

VIRGINIA (REGION 3)

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

The Basics

Key Agency/Department & website

Department of Environmental Quality
www.deq.virginia.gov/tmdl/

TMDL Program Structure/Placement

Housed in Water Quality Division

By the Numbers

Number of Impaired Waters 2,172

Number of Causes of Impairment 4,288

Top Five Causes of Impairment

1. Pathogens
2. Organic Enrichment/Oxygen Depletion
3. PCBs
4. Noxious Aquatic Plants
5. Cause Unknown–Impaired Biota

Approximate Number of TMDLs Developed Annually 80+

Total Number of TMDLs Approved (1995 to present, incl. any est'd by EPA) 823

Total Number of TMDLs Approved in 2005/2006/2007 17/213/64

2008 303d/Integrated Report Submission Status (Date) 8/1/2008

Approximate Number of FTEs Working on TMDL Issues 12

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 \$3 million

Primary Source(s) of TMDL Program Funding federal 106,604(b),
& 319 funds.
supplemented by
state funds

TMDL Implementation

TMDL Implementation Required? Y

Innovations

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

--load duration for simple TMDLs

--have state statute requiring TMDL implementation

--publish biennial TMDL progress reports

TMDLs that Represent a Particular Achievement

--TMDLs addressing TDS as a pollutant

--Also, we have integrated No Discharge Zones designations as an implementation tool in some tidal TMDLs

Links to VA TMDLs:

www.deq.virginia.gov/tmdl/

Barriers

Top Three Barriers to TMDL Development

1. inadequate data: WQ, stream flow, and land use
2. inappropriate WQ criteria
3. fiscal resources

Top Three Barriers to TMDL Implementation

1. total voluntary approach to load allocation—need a regulatory tool
2. inadequate funds for cost share
3. fragmentation of WQ programs among state agencies