

Monday 8:00

ALAMEDA COUNTY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 HARBOR BAY PARKWAY  
ALAMEDA, CA 94502-6577  
PHONE (510) 567-6700

**ACCEPTED**

**Underground Storage Tank Closure Permit Application**  
Alameda County Division of Hazardous Materials  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.

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

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

**THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS**

Contact Specialist: *John Weston*  
6-19-2008

**UNDERGROUND STORAGE TANK CLOSURE PLAN**

**\*\*\* Complete closure plan according to instructions \*\*\***

1. Name of Business Golden Gate Tank Removal, Inc

Business Owner or Contact Person (PRINT) Joshua Alexander

2. Site Address 4050 Horton St.

City, State Emeryville, Ca Zip 94608 Phone 925-570-6596 *c/p: Jim Gilveck*

3. Mailing Address 432 Ivy Street

City, State San Francisco, CA Zip 94102 Phone 925-570-6596 *c/p: Jim Gilveck*

4. Property Owner AgeSong Emeryville Owner, LLC - Attn: Paula Hertel

Business Name (if applicable) \_\_\_\_\_

Address 432 Ivy Street

City, State San Francisco, CA Zip 94102 Phone 415-431-8143 x20

5. Generator name under which tank will be manifested

AgeSong Emeryville Owner, LLC - Attn: Paula Hertel

EPA I.D. No. under which tank(s) will be manifested CAC-002-031-538

6. Contractor Golden Gate Tank Removal, Inc

Address 3730 Mission St.

**SR0013478**

City, State San Francisco, CA Zip 94110 Phone 415-512-1555 <sup>415 730 2179 Mobil</sup> <sub>office</sub>  
License Type A-Haz ID# 616521

7. Consultant (if applicable) \_\_\_\_\_  
Address \_\_\_\_\_  
City, State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

8. Main Contact Person for Investigation (if applicable)  
Name Joshua Alexander Title Project Manager  
Company Golden Gate Tank Removal, Inc  
Phone 415.512.1555

9. Number of underground tanks being closed with this plan 1 to be closed & 1 to be removed  
Length of piping being removed under this plan \_\_\_\_\_  
Total number underground tanks at this facility (confirmed with owner or operator) 2

10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).  
a) Product/Residual Sludge/Rinsate Transporter  
Name Clearwater Environmental Management EPA I.D. No. CAR000007013  
Hauler License No. 3515 License Exp. Date \_\_\_\_\_  
Address P.O. Box 2407  
City, State Union City, CA Zip 94587

b) Product/Residual Sludge/Rinsate Disposal Site  
Name Clearwater Environmental Management, Inc EPA I.D. No. NVD 982358483  
Address 2430 Almond Dr.  
City, State Silver Springs, NV Zip 89429

c) Tank and Piping Transporter  
Name Ecology Control Industries EPA I.D. No. CAD009466392  
Hauler License No. 1533 License Exp. Date \_\_\_\_\_  
Address 255 Parr Road  
City, State Richmond, CA Zip 94804

d) Tank and Piping Disposal Site  
Name Ecology Control Industries EPA I.D. No. CAD009466392  
Address 255 Parr Road  
City, State Richmond, CA Zip 94804

11. Sample Collector  
Name Joshua Alexander  
Company Golden Gate Tank Removal, Inc  
Address 3730 Mission St.  
City, State San Francisco, CA Zip 94110 Phone 415-512-1555

12. Laboratory  
Name Accutest Laboratories, Inc  
Address 3334 Victor Courtf  
City, State Santa Clara, CA Zip 95054  
State Certification No. 2346

13. Have tank(s) or piping leaked in the past? Yes [ ] No [ ] Unknown [X]  
If yes, describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe method(s) to be used for rendering tank(s) inert:  
Removal of produce, purge, introduce dry ice to reduce vapors  
flush lines and triple rinse with water, if necessary  
pump to vacuum truck, steam clean tank

**Before tank(s) are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.**

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 have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.**

15. Tank History and Sampling Information (See Instructions)

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Sample(s)
Capacity (gallons)	Use History include date last used (estimated)		
500	unknown	soil samples & water if present	
5,500	unknown		

**One soil sample must be collected for every 20 linear feet of underground piping that is removed. A groundwater sample must be collected if any groundwater is present in the excavation.**

Excavated/Stockpiled Soil	
<p style="text-align: center;">Stockpiled Soil Volume (estimated)</p> <p>10-20 yards</p>	<p style="text-align: center;">Sampling Plan</p> <p>4 point composite for every 50 cubic yar</p>

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

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

If yes, explain reasoning \_\_\_\_\_  
 \_\_\_\_\_

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.**

16. Chemical methods and associated detection limits to be used for analyzing sample(s):

**The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits shall be followed.**


See Table 2, Recommended Minimum Verification Analyses for Underground Tank Leaks.

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
See Table 2			

17. Submit Site Health and Safety Plan (See Instructions)
18. Submit copy of Worker's Compensation Certificate  
 Name of Insurer State Compensation Insurance Fund
19. Submit Plot Plan (See Instructions)
20. Enclose Fee (See Instructions)
21. **Report all leaks or contamination to this office within 5 days of discovery.**  
 The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (URL) form.
22. Submit a closure report to this office within 60 days of the tank removal. The closure report must contain all information listed in item 22 of the instructions.
23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one-B form for each UST to be removed) (mark box 8 for "Tank Removed" in the upper right hand corner, if applicable).

