Environmental Management Department
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CONSOLIDATED APPLICATION FOR A PERMIT TO REMOVE UNDERGROUND STORAGE TANKS

FOR AGENCY USE ONLY

DATE REC'D: _____ REMOVAL AUTHORITY #: _____ BY: _____

RECEIPT #: _____ FEE: _____ BY: _____

SR# _____ FA#: _____

Application expires six months from date of submittal. The Permit fee is to be submitted with this application. Please refer to the fee schedule for the amount due.

ALLOW AT LEAST FOURTEEN (14) DAYS FOR THE ISSUANCE OF AN AUTHORITY TO REMOVE UST LETTER. ALLOW MORE TIME IF PORTIONS OF THIS APPLICATION ARE INCOMPLETE OR INCORRECT.

A REPRESENTATIVE FROM THE SACRAMENTO COUNTY ENVIRONMENTAL MANAGEMENT DEPARTMENT (SCEMD) MUST BE PRESENT DURING THE TANK REMOVAL AND SAMPLING. AN INSPECTION APPOINTMENT MUST BE ESTABLISHED AT LEAST 48 HOURS PRIOR TO THE TANK REMOVAL.

Owner's Name _____ Phone _____

Owner's Address _____ City _____ Zip _____

Facility Name _____ Phone _____

Facility Address _____ City _____ Zip _____

Nearest Cross Street _____ Fire Prevention District _____ Assessor's Parcel Number _____

Contractor _____ Phone _____

Contractor's Address _____ City _____ Zip _____

Contractor's License Number _____ Expiration Date _____

Hazardous Waste Transporter (Rinsate or Tanks) _____ EPA Number _____ Hazardous Waste Generator # _____

Section I. **REQUIRED INFORMATION**

Check One: Tanks & Piping _____ Piping Only _____

Size of Tanks(s): _____ _____ _____ _____

Product Stored: _____ _____ _____ _____

Destination of tank(s) after removal:

_____

_____

Destination of rinsate:

_____

Section II: **SOIL SAMPLING PROTOCOL**

The owner or his agent shall be responsible for contracting with an independent qualified third party to collect soil samples from the tank excavation at the time of the tank removal. The owner or his agent shall have the samples analyzed at a State approved analytical laboratory for tank product constituents as required by SCEMD. **Brass, stainless steel, or Teflon tubes shall be used to take soil samples.** Glass containers (i.e., VOA bottles) shall be used to take water samples. Other sampling arrangements shall be approved in advance by ECD on a case by case basis. **The owner or his agent shall be responsible for making alternative arrangements in advance with SCEMD.** Soil sampling personnel shall be on site at the time of the tank removal**.**

Identify who will perform soil sampling:

_____

Person/Company Name Address Phone Number

Identify analytical laboratory:

_____

Laboratory Address Phone number

SOIL SAMPLE ANALYSES, QUALITY CONTROL DATA, SAMPLING PLOT MAP, AND SAMPLE CHAIN OF CUSTODY SHALL BE DELIVERED TO ECD WITHIN 30 DAYS OF SAMPLING.

Estimate date for sample results submittal:

Section III. **REQUIREMENTS AND LIMITATIONS**

Issuance of Authority to Remove is subject to compliance with the requirements listed below, approval by field inspection, and adherence to testing protocols. The following is based on applicable sections of the Uniform Fire Code, the California Code of Regulations, and the California Health and Safety Code. **All requirements must be observed.**

_____ 1. Provide a minimum of two (2) fire extinguisher(s) with a minimum class rating of 20BC within 50 feet of the removal operation.

_____ 2. **THERE SHALL BE NO SMOKING ON THE JOB SITE, AND "NO SMOKING" SIGNS SHALL BE POSTED.** There shall be no welding or other ignition sources in the area during the removal operation. (7901.10, 7902.1.3, & 7902.1.4. UFC)

_____ 3. **ALL RESIDUAL LIQUID, SOLIDS, AND SLUDGE SHALL BE REMOVED AND HANDLED PURSUANT TO THE APPROPRIATE PROVISIONS OF DIVISION 20, CHAPTER 6.5 OF THE HEALTH AND SAFETY CODE. IF THESE PROVISIONS ARE NOT MET, THE TANKS MUST BE HANDLED AND TRANSPORTED AS HAZARDOUS WASTE.**

_____ 4. Remove all flammable liquid from the tank using the system pumps and a hand pump or other device to remove any remaining product. Remove all flammable liquids from the system piping, including the foot valve risers on suction systems. Avoid spilling product into the tank and piping excavation.

_____ 5. All tanks shall be triple rinsed to remove residual sludge and debris. The rinsate shall be collected, handled, transported, and disposed of pursuant to applicable sections of Division 20, Chapter 6.5 of the Health and Safety Code. Any variation is subject to approval by SCEMD.

_____ 6. After triple rinsing, all tanks shall be temporarily purged of flammable vapors with solid carbon dioxide ("dry ice") at a ratio of two (2) pounds dry ice per 100 gallons of tank capacity. Dry ice shall be deposited in all appropriate tank openings at least 1.5 hours prior to tank removal to insure sufficient purging and venting. Using more than twp (2) pounds of dry ice per 100 gallons of tank capacity is recommended to purge vapors from tanks of 5,000 gallons or more in capacity. Alternative purging methods are subject to prior approval by SCEMD. Only dry ice shall be used to purge vapors for preparing tanks prior to off-site transport.

_____ 7. Disconnect all existing piping from the tank. After exposing the top of the tank, a PVC (preferably), or metal vent pipe (with a non sparking connector) shall be installed on each tank. The top of the pipe shall extend at least two (2) feet above the breathing zones of tank workers and shall direct tank vapors away from any ignition sources. The vent riser shall be removed prior to tank removal and replaced with a plug having a 1/4" diameter hole to vent additional fumes generated during transport. All other holes and openings shall be plugged with threaded or fixed expansion plugs that will remain in place during tank transport.

_____ 8. Immediately prior to tank removal, the lower explosive limit (LEL) and oxygen (O2) levels inside the tank shall be measured with a metering device designed and calibrated to accurately assess those indicators. The measurement shall be witnessed by the on site local agency representative(s). Both the LEL and O2 levels shall be no higher than 10% inside the tank. Removing a tank with LEL and/or O2 levels above 10% shall be at the discretion of the SCEMD. It is the responsibility of the tank owner, operator, or removal contractor to provide, calibrate, and properly operate the monitoring device.

_____ 9. **ON SITE CUTTING OF TANKS IS PROHIBITED**. Any deviations from this policy (i.e., cutting into tanks containing cement, sand, gravel, etc.) shall be coordinated with, and approved in advance by SCEMD and the local fire protection district. A written proposal for onsite tank cutting must be submitted to SCEMD and the local fire protection district prior to any cutting. The contractor, or his designated representative, is responsible for coordinating the approval process. No "hot cutting" shall be allowed under any circumstances.

_____ 10. The Underwriters Laboratories' (U.L.) tags shall be removed from all tanks and given to the SCEMD or local fire representative on site.

_____ 11. All excavated soil shall be stock piled on impervious material directly adjacent to or in the immediate vicinity of the tank excavation.

_____12. All soil appearing to be contaminated with petroleum hydrocarbons or similar contaminants shall be stored separately from soil not appearing to be contaminated, should site conditions permit. All contaminated soils shall be covered with a material impervious to inclement weather, and shall be handled, transported and disposed of pursuant to applicable sections of the Health & Safety Code. Contaminated soil may be remediated on site with prior approval from ECD.

_____13. If the excavation is not immediately filled in, a secure fence must be installed around its perimeter.

_____14. After the tank removal, the following information must be submitted to SCEMD:

- Rinsate manifest (unless rinsing requirement waived by SCEMD);
- Tank disposal certificate;
- Site map to scale with sample locations and identification;
- Complete analytical results, including chain-of-custody and laboratory quality assurance and control sheets. Preliminary results are not acceptable.
- Documentation of stockpile quantity and disposition.

Upon receipt of the above documentation, and assuming no contamination problem exists, a "No Further Action" letter will be issued by SCEMD.

I have read, understand and will adhere to the requirements of this application. I further understand that failure to comply with requirements of this application may result in civil penalties of not less than $500.00 per day and not more than $5,000.00 per day. (Sec.25299CH&SC)

_____

OWNER/AGENT NAME (*Printed & Signature*)

_____ _____

DATE PHONE NUMBER

Field Inspector _____ Permit # _____ Date _____

Site Address _____ Apparent evidence of contamination? ☐ Yes ☐ No

Were tank(s) rinsed? ☐ Yes ☐ No Disposition of rinsate: _____

_____

_____

_____

N

1-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____

2-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____

3-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____

4-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____

5-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____

6-_____ gal., Product_____
Oxygen _____L.E.L. _____ U.L. #_____
Samples_____