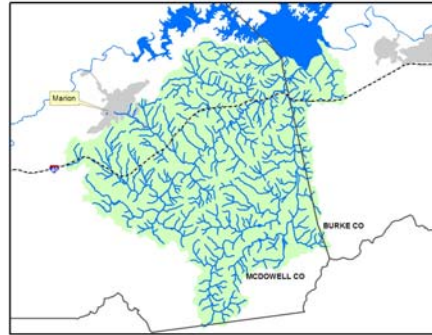
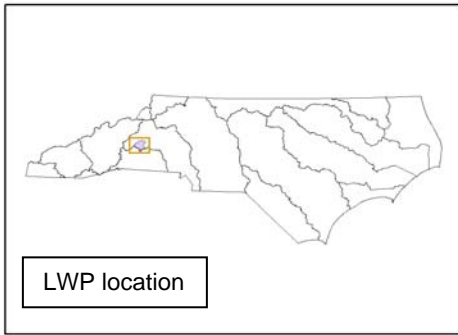


MUDDY CREEK RESTORATION PARTNERSHIP

MUDDY CREEK WATERSHED RESTORATION PLAN

Fact Sheet

River Basin: Cataloging Unit: 14-digit Hydrologic Units: Counties:	Catawba 03050101 03050101040010, 03050101040020, part of 03050101030060 McDowell, Burke
Watershed Area:	111 square miles
Planning Contact:	Andy Brown, Equinox Environmental Consultation and Design (828) 253-6856 or andy@equinoxenvironmental.com
Participants:	McDowell Co SWCD, Marion, McDowell & Burke Co, NC Cooperative Extension Service, NRCS, WRC, Trout Unlimited, Duke Energy, Foothills Conservancy, Carolina Land & Lakes RC&D, EEP, citizens of the Muddy Creek watershed
Funding Sources:	CWMTF, National Fish & Wildlife Foundation, Trout & Salmon Foundation, Duke Energy, DWQ, DWR, EPA, Vulcan Materials, Trout Unlimited, WRC, EEP



Project Overview

The Muddy Creek Restoration Partnership formed in 1998 to address severe sedimentation issues in the Muddy Creek watershed and its impacts on the Catawba River. Habitat degradation, high fecal coliform bacteria levels, and degraded biological communities are found throughout the watershed. A watershed restoration and feasibility study was completed in 2003, which names priority stream restoration, riparian buffer establishment, livestock exclusion, and riparian preservation areas.

From 2004 to the present, efforts have focused on the outreach and recruitment of landowners into priority conservation projects. In addition, a monitoring program was developed to collect baseline data and evaluate site-specific and cumulative impacts of on-the-ground restoration. In 2007, the Corpening-Jacktown watershed improvement initiative was started to address impacts to an impaired stream draining the City of Marion.

As of January 2009, approximately 23 miles of stream enhancement and restoration are complete, in construction, or in design. One farmland preservation project has been implemented, protecting 115 acres and one mile of stream. Six stormwater best management practices are either in design or installed.

Although the Ecosystem Enhancement Program is not formally involved in the Partnership, it has implemented priority projects named by the Partnership since 2004. In 2008, it contracted with Equinox Environmental to develop a detailed project atlas of stream restoration and preservation projects and to perform landowner outreach for priority projects. As of January 2009, it has 11 projects either in the ground or in development.

Documents

[Feasibility Report and Restoration Plan for the Muddy Creek Watershed \(2003\)](#)

[Muddy Creek Watershed Monitoring Report \(2008\)](#)

[Muddy Creek Watershed Monitoring Report Appendices \(2008\)](#)



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