



Roseville Fire Department Application to Remove Underground Storage Tank

316 Vernon Street, Suite 480, Roseville, CA 95678
Phone (916) 774-5800 Fax (916) 774-5810

Permit Address _____ Date _____

Permit Number _____ Expiration Date _____

The above referenced address is issued an operational permit for the removal of underground storage tanks with the following comments and/or corrections attached as conditions of the permit. These documents become part of the permit. No final inspection for the completion of the construction site will be approved without the following conditions or comments being complied with and performed as required. Application expires six months from date of submittal. Notification shall be no less than 48 hours prior to the tank removal unless otherwise approved. A representative from the Roseville Fire Department shall be present during the tank removal. Permit fee is to be submitted with this application.

Owner's Name _____ Phone _____

Owner's Address _____ City _____ Zip _____

Facility Name _____ Phone _____

Facility Address _____ City _____ Zip _____

Nearest Cross Street _____ Fire Station _____ 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:

Tanks & Piping: _____ Piping Only: _____

Size of Storage Tank(s): _____

Product Stored: _____

Destination of tanks and associated equipment after removal:

_____ Contact Info: _____

Destination of rinsate:

_____ Contact Info: _____

Section II: Soil Sampling Protocol:

The owner or 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 agent shall have the samples analyzed at a State approved analytical laboratory for tank product constituents as required by the Roseville Fire Department. 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 the Roseville Fire Department on a case-by-case basis. The owner or agent shall be responsible for making alternative arrangements in advance with the Roseville Fire Department. Soil sampling personnel shall be on site at the time of the tank removal.

Identify who the licensed professional will be:

Identify who will perform soil sampling:

Identify analytical laboratory:

Soil sample analyses, quality control data, sampling plot plan, and sample chain of custody shall be delivered to the Roseville Fire Department within 30 days of sampling.

Estimated 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. A Roseville Fire Department Inspector shall be on-site to witness the tank removal process. The following is based on applicable sections of the California Fire Code (CFC), the California Code of Regulations (CCR), and the California Health and Safety Code (CH&SC). All requirements must be observed.

1. Only non-sparking tools shall be used in this process.
2. Provide a minimum of 2 fire extinguishers with a minimum class ratings of 20-B:C within 50 feet of the removal operation.
3. There shall be no smoking on the job site. "NO SMOKING" signs shall be posted and easily viewed from all sides. There shall be no welding or other ignition sources in the area during the removal operation.
4. 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.
5. 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.
6. 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.
7. After triple rinsing, all tanks shall be temporarily purged of flammable vapors with solid carbon dioxide ("dry ice") at a ratio of 2 pounds dry ice per 100 gallons of tank capacity. Dry ice shall be deposited in all appropriate tank openings at least 1½ – 2 hours prior to tank removal to ensure sufficient purging and venting. Using more than 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. Only dry ice shall be used to purge vapors for preparing tanks prior to off-site transport unless otherwise approved.
8. Remove all existing piping from the tank – do not tear tank open. After exposing the top of the tank, PVC (preferably), or a metal vent pipe (with a non-sparking connector) shall be installed on each tank. The top of the pipe shall extend at least 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 no larger than 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.
9. Underground storage tanks shall be removed intact. Tanks shall not be punctured or crushed on site. Inspect and document all signs of leakage.
10. 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. Recalibration shall take place in front of the Roseville Fire Department Inspector. Both the LEL and O₂ levels shall be no higher than 10% inside the tank. It is the responsibility of the tank owner, operator, or removal contractor to provide, calibrate, and properly operate the monitoring device.
11. On site cutting of tanks is strictly 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, the

Roseville Fire Department. A written proposal for onsite tank cutting must be submitted to the Roseville Fire Department prior to any cutting. The contractor or designated representative is responsible for coordinating the approval process. No "hot cutting" shall be allowed under any circumstances.

12. The Underwriters Laboratories (U.L.) tags and other identifications shall stay on the tank. Document the U.L. number and all other identifications.
13. All excavated soil shall be stockpiled on impervious material directly adjacent to, or in the immediate vicinity of the tank excavation, unless otherwise approved.
14. 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.
15. If the excavation is not immediately filled in, a secure fence must be installed around its perimeter. Additional safety precautions may be imposed.
16. The Roseville Fire Department will coordinate with the Central Valley Regional Water Quality Control Board to provide consistency and concurrence in the appropriate investigative and remedial actions proposed.
17. The following information must be submitted to the Roseville Fire Department:
 - Scope of work.
 - Rinsate manifest.
 - 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.

Owner / Agent Name (Print)

Signature

Date

Phone Number

RFD Inspector's Approval (Print)

Signature

Date

OFFICIAL USE ONLY – CERTIFICATION THAT TANK SYSTEM CLOSURE ACTIVITIES ARE COMPLETE AND THAT THE OWNER/OPERATOR HAS SUFFICIENTLY DEMONSTRATED THAT TANK REMOVAL AND SOIL SAMPLING COMPLIES WITH STATUTE AND REGULATIONS:

Agency _____ Date: _____

Print Name: _____ Sign Name: _____

***If contamination of any detectable concentration is found, contact the Regional Water Quality Control Board for cleanup and/or remediation requirements. This certification is not synonymous with a No Further Action determination.**