

N.C. Ecosystem Enhancement Program



Restoring... Enhancing... Protecting Our State

HOMINY SWAMP CREEK LOCAL WATERSHED PLAN Fact Sheet

Location:	Wilson
River Basin:	Neuse
Cataloging Unit:	03020203
14-digit Hydrologic Unit:	03020203020040
County:	Wilson
Watershed Area	15.5 square miles
Planning Contact:	Rob Breeding -- Ecosystem Enhancement Program (EEP) (919) 733-5311 or Rob.Breeding@ncdenr.gov
Participants:	City of Wilson Storm Water Services US Department of Agriculture, Natural Resources Conservation Service (NRCS) N.C. Cooperative Extension Service Neuse River Foundation
Contractor Hired for Watershed Assessment:	Land Use/Land Cover analysis developed by N.C. State University (NCSU) Center for Earth Observation; watershed assessment developed by EEP planning staff.

Project Overview Hominy Swamp Creek was selected for the focus area for the watershed assessment and restoration planning based on a number of concerns. Local resource professionals identified it as a high priority for restoration efforts due to heavy erosion and routine flooding concerns. It has since been designated by DWQ as biologically impaired based on poor ratings of benthic invertebrate communities identified during basin-wide sampling efforts. NCWRP contracted with NC State University to develop an updated land use/land cover classification for the watershed to help identify land characteristics contributing to nonpoint source water quality problems. NC DENR Division of Coastal Management has developed wetlands data that now covers the inner coastal plain, including the project area. These data have been used in part to develop the watershed assessment and restoration planning efforts that have been ongoing throughout 2003. A stream restoration project was implemented in a city park in Wilson as part of this project, and a number of complementary watershed improvement projects have been identified through field assessments.

Project Schedule This project was initiated in 1999 as part of an EPA grant. The watershed assessment and restoration plan were completed in December 2004. Several potential BMP sites were identified and submitted by the City of Wilson as part of this planning effort.

Documents

[Hominy Swamp Creek Watershed Assessment and Restoration Plan](#)