



## Removal or In Place Abandonment of Underground tanks

**Policy Date:** Thursday, May 28, 2015

**Purpose:**

Provide for a uniform method for either the removal of the in place abandonment of underground tanks in accordance to 2021 IFC 5704.2.14

**Scope:**

This policy is applicable to all underground tanks including residential heating oil tanks.

**Procedure:**

A special inspection fee is to be charged.

The top part of the building permit application is to be filled out (fig.1). Under the "Description of Work", it shall be noted if the tank is to be removed or abandoned in place.

Where the owner is doing the work, the owner will need to fill out section four of the property/owner declaration form (fig.2).

Inspections are required to determine if the abandonment and removal procedures of this policy have been complied with.

**Tanks abandoned in place shall be as follows:**

1. Flammable and *combustible liquids* shall be removed from the tank and connected piping.
2. The suction, inlet, gauge, vapor return and vapor lines shall be disconnected.
3. The tank shall be filled completely with an *approved* inert solid material such as sand, pea gravel or concrete.
4. Remaining underground piping shall be capped or plugged.
5. A record of tank size, location and date of abandonment shall be retained.
6. All exterior above-grade fill piping shall be permanently removed when tanks are abandoned or removed.

**Removal and disposal of tanks.** Removal and disposal of tanks shall comply with this procedure *Removal and disposal of above-ground and underground tanks requires care because the vapors in the tank may be above the LFL for the flammable or combustible liquid. Operations to remove equipment or piping may involve heat that could ignite the vapor-air mixture or force the vapor-air mixture out of the tank where it may be ignited.*

**Removal.** Removal of above-ground and underground tanks shall be in accordance with all of the following:

1. Flammable and combustible liquids shall be removed from the tank and connected piping.
2. Piping at tank openings that is not to be used further shall be disconnected.
3. Piping shall be removed from the ground. Exception: Piping is allowed to be abandoned in place where the fire code official determines that removal is not practical. Abandoned piping shall be capped and safeguarded as required by the fire code official.
4. Tank openings shall be capped or plugged, leaving a 1/8-inch to 1/4-inch-diameter (3.2 mm to 6.4 mm) opening for pressure equalization.
5. Tanks shall be purged of vapor and inerted prior to removal.
6. All exterior above-grade fill and vent piping shall be permanently removed. **Exception:** Piping associated with bulk plants, terminal facilities and refineries.

*For tanks that will be removed and disposed, the flammable or combustible liquid is to be removed from the tank and piping and the tank must be purged. An inert gas, such as nitrogen or carbon dioxide, should be used to purge the tank, not air.*

*Tank openings are to be capped or plugged. Vent openings are to be provided in capped tank openings as a vent for equalization of internal and atmospheric pressure. Abandoned piping above ground or in the ground is to be removed to the maximum practical extent to avoid being mistaken for active piping. Any piping approved by the fire code official to remain in the ground is to be capped.*

**Disposal.** Tanks shall be disposed of in accordance with federal, state and local regulations.

*Other federal, state and local regulations address the disposal of above-ground and underground tanks.*

# BENTON COUNTY BUILDING PERMIT APPLICATION

102206 E. WISER PARKWAY, KENNEWICK, WA 99338 / PHONE (509)735-3500

APPLICATION # \_\_\_\_\_

*Please complete in full and legibly. Incomplete information may slow down the review process.*

**BUILDING OWNER** \_\_\_\_\_ **PHONE (HM)** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_ **PHONE (WK)** \_\_\_\_\_

**LEGAL PROPERTY OWNER** \_\_\_\_\_ **PHONE** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_ **CITY** \_\_\_\_\_

**TAX PARCEL NUMBER 1-** \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**CONTACT PERSON** \_\_\_\_\_ **PHONE** \_\_\_\_\_

**EMAIL (Legible)** \_\_\_\_\_

**PROJECT LOCATION:** \_\_\_\_\_ **CITY** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**CONTRACTOR** \_\_\_\_\_ **MAILING ADDRESS** \_\_\_\_\_

**PHONE** \_\_\_\_\_ **L&I LICENSE #** \_\_\_\_\_ **EXP. DATE** \_\_\_ / \_\_\_ / \_\_\_

**LENDING FIRM** \_\_\_\_\_ **PHONE** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_

**BUILDING USE:** RESIDENTIAL \_\_\_\_\_ AGRICULTURAL (USE) \_\_\_\_\_ COMMERCIAL \_\_\_\_\_

**CLASS OF WORK:**  NEW  ADDITION  REPAIR  MOVE  DEMO  OTHER

**SPECIFIC USE OF BUILDING:** \_\_\_\_\_

**DESCRIPTION OF PROJECT:** \_\_\_\_\_

**VALUATION OF WORK:** \_\_\_\_\_ **LOT SIZE:** \_\_\_\_\_

**SQUARE FOOTAGE:** MAIN FLOOR: \_\_\_\_\_ UPPER FLOOR: \_\_\_\_\_ GARAGE: \_\_\_\_\_

**BASEMENT:** \_\_\_\_\_ **HEATED:**  YES  NO **OTHER:** \_\_\_\_\_

**NUMBER OF:** STORIES \_\_\_\_\_ BEDROOMS \_\_\_\_\_ BATHROOMS \_\_\_\_\_

**IS AN ADDRESS POST ON SITE?**  YES  NO **CONTACTED BENTON CLEAN AIR AGENCY?**  YES  N/A

**WITHIN 50' OF POWER LINE?**  YES  NO

## PLUMBING (NEW ONLY)

QTY.	TYPE OF FIXTURE OR ITEM	QTY.	TYPE OF FIXTURE OR ITEM
	WATER CLOSET (TOILET)		HOSE BIBBS (2 MIN)
	SHOWER		WATER HEATER
	BATHTUB		FLOOR DRAIN OR FLOOR SINK
	SINK OR WASH BASIN		CLOTHES WASHER
	KITCHEN SINK & DISPOSAL		LAUNDRY TRAY/SINK
	DISHWASHER		OTHER

## MECHANICAL (NEW ONLY)

QTY.	TYPE OF FIXTURE OR ITEM	QTY.	TYPE OF FIXTURE OR ITEM
	HEATER-FURNACE		GAS FIXTURES
	EXHAUST FAN		PROPANE TANK
	DRYER		FIREPLACE(S)

I hereby certify that I have read and examined this application to know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. All structures located within a floodplain are subject to the requirements of Chapter BCC 3.26 of Benton County Code, including certification by a Washington State Registered surveyor and/or Engineer as it may be required.

**SIGNATURE:** \_\_\_\_\_

**PRINT NAME:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

STATE OF WASHINGTON )  
County of Benton )

**To be completed by property/building owner.  
Please initial applicable items where marked "INT" and  
complete bottom signature area in full.**

**1. DECLARATION OF OCCUPANCY USE (Accessory buildings only, i.e., garages, shops, barns, etc.)**

INT \_\_\_\_\_ I understand the structure for which a building permit is being requested does not permit the occupancy of the building for any use that does not comply with the requirements for the zone in which it is placed (unless approved by Conditional Use Permit # \_\_\_\_\_, if applicable). This structure will not be used or occupied for any use not permitted as outlined in the **2021 International Residential Code Section R105 Permits**. Violations will result in a **\$500.00 civil citation** as outlined in **Benton County Code 3.04.065 Violations-Penalties**, including but not limited to applicable building permit fees.

**2. DECLARATION OF ACCESS CONSTRUCTION AND MAINTENANCE  
(NOT REQUIRED for accessory buildings)**

INT \_\_\_\_\_ Said structure is served by perpetual non-exclusive access easement, auditor's file number \_\_\_\_\_, a private driveway in excess of 200' or an unimproved county right of way (contact B.C. Public Works for construction details) and the responsibility for construction and maintenance of this access to the location that the building will be constructed on shall be vested with the property owner and not Benton County.

Said structure is served by an access easement, private driveway or unimproved county right of way not reflected by an auditor's file number, but one of the following applies.  
**(Initial one statement only)**

INT \_\_\_\_\_ The following access easement, unimproved country right of way or private driveway has been granted a trail access permit to utilize the unimproved county right of way (access permit attached): \_\_\_\_\_

INT \_\_\_\_\_ The following access easement or private driveway is graded and compacted with two (2) inches of base course crushed surfacing; the base course (1 1/2" minus) is to be in accordance with the specifications set forth in Standard Specifications for Road, Bridges and Municipal Construction published by the Washington State Department of Transportation. A minimum improved Fire apparatus turn around shall be provided for private driveways in excess of 150'. BCC 3.18.045: \_\_\_\_\_

INT \_\_\_\_\_ The following access easement or private driveway will be graded and compacted with two (2) inches of base course crushed surfacing; the base course (1 1/2" minus) is to be in accordance with the specifications set forth in Standard Specifications for Road, Bridges and Municipal Construction published by the Washington State Department of Transportation: \_\_\_\_\_

**3.**

INT \_\_\_\_\_ Is your property accessed across a private bridge: YES \_\_\_\_\_ NO \_\_\_\_\_

**4. DECLARATION OF OWNER BUILDER**

INT \_\_\_\_\_ There will not be a general contractor (required to be registered) performing any work on the structure. The owner will verify Sub-contractor(s) license registration.

I, \_\_\_\_\_, certify under penalty of perjury under the laws of  
(PRINT NAME)

the State of Washington that the foregoing initialed statement(s) for the structure is (are) true and correct. Property parcel number \_\_\_\_\_ for proposed structure location.

\_\_\_\_\_  
Signature of property/building owner

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State (where signed)