ACCEPTED	
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# STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) in the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

SAFE FOR FURE: Means that in the compartment so designated (a) The concentration of flaminable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the inspector, the residues are not capable of producing a higher concentration that permitted under existing almospheric conditions in the presence of are and white maintained as directed on the insperior's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are selisfactorily incrted, or in the case of fuel tacks, have been treated as deemed. necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE

TITLE

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# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY ENVIRONMENTAL HEALTH SERVICES 1131 HARBOR BAY PARKWAY, RM 250 ALAMEDA, CA 94502-6577

PHONE # 510/567-6700

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the

must be submitted to this this Department and to the Fire Building Inspections Department to determine if such UNDERGROUND TANK CLOSURE PLAN

Complete plan according to attached instructions \*

Robert Weston

See attached Table 2 for contaminate analysis

1. Name of Business Golden Gate Tank Removal, Inc. Business Owner or Contact Person (PRINT) Tracy Wallace 2. Site Address 7000 Del Valle Road City <u>Livermore</u> zip 94550 phone (510) 544-2705 3. Mailing Address 255 Shipley Street city <u>San Francisco</u> zip <u>94107</u> Phone (415) 512-1555 4. Property Owner clo Stephen Gehrett, Equiptment Manager Business Name (if applicable) East Bay Regional Park District Address 2501 Grizzly Peak Blvd. City, State Orinda CA zip 94563 5. Generator name under which tank will be manifested East Bay Regional Park District EPA ID# under which tank will be manifested C A C 0 0 2 5 7 2 7 2 6

12-15 2003



SR0005449

rev. 11/01/96 ust closure plan



PERMIT# <u>B-1768</u>

# Alameda County Fire Department Bureau of Fire Prevention

# FIRE CODE REGULATED ACTIVITY/USE APPLICATION and PERMIT

[ ] City of Dublin	[ ] City of San Leandro	Unincorpo	rated Alameda County
application Date: December 18,	2003	/ W	
ype of Permit Requested: tank r	emoval permit	Activity I	<b>Date(s)</b> ; Jan - Feb 2004
Activity Location: 7000 Del \	/alle Road	City: Li	vermore
ORGANIZATION/INDIVIDUAL	MAKING APPLICATION		
Name: East Bay Regional	Park District	Phone #	: (510) 554-2705
Address/City/State/Zip: 2501 G	rizzly Peak Blvd.	Orinda	CA 94563
Contact Person: Stephen Gel	rett Phor	te #: (510) 554-2705	FAX #:
CONTRACTOR INFORMATIO	N (if applicable) ATTACH COP	Y OF WORKER'S COM	AP AND BUSINESS LICENSE
Company Name: Golden Gate			Type/Number: A-Haz, 616521
Address/City/State/Zip: 255 Sh	· · · · · · · · · · · · · · · · · · ·	San Francisco	CA 94107
Contact Person: Tracy Walls		ne # (415) 512-1555	FAX #: (415) 512-0964
compliance with all the requirements of the the approved plans, specifications, and cond This permit shall not be construed as autism nor, shall this permit take the place of any operation, activity, or ownership shall requi	fire code and any other laws or regulati- itions of approval.  ity to cancel, violate or set aside any pro- license or other regulatory pennits require a new permit. Pennits may be suspen- ted agree to abide by the requirements	ons applicable thereto, whether a visions of the fire code, State and fired by law. Permits are not tra- led or revoked for cause at any ti-	reployees, shall carry out the proposed activity pecified or not, and in complete accordance to any other laws or regulations applicable the insferable and any change in the use, occupance.  I also affirm all information that is provide
12/1	- agent-for the owner	Dec	ember 18, 2003
Signatuje	of Applicant		Date
AP PROVALS!	- Fire Department	Office Use Only -	A to My
Rejected Date/By:  TYPE PERMIT: TITIE K  APPROVED BY: K. C.H.	Cont. Notified:	Rejected Date/By:  [   APPROVAL CONDIT DATE:     8   0   0   0   0   0   0   0   0	EXPIRATION:
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Plans Received: W.D.H.O.	Date Due	Plana Received:	Date Dun:
G:\ALLACPD\FP\FFFORMS\83-230.do	The second of th	Section Browning Company	





# COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Regulation 8 Rule 40

그 사용하게 함께 내 해 내 가 가 하나 가 먹는 것 같아.	STORAGE TANKS OF TREATMENT OF CONTAMIN	
Site Address: 7000 Del Valle Road	SITE OF ACTIVITY	1550 <b>Site#:</b> 8445
	City & Zip: Livermore, CA, 94 ess: next to the driveway, underneath the storage	shod
Owner/Operator: Stephen Gehrett, Equipme	ent Manager	Siled
Tank Removal or Replacement (401)	to regulation section requiring reporting):  G Contaminated Soil Excavation	n and Removal <i>(402)</i>
☐ Aeration of Soil < 50 ppmw organic conter	nt, but does not meet Section 118 Exemption (403)	1
☐ Section 114 Exempt; Date Pipeline Leak :		
☐ Section 115 Exempt; Date Contamination	Unrelated to UST Activities Discovered:	(405)
If only Tank Removal is selected, a	ttach results showing soil is not contamina	ted
CO	NTRACTOR INFORMATION	
Name: Golden Gate Tank Removal, Inc.		hone: (415)512-1555
Address: 255 Shipley Street San Fran	ncisco CA 94107	
TALL TAILS OF THE PROPERTY OF TAILS	NK REMOVAL (Section 401)	
Scheduled Start Date: 1/6/2004	Number and Size of Tank(s): 1 (one) 500 Gallor	n Gasoline Tank
Explain Methods of:  Piping drainage or flushing (310.1) Flus  Liquid and sludge removal (310.2) Pun		
* Emission controls required for vapor fre	ne]  Water Displacement  Vapor Free eing or ventilation if tank size greater than 250 gall	ons,
* Emission controls required for vapor fre COMPLETE INFORMATION BELOW OR	ne]  Water Displacement  Vapor Free eeing or ventilation if tank size greater than 250 gall  ATTACH SAMPLE RESULTS SHOWING SOIL IS UNC	ons. ONTAMINATED (310.4)
* Emission controls required for vapor fre COMPLETE INFORMATION BELOW OR	ne]  Water Displacement  Vapor Free Peing or ventilation if tank size greater than 250 gall  ATTACH SAMPLE RESULTS SHOWING SOIL IS UNCULOUS  WEEKCAVATION AND REMOVAL (Section 1)	ions. ONTAMINATED (310.4) on 402)
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