

## Decentralized Wastewater Management Gap Closer Research and Analysis

In March 2011, Tetra Tech Inc. produced a report for MDE that examined septic systems in Maryland. The report was based on 2007 septic data from the property view database maintained by the Maryland Department of Planning. The purpose of the report was to estimate which septic systems in Maryland would be best suited for 1) upgrade with BAT, 2) connection to an existing sewer line or 3) suitable for clustering. MDE has mapped the data from the report to show where the septic systems are located according to the three classifications Tetra Tech determined. The maps are grouped by county and allow a user to identify systems that are within the critical area, within one thousand feet of a perennial stream, or neither. This information is significant because Maryland has determined that the nitrogen pass through rate for septic systems is 80% for systems in the critical area, 50% for systems within one thousand feet of a perennial stream and 30%.

To obtain a copy of the report, click [HERE](#). - PDF

For GIS files and static maps (pdf) click, [HERE](#) - ZIP (Large file may take several minutes to download)