

Mills River

PARTNERSHIP



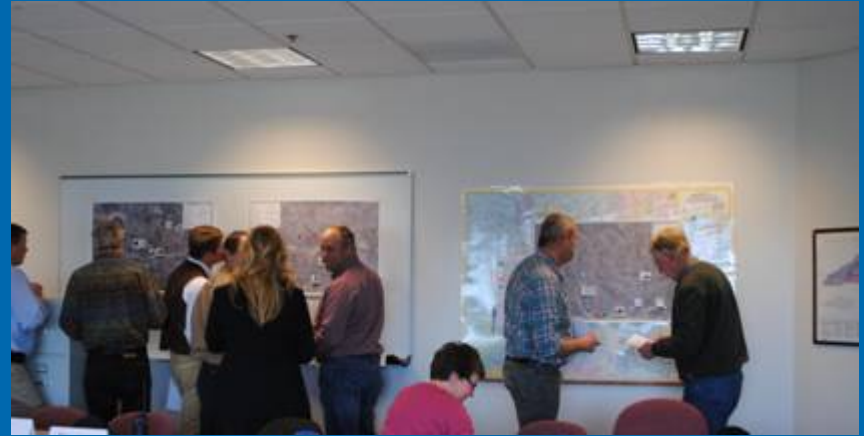
October 1, 2015
Maria Wise
Watershed Coordinator

Who are we?

Maria Wise, Watershed Coordinator

Partnership among

- Agriculture
- Conservation
- Local Government
- Citizens



Working together to
improve water quality

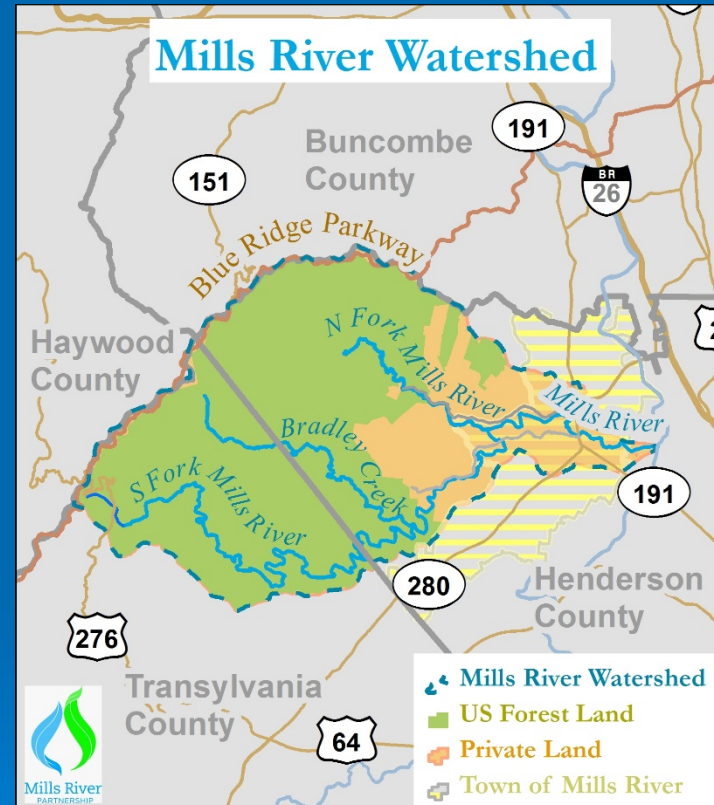
The River Connects Us

Mills River Partnership

➤ Mission:

- To Monitor
- To Preserve
- To Protect
- To Enhance....

Quality of the
Mills River through
Voluntary
Participation of
Stakeholders



MRP Board

- Carolina Mountain Land Conservancy
- City of Asheville
- City of Hendersonville
- Environmental and Conservation Organization of Hendersonville
- Farm Bureau Federation of Henderson County
- Henderson County Agricultural Advisory Board
- Henderson County Board of Commissioners
- Henderson County Soil and Water Conservation District
- Town of Mills River
- Town of Mills River Agricultural Advisory Committee
- Trout Unlimited

Funding and Partners

➤ Funded by

- City of Hendersonville
- City of Asheville
- Clean Water Act 319 Grant program
- Clean Water Management Trust Fund
- Client Cooperators

➤ Partners

- Soil and Water Conservation District
(Henderson County)

Outreach and Education- Accomplished

Mills River Day

- ~800 people attended
- 35 Sponsors/Exhibitors
- 64 Signed up for Newsletter
- 200 children completed Water Quality Activities
- ~400 went on tour of BMPs



