

**SUPPLEMENT TO REPORT OF WASTE DISCHARGE
PRIVATE SEWAGE DISPOSAL SYSTEMS
(SEPTIC TANKS)**

A Report of Waste Discharge (RoWD) must be submitted for proposed developments of more than two lots between one and five acres in size. The RoWD must include the results of a hydrogeologic study addressing cumulative and regional water quality impacts, as well as effects on local ground water. The study must also demonstrate that the proposed private sewage disposal system(s) will not significantly contribute to nitrate, total dissolved solids, or other potentially serious conditions in the ground water. The hydrogeologic study shall address the following concerns:

- A. Development density and trends.
- B. The number and location of current and proposed water supply wells within a one-mile radius of the proposed project.
- C. The current ground water quality and depth to ground water, based on analyses of current water quality samples from existing ground water wells. At a minimum, this water quality report must include:
 - 1. Well identification and description of overall condition of each well and its sanitary seals.
 - 2. EPA priority pollutant metals, nitrate (NO₃), chloride (Cl), sulfate (SO₄) and total dissolved solids (TDS) concentration in the ground water.
- D. A geologic assessment of the site including depth to bedrock, type of bedrock (fractured, impermeable, etc.), type and depth of soil, and the results of percolation tests.
- E. The quantity of sewage expected to be generated by the project.
- F. The potential impacts of the completed project on the quality of the ground water in the area, both individually and considering the cumulative effects of present and proposed projects in the vicinity.
- G. The provisions which will be made to connect the project to a possible future community sewer system.

In addition, a proposed ground water monitoring program must be described in the Report of Waste Discharge. The program must be designed to evaluate potential water quality degradation caused by the private sewage disposal system. The discharger must identify a responsible organization or agency to insure that the conditions of the permit are carried out. The provisions of the ground water monitoring program will be specified in the Waste Discharge Requirements.