**TABLE #2**  
REVISED 21 NOVEMBER 2003

**RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR  
UNDERGROUND TANK LEAKS**

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u> (SW-846 METHOD)		<u>WATER ANALYSIS</u> (Water/Waste Water Method)	
<b>Gasoline (Leaded and Unleaded)</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
		--Optional--		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Unknown Fuel</b> 	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
	--Optional--			
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
<b>Chlorinated Solvents</b>	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
<b>Non-chlorinated Solvents</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
<b>Waste, Used, or Unknown Oil</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	O&G	9070	O&G	418.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	METALS (Cd, Cr, Pb, Ni, Zn) by ICAP or AA for soil water			
	PCB*, PCP*, PNA, CREOSOTE by 8270 for soil and 524/625 (8270) for water			
			* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)	

NOTES:

- 8021 replaces old methods 8020 and 8010
- 8260 replaces old method 8240
- Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001).

4050 Horton Street, Emeryville California  
 Proposal & Contract # 7704b  
 June 13, 2008

**COMPENSATION**

The cost of the above-described work at 4050 Horton Street, Emeryville, shall be in the amount of:

<b>Tank Removal</b>	<b>1<sup>st</sup> Tank</b>	<b>2<sup>nd</sup> Tank</b>	
Permits & Office Support	\$1,870.00	\$400.00	
Tank Excavation & Preparation for Removal	\$2,230.00	\$450.00	
Pump and Wash Tank	\$1,870.00	\$2,750.00	
Product Disposal			3.15 per gal.
Tank Removal and Loading	\$1,750.00		
Transport & Disposal of Tank by GGTR	\$350.00		
Transport & Disposal of Tank by ECI (Cost Plus 15%)			Est. \$2,500.00
Import Fill, Backfill & Compaction	\$430.00		
Soil Sample Collection and Submission to Laboratory	\$500.00	\$500.00	
Closure Report Preparation and Submission	\$800.00	\$800.00	
Laboratory Soil and/or Water Sample Analysis (Cost Plus 15%)			Est. \$2,500.00
<b>Subtotal</b>	<b>\$9,800.00</b>	<b>\$4,900.00</b>	

\$ 1,470.00 is due upon start of project.

The balance is due upon completion of the work. A service charge of 1½% per month is charged on all delinquent accounts. The final report will be submitted to the owner and regulatory agencies upon receipt of final payment.

6-16-08

Date:



Acceptance

PAULA HERTEL

Print Name & Title

AGESONG EMERYVILLE OWNER LLC

432 IVY STREET, SAN FRANCISCO, CA 94102

Phone



**Tim Hallen**

Digitally signed by  
 Tim Hallen  
 DN: cn=Tim Hallen,  
 o=Golden Gate Tank  
 Removal, Inc., c=US  
 Date: 2008.06.13  
 18:08:11 -0700

June 13, 2008

Date:

Tim Hallen

Golden Gate Tank Removal, Inc.



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

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Department of Environmental Health and that no work is to begin on this project until this closure plan has been 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 Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

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

CONTRACTOR INFORMATION

Name of Business Golden Gate Tank Removal, Inc

Name of Individual Helen Meneses - Project Coordinator

Signature *Helen C. Meneses* - On behalf of owner Date 6/17/08

PROPERTY OWNER OR  MOST RECENT TANK OWNER (Check one)

Name of Business \_\_\_\_\_

Name of Individual \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**HAZARDOUS WASTE TANK CLOSURE CERTIFICATION**

**I. FACILITY IDENTIFICATION**

<b>BUSINESS NAME</b> (Same as FACILITY NAME or DBA – Doing Business As) <sup>3</sup>	<b>FACILITY ID#</b>										1	
<b>TANK OWNER NAME</b>											740	
<b>TANK OWNER ADDRESS</b>											741	
<b>TANK OWNER CITY</b>				<sup>742</sup>	<b>STATE</b>			<sup>743</sup>	<b>ZIP CODE</b>			744

**II. TANK CLOSURE INFORMATION**

TANK INTERIOR ATMOSPHERE READINGS	Tank ID # (Attach additional copies of this page for more than three tanks)	Concentration of Flammable Vapor			Concentration of Oxygen		
		Top	Center	Bottom	Top	Center	Bottom
1	745	746a	746b	746c	747a	747b	747c
2	748	749a	749b	749c	750a	750b	750c
3	751	752a	752b	752c	753a	753b	753c

**III. CERTIFICATION**

On examination of the tank, I certify the tank is visually free from product, sludge, scale (thin, flaky residual of tank contents), rinseate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

<b>SIGNATURE OF CERTIFIER</b>		<b>STATUS OR AFFILIATION OF CERTIFYING PERSON</b> Certifier is a representative of the CUPA, authorized agency, or LIA: <span style="float: right;">760</span> <input type="checkbox"/> Yes <input type="checkbox"/> No Name of CUPA, authorized agency, or LIA: <span style="float: right;">761</span> <hr/> If certifier is other than CUPA / LIA check appropriate box below: <span style="float: right;">762</span> <input type="checkbox"/> a. Certified Industrial Hygienist (CIH) <input type="checkbox"/> b. Certified Safety Professional (CSP) <input type="checkbox"/> c. Certified Marine Chemist (CMC) <input type="checkbox"/> d. Registered Environmental Health Specialist (REHS) <input type="checkbox"/> e. Professional Engineer (PE) <input type="checkbox"/> f. Class II Registered Environmental Assessor <input type="checkbox"/> g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)
NAME OF CERTIFIER (Print) <span style="float: right;">754</span>		
TITLE OF CERTIFIER <span style="float: right;">755</span>		
ADDRESS <span style="float: right;">756</span>		
CITY <span style="float: right;">757</span>		
PHONE <span style="float: right;">758</span>		
DATE <span style="float: right;">759</span>	CERTIFICATION TIME	

**TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS** 763  
 (If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.)  Yes     No

**CERTIFIER'S TANK MANAGEMENT INSTRUCTIONS FOR SCRAP DEALER, DISPOSAL FACILITY, ETC:** 764

A copy of this certificate shall accompany the tank to the recycling / disposal facility and be provided to the CUPA. If there is no CUPA, copies shall be submitted to the LIA and authorized agency; owner / operator of the tank system; removal contractor; and the recycling / disposal facility.

