

## Fishing Creek Local Watershed Plan

## Fact Sheet

**Location:** Near Oxford, NC

River Basin: Tar-Pamlico
Cataloging Unit: 03020101

**14-digit Hydrologic Units:** 03020101020010, 03020101030010, 03020101030020

**Counties:** Granville (~93%), Vance (~5%), Franklin (~2%)

**Watershed Area** 69.7 square miles

**Potential Participants:** Granville County, City of Oxford, Tar River Land Conservancy (TRLC),

Pamlico Tar Foundation, The Nature Conservancy (TNC), NC Division of Water Quality (DWQ), NC Division of Forestry, NC Ecosystem Enhancement

Program (EEP), Clean Water Management Trust Fund (CWMTF)

**Watershed Assessment** W. K. Dickson & Co., Inc.

**Contractor:** 

Stakeholder Facilitators: Watershed Education for Communities and Officials (WECO, NCSU)









## **Project Overview**

This planning study focuses on streams in three hydrologic units (HUs), the largest of which encompasses the City of Oxford, NC. These HUs were chosen for multiple reasons. At the outset of this planning effort, three Transportation Improvement Program (TIP) projects were planned for development around Oxford. Fishing Creek is the major tributary of the Tar River running through the study area and is considered impaired due to its poor aquatic insect community. It was placed on the NC 303(d) list of state waters impaired by nonpoint source pollution by the Division of Water Quality (DWQ). The Oxford wastewater treatment plant is situated just south of the city in the headwaters of Fishing Creek.

Most of the land surrounding Oxford is pastureland and low-density residential area interspersed with some cropland. The land adjacent to the length of Fishing Creek is similar in character with slightly more cropland as it approaches