

Attachment Q to Individual Permit Application: Domestic Sewage through Land Treatment Non-point Source Discharge Systems

Land Treatment Non-point Source System means a system that consists of primary, secondary, and tertiary treatment followed by a structure or device to apply effluent to the soil either above grade or below grade that will then discharge to the ground water of the state. Land Treatment Non-point Source Systems include On-site Wastewater Renovation Systems (OWRS).

In general, wastewaters treated by Land Treatment Non-point Source Systems include domestic sewage wastewater that is primarily of animal, plant or natural origin and amenable to treatment by soil based systems. Please note that DEEP has delegated the authority to issue permits for household and small commercial subsurface disposal systems to the Commissioner of Public Health. In general, such systems involve the discharge of less than 5,000 gallons per day (gpd) of domestic sewage to any one lot. See section 22a- 430-1 of the Regulations of Connecticut State Agencies (RCSA) for further information. Any engineering firm or other interested party planning a project requiring a DEEP permit for discharges from a Land Treatment Non-point Source System is strongly encouraged to contact the Subsurface Disposal Group of the Bureau of Materials Management and Compliance Assurance at 860-424-3018 to arrange a pre-application meeting to discuss the criteria necessary for evaluating these systems. The administrative process and methodology used by the DEEP can be found in the [Guidance Document for Design of Large-Scale On-Site Wastewater Renovation Systems](#) on the DEEP website (www.ct.gov/deep/subsurfacedisposal) and available on CD from DEEP Maps and Publications (860-424-3555).

In addition, most Land Treatment Non-point Source Systems must be reviewed by the local director of health in compliance with relevant provisions of the Connecticut Public Health Code.

For application to renew an existing permit to discharge from Land Treatment Non-point Source Systems, submit the following supporting documents as Attachment Q:

1. An engineering report that evaluates the performance and operation of the On-site Wastewater Renovation System as designed, approved and permitted.
2. A summary and review of Discharge Monitoring Reports (DMRs) for the discharge; water meter readings; and monitoring and maintenance requirements.
3. A list of changes, if any, in circumstances or information on which the previous permit was based.

Upon receipt of your application, DEEP staff will contact you to schedule a field visit for physical inspection of the On-site Wastewater Renovation System.