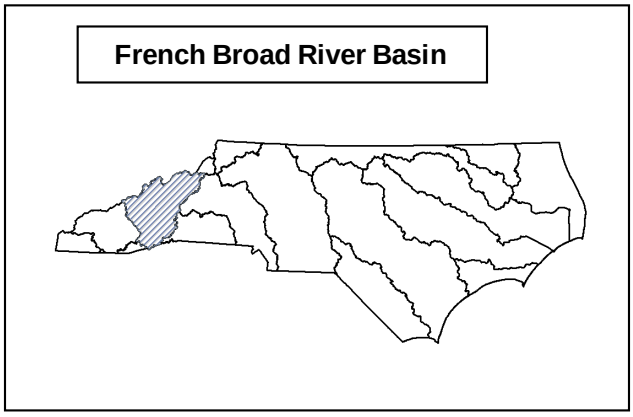
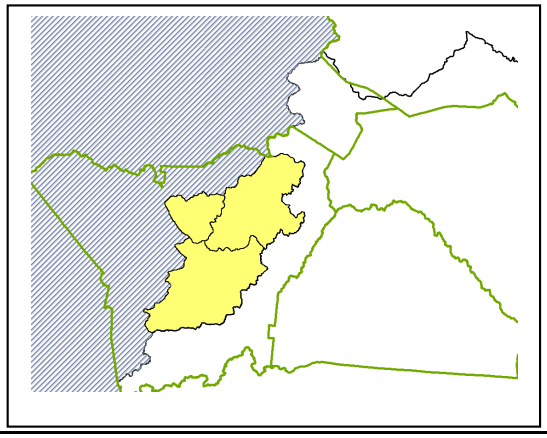
Environmental Quality

MUD CREEK LOCAL WATERSHED PLAN
FACT SHEET

Location **River Basin:** **Cataloging Unit:** **14-digit Hydrologic Units:** **County:**	Hendersonville French Broad River Basin 06010105 06010105030020, 06010105030030, 06010105030040 Henderson
Watershed Area:	113 square miles
Participants:	Mud Creek Watershed Restoration Council, NC Division of Water Quality, Natural Resources Conservation Service, Tennessee Valley Authority
Contractor Hired for Watershed Assessment	N/A

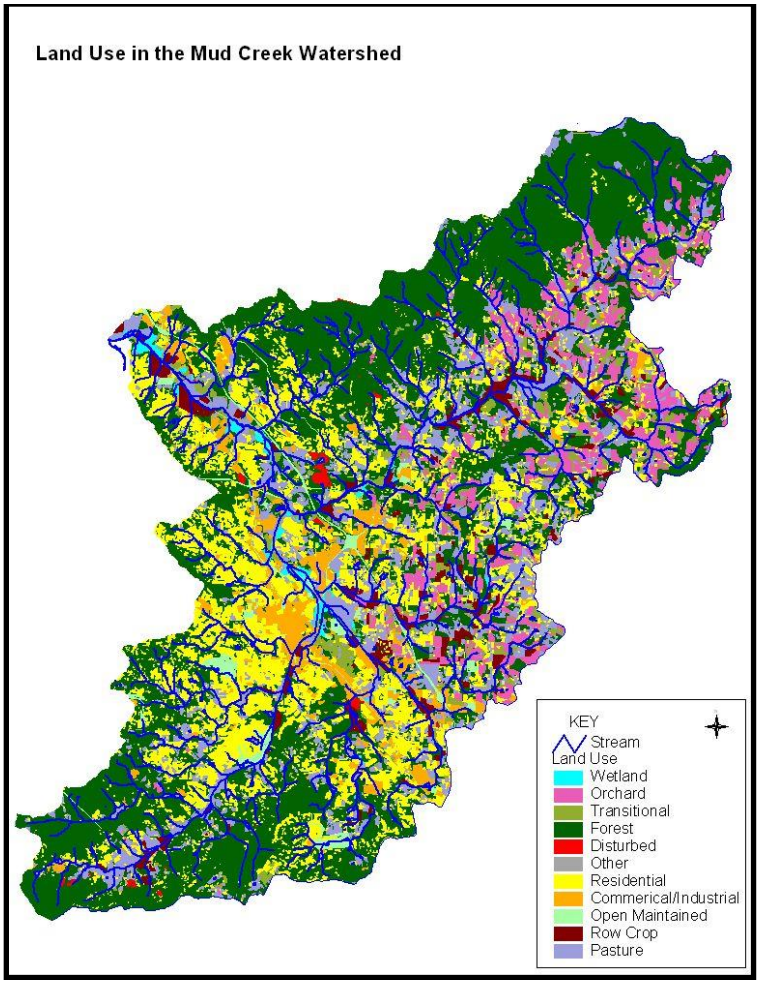




Project Overview

In 2000, the Land of Sky Regional Council of Governments convened the Mud Creek Watershed Restoration Council comprised of local government officials representing Henderson County, Hendersonville, Laurel Park, Flat Rock, state and federal agency officials, and business, environmental and community group representatives. For three years, the Council evaluated all possible sources and causes of water quality degradation and recommended a comprehensive set of strategies for addressing these problems in a report titled the *Mud Creek Watershed Restoration Plan* (see link below). The Council has developed an implementation strategy that set priorities and established timelines for restoration efforts. A Mud Creek Watershed Coordinator works through the NC Cooperative Extension Service, implementing various aspects of the plan. The EEP will continue to work with the Council to identify and implement stream and wetland restoration projects that are consistent with the plan. The Council used data from the Division of Water Quality (DWQ) and Tennessee Valley Authority (TVA) watershed assessment studies described below to delineate four major water quality concerns in the Mud Creek Watershed: (1) Volume, velocity and quality of post-construction

runoff from existing and new development; (2) Pesticides, nutrients, sediment and bacteria and other agricultural on-point source pollution; (3) Habitat degradation due to sedimentation, bank erosion, channelization, lack of riparian vegetation, loss of riffles or pools, loss of woody habitat and streambed scour; and (4) Sediment from construction activities, unpaved road/driveways, forestry, mining and development.



Mud Creek LWP Documents

Biological Impairment in the Mud Creek Watershed

Mud Creek Watershed Nonpoint Source Pollution Inventory and Pollutant Load Estimates

Mud Creek Watershed Restoration Plan

Summary of Findings & Recommendations