



New River Conservancy



River Cleanups

Lansing: 24 volunteers, 200 pounds of trash, 8 tires

North Fork: 13 volunteers, 400 pounds of trash, 55 tires

Mud, Sweat, and Volunteers: 100+ volunteers, 3,860 pounds of trash, 204 tires



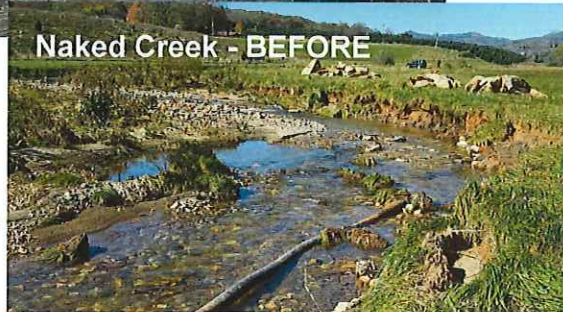
Restoration Projects

River Builder: 8 properties, 0.56 miles restored, 5,650 native shrubs/trees planted. 2 public workshops!

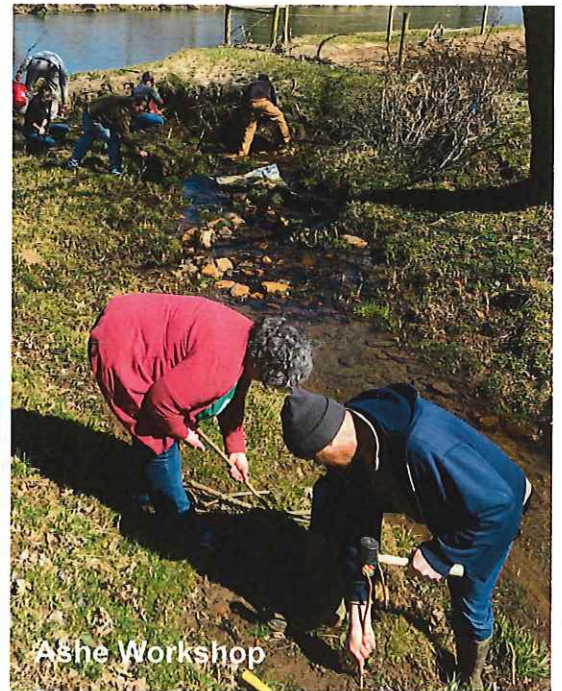


Naked Creek - AFTER

Naked Creek: Over a mile of stream restored and 9,080 shrubs and trees planted. *No longer impaired!*