Outreach and Education- Accomplished



- Informational Brochure
- DOT Highway “Watershed” signs
- WTP Presentations
 - OpenWorld- Russian Exchange Group
 - Blue Ridge Community College- Environmental Classes
- Presentation to Mills River Fire Dept and local Community group

Outreach and Education- Planned

- Video
 - about Mills River Watershed and water quality
- Rugby Middle School 8th Grade
 - “Kids in the Creek” and Water Treatment Plant field trip
- Watershed Education signs
 - at Town of Mills River Park and N Mills River Campground





- Tableing opportunity
- PR
- Education
- Future Collaboration

Planning in the Mills River Watershed- Accomplished

- Watershed Management Plan (WMP)-
 - Approved Jan 31, 2015
 - Outlines MRP's goals for the next 10 years
 - Agriculture
 - Stream Restoration and Enhancement
 - Stormwater controls
 - Hazardous Materials
 - Land Conservation
 - Outreach and Education

Best Management Practices (BMPs) Accomplished

➤ Agrichemical Mixing Facility-

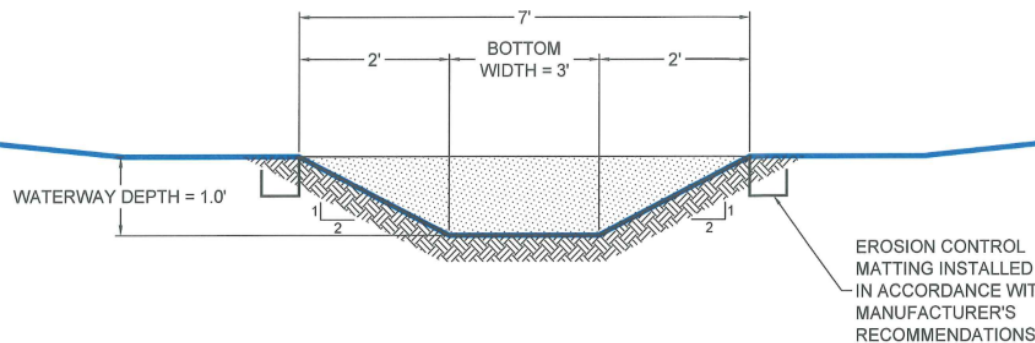


Streambank Stabilization

~80 LF



Grassed Waterway ~1,200

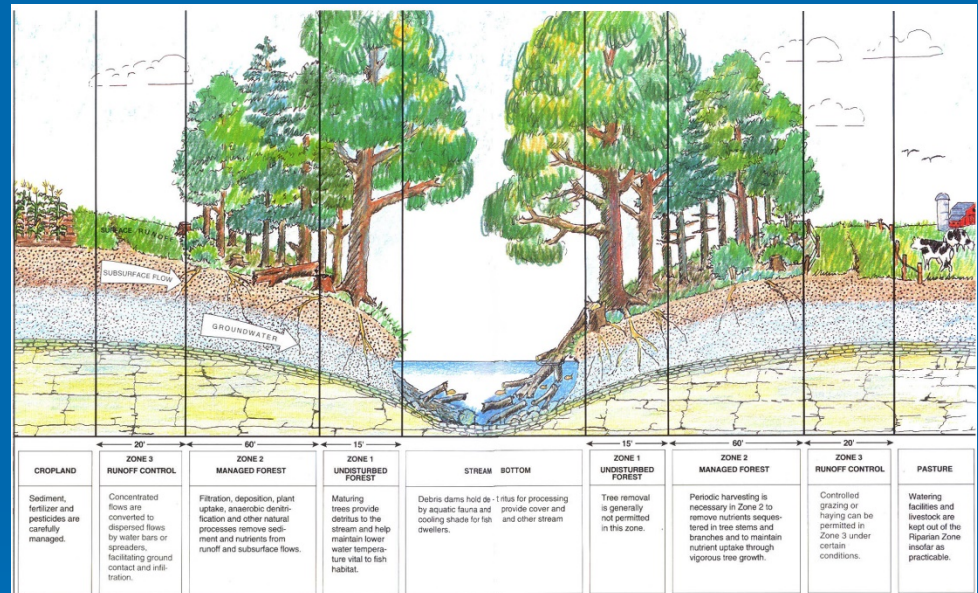
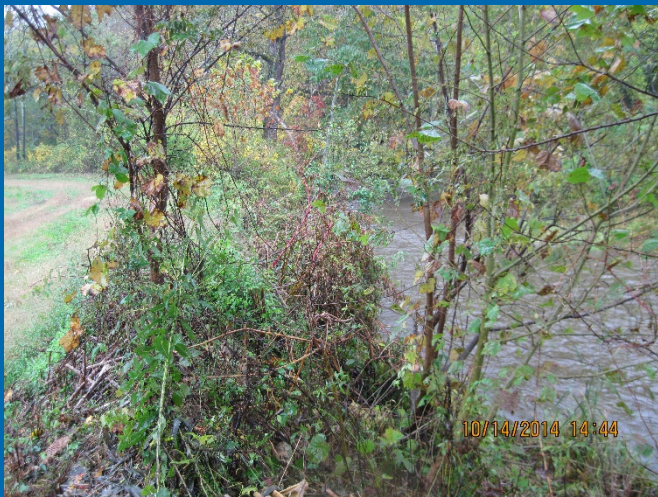


