

Water Treatment Systems Backwash

DISCHARGES OF WASTEWATER FROM WATER TREATMENT SYSTEMS OTHER THAN THOSE TREATING FOR VOLATILE ORGANIC COMPOUNDS

Discharge of wastewater from water treatment systems into the septic system is not allowed under the State of Connecticut Technical Standards for Subsurface Sewage Disposal Systems.

A separate leaching system should be installed for the backwash of these water treatment systems per the State of Connecticut Department of Energy and Environmental Protection's [General Permit for the Discharge of Low Flow Water Treatment Wastewater](#)

Based on the General Permit, the following is required:

1. Use acceptable pipes and materials for subsurface sewage disposal systems in accordance with the State of Connecticut Public Health Code Section 19-13-B103.
2. System shall have a storage volume at least 1.5 times the volume of the maximum daily discharge of the water treatment system.
3. Bottom of system shall be a minimum of 24 inches above ledge and 12 inches above the seasonal high groundwater table at treatment system site. If source water requires treatment for pathogen removal then the separation distance shall be increased to 24 inches above seasonal high groundwater.
4. No portion of the system shall be located within 10 feet of septic system.
5. System shall be installed at least 75 feet from potable water supply well.
6. Within 30 days following installation of the water treatment wastewater disposal system an installation report is required to be submitted to the local health department. Refer to Section 4(b) of the General Permit for specific reporting requirements.