

DELAWARE (REGION 3)

A Snapshot of Delaware's TMDL Program (August 2008)

The Basics

Key Agency/Department & website

Delaware Department of Natural Resources and Environmental Control
Division of Water Resources
<http://www.dnrec.state.de.us/water2000/Sections/Watershed/TMDL/tmdlinfo.htm>

TMDL Program Structure/Placement

Housed in Watershed Assessment Section

By the Numbers

Number of Impaired Waters 101

Number of Causes of Impairment 206

Top Five Causes of Impairment

1. Nutrients
2. Pathogens
3. Cause Unknown –Impaired Biota
4. PCBs
5. Pesticides

Approximate Number of TMDLs Developed Annually varies

Total Number of TMDLs Approved (1995 to present, incl. any est'd by EPA) 557

Total Number of TMDLs Approved in 2005/2006/2007 57/99/271

2008 303d/Integrated Report Submission Status (Date) 4/1/2008

Approximate Number of FTEs Working on TMDL Issues 12

TMDLs

EPA Under Consent Decree to Develop TMDLs? N (completed)

Broad-Scale? (e.g., watershed, multi-jurisdictional, etc.) Y

Non-TMDL Options

Use of Non-TMDL Options to Address Impaired Waters?

Funding

Approximate Annual Budget for TMDL Program \$1.7 million

Primary Source(s) of TMDL Program Funding federal 106 funds;
state general funds

TMDL Implementation

TMDL Implementation Required? Y

Innovations

Example(s) of Any Innovative Approach(es) Employed

worked with stakeholders to develop pollution control strategies that, when promulgated and implemented, will result in

achievement of pollutant load reductions required by TMDLs and state WQSs

TMDLs that Represent a Particular Achievement

proud of all TMDLs for technical accuracy and the fact that they have been adopted as regulations; some stand out due to their onerousness (elimination of all PSs), others due to their multi-state applicability

Barriers

Top Three Barriers to TMDL Development

1. funding
2. bureaucratic interference during the procurement process
3. lack of political will

Top Three Barriers to TMDL Implementation

1. funding for PS upgrades and alternatives to surface water discharge
2. funding for NPS controls
3. lack of political will