

Implementation of DEEP General Permit for Discharge of
Low Flow Water Treatment Wastewater (LFWTW)
7/17/14 Workgroup Meeting Minutes

Presentations:

- Opening remarks provided by Ryan Tetreault, DPH Private Well Program
- Presentation on the LFWTW general permit, James Creighton - CT DEEP
- Presentation on treatment systems and determining backwash flow rates, Regu Regunathan - Water Quality Association
- Discussion of Subsurface Sewage Disposal Consideration, Robert Scully – DPH Environmental Engineering Program

Group Discussion of Workgroup Goals:

Goal 1: Develop technical guidelines for installation of a waste water dispersal structure for backwash discharge.

A. Determining daily backwash volume flow from treatment system and sizing wastewater dispersal structure.

Comments from group discussion:

- Need for treatment installer to notify the homeowner of the maximum daily treatment backwash design flow. This is necessary for purposes of designing the wastewater dispersal structure to be 1.5 times the max volume of the backwash flow as specified in the LFWTW general permit.
- Consideration for an area for the wastewater dispersal structure to be designated on site plans for new home construction where the home is supplied by a well and septic system

B. Determining the minimum height of the location of the wastewater dispersal structure above bedrock and the seasonal high groundwater level at the site

Comments from group discussion:

- Local Health Departments are a good resource for information on depth to groundwater and bedrock for properties with an existing septic system.
- Actual soil testing is an option for determining this information
- Suggestion made for DPH to develop a website that can be used as a toolbox for homeowners and installers of a wastewater dispersal structure. One of the tools in the toolbox can be a link to the Natural Resources Conservation Service (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>) that provides some general area information on soil types, depth to groundwater, depth to bedrock.
- Local Inland/Wetland Commissions may have local criteria through Town ordinance that may be more stringent as to where a wastewater dispersal structure can be installed on a property.
- Suggestion made for DPH to establish a position and send a circular letter to all Local Health Departments regarding applicability of B100a on installation of a wastewater dispersal structure in an area on the property that does not use up the suitable soils for the repair of an existing septic system.