

Implementation of DEEP General Permit for Discharge of
Low Flow Water Treatment Wastewater (LFWTW)
7/30/14 Workgroup Meeting Minutes

- Review of Minutes from 7/17/14 meeting

Continued 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. (See minutes from 7/17/14 meeting)
 - B. Determining the minimum height of the location of the wastewater dispersal structure above bedrock and the seasonal high groundwater level at the site (See minutes from 7/17 meeting)

Continued Group Discussion: 7/30/14 Meeting:

Goals Discussed:

- C. Establishing criteria to determine when the discharge of a LFWTW to a site may create a condition that will interfere with the operation and effectiveness of a subsurface sewage disposal system.
- D. Determining criteria for a Local Director of Health to allow a horizontal separation distance other than what is listed in Table 4.1.
- E. Other installation considerations (i.e. installation of piping to wastewater dispersal structure below the frost line)

Discussion:

- Soil testing on adjacent properties may be site specific and may not be reliable for an adjacent property for installation of a wastewater dispersal structure
- Recommendation for Local Health Departments to review proposed water treatment wastewater discharge flows of 300 to 500 gallons per day
- Chatham Health District requires a registration of a dry well installation
- There are areas of the State where houses are supplied by private wells and have public sewers. Section 19-13-B100a of the Public Health Code would not apply to these houses on sewers; therefore there may be limited information on file to determine soil types, depth to bedrock/groundwater in these areas.
- Recommendation made that any guidelines that are established by consistent among all Local Health Departments.
- Recommendation for determining minimum 24 inch depth to bedrock is to dig the hole 24 inches lower than actually level of the base of the water treatment wastewater dispersal structure to verify no bedrock exists.
- Recommendation made for continued education through the Department of Consumer Protection.
- Recommendation made for having charts available to installers of a wastewater dispersal structure, which use stone and pipe, to determine the volume with different stone sizes.
- Updates to the [2015 Technical Standards for Subsurface Sewage Disposal](#) will include criteria to account for the DEEP Low Flow Water Treatment Wastewater General Permit.
- Recommendation made that site plans for new construction identify the location for a water treatment wastewater dispersal structure on site plans.

- In regulated areas of inland/wetlands local approvals may be required. It may take more time to go through local approval processes.
- An installation consideration to prevent freezing and flooding of a basement was shared by Douglas Lohman of Affordable Water, LLC. The example shared by Mr. Lohman is included at the end of the Questions and Answers Document.

Goal 2: Develop a standard form to be used by private well owners for filing the “Record Keeping and Reporting Requirements” of the LFWTW general permit.

- Discussion of a [“Low Flow Water Treatment Wastewater Disposal System -- Installation Report Form”](#) drafted by the Connecticut Environmental Health Association – Subsurface Committee