WATERWAY CROSS-SECTION



Riparian Area Enhancement

~1,200 Lf



Field Border ~4,000 Lf



Best Management Practices (BMPs)

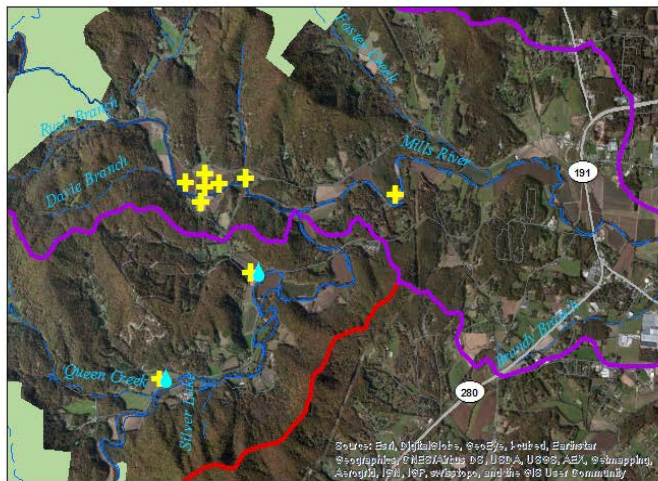
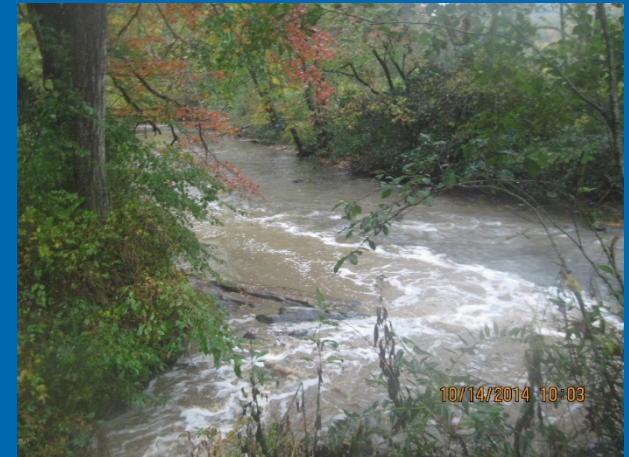
2015

- Install other Best Management Practices on 6 other sites
 - ~2,500 Lf Field Border
 - ~ 2,400 Lf Grassed Waterway
 - ~3,200 Lf of riparian area enhancement
 - ~ 150 Lf Streambank Stabilization
 - ~125 Lf Agricultural Road Stabilization

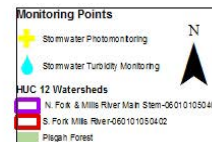
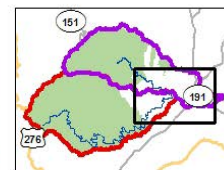
Monitoring and BMP Evaluations- Accomplished

