



CITY OF BUCKLEY FIRE DEPARTMENT UNDERGROUND STORAGE DECOMMISSIONING PERMIT (COMMERCIAL)

Applications must be submitted at least ten (10) working days prior to tank removal.

A permit will be issued after review and approval of the application.

The following information is required to be submitted along with the City of Buckley Underground Storage Tank Decommissioning Permit Application. *Applications that are incomplete or lack required submittals will not be reviewed and will be returned to the applicant.*

Submittal Requirements: *(All submittal requirements shall be submitted in duplicate. One approved set of submittals will be returned to the applicant and one set will be retained by the City of Buckley Fire Department. If the applicant requires more than one set of approved submittals, then additional submittal sets shall be provided at the time of application)*

Site Diagram –

- Site plan showing tank location with setbacks from:
 - Property lines;
 - Buildings;
 - Public and private drives and roads;
 - Other tanks;
 - Storm drains;
 - Utilities (electric, gas, water, and sewer)
 - Wells
 - Drinking water supply watersheds

Tank Data –

- Tank information including:
 - Age of tank;
 - Dimensions (diameter, length and capacity)
 - Tank construction (e.g. single-wall steel, fiberglass, etc.)
 - Tank condition (probability of evidence of failure)

Licensing & Permitting –

- Proof of licensing:
 - Contractor's IFCI, or other acceptable certification, name and license number.
 - Site Supervisor name, license number and site phone contact number.
 - Labor and Industries Contractor's License

- Verification of other AHJ Permitting:
 - Tacoma – Pierce County Health Department (TPCHD) Underground Storage Tanks Decommissioning Permit (*If you have questions contact TPCHD Rob Olsen at 253-798-2855*).
 - Washington State Department of Ecology (DOE) 30-day Notice and any other DOE requirements.

- City of Buckley Land Disturbing Activity Permit:
 - A City of Buckley Land Disturbing Activity Permit is required per Buckley Municipal Code 16.01.010 for excavating, grading, and filling activities in any material quantities of 100 cubic yards per the lifetime of a site. (Contact the City of Buckley Building & Planning Department located at 811 East Main Street, Buckley, WA; call (360) 829-1921).

Provide proof that the following site requirements will be met as applicable:

- List the final disposal location: _____
- Check for and control potential sources of ignition.
- A combustible gas indicator (CGI) shall be used to check for hazardous vapor concentrations.
- No “Hot” work on site will be allowed unless tank(s) are flammable/combustible vapor free.
- Vapor hazard area is to be cordoned off in an approved manner.
- Vapor hazard area is to have sufficient 40-BC dry chemical extinguishers on-site and readily available.
- All underground utilities shall be marked with paint so as to be readily visible.
- All open flame and spark-producing equipment within the vapor hazard area shall be shut down.
- Electrical equipment in the area must be explosion proof in accordance with NFPA 70B Class I, Division I, Group D, or otherwise approved for use in potentially explosive atmospheres.
- Lock-Out/Tag-Out power energy sources to tank.
- Product piping is drained into the tank with piping capped or removed.
- Product is removed from the tank using explosion-proof or air driven pumps.
- Provide that flammable vapors are removed in the following manner:
 - ___ Vent all vapors from the tank at a minimum height of 12 feet above grade and 3 feet above any adjacent roof.
 - ___ Purge vapors with an inert gas. This method is not to be used if the tank is to be entered for any reason. The inert gas should be introduced through a single tank opening at a point near the bottom of the tank, at the end of the tank, opposite the electricity. **CAUTION:** The discharging device must be grounded because of the potential buildup of static electricity. CO₂ extinguishers shall not be used for inerting flammable atmospheres.

- ___ Adding solid carbon dioxide (dry ice) to the tank at least 1.5 pounds per 100 gallons of tank capacity. The dry ice should be crushed and distributed evenly over the greatest possible area in the tank. Ensure all of the dry ice has evaporated before proceeding.
 - ___ Ventilation using an eductor-type mover. An eductor extension shall be used to discharge vapors a minimum of 12-feet above grade and 3-feet above adjacent roof lines.
 - ___ Ventilation with diffused air blower. The air-diffusing pipe is properly bonded to prevent the discharge of spark.
 - ___ Fill the tank with water.
 - ___ Show after tank has been freed of vapors, and before it is removed from the excavation, plug or cap all accessible holes. One plug shall have a 1/8-inch to 1/4-inch vent hole to prevent the tank from being subjected to excessive differential pressure caused by temperature change.
- At least two sides of the tank shall be exposed before removal from the ground.
 - If any contamination of ground soil is possible, then all soil removed from the tank site shall be properly protected.
 - Tanks should be labeled after removal from the ground, but prior to removal from the site. The label should state the former content and present vapor state of each tank, including vapor-freeing treatment and date. The label shall be legible letters at least 2-inches high.
 - The tank should be removed from the site as promptly as possible after vapor-freeing procedures have been completed, preferably on the day of tank removal from excavation.
 - Before the tank is removed from the site, the tank atmosphere should be checked with a CGI as to ensure that it does not exceed 20-percent of the lower flammable limit.
 - Soil samples shall be taken and sent to the proper authorities with a copy of results sent to: City of Buckley Fire Department, 611 South Division Street, Buckley, WA 98321.
 - Removal shall adhere to the International Fire Code (IFC) and other applicable standards; *and* it is the contractor's responsibility to ensure compliance with regulatory compliance of all authorities having jurisdiction.

Resources for the Contractor:

TPCHD Underground Storage Tank Removal Website:

<http://www.tpchd.org/environment/investigation/underground-storage-tank-removal/>

TPCHD Underground Storage Tanks: Guidance for Commercial Property Owners:

<http://www.tpchd.org/files/library/6202f1e0bb170c33.pdf>

TPCHD Underground Storage Tank Decommissioning Application Process:

<http://www.tpchd.org/files/library/973fd62566a02884.pdf>

TPCHD Underground Storage Tanks Decommissioning Permit Application:

<http://www.tpchd.org/files/library/5fdae07ebc1fdb59.pdf>

Washington State Department of Ecology Underground Storage Tank Website:

<http://www.ecy.wa.gov/programs/tcp/ust-lust/tanks.html>

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CITY OF BUCKLEY FIRE DEPARTMENT COMMERCIAL UST DECOMMISSIONING PERMIT APPLICATION

Applications must be submitted at least ten (10) working days prior to tank removal.

A permit will be issued after review and approval of the application.

Site Information

Facility Name:	
Site Address:	
Parcel Number:	
Removal Date:	

Site (Property) Owner Information

Owner Name:	
Phone:	
Mailing Address:	
City, State, Zip:	

UST Owner Information

check box if same as site owner

Owner Name:	
Phone:	
Mailing Address:	
City, State, Zip:	

UST Removal Company

Company:	
Certified Decommissioner:	
Phone:	
Address:	
City, State, Zip:	

(Application Continued on next page)

Site Assessor	
Company:	<input type="checkbox"/> <i>check box if same as UST Removal Company</i>
Certified Site Assessor:	
Phone:	
Address:	
City, State, Zip:	

I hereby certify that the submitted information is true, accurate and complete to the best of my knowledge and ability.

Applicants Printed Name: _____

Applicants Signature: _____

Dated: _____

* Submit with application fee of: \$105 for the first tank; plus
\$ 70 for each additional tank