MISSISSIPPI (REGION 4)
A Snapshot of Mississippi’s TMDL Program (August 2008)

The Basics
Key Agency/Department & website(s)
Mississippi Department of Environmental Quality
Office of Land and Water Resources
http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section?OpenDocument

TMDL Program Structure/Placement
Housed in Surface Water Division

By the Numbers
Number of Impaired Waters 378
Number of Causes of Impairment 614
Top Five Causes of Impairment
1. Cause Unknown–Impaired Biota
2. Sediment
3. Nutrients
4. Organic Enrichment/Oxygen Depletion
5. Pathogens

Approximate Number of TMDLs Developed Annually
Total Number of TMDLs Approved (1995 to present, incl. any est’d by EPA) 816
Total Number of TMDLs Approved in 2005/2006/2007 57/254/154
2008 303d/Integrated Report Submission Status (Date) 8/1/2008
Approximate Number of FTEs Working on TMDL Issues 8

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 $25 million
Primary Source(s) of TMDL Program Funding state funds; federal 106 and 319 funds

TMDL Implementation
TMDL Implementation Required? N

Innovations
Example(s) of Any Innovative Approach(es) Employed
--TMDL development: keeping it simple
--TMDL implementation: communication and participation in permitting, basin management, and 319 programs
--measuring success: using biological monitoring
TMDLs that Represent a Particular Achievement
--Tombigbee River Basin TMDL
http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_tombigbeestatrep?OpenDocument

**Barriers**
Top Three Barriers to TMDL Development
1. large 303(d) list = large # of TMDLs due under consent decree (many with no data)
2. consent decree forcing development of TMDLs prior to criteria development for nutrients and sediment
3. consent decree deadlines forcing development of approaches to TMDLs

Top Three Barriers to TMDL Implementation
1. voluntary BMPs