Naked Creek - BEFORE

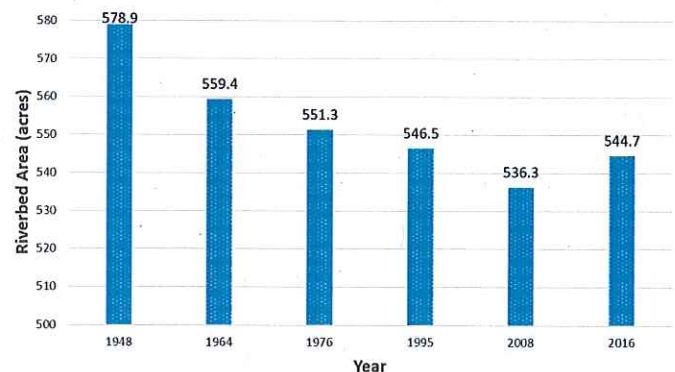
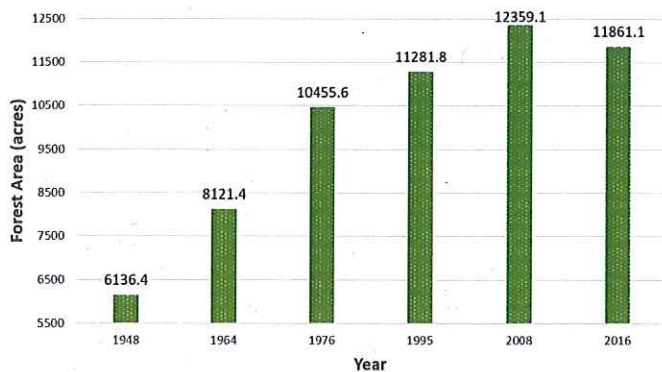
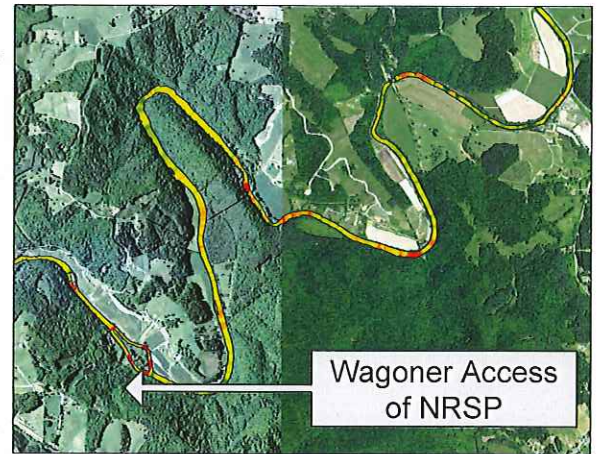


Ashe Workshop

NRSP Restoration Plan & River Widening

Finalizing document identifying restoration opportunities along NRSP.

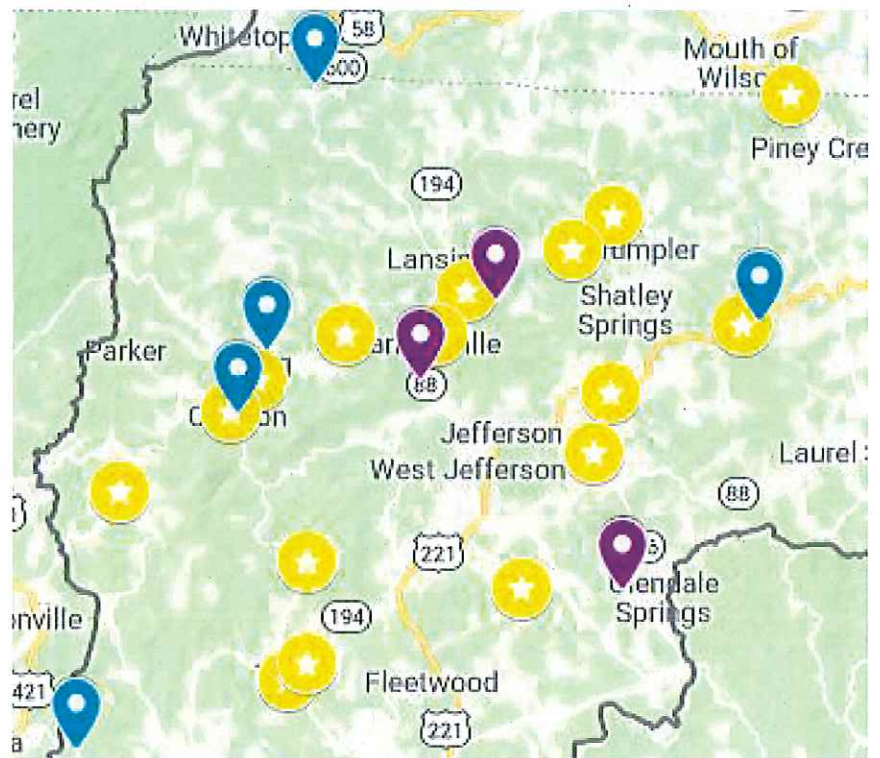
Study shows inverse correlation between forest buffer and river width. As forested buffer decreases, river width increases.