## Hazardous Waste Tank Closure Certification

Complete and submit this page prior to initiating any cleaning, cutting, dismantling, or excavation of a tank system that meets the conditions below:

- Any tank system that previously held a hazardous material or a hazardous waste, that is identified as a hazardous waste, and that is destined to be disposed, reclaimed or closed in place.
- This does not apply to tank systems regulated under a hazardous waste facility permit, other than permit by rule (PBR), or to tank systems regulated under a grant of interim status, nor to a tank system or any portion thereof, that meets the definition of scrap metal in 22 CCR §66260.10 and is excluded from regulation pursuant to 22 CCR §66261.6(a)(3)(B).

Refer to 22 CCR §67383.3 and 23 CCR §2672 for disposal requirements for tank systems.

(Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.)

Please number all pages of your submittal. This helps your CUPA or local agency identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - Leave this blank. This number is assigned by the CUPA. This is the unique number which identifies your facility.

3. BUSINESS NAME - Enter the full legal name of the business.

740. TANK OWNER NAME - Complete items 740-744, unless all items are the same as the Business Owner  
741. TANK OWNER ADDRESS information (items 111-116) on the Business Owner/Operator Identification page  
742. TANK OWNER CITY (OES Form 2730). If the same, write "SAME AS SITE" across this section  
743. TANK OWNER STATE  
744. TANK OWNER ZIP CODE

745. TANK ID NUMBER 1-3 - Enter up to three owner's tank ID numbers. This is a unique number used by the owner to identify the tank. If more than three tanks are being closed, complete additional copies of this page. (Enter additional tank numbers in 748 and 751.)

746. CONCENTRATION OF FLAMMABLE VAPOR 1-3 - Enter three interior flammable vapor levels for each tank being closed, taken at the top, center, and bottom of the tank. (For more than one tank, enter additional tank readings in 749 and 752.)

747. CONCENTRATION OF OXYGEN 1-3 - Enter three interior oxygen levels for each tank being closed, taken at the top, center, and bottom of the tank. (For more than one tank, enter additional tank readings in 750 and 753).

SIGNATURE - The business owner or officer of the company who is authorized to make decisions for the facility and who has operational control, shall sign in the space provided.

754. CERTIFIER NAME - Enter the full printed name of the person signing the page.

755. CERTIFIER TITLE - Enter the title of the person signing the page.

756. CERTIFIER ADDRESS - Enter the address of the person signing the page.

757. CERTIFIER CITY - Enter the city for the signer's address.

758. CERTIFIER PHONE - Enter the phone number for the person signing the page.

759. DATE CERTIFIED - Enter the date that the document was signed. Enter the time that the readings were taken.

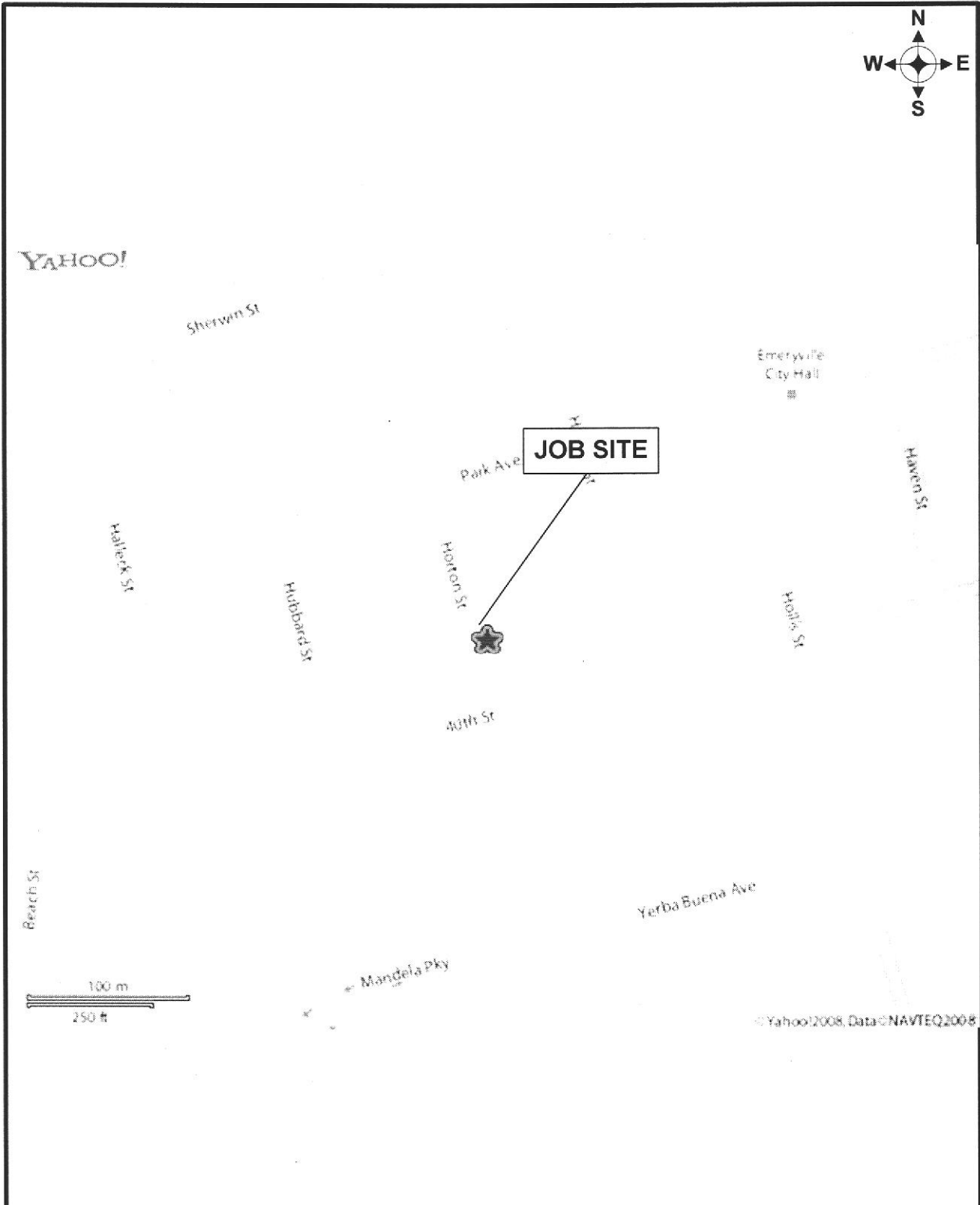
760. CERTIFIER REPRESENTS LOCAL AGENCY - Check "Yes" if the person certifying the tank is a representative of the CUPA, authorized agency, or LIA, check "No" if not.

