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**DEPARTMENT OF RESOURCE MANAGEMENT**



**SOLANO  
COUNTY**

Environmental Health Division

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File #: \_\_\_\_\_

**APPLICATION TO CLOSE AN UNDERGROUND  
STORAGE TANK FOR HAZARDOUS SUBSTANCES**

REMOVE \_\_\_\_\_ TEMPORARY CLOSURE \_\_\_\_\_ CLOSE IN PLACE \_\_\_\_\_

**Applicant:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Company / Agency:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**SITE LOCATION**

**Facility Name:** \_\_\_\_\_

**Facility Address:** \_\_\_\_\_

**Property Owner:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**Tank(s) Owner:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**Business Owner:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**WORKERS' COMPENSATION DECLARATION**

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.). Certified copy is hereby furnished \_\_\_\_ Certified copy is filed with Solano County \_\_\_\_

**Applicant** \_\_\_\_\_ **Exp. Date** \_\_\_\_\_ **Policy #** \_\_\_\_\_ **Company** \_\_\_\_\_

**CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE**

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

**Applicant** \_\_\_\_\_ **Date** \_\_\_\_\_

**NOTICE TO APPLICANT:** If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

**CALIFORNIA INDUSTRIAL SAFETY PERMIT CLASSIFICATION**

I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by this permit (Chap. 3.2, Grp 2, Art 2, Sec 341, Title 8, CCR). \_\_\_\_ Initial

As owner-builder, I will not perform or employ anyone to do work which would require a permit from the Division of Industrial Safety, unless such person has a permit to such work from the division. \_\_\_\_ Initial

Division of Industrial Safety Permit No. \_\_\_\_\_

I certify that I have read this application and state that the above information is true and accurate to the best of my knowledge. I agree to comply with all applicable county ordinances, State and Federal laws, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspections purposes.

**Applicant's Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**CONTRACTOR/LICENSES**

Contractor's Business Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Consultant: \_\_\_\_\_ Phone #: \_\_\_\_\_  
State Contractor's License # \_\_\_\_\_ Type: \_\_\_\_\_  
State Contractor's Hazardous Substance Certification # \_\_\_\_\_

**TANK DATA**

Number of tanks to be: Removed \_\_\_\_ Closed in Place \_\_\_\_\_ Temporarily Closed \_\_\_\_\_  
Remaining in use after proposed closures \_\_\_\_\_

**Note: Tank owner or representative must properly inactive UST system for all State UST Tank Screens for each tank in CERS.**

	Tank A	Tank B	Tank C	Tank D	Tank E
Capacity					
Contents					
Steel or FRP					
Age					

**PLOT PLAN**

- Attach a plot plan which shows the following:
- Plot plan scale and north arrow
  - Location of tank(s) and associated piping
  - Location of sewer, electrical, water, & gas lines
  - Location of buildings and property lines
  - Location of water wells and groundwater monitoring wells

**SITE SAFETY PLAN**

- Attach a site safety plan that addresses, as a minimum, the following:
- Anticipated physical hazards, overhead, equipment etc.
  - Fire/explosion prevention measures (meter required)
  - Excavation entry procedures, sloping and shoring
  - Protective clothing and chemical hazards
  - Confined space entry
  - Emergency medical procedures, evacuation

**CLOSURE-BASIC REQUIREMENTS**

By what method(s) will all residual vapors, liquids, solids, or sludge be removed?

Who will transport and how will the components of underground storage tank systems be disposed?

What laboratory, licensed by the SWRCB, Division of Drinking Water, will perform analysis?

Who is the sample collector and is this individual knowledgeable in sample collection and preservation?

What is the destination for residual hazardous wastes?

If the Tank is not cleaned and certified per Title 22 CCR, under what Environmental Protection Agency ID. No. will the tanks and associated piping be manifested?

### COLLECTION OF SAMPLES

Samples are taken 2 feet into native below each tank, undisturbed, soil on the basis of:

- one sample under the tank fill end for tanks under 1,000 gallons
- two samples, one under each end of a tank up to 10,000 gallons
- three samples, one under the ends and one under the center of tanks over 10,000 gallons.

If groundwater is encountered, the same number of samples shall be taken 6 " above the soil/groundwater interface and one sample taken of the groundwater. The excavation may be purged of water prior to obtaining the water sample. (Sampling from the saturated zone is recommended as a source of additional useful data).

Excavated materials in the spoils pile shall be sampled as a 4:1 composite sample for each 50 cubic yards or as a discrete sample for each 20 cubic yards.

Product lines shall be sampled every 20 linear feet beginning at the entry point to the tank excavation and measured backward to the pump or fill with both ends sampled as a minimum. Samples collected 2 feet below piping in into native undisturbed soil

Additional samples may be required if observed conditions warrant further data.

### TEMPORARY CLOSURE

Where will power be disconnected?

What method will be used to seal access locations?

Frequency of inspection to verify tank(s) empty and seals in place?

### CLOSURE IN PLACE

Basis for requesting Closure in Place:

Will piping be removed or emptied and capped?

What inert solid will be used to fill the tank?

Is the proposed boring location at the centerline or at the tank ends?

Depth to groundwater?

What is the verified groundwater gradient?

What is the location of the monitoring well?

Describe your procedures to clean tank per Title 22, 67383.3

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**Note:** Additional samples may be required subject to mitigating conditions encountered at the time of removal, or closure in place e.g. groundwater, condition of tank(s) and piping, contamination, etc. Samples taken during soil boring or monitoring well installation shall be at every 5 feet, including groundwater, and as lithology changes. Soil Boring permits are required.

You must notify the applicable Building Department, Fire Department, and Air Quality District having jurisdiction. Submit findings of all soils and/or groundwater sampling and analysis done pursuant to this closure to determine extent of any contamination

within 30 days of removal.

The Division shall be provided with at least 48-hour notice prior to the closure of the tank(s). Fees must be paid with the permit application.

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**Enclosure # 1**

**ANALYSES/REQUIRED FOR UNDERGROUND STORAGE TANK CLOSURES**

**WASTE OIL TANK**

**SOIL**

TPH as Gas 5030/3550/8015M  
TPH as Diesel 3550/8015M  
Oil and Grease 5520 or 413.1(EPA)  
Halogenated Hydrocarbons: 8260B  
BTEX 8021/8260B & Fuel Oxygenates/Additives\* 8260B  
ICAP Metals:  
Cd, Cr, Pb, Ni, Zn 6010  
PCBs 8080  
Naphthalene, PNAs, & SEMIVOLATILES 8270

**WATER**

5030/3550/8015/8021/8260  
3510/8015M  
5520 C&F/413.2(EPA)  
8260B  
8260B  
  
6010  
8080  
8270

**FUEL, GASOLINE OR DIESEL TANK**

**SOIL**

TPHg and TPHd 5030/8020/8015M  
BTEX & Fuel Oxygenates/Additives\* 8260B  
Total Lead 6010  
Ethanol/Methanol 8015B  
Naphthalene, 8270

**WATER**

5030/3510/8015/8021  
8260B  
6010  
8015B  
8270

**Notes:**

\*Fuel Oxygenates/Additives include; Methyl-tert-Butyl Ether (MtBE), Tert-Butanol (TBA), Di-isopropyl Ether (DIPE), Ethyl tert-Butyl Ether (ETBE), Tert-Amyl methyl Ether (TAME), Methanol, Ethanol, and 1,2-Dichloroethane (1,2-DCA).

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