SOUTH CAROLINA (REGION 4)

A Snapshot of South Carolina's TMDL Program (August 2008)

The Basics

Key Agency/Department & website

> South Carolina Department of Health and Environmental Control, Bureau of Water
> http://www.scdhec.gov/ENVIRONMENT/WATER/tmdl/index.htm

TMDL Program Structure/Placement

> Housed in Water Quality Division

By the Numbers

Number of Impaired Waters	915
Number of Causes of Impairment	1,110
Top Five Causes of Impairment	1. Pathogens
	2. Mercury
	3. Cause Unknown-Impaired Biota
	4. Metals (other than mercury)
	5. Organic Enrichment/Oxygen Depletion

Approximate Number of TMDLs Developed Annually	20
Total Number of TMDLs Approved (1995 to present, incl. any est'd by EPA)	427
Total Number of TMDLs Approved in 2005/2006/2007	140/26/6
2008 303d/Integrated Report Submission Status (Date)	4/1/2008
Approximate Number of FTEs Working on TMDL Issues	20

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	$1.5 million
Primary Source(s) of TMDL Program Funding	state funding; federal 319 funds

TMDL Implementation

TMDL Implementation Required?	N

Innovations

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

> --program coordination for TMDL development and implementation with MS4 program areas
>
> --NPS aspect of TMDL implementation

TMDLs that Represent a Particular Achievement

Rocky River Fecal Coliform TMDL—successful implementation project as well
http://www.scdhec.gov/ENVIRONMENT/WATER/TMDL/docs/tmdl_rockywilson_fc.pdf

Links to SC TMDLs:
www.scdhec.gov/environment/water/tmdl/tmdlsc.htm

Barriers

Top Three Barriers to TMDL Development

1. no approved methods or approaches for certain constituents
2. no national consistency among EPA Regions about what is accepted
3. standards being changed, and expectation for zero-risk TMDLs

Top Three Barriers to TMDL Implementation

1. funding and resources
2. knowledge and acceptance
3. compliance, especially with MS4