761. NAME OF LOCAL AGENCY - Enter the name of the local agency represented by the person certifying the tank.

762. AFFILIATION OF CERTIFYING PERSON - Check the certification, license, or organization which the certifier holds or to which the certifying person belongs, if not a CUPA/ LIA.

763. TANK HELD FLAMMABLE OR COMBUSTIBLE MATERIALS - Check "Yes" if the tank held flammable or combustible materials, check "No" if not.

764. MANAGEMENT INSTRUCTIONS - Provide tank management instructions to the scrap dealer, disposal facility, etc., in this space.



**GOLDEN GATE TANK REMOVAL, INC.**  
 3730 Mission Street  
 San Francisco, CA 94110  
 Ph (415) 512-1555 Fx (415) 512-0964

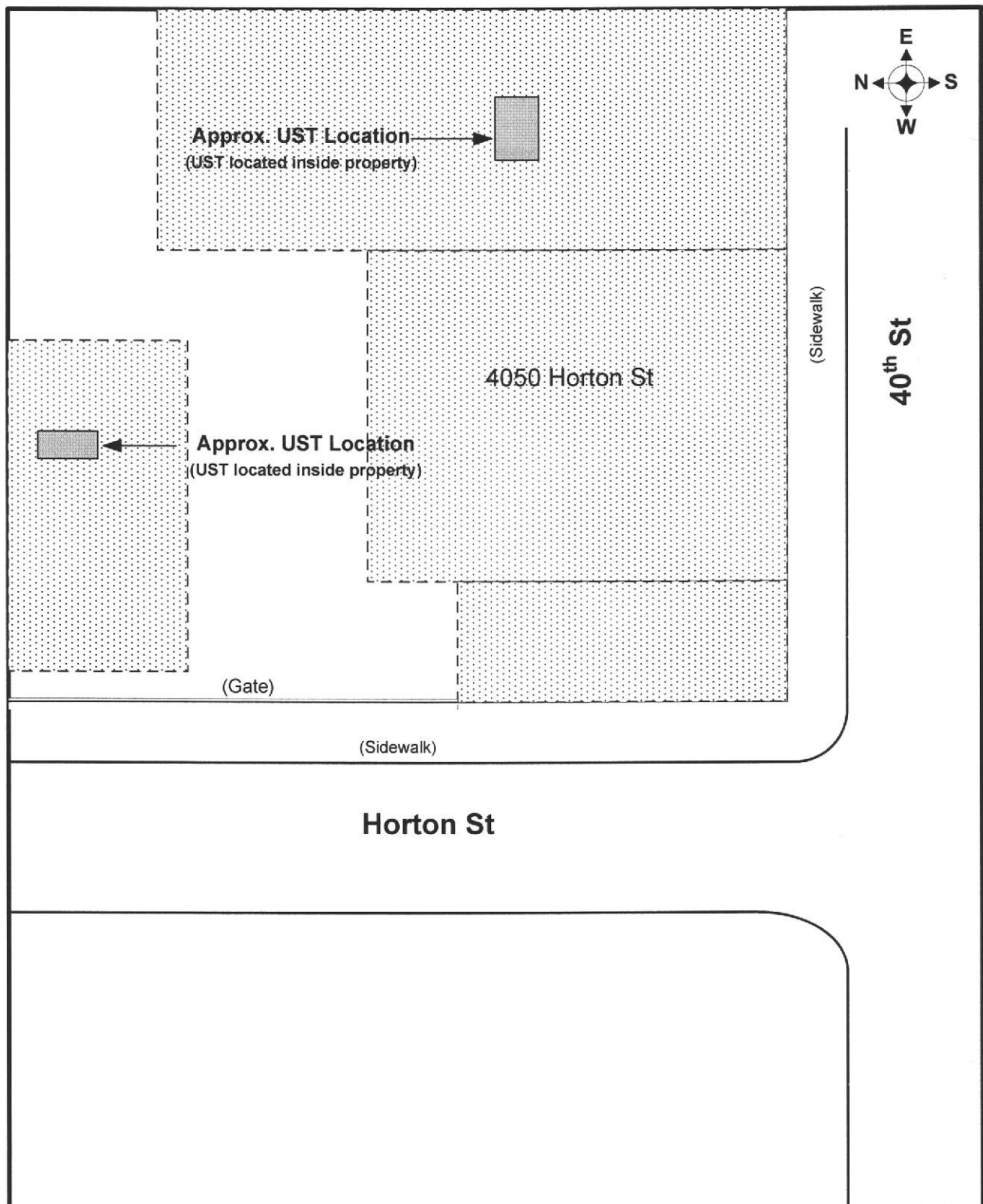
**VICINITY MAP**  
 4050 Horton Street  
 Emeryville, California

