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
1. Pathogens
2. Sediment
3. Nutrients
4. Organic Enrichment/Oxygen Depletion
5. 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
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