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