GGTR Project No.9006

Drawing By: AS

June 2008

Figure 1



**GOLDEN GATE TANK REMOVAL, INC.**  
 3730 Mission Street  
 San Francisco, CA 94110  
 Ph (415) 512-1555 Fx (415) 512-0964

**Site Drawing**  
 4050 Horton St.  
 Emeryville, California

GGTR Project No. 9006

Drawing By: HM

June 2008

Figure 2

ENVIRONMENTAL HEALTH  
DIVISION  
2008 JUN 17 PM 3:38

**ATTN: Alameda County Environmental Health**  
**1131 Harbor Parkway, Suite 240**  
**Alameda, CA 94502**  
***ATTN: ROBERT WESTIN***

**Health Permit Application**  
**Underground Tank Removal**

**4050 Horton Street**  
**Emeryville, California 94608**

**June 16, 2008**

**Golden Gate Tank Removal, Inc.**  
**3730 Mission St.**  
**San Francisco, California 94110**

**Project # 9006**



## Department of Toxic Substances Control

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DTSC: HWTS Reports

HWTS EPA ID Profile

**EPA ID:** CAC002631538 **Name:** AGESONG EMERYVILLE OWNER LLC  
**Status:** ACTIVE **Inactive Date:** **Contact:** JIM GLUECK  
**County:** ALAMEDA **SIC:** **Record Entered:** 2008-06-17 **Last updated:** 2008-06-17

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Help

	Name	Address	City	State	ZIP	Phone
<b>Location</b>	AGESONG EMERYVILLE OWNER LLC	4050 HORTON ST	EMERYVILLE	CA	94608	
<b>Mailing</b>		432 IVY ST	SAN FRANCISCO	CA	94102	
<b>Owner</b>	AGESONG EMERYVILLE OWNER LLC	432 IVY ST	SAN FRANCISCO	CA	94102	9255706596
<b>Oper/Contact</b>	JIM GLUECK	20 OAK CT	DANVILLE	CA	94526	9255706596

Based ONLY upon EPA ID: CAC002631538:

Calif. Manifests?	Out-of-State Manifests?	Transporter Registration?	Toxic Release Inventory Data?	Calsites Data?
NO	NO	NO	NO	NO

End of Report



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[Office of Environmental Health Hazard Assessment](#) | [State Water Resources Control Board](#)

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**GOLDEN GATE TANK REMOVAL INC.**

3730 MISSION STREET  
SAN FRANCISCO, CA 94110  
(415) 512-1555

THE MECHANICS BANK  
343 SANSOME ST, STE 850  
SAN FRANCISCO, CA 94104  
(415) 249-0300  
90-203/1211


21204

6/17/2008

PAY TO THE ORDER OF Alameda County Health Department

\$658 <sup>00</sup>

SIX HUNDRED FIFTY EIGHT <sup>00</sup>/<sub>100</sub>

DOLLARS  Security Code on Back

Alameda County Health Department  
1131 Harbor Bay Parkway #250  
Alameda, CA 94502

MEMO

(#9006-4050 Horton St Emeryville

*Tim Hall* MP

⑈021204⑈ ⑆121102036⑆ 0410081129⑈

© 2005 INTUIT INC. # 681 1-800-433-8810

BY: *Forced*

JUN 17 2008

PAID  
ALAMEDA COUNTY  
ENVIRONMENTAL HEALTH





**SITE SAFETY PLAN  
UNDERGROUND TANK REMOVAL**

**4050 HORTON STREET  
EMERYVILLE, CALIFORNIA 94608**

**June 16, 2008**

**GOLDEN GATE TANK REMOVAL, INC.  
3730 MISSION STREET  
SAN FRANCISCO, CALIFORNIA 94110**

**PROJECT # 9006**

4050 Horton Street, Emeryville, CA 94608

SITE HAZARD INFORMATION

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE SITE

Owners Name: AgeSong Emeryville Owner, LLC
Site Address: 4050 Horton St.
Emeryville, Ca 94608
Directions to Site: Cross Street 40th St.

Consultant On Site: Golden Gate Tank Removal, Inc. Phone number: 415/512-1555
Site Safety Officer: Joshua Alexander Phone Number: 415/512-1555
Type of Facility: Mobile Number: 415/559-0499
Site Activities: [ ] Drilling [ ] construction [x] Tank Excavation [ ] Soil Excavation
[ ] Work in Traffic Area [ ] Groundwater Extraction [ ] Vapor Extraction [ ] Above Ground Remediation
[ ] Other:

Hazardous Substances

Table with 3 columns: Name (CAS#), Expected Concentration, Health Affects. Row 1: Oil, Minimal, Nausea, Dizziness.

Physical Hazards

[x] Noise [x] Excavations/Trenches
[x] Traffic [ ] Other:
[x] Underground Hazards
[ ] Overhead Lines
Potential Explosions and Fire hazards:

Level of Protection Equipment

[ ] A [ ] B [ ] C [x] D [ ] See Personal Protective Equipment

Personal Protective Equipment

R = Required A = As Needed

R Hard Hat A Safety Eye wear (Type)
A Safety Boots A Respirator (Type) 1/2 Face
R Orange Vest A Filter (Type) Carbon
A Hearing Protection A Gloves (Type) Leather
Tyvek Coveralls Other

4050 Horton Street, Emeryville, CA 94608

SITE HAZARD INFORMATION

Monitoring Equipment On Site

- Organic Vapor Analyzer
- Oxygen Meter
- H2S Meter
- Air Sampling Pump
- Combustible Gas Meter
- Other \_\_\_\_\_

