

US EPA ARCHIVE DOCUMENT



This document is one of the project summaries from the EPA's Targeted Watershed Grants 2005 Annual Report published in December 2005. The reference number is EPA 840-R-06-001. You can find the entire document at <http://www.epa.gov/twg>.

EPA'S TARGETED WATERSHED GRANTS 2005 ANNUAL REPORT

December 2005



Upper Tennessee River

VA, TN, NC

MAJOR ENVIRONMENTAL CHALLENGES

- Excess sediments, nutrients, toxic chemicals, and bacteria
- Agriculture, mining, and logging activities
- Rapid urbanization
- Loss of aquatic species
- Loss of endangered or threatened species

PROJECT HIGHLIGHTS

Taking an innovative watershed management approach, the Upper Tennessee Roundtable is committed to reducing pollution to enrich the river's vast resource capacity. Projects focus on restoration, technology, conservation, and education.

Accomplishments include:

- Removing 9,780 cubic yards of sawdust near an impacted creek and applying it to strip mined land as a soil amendment
- Co-sponsoring six conferences on low-impact development
- Conducting two conferences about environmental emergency response
- Conducting a rain barrel workshop attended by 36 teachers who made 16 rain barrels to aid in stormwater management at schools and homes
- Fencing cattle out of stream and installing water system on a farm to implement a controlled grazing system
- Promoting use of rain gardens to control storm water runoff
- Restoring wetlands and streambanks in a priority region



Upper Tennessee River Roundtable volunteers teach children and their parents about the Save Our Streams method of water quality monitoring in Washington County, Virginia. Children search for bugs that are indicators of stream health.



A stormwater model developed by the Blue Ridge RC&D helps manage runoff from a nearby parking lot. Thanks to TWG funding, this model design is being exported by the Upper Tennessee River Roundtable.

2003 Grantee **UPDATE**

"So far, one of the best outcomes of the EPA Targeted Watersheds Grant is that the Upper Tennessee River Roundtable is expanding and strengthening partnerships. Because of the involvement of citizens, watershed coalitions and agencies, we've been able to meet or exceed some of our objectives."

**– George Price
Upper Tennessee
River Roundtable
Chair**