

NORTH DAKOTA (REGION 8)

A Snapshot of North Dakota's TMDL Program (August 2008)

The Basics

Key Agency/Department & website

North Dakota Department of Health
Division of Water Quality
www.health.state.nd.us/wq/sw/z2_TMDL/

TMDL Program Structure/Placement

Housed in Surface Water Quality Management Program

By the Numbers

Number of Impaired Waters	226
Number of Causes of Impairment	362
Top Five Causes of Impairment	<ol style="list-style-type: none">1. Pathogens2. Sediment3. Nutrients4. Organic Enrichment/Oxygen Depletion5. Cause Unknown–Impaired Biota
Approximate Number of TMDLs Developed Annually	5
Total Number of TMDLs Approved (1995 to present, incl. any est'd by EPA)	37
Total Number of TMDLs Approved in 2005/2006/2007	1/6/10
2008 303d/Integrated Report Submission Status (Date)	5/30/2008
Approximate Number of FTEs Working on TMDL Issues	4

TMDLs

EPA Under Consent Decree to Develop TMDLs? N

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

Non-TMDL Options

Use of Non-TMDL Options to Address Impaired Waters?

Funding

Approximate Annual Budget for TMDL Program \$225,000

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

TMDL Implementation

TMDL Implementation Required? N

Innovations

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

--working cooperatively with Region 8, SD, MN, and Dr. Andrew Simon, USDA National Sediment Labs, in the development of reference sediment targets

Links to ND TMDLs:

http://www.health.state.nd.us/WQ/SW/Z2_TMDL/TMDLs_Completed/B_Completed_TMDLs.htm

Barriers

Top Three Barriers to TMDL Development

1. lack of funding for monitoring, modeling, and TMDL development
2. staff turnover and lack of technical knowledge
3. lack of adequate, technical defensible TMDL targets for sediment and nutrients

Top Three Barriers to TMDL Implementation

1. most TMDLs are related to ag pollutants, so implementation has been successful through the state's NPS Section 319 program