Site Control Measures Normal Pedestrian, Orange Cones, Traffic Signs

Decontamination Procedures Warm Water Soap

Hospital/Clinic Alameda County Medical Center Phone 510-437-4800

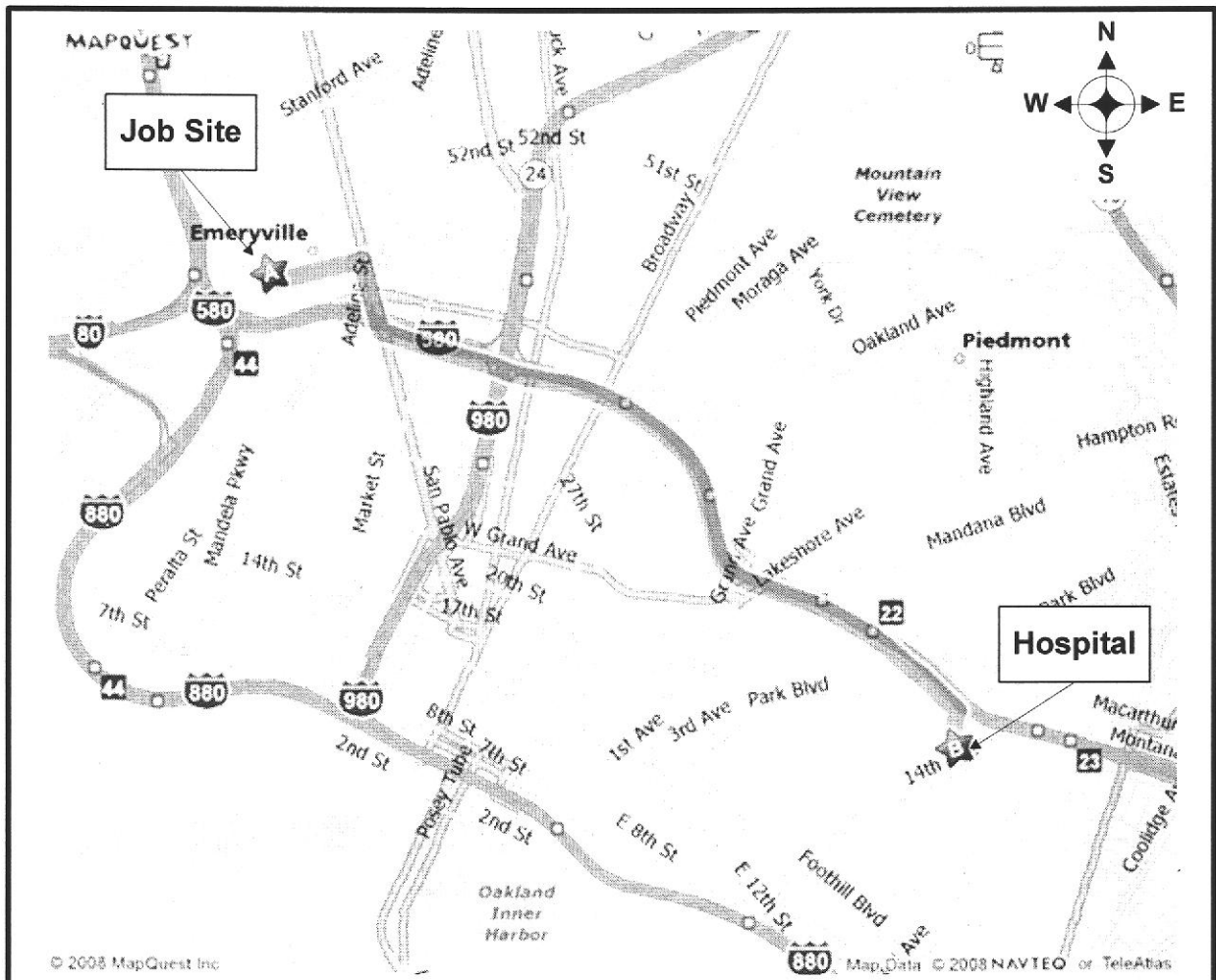
Hospital Address 1411 E 31<sup>st</sup> St., Oakland

Paramedic 911 Fire Dept. 911 Police Dept. 911

Emergency/Contingency Plans & Procedures See Safety Procedures

Site Hazard Information Provided By: Helen Meneses Phone: 415/512-1555

Signature:  Date: 6/17/08



Distance: 4.29 miles      Approximate Travel Time: 9 mins

- 1: Start out going SOUTH on HORTON ST toward 40<sup>TH</sup> ST – 0.0mi
2. Turn LEFT onto 40<sup>TH</sup> ST – 0.4mi
3. Turn RIGHT onto SAN PABLO VE/CA-123 S. Continue to follow SAN PABLO AVE – 0.3mi
4. Turn SLIGHT LEFT onto 35<sup>TH</sup> ST – 0.4mi
5. Merge onto I-580 E toward HAYWARD/STOCKTON – 2.4mi
6. Take EXIT 22 toward PARK BLVD – 0.2mi
7. Merge onto MACARTHUR BLVD – 0.3mi
8. Turn RIGHT onto STUART ST – 0.2mi
9. Turn LEFT onto E 31<sup>ST</sup> ST – 0.0mi
10. End at 1411 E 31<sup>ST</sup> St Oakland

*Buildings  
Fire  
P-41*

<p><b>GOLDEN GATE TANK REMOVAL, INC.</b>          3730 Mission Street          San Francisco, CA 94110          Ph (415) 512-1555 Fx (415) 512-0964</p>	<p><b>HOSPITAL MAP</b>  <b>Alameda County Medical Center</b>          1411 E 31<sup>st</sup> St.          Oakland, California</p>		
<p>GGTR Project No. 9006</p>	<p>Drawing By: HM</p>	<p>June 2008</p>	<p>Figure H</p>

## **1.0 PURPOSE**

This operating procedure establishes minimum procedures for protecting personnel against the hazardous properties during the performance of the removal of an underground storage tank and related activities. All employees and subcontractors of Golden Gate Tank Removal shall follow this plan. This plan is developed to work with the California Occupational Safety and Health Code to quickly prepare and issue a site safety plan for the removal of an underground storage tank and the related activities.

