

PENNSYLVANIA (REGION 3)

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

The Basics

Key Agency/Department & website

Pennsylvania Department of Environmental Protection
www.dep.state.pa.us/watermanagement_apps/tmdl/

TMDL Program Structure/Placement

Housed in Bureau of Watershed Management

By the Numbers

Number of Impaired Waters

6,957

Number of Causes of Impairment

10,813

Top Five Causes of Impairment

1. Sediment
2. Metals (other than mercury)
3. pH
4. Nutrients
5. Organic Enrichment/Oxygen Depletion

Approximate Number of TMDLs Developed Annually

100

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

4,902

Total Number of TMDLs Approved in 2005/2006/2007

1,347/509/690

2008 303d/Integrated Report Submission Status (Date)

8/1/2008

Approximate Number of FTEs Working on TMDL Issues

unknown

TMDLs

EPA Under Consent Decree to Develop TMDLs?

Y

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

unknown

Primary Source(s) of TMDL Program Funding

unknown

TMDL Implementation

TMDL Implementation Required?

N

Innovations

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

TMDLs that Represent a Particular Achievement

Links to PA TMDLs:

http://www.dep.state.pa.us/watermanagement_apps/tmdl/

Barriers

Top Three Barriers to TMDL Development

1. lack of clear cut-nutrient endpoints
2. lack of stormwater/urban modeling expertise
3. experience teaching us that anything NPDES-related will end in litigation

Top Three Barriers to TMDL Implementation

1. little regulation, authority, or enforcement of existing authority on ag
2. abandoned mines with no responsible party for cleanup
3. infrastructure—cost of remediation effects of MS4s, CSOs, WWTPS, etc.