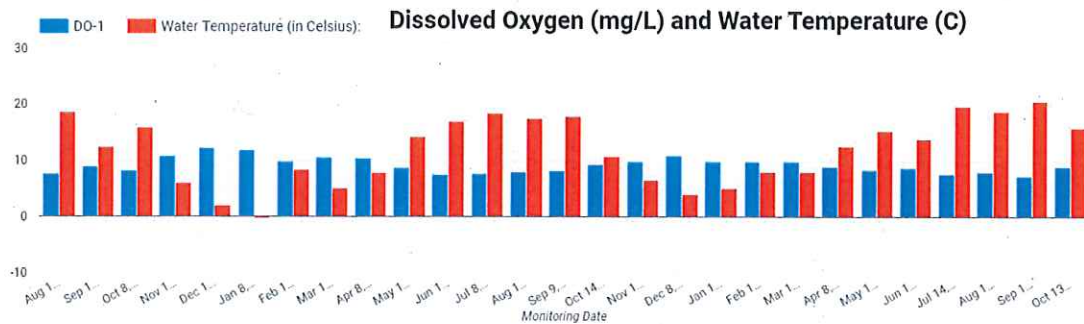


Water Quality Monitoring

4 active sites, 14 historic sites

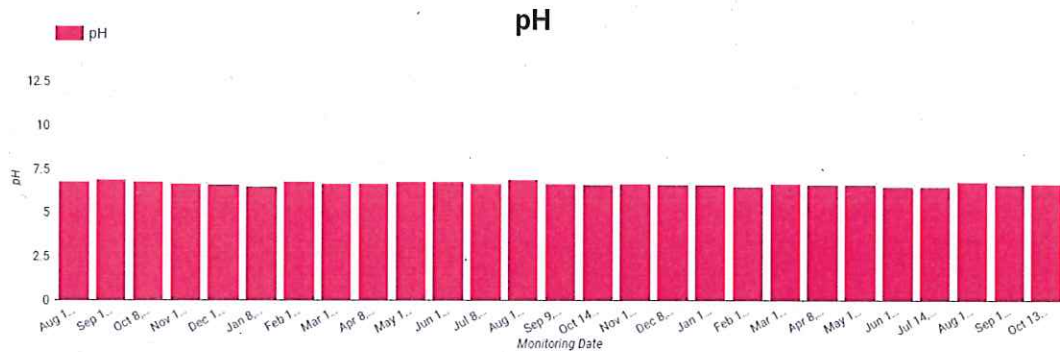
Newriverwaterquality.org





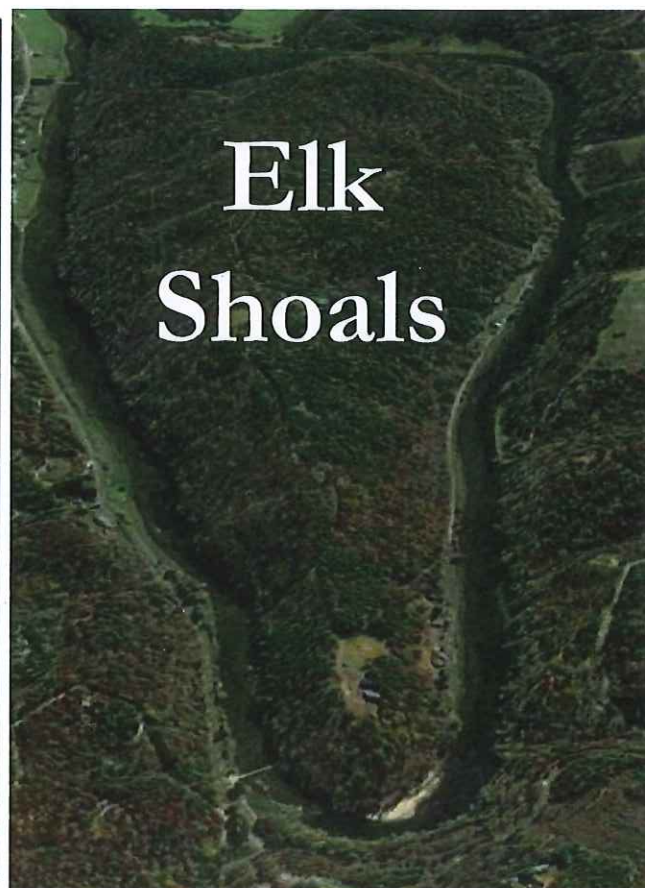
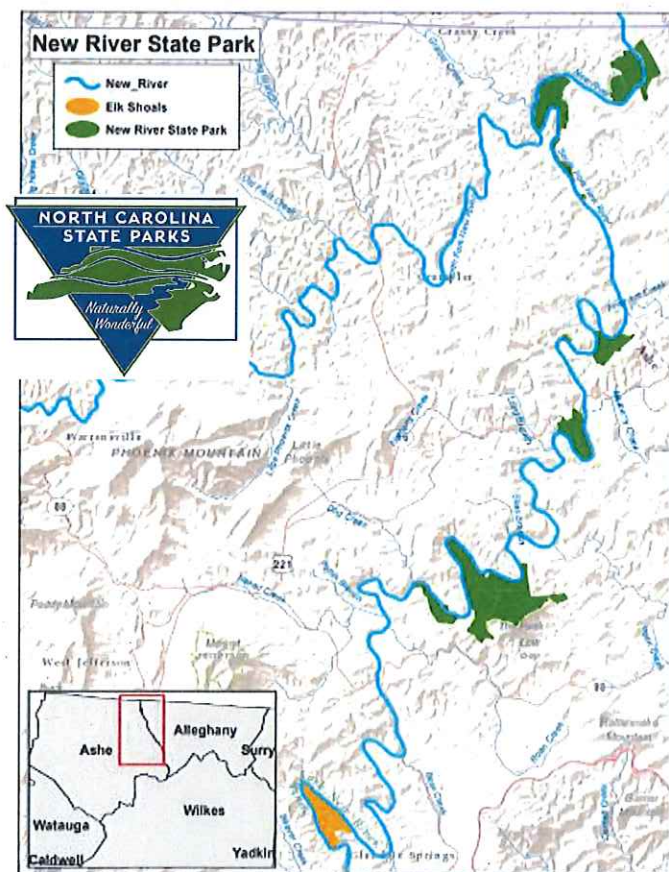
Dissolved Oxygen (DO) is inversely related to Temperature. Colder water holds more oxygen. Optimal conditions for trout are >6 mg/L DO and <13 degrees Celsius (55 degrees Fahrenheit). Optimal pH range is between 6 and 9.

Dissolved Oxygen is determined using Winkler's Titration. pH is determined using a LaMotte colorimetric kit.



Land Protection: Mezey - 66 acres with Nana Falls





Elk Shoals



Upcoming Events

- November 19th, 6:00 PM, Ashe County Public Library Community Room
- December 6th, 3:00 - 4:00 PM, Ashe County Public Library

12/6: Honoring Women's Knowledge



FREE FILM SCREENING!

TUES. NOV 19

New River Conservancy

6:00 PM

Appalachian
STATE UNIVERSITY

Community Room, Ashe County Library
148 Library Rd, West Jefferson, NC 28694

Refreshments will be provided

Appalachian Studies graduate students in the Sustainable Development course at Appalachian State University have been working with the New River Conservancy to help put theory into practice through promoting sustainable development in the New River watershed. The course is part of the Appalachian Regional Commission's Appalachian Teaching Project. Following the Brundtland Report's definition of sustainable development as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs," students in the course investigate key concepts of sustainable development and consider the ways that development can be equitable for communities in the Appalachian region and sustainable for the natural world.