## **2.0 APPLICABILITY**

This procedure is applicable to the removal of underground storage tanks and the related activities. Listed below are some of, but not limited to, the activities and substances that may be encountered during the project.

### Activities:

The work to be performed will include: the excavation of potentially contaminated soil in order to expose the underground storage tank, the stock piling of soil, the removal and manifested disposal of the tank, the recovery of soil samples from the excavation and stockpiled soil, and the backfill and resurfacing of the excavation.

### Substances:

- Diesel Fuel Oil (Home Heating Oil)
- Lead and Unleaded Gasoline
- Diesel Fuel
- Motor Oil (used and unused)

## **3.0 RESPONSIBILITY AND AUTHORITY**

Personnel responsible for project safety are the business unit's Health and Safety Officer (HSO), the Project Manager (PM), and the Site Safety Officer (SSO).

The HSO is responsible for reviewing and approving the site safety plan and advising both the PM and SSO on health and safety matters. The HSO has the authority to audit compliance with the provisions of the site safety plan, suspend work or modify work practices for safety reasons, and to dismiss from the site any individual whose conduct on-site endangers the health and safety of themselves and/or others.

The PM is responsible for having the site safety plan prepared and distributed to all field personnel and to an authorized representative of each firm contracted to assist with the on-site work.

The SSO is responsible for assisting the PM with on-site implementation of site safety plan. The SSO may suspend work anytime he/she determines that the provisions of the site safety plan are inadequate to ensure worker safety and inform the PM and HSO of individuals whose on-site behavior jeopardizes their health and safety or the health and safety of others.

#### 4.0 HAZARD EVALUATION/CRITERIA

##### Chemical

The general types of chemical hazards associated with this project are exposure to various chemical substances, including but not limited to, petroleum hydrocarbon liquids and vapors, caustic and acidic mists, liquids and solids. Exposure to elevated levels of hydrocarbon vapors presents potential health risks that need to be properly controlled. Work practices and methods will be monitored to limit exposures. Where elevated exposures persist, respiratory protection will be the primary control method to protect personnel from inhalation of hydrocarbon vapors.

##### Physical

The general types of physical hazards associated with this project are:

- Mechanical hazards: swinging objects, machinery, etc.,
- Physical lifting, shoveling, climbing (ladder), etc.,
- Electrical hazards: buried cables and overhead power lines,
- Thermal hazards: heat stress, and heat exhaustion
- Acoustical hazards: excessive noise created by machinery.

##### Flammability

The general types of flammable hazards associated with this project are fire hazards: natural gas and product lines, flammable petroleum hydrocarbons, and motor driven equipment.

Petroleum distillate fuels possess two intrinsic hazardous properties, namely, flammability and toxicity. The flammable property of the oil and fuels presents a far greater hazard to field personnel than toxicity because it is difficult to protect against and can result in catastrophic consequences. Being Flammable, the vapors of volatile components of crude oil and the fuels can be explosive when confined.

Eliminating any one of the three factors needed to produce combustion can minimize the probability of fire and explosion. Two of the factors, ignition source and vapor concentration, can be controlled in many cases. Prohibiting open fires and smoking on-site, installing spark arrestors on engines and turning off engines when lfl is approached can control ignition. Introducing dry ice (solid carbon dioxide) in the tank can reduce vapor concentrations in the headspace; the carbon dioxide gas will displace the combustible vapors.

## **5.0 HEALTH AND SAFETY DIRECTIVES**

### Site-Specific Safety Briefing

Before fieldwork begins, all field personnel, including subcontractor employees must be briefed on their work assignments and safety procedures contained in this document.

### Personal Protective Equipment

Each field team member shall have on-site, before the commencement of work, the following personal protective equipment:

- NIOSH-approved full or half face respirator with organic vapor cartridges (cartridges will be supplied pending the work criteria).
- Hard-hat and safety vest
- Leather work boots, steel toed boots are strongly suggested
- Leather work gloves
- Ear protection, earphone type or ear plugs
- Eye protection, safety glasses and splash proof goggles

### Equipment Usage

Hard-hats and safety vests must be worn at all times when on the job site.

Safety goggles must be worn when working within 10 feet of any operating heavy equipment (e.g., jackhammer, and backhoe). Splash-proof goggles or face shields must be worn whenever product quantities of fuel are encountered.

Respirators must be worn whenever total airborne hydrocarbon levels in the breathing zone of field personnel reach or exceed a 15-minute average of 25 ppm. If total airborne hydrocarbons in the breathing zone exceed 100 ppm, work must be suspended, personnel directed to move a safe distance from the source, and the HSO or designee consulted.

Chemical-resistant safety boots must be worn during the performance of work where surface soil is obviously contaminated.

### Monitoring

Personal exposure to ambient airborne hazards will be monitored to assure that personnel exposures do not exceed acceptable limits and that appropriate selection of protective equipment items is made. If concentrations approach criteria levels, all personnel will be notified of possible site safety changes. Audits will be conducted by the Safety Officer to insure compliance with the Safety Plan and to provide additional support as required.

### Area Control

Access to hazardous and potential hazardous work sites must be controlled to reduce the probability of occurrence of physical injury and chemical exposure of field personnel, visitors and the public. A hazardous or potential hazardous area includes area where a tank removal or related activity is being performed and/or field personnel are required to wear respirators.

