



## BRISTOL-BURLINGTON HEALTH DISTRICT

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[www.bbhd.org](http://www.bbhd.org)

### **“I have a Water Treatment System for my well water. What can be done with the backwash water?”**

The Connecticut Public Health code Technical Standards Section X authorizes, “...a **separate**, dedicated disposal system... be provided for any water treatment system wastewaters that discharge to the ground...” A DRAFT for a General Permit for the installation of such systems has been developed by the Connecticut Department of Environmental Protection and a summary of the requirements follows.

### **Please be advised that it is a violation of the Public Health Code to discharge water treatment backwash wastewater into the septic system that serves the house.**

\*As of March 30, 2009, the CT Department of Public Health has authorized the disposal of point of use (i.e. water treated at a specific location such as a kitchen sink,) reverse osmosis wastewater discharging less than 30 gallons per day from family homes into the septic system serving the homes.

#### Guidelines for the Proper Disposal of Wastewater from Water Treatment Devices

*(Summary of requirements contained in the most recent Draft of the DEP General Permit)*

- Discharges to the ground surface, foundation drain, storm sewer or septic system are **NOT** allowed.
- A separate, dedicated disposal system may be installed to receive wastewater from water treatment devices.
- This disposal system shall have a storage volume that is at least 1.5 times the volume of the maximum daily discharge of wastewater from the treatment device.
- There shall be a minimum of two (2) feet between the bottom of any such disposal system to underlying bedrock.
- There shall be a minimum of one (1) foot between the bottom of any such disposal system and maximum ground water.
- No portion of any such system shall be located within ten (10) feet of any component of a subsurface sewage disposal system serving the building.
- Disposal systems for water treatment devices must be at least 75 feet from any private well.
- Within thirty (30) days following the installation of a dedicated disposal system, the property owner or installer must submit an installation report to this office containing the following information:

The name of the installer, the address of the installed system, a detailed As-Built drawing of the system, including a description of what was installed and separating distances from wells and septic system, a description of the water treatment device and its intended use.

**NOTE:** *The BBHD does not grant Permits or perform inspections of the installation of disposal systems for water treatment wastewater disposal. It is the responsibility of the contractor and/or the owner of the water treatment device to conform to all State regulations. Please call this office if there are any questions at 860-584-7682.*