



Catoctin Creek TMDL Implementation Project Past, Present, Future

Charlie Lunsford
VA Dept. of Conservation & Recreation
July 27, 2009

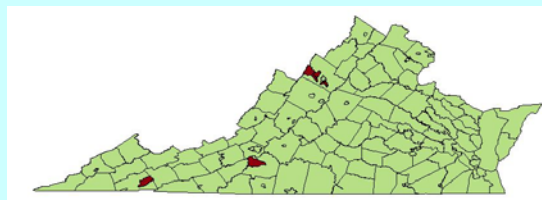
“A TMDL improves water quality when the pollutant allocations are implemented, not when a TMDL is established.”

Robert Perciasepe, EPA



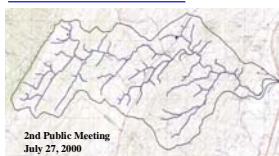
TMDL Implementation Pilot Projects (started in fall 2001) 2002 – 2007

- M.F. Holston River – Washington County
- Blackwater River – Franklin County
- North River – Rockingham County



Holmans Creek Implementation Project Area Rockingham & Shenandoah Counties

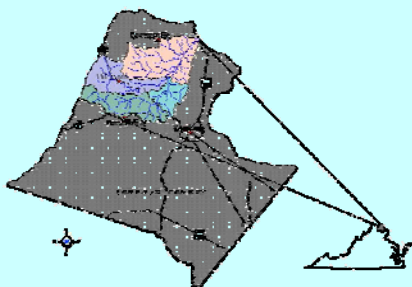
[Holmans Creek TMDL](#)



2nd Public Meeting
July 27, 2000

SNC

Catoctin Creek Implementation Project Area



319 Funded Implementation Projects

Geographical Area	Impairments
Willis River (Buckingham/Cumberland)	Bacteria
Thumb, Deep, Carter & Great Runs (Fauquier)	Bacteria
Big Otter (Bedford/Campbell)	Bacteria
Cooks & Blacks Creeks (Shenandoah/Rockingham, Harrisonburg)	Bacteria, Sediment, Phosphorus
Maggodee Creek, Lower Blackwater River, Gills Creek (Franklin)	Bacteria

319 Funded Implementation Projects (continued)

Geographical Area	Impairments
Dodd & Mill Creeks (Floyd/Montgomery)	Bacteria
Beaver & Little Creeks (Washington, City of Bristol)	Bacteria, Sediment
Hawksbill & Mill Creeks (Page County)	Bacteria
Looney Creek (Botetourt)	Bacteria
Upper Hazel River (Culpeper, Madison, Rappahannock)	Bacteria



319 Funds Invested in Catoctin Creek Watershed (2004 – 2009)

- Technical assistance Funds = \$495,000
- Cost-Share Funds = \$507,000
- Total = \$1.02 million
- Technical assistance funding will exceed the projected estimate of \$375,000 in IP by yearend.
- BMP dollars allocated by DCR to date represents 38% of the projected total cost in the IP.



Improving Water Quality in Catoctin Creek

- Rapid rate of change in land use in Eastern Virginia is a major challenge.
- Conventional agriculture is being replaced by hobbyists or small scale operations, unfamiliar with conservation practices.
- DCR made available cost-share funds to address the above types of operations.
- Ongoing community problems in Catoctin Creek with sewage disposal issues needing a solution.
- Stakeholders are encouraged to continue efforts to implement the IP even without 319 funds.

