

To: All Contractors Involved with Underground Storage Tank Removal

From: Kern County Environmental Health Division Unified Hazardous Materials/Waste Program

Re: Application for Underground Storage Tank Systems Removal

In order to expedite permit processing, the permit application becomes the permit when approved. The application must be completed and submitted to the department for review, and you should obtain a copy of the approved permit before beginning any work associated with the removal of the tank.

The following information is provided to assist you in filling out the application. Complete applications may be processed over the counter:

1. The **Applicant must provide information requested on the front of the application**, along with a **plot plan on the back**, and **sign the back as the owner or as an authorized representative**.
2. The **permit fee** must be submitted with the application or it will be returned.
3. Contractors should have current copies of the following information on file with the program:
 - a. Current pocket copy with expiration date clearly noted for one of the following **contractor's licenses**:
 - i. General A
 - ii. C-61/D-40 (Issued prior to January 18, 2001)
 - iii. General B with restrictions

All contractors shall also have a hazardous substance certification on their licenses.

- b. Current copy of certificate of **Worker's Compensation and Liability insurance**.
4. Preliminary site assessment contractor should have a copy of his/her **sampling protocol** on file with this program. This protocol must address requirements that are in E.P.A. document SW-846 and Kern County Handbook U.T. #30 for soil sampling.
5. The **laboratory** listed on the application must be **state certified** for the analysis of the required samples.
6. Decontamination contractor should have a copy of his/her **decontamination procedures** on file. The procedures should address site safety and include certification with the use of an explosivity meter. Tanks and piping must be cleaned to remove all sludge/residue and maintain an LEL level of five percent or less with a normal atmosphere.
7. All hazardous waste must be hauled under manifest by licensed hazardous waste haulers.
8. Underground storage tanks should be sent to an approved scrapping facility or a permitted

disposal facility for disposal.

9. There is a small space available on the back of the permit application for the Plot Plan. The applicant should provide a drawing within this space, or on an attached page, showing the tanks, piping, lengths, dimensions, proposed sampling locations designated by ⊗, and a North arrow.
10. Uncontrolled emissions from contaminated soils are not allowed unless written approval is received from the Unified Hazardous Materials/Waste Program.
11. When contaminated soil is encountered during tank removal, one of these three options must be followed:
 - a. Place contaminated soil back in the excavation with an understanding that further assessment may be required if samples retrieved suggest that significant contamination exists on site.
 - b. Segregate, cover, analyze and make preparation for disposal if analyses show significant contamination.
 - c. Dispose of the soil as it is removed from the excavation as a hazardous waste.
12. It is our policy to process completed applications in no more than five (5) working days.
13. Notify the Air Pollution Control District in writing concerning the removal of any gasoline or aviation gasoline tanks.

Kern County
 Environmental Health Services Division
 2700 M Street, Suite 300
 Bakersfield, CA 93301
 (661) 862-8740

Internal Use Only:
 PTA: _____ PTO: _____
 Application Date: _____
 # of Tanks to Abandon: _____
 Piping Ft to Abandon: _____

**APPLICATION AND PERMIT FOR PERMANENT CLOSURE
 UNDERGROUND HAZARDOUS SUBSTANCES STORAGE TANK SYSTEMS**

This Application is for Removal Abandonment in Place

Facility Information		Owner's Information		Contractor's Information	
Name		Name		Name	
Address		Address		Address	
City		City		City	
State	Zip	State	Zip	State	Zip
Phone		Phone		Phone	
Cross Street				License Type & Number	

Proposed Start Date: _____ Project Contact: _____ Phone Number: _____

Sampler	Laboratory	Disposal
Name	Name	Decontamination Contractor
Address	Address	Rinsate Disposal Location
City	City	Disposal Location for Tank & Piping
Phone	Phone	

TANK INFORMATION			
Tank #	Volume	Chemical Stored	Previous Chemical

Use additional page if needed.