➤ Developed Quality Assurance Project Plan (QAPP)-

- BMP Evaluations-
 - Photomonitoring
 - Stormwater turbidity collection

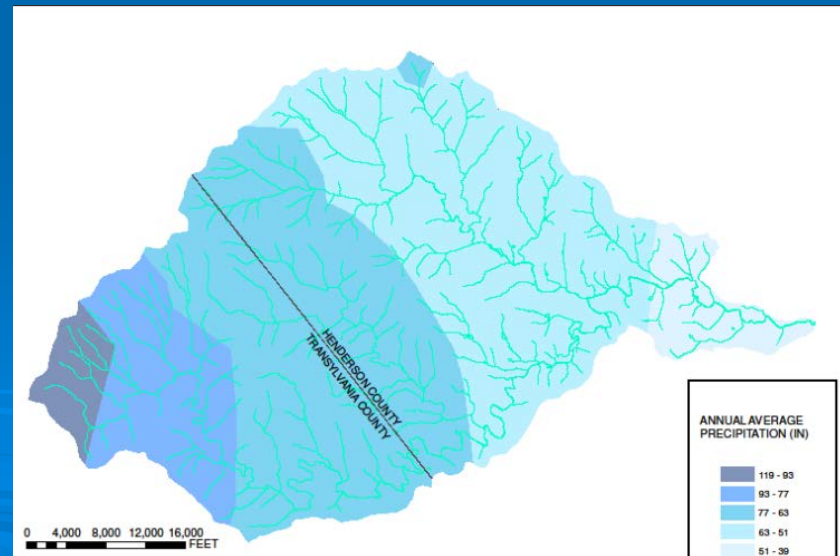
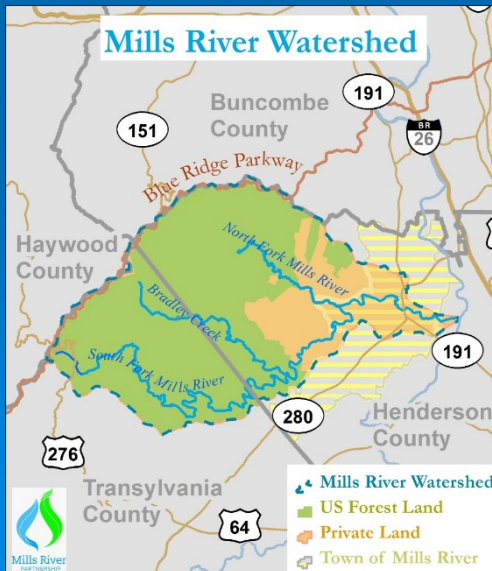


By April B. Graham 07OCT2014



Monitoring and BMP Evaluations- Accomplished

- Installed Precipitation Gauge to help
 - Understand precipitation amount and intensity
 - Compare to our stormwater samples



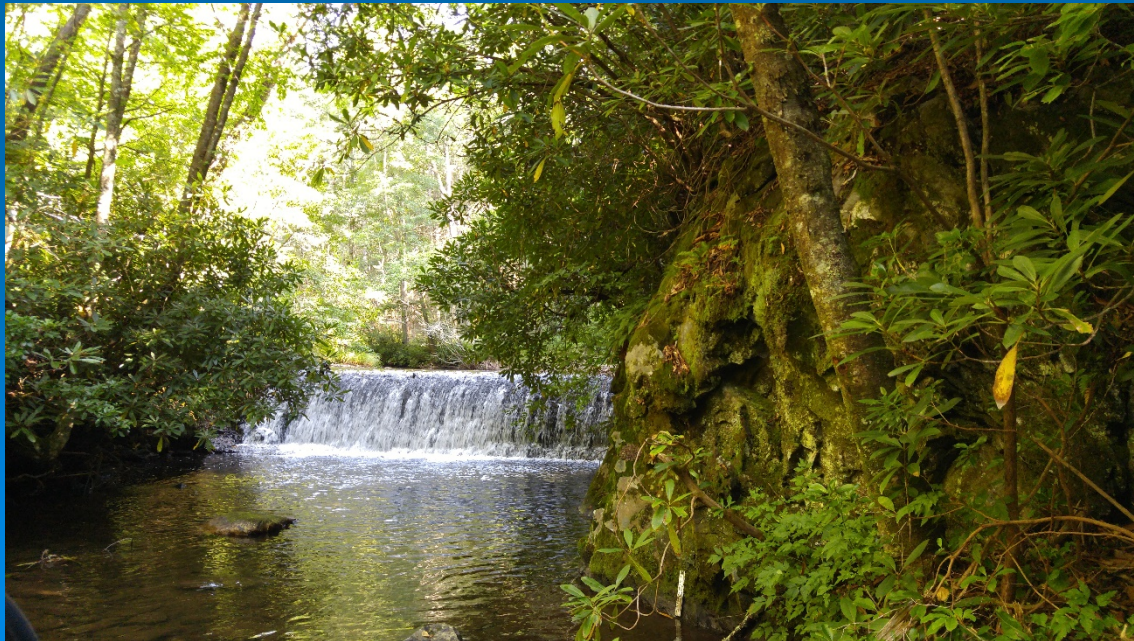
Monitoring and BMP Evaluations- Planned

- Volunteer (retired from the National Climatic Data Center) collating turbidity data from Asheville and Hendersonville WTPs
 - Give us better overall picture of turbidity in the watershed over time

