


## Strategic Watershed Management





# Loudoun Watershed Watch

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Goose Creek Association Forum March 24, 2010

## Loudoun Watershed Watch (LWW) History

Formed in 2000 as an alliance of citizen groups and Loudoun County authorities concerned about stream quality

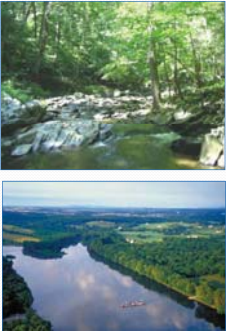




## Loudoun Watershed Watch (LWW) Vision

LWW shares a common vision with citizens across the nation:



*clean and safe water, and healthy aquatic ecosystems.*

For citizens in Loudoun, this means a county distinguished for its meandering streams with forested riparian buffers flowing through woodlots, farms, residential communities, and parks with streamside trails.

## Loudoun Watershed Watch (LWW) Goals

- Goal #1 – Provide a forum for collaboration among citizen and county stakeholders
- Goal #2 – Compile water quality and stream health data and make it available to the public
- Goal #3 – Provide stream quality educational materials and stream stewardship projects

## Community Outreach Projects

- 2005 Riparian Tree Planting Day – Waterford area with 50 participants and 500 trees
- 2005 Catoclin Creek Clean-up Day – Taylorstown area with 60 participants
- 2006 Riparian Tree Planting Day – Hamilton area with 65 participants and 300 trees
- 2007-8 Riparian Tree Planting – Through Loudoun Wildlife Conservancy Waterford with 100 participants and 600 trees
- Taylorstown Citizen Association – Organizes annual stream days
- Boy Scout Troop 962 - Annual stream clean-up




## Events

- Family Stream Day (2002-2009)
- Earth Day at Loudoun 2009
- Lucketts Potomac River Rangers




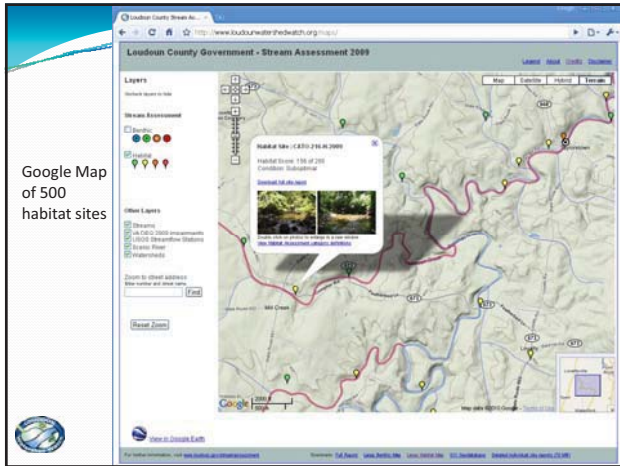
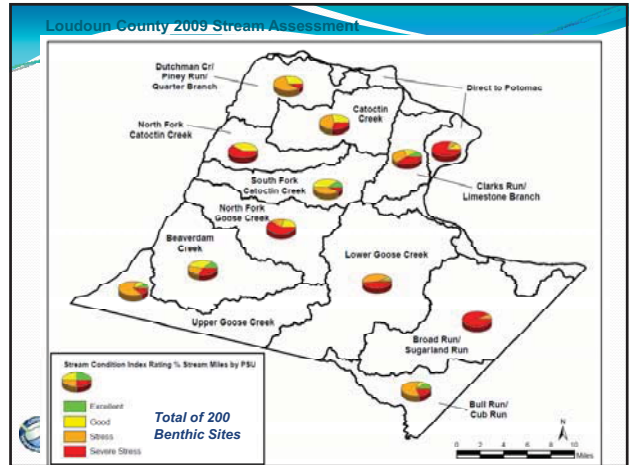

### Special Project – Catoctin Bacteria TMDL Implementation Monitoring 2005-2009

Citizen volunteer organizations have made a substantial contribution to the TMDL IP:

- Community Outreach and Education – publications, website, meetings, etc. = 1200 hrs volunteer time
- Riparian Tree Planting and Stream Clean-up Projects = 1500 hrs volunteer time
- Stream Monitoring – 90 sampling days, 970 samples, 1500 lab analyses = 1500 hrs volunteer time


Recognition -- LWW/CWP received the 2007 Outstanding Organization Award from Virginia Citizens for Water Quality

Publication -- Nov 2010 ASABE Conference

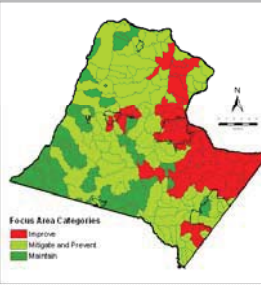
### Watershed Planning (Loudoun)

- 1999 – Recent drought brings attention to groundwater resource and need for monitoring and management
- 2001 – Initiate Water Resources Monitoring Program (WRMP). Supported by EPA grant.
- 2006 – Conduct strategic watershed management planning (SWMS) project. (NFWF and EPA grants.)
- 2007 – Compile/analyze existing data



### Watershed Planning (Loudoun)

- 2007/2008 – Contract with CH2M Hill, Inc. to develop Comprehensive Watershed Management Plan (CWMP). Funded by EPA grant.
- 2008/2009 – Continue working with stakeholders and technical committees to prioritize CWMP report recommendations
- 2009 – Stream Assessment
- 2010 – Limestone Overlay District
- 201? - Chesapeake Bay Preservation Act




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