POST ON PREMISES

CONDITIONS AS FOLLOWS:

1. It is the responsibility of the Permittee to obtain permits which may be required by other regulatory agencies prior to beginning work (i.e., City Fire and Building Departments).
2. Permittee should notify the Unified Hazardous Materials/Waste Program at (661) 862-8740 two working days prior to tank removal or abandonment in place to arrange for required inspections(s).
3. Tank closure activities should be per Kern County Environmental Health and Fire Department approved methods as described in Handbook UT-30.
4. It is the contractor's responsibility to know and adhere to all applicable laws regarding the handling, transportation or treatment of hazardous materials.
5. The tank removal contractor should meet all minimum supervisory requirements as specified in laws enforced by the Contractor's Licensing Board.
6. If any contractors other than those listed on permit and permit application are to be utilized, prior approval should be obtained by the specialist approving the permit. Deviation from the submitted application is not recommended without prior approval.
7. State UST regulations specify that soil samples be retrieved within the native material beneath portions of the underground storage tanks. The following are local sampling recommendations that could prevent unnecessary remediation costs:
 - a. Tank size less than or equal to 1,000 gallons - a minimum of two samples, retrieved from beneath the center of the tank at depths of approximately two feet and six feet.
 - b. Tank size greater than 1,000 to 10,000 gallons - a minimum of four samples, retrieved one-third of the way in from the ends of each tank at depths of approximately two feet and six feet.
 - c. Tank size greater than 10,000 gallons - a minimum of six samples, retrieved one-fourth of the way in from the ends of each tank and beneath the center of each tank at depths of approximately two feet and six feet.

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED

(continued on reverse side)

POST ON PREMISES

8. Sample locations to be specified either within a plot plan attached or one provided on this permit application.
9. Piping samples are to be retrieved at depths of approximately two feet and six feet for every 20 linear feet of pipe run and under the dispenser area.
10. Soil Samples shall be analyzed for key constituents representative of the materials stored. The following are local recommendations for sample analysis:
 - a. Gasoline - benzene, toluene, xylene, ethyl benzene, MTBE, and total petroleum hydrocarbons (gasoline)
 - b. Diesel - benzene, MTBE, and total petroleum hydrocarbons (diesel)
 - c. Waste oil - oil and grease, and total lead
 - d. Unknown - Samples should be analyzed for a full range of substances which may have been stored within the tank
11. To ensure that the permit processing is cost-effective, the following time line is recommended:

ACTIVITY

DEADLINE

Drawing of Physical Layout of Facility

Notification to inspector listed on permit of date and time of closure and soil sampling	Two working days
Transportation and tracking forms sent to Hazardous Materials Management Program. All hazardous waste manifests must be signed by the receiver of the hazardous waste	No later than 5 working days for transportation and 14 working days for the tracking form after removal
Sample analysis to Hazardous Materials Management Program	No later than 3 working days after

12. Purging/Inerting Conditions:
 - a. Liquid shall be pumped from the tank prior to purging, such that less than 8 gallons of liquid remains in the tank (CSH&SC 41700)
 - b. Tank shall be purged through vent pipe discharging at least 10 feet above ground level. (CSH&SC 41700)
 - c. No emission shall result in odors detectable at or beyond property line. (Rule 419)
 - d. No emission shall endanger the health, safety, comfort or repose of any person. (CSH&SC 41700)
 - e. Vent lines shall remain attached to tank until the inspector arrives to authorize removal.

Provide a drawing in the space above of tanks, piping, lengths, dimensions, proposed sampling locations designated by ⊗, and North arrow (use additional page if needed).

RECOMMENDATIONS/GUIDELINES FOR REMOVAL OF UNDERGROUND STORAGE TANKS

This department is responsible for ensuring that the standards contained in the Kern County Ordinance Code, Division 8 and State regulations pertaining to underground storage tanks are met. The guidelines and conditions provided within this permit are to assist this Department in meeting that goal.

- It is the contractor's/applicants responsibility to know and abide by CAL-OSHA regulations.
- Tracking forms, hazardous waste manifests and analyses documentation are necessary for each site in order to close a case file or move it into mitigation. When contractors do not follow through on necessary paperwork, an unmanageable backlog of incomplete cases results, resulting in prolonged processing time for completing site closures.

THE APPLICANT HAS RECEIVED, UNDERSTANDS, AND WILL COMPLY WITH THE ABOVE CONDITIONS OF THIS PERMIT AND ANY OTHER STATE, LOCAL AND FEDERAL REGULATIONS PERTAINING TO WORK COMPLETED ON SITE.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY AND TO THE BEST OF MY KNOWLEDGE IS TRUE AND CORRECT.

Owner's Signature:	or Authorized Representative:	Date:
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Office Use

Approved By:	Total Fee:	Date Paid:
Issue Date:	Recpt. No.	Fee Received By:
Expiration Date:		

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED