



# Residential Underground Storage Tanks

## BUREAU OF WEIGHTS AND MEASURES

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## RESOURCES

Wis. Admin. Code ATCP 93  
[http://docs.legis.wisconsin.gov/code/admin\\_code/atcp/090/93](http://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93)

Storage Tanks Program  
[https://datcp.wi.gov/Pages/Programs\\_Services/PetroleumHazStorageTanks.aspx](https://datcp.wi.gov/Pages/Programs_Services/PetroleumHazStorageTanks.aspx)

“Residential tank” means a tank located on the same property as a 1- or 2-family dwelling or a multi-family dwelling and used only by the residents of the property or for the maintenance of the property.

The owner of a new or existing underground residential tank must register the tank by submitting **form TR-WM-137**, which can be found at:

<https://datcp.wi.gov/Documents/TR-WM-137.pdf>. To see if your tank is currently registered with the department, a searchable database can be found at the following link: [https://mydatcp.wi.gov/Home/ServiceDetails/4a171523-04c7-e611-80f6-0050568c4f26?Key=Services\\_Group](https://mydatcp.wi.gov/Home/ServiceDetails/4a171523-04c7-e611-80f6-0050568c4f26?Key=Services_Group).

### If your tank:

- **Has been previously registered and is still in use:** see either Table 1 or 2 below as applicable for current regulatory requirements.
- **Has not been previously registered and is still in use:** submit a registration form that includes tank capacity, contents, use and date of actual or estimated installation. See either Table 1 or 2 below as applicable for current regulatory requirements.
- **Is still on site and either previously or never registered and not intended for continued use:** you must hire a DATCP certified remover/cleaner to remove the tank, or if deemed necessary by the DATCP certified remover/cleaner, apply for a closure in place. When the closure is completed, submit a registration form, certified remover/cleaner closure form and, if required, site assessment report.
- **Was previously closed in place but never registered and was inspected by the local fire department or other inspection agency at the time of closure:** submit the closure inspection documentation and a registration form.
- **Was previously closed in place or removed but never registered, and was not inspected by the local fire department or other inspection agency at the time of closure:** you must hire a DATCP certified remover/cleaner to determine whether the tank was properly removed or properly closed in place. When the determination is completed, submit a registration form, certified remover/cleaner report or closure form and, if required, site assessment report.
- **New residential tank installation:** must be performed by or under the direct supervision of a DATCP certified installer. See either Table 1 or 2 below as applicable for current regulatory requirements.

For any questions concerning registration or regulatory requirements for residential tanks, submit your question to [DATCPStorageTanks@wisconsin.gov](mailto:DATCPStorageTanks@wisconsin.gov)

**Table 1:  
Underground Tanks Used for Storing Heating Oil for Consumptive Use (ATCP 93.310)**

Contact your local permit authority or fire department for other requirements, as local ordinances may be more restrictive

	Tank Type (Heating Oil for Consumptive Use)		
	<i>UST &lt; 60 gallons</i>	<i>60 gallons ≤ UST &lt; 4,000 gallons</i>	<i>UST ≥ 4,000 gallons</i>
<b>Plan Review</b> (ATCP 93.100)	No	Yes	Yes
<b>Tank Registration</b> (ATCP 93.140)	No	Yes	Yes
<b>Permit to Operate</b> (ATCP 93.145)	No	No (if storing heating oil for consumptive use on the premises)	
<b>Overfill Alarm (90%)</b>	No	Yes	Yes
<b>Overfill Auto Shut-Off (95%)</b>	No	Yes, if using tight connect delivery (unless under 1,100 gallons)	Yes, if using tight connect delivery
<b>Leak Detection</b>	No	Yes (1)	Yes (comply with ATCP 93.510)
<b>Corrosion Protection</b>	No	Yes (2)	Yes (3)
<b>Secondary Containment</b>	No	No	Yes (if new or replaced after 2/1/2009)
<b>Annual Equipment Verification</b> (ATCP 93.510)	No	No	Yes
<b>Tank Closure</b>	No	Comply with ATCP 93.545 to 93.585	Comply with ATCP 93.545 to 93.585
<b>Site Assessment</b>	No	Only if suspected or obvious release	Yes (4)

(1) For tanks less than 4,000 gallons, precision tightness testing every 2 years or leak detection in accordance with s. [ATCP 93.510](#), except this requirement does not apply to residential tanks which have a capacity of less than 1,100 gallons and which were installed before October 29, 1999, for consumptive use on the property where stored. The tightness testing or leak detection methods used to comply shall be specifically approved for use with the specific type of heating oil in accordance with s. [ATCP 93.130](#).

(2) Corrosion protection that complies with s. [ATCP 93.520](#), except this requirement does not apply to tanks that were installed before November 1, 1994.

(3) Corrosion protection which complies with s. [ATCP 93.520](#).

(4) A tank system site assessment is required for the following tank systems or components only if there is a suspected or obvious release:

- The closure of double-wall pipe when modification or upgrading is conducted on a system that will remain in operation, unless the piping is to be closed in-place.
- Where the entire tank system, including the connections at the tank and dispensers, has been placed in liquid-tight secondary containment for the entire operational life of the system.

**Table 2:  
Underground Tanks Used for Storing Motor Vehicle Fuel**

Contact your local permit authority or fire department for other requirements, as local ordinances may be more restrictive

	<b>Tank Type (Gas or Diesel Use for Vehicle Fueling)</b>	
	<b>Residential Tanks &lt; 1,100 gallons</b>	<b>Residential tanks ≥ 1,100 gallons</b>
<b>Plan Review</b> (ATCP 93.100)	Yes	Yes
<b>Tank Registration</b> (ATCP 93.140)	Yes	Yes
<b>Permit to Operate</b> (ATCP 93.145)	No (if used for storing motor fuel for noncommercial purposes)	Yes
<b>Overfill Protection</b> (ATCP 93.505)	Yes	Yes
<b>Spill Prevention</b> (ATCP 93.505)	Yes	Yes
<b>Leak Detection</b> (ATCP 93.510)	No	Yes
<b>Corrosion Protection</b> (ATCP 93.520)	Yes	Yes
<b>Secondary Containment</b> (ATCP 93.500)	No (if used for storing motor fuel for noncommercial purposes)	Yes (If new or replaced after 2/1/2009)
<b>Periodic Inspection</b> (ATCP 93.605)	Yes	Yes
<b>Annual Equipment Verification</b> (ATCP 93.510)	No	Yes
<b>Emergency Electrical Disconnect</b> (ATCP 93.370)	Yes	Yes
<b>Emergency Shut-Off Valve</b> (ATCP 93.605)	Yes (only if pressurized system)	Yes (only if pressurized system)
<b>Tank Closure</b> (ATCP 93.560)	Certified remover required. Notify the authorized agent or the department of the intended closure on form TR-WM-121	
<b>Site Assessment</b> (ATCP 93.580)	Only if suspected or obvious release	Yes (1)
<p>(1) A tank system site assessment is required for the following tank systems or components only if there is a suspected or obvious release:</p> <ul style="list-style-type: none"> <li>• The closure of double-wall pipe when modification or upgrading is conducted on a system that will remain in operation, unless the piping is to be closed in-place.</li> <li>• Where the entire tank system, including the connections at the tank and dispensers, has been placed in liquid-tight secondary containment for the entire operational life of the system.</li> </ul>		