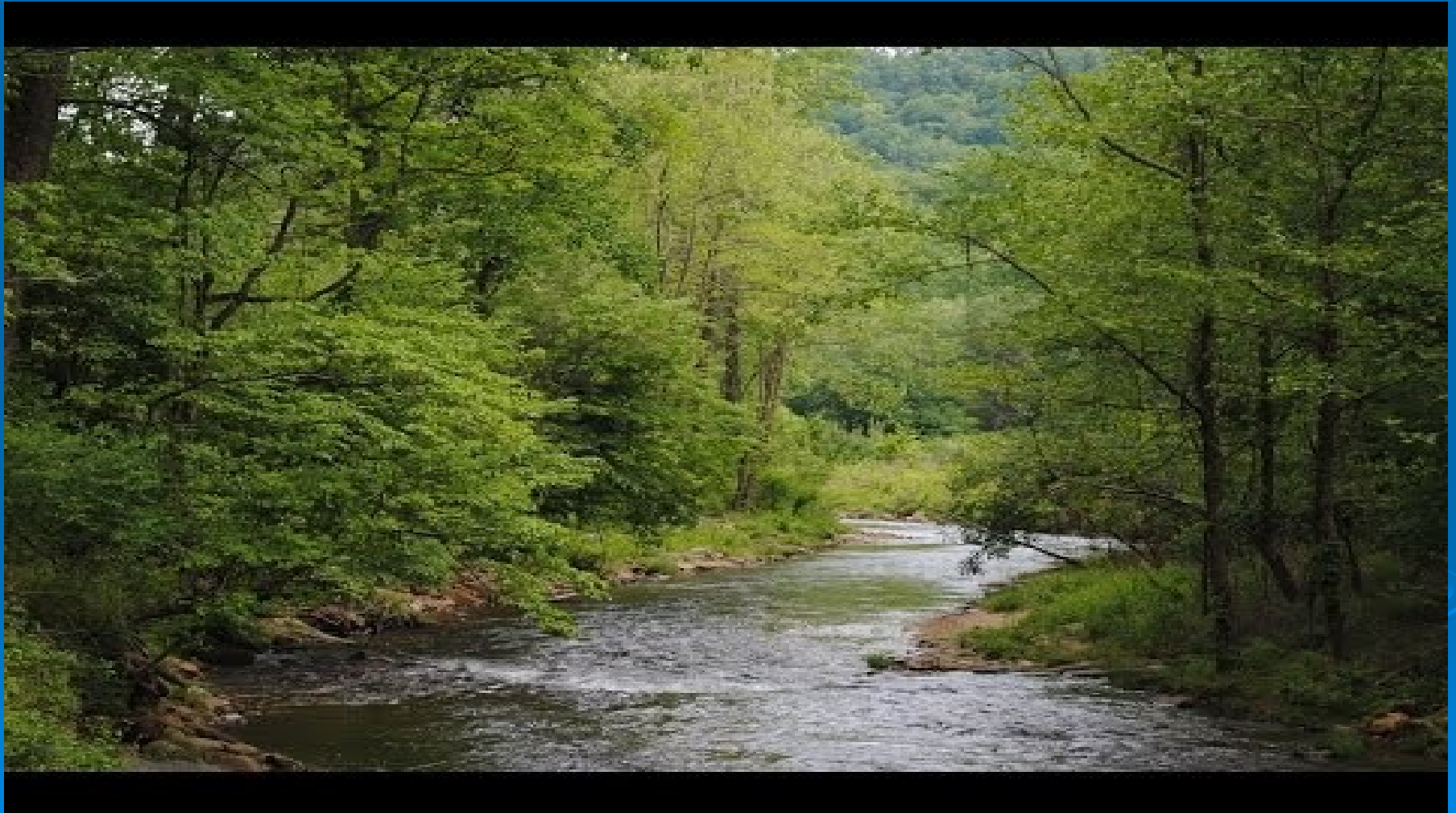


Water Conservation

- Water Shortage Awareness on Facebook
- Board Meetings and List Serves
- BMPs: grass waterways
- Water Conservation Grants for Farmers



Mills River Video



Thank You

- City of Hendersonville
 - Funding
 - Office and Meeting Space in the Hendersonville WTP
 - Steve Caraker- City Council
 - Support from City of Hendersonville Staff, especially Hendersonville WTP, Water & Sewer Utilities, and City Manager
 - Collaboration on outreach projects