Department of
Resource Management

675 Texas Street, Suite 5500
FAIRFIELD, CALIFORNIA 94533
707-784-6765

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 Endorsement #_____

TANK DATA

Number of tanks to be: Removed _____ Closed in Place_____Temporarily Closed _____

Remaining after proposed closures_____

Note: Submit State "A" Form for the site and State "B"Form for each tank.

	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 will all residual vapors, liquids, solids, or sludge be removed?

What licensed hazardous waste hauler will transport hazardous waste and/or underground tanks?

What laboratory, licensed by the California Department of Health Services, 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?
Environmental Protection Agency ID. No. under which tank will be manifested?

REMOVAL

What is the destination of the underground tank(s)?
The required number of soil samples per tank shall be:
<1,000 gallons - 1; >1,000 - 9999 gallons -2; >10,000 gallons - 3
Also required to be sampled: Groundwater - 1 (if present); Piping every 20 linear feet;
Excavated soil every 50 cubic yards (composite 4:1) or every 20 cubic yards (discrete)

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?

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, to and including groundwater, and as lithology changes. Soil Boring permits are required.

You must notify the 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.

All Clean-up Proposals must be submitted in report form to the Environmental Health Services Division before any actual work is begun. **The Division shall be provided with at least a 48 hours notice prior to the closure of the tank(s)**. **Fees must be paid with the permit application.**

I certify that I have read this application and state that the above information is correct. I agree to comply with all applicable county ordinances, State and Federal laws relating to underground storage tank closure, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspections purposes.

Applicant's Signature _____Date_____

Enclosure # 1

ANALYSES/PROCEDURES REQUIRED FOR UNDERGROUND STORAGE TANK CLOSURES

WASTE OIL TANK

SOIL	WATER
TPH as Gas 5030/3550/8015M	5030/3550/8015/8021/8260
TPH as Diesel 3550/8015M	3510/8015M
Oil and Grease 5520 or 413.1(EPA)	5520 C&F/413.2(EPA)
Halogenated Hydrocarbons: 8260B	8260B
BTEX 8021/8260B & Fuel Oxygenates/Additives* 8260B	8260B
ICAP Metals:	
Cd, Cr, Pb, Ni, Zn 6010	6010
PCBs 8080	8080
Napthalene, PNAs, & SEMIVOLATILES 8270	8270

FUEL, GASOLINE OR DIESEL TANK

SOIL	WATER
TPHg and TPHd 5030/8020/8015M	5030/3510/8015/8021
BTEX & Fuel Oxygenates/Additives* 8260B	8260B
Total Lead 6010	6010
Ethanol/Methanol 8015B	8015B
Napthalene, 8270	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).

Samples are taken 2 feet into native 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.

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