Cordons, barricades, and/or emergency traffic cones or posts, depending on conditions must identify the boundaries of hazardous and potentially hazardous areas. If such areas are left unattended, signs warning of the danger and forbidding entry must be placed around the perimeter if the areas are accessible to the public. Trenches and other large holes must be guarded with wooded or metal barricades spaced no further than 20 feet apart and connected with yellow caution tape. The barricades must be placed no less than two feet from the edge of the excavation or hole.

Entry to hazardous areas shall be limited to individuals who must work in those areas. Unofficial visitors must not be permitted to enter hazardous areas while work in those areas is in progress.

Official visitors should be discouraged from entering hazardous areas, but may be allowed to enter only if they agree to abide by the safety officer and are informed of the potential dangers that could be encountered in the areas.

### Decontamination

Field decontamination of personnel and equipment is not required except when contamination is obvious (visual or by odor). Recommended de-contamination procedures follow:

#### Personnel

Gasoline, heating oil, diesel and oil should be removed from skin using a mild detergent and water. Hot water is more effective than cold. Liquid dishwashing detergent is more effective than hand soap. If weathered to an asphaltic condition, mechanics waterless hand cleaner is recommended for initial cleaning followed by detergent and water.

#### Equipment

Gloves, respirators, hard-hats, boots and goggles should be cleaned as described under personnel. However, if boots do not become clean after washing with detergent and water, they should be cleaned with a strong solution of trisodium phosphate and hot water. If this fails, clean with diesel oil followed by detergent and water to remove diesel oil.

Sampling equipment, augers, vehicle undercarriages, and tires should be steamed cleaned. The steam cleaner is a convenient source of hot water for personnel and protective equipment cleaning.



## **6.0 SAFETY AND HEALTH TRAINING**

Each individual on the job site should have been or is preparing to attend the 40 hr. Hazardous Materials Handling Course as required by the California Occupational Safety and Health Association. In addition, the HSO conducts BI-weekly health and safety meetings.

Each morning before fieldwork begins, all field personnel, including subcontractor employees, must attend the site-specific safety briefing at their work site to receive assignments and safety procedures.

## **7.0 RECORD KEEPING REQUIREMENT**

The following record keeping requirements will be maintained in the program file indefinitely. The particular organization responsible for these records is also listed.

- Copy of this Health and Safety Plan - Golden Gate Tank Removal.
- Health and Safety Training Certification Form for Site Safety Officer -- Golden Gate Tank Removal.
- Any accident/illness report forms -- All Parties.
- Personal sampling results -- Golden Gate Tank Removal.
- Documentation of employee's medical ability to perform work and wear respirators -- All parties.

Prepared By:



Helen Meneses  
Golden Gate Tank Removal, Inc.

# ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/11/2008

PRODUCER (415)978-3800 FAX: (415)978-3825  
Calender-Robinson Company, Inc.  
FB0267063  
300 Montgomery St., Suite 888  
San Francisco CA 94104

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED  
Golden Gate Tank Removal, Inc.  
3730 Mission Street  
San Francisco CA 94110

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Everest Indemnity Ins.	
INSURER B: Safeco Insurance	
INSURER C:	
INSURER D:	
INSURER E:	

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	X	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	4000007291-081	1/23/2008	1/23/2009	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	X	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	24 CC 223156 01	1/23/2008	1/23/2009	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
		<b>EXCESS/UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
A		<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A		<b>OTHER Contractors</b> Pollution Liability	4000007291-081	1/23/2008	1/23/2009	\$1,000,000 Each Claim \$2,000,000 Aggregate

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS  
 A Professional Liability 4000007291-081 1/23/2008 1/23/2009 \$1,000,000 Each Incident Limit \$2,000,000 Aggregate

\* 10-Day Notice of Cancellation Applies for Non-Payment of Premium.

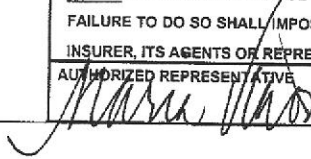
## CERTIFICATE HOLDER

## CANCELLATION

TO BE DETERMINED AT INSURED'S REQUEST

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

ISSUE DATE: 10-01-2007

GROUP: 000571  
POLICY NUMBER: 0007200-2007  
CERTIFICATE ID: 159  
CERTIFICATE EXPIRES: 10-01-2008  
10-01-2007/10-01-2008

GOLDEN GATE TANK REMOVAL  
3730 MISSION ST  
SAN FRANCISCO CA 94110-5830

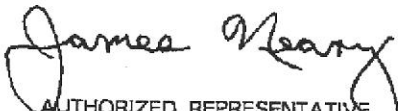
NA

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

  
AUTHORIZED REPRESENTATIVE

  
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE.

ENDORSEMENT #1600 - JAMES F. TRACY CEO, CFO - EXCLUDED.

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 10-01-2001 IS  
ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

GOLDEN GATE TANK REMOVAL, INC  
3730 MISSION ST  
SAN FRANCISCO CA 94110

NA

State of California  
**Contractors State License Board**

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code  
and the Rules and Regulations of the Contractors State License Board,  
the Registrar of Contractors does hereby issue this license to:

**GOLDEN GATE TANK REMOVAL INC**



to engage in the business or act in the capacity of a contractor  
in the following classification(s):

**A - GENERAL ENGINEERING CONTRACTOR  
C-8 - CONCRETE  
HAZ - HAZARDOUS SUBSTANCES REMOVAL  
HIC - HOME IMPROVEMENT CERTIFICATION**

Witness my hand and seal this day,

March 26, 2001

**Issued March 26, 1991**

**CERTIFIED COPY**

This license is the property of the Registrar of Contractors, is not  
transferrable, and shall be returned to the Registrar upon demand  
when suspended, revoked, or invalidated for any reason. It becomes  
void if not renewed.



Stephen P. Sands  
Registrar of Contractors

**Reassigned 616521**

License Number

Signature of Licensee

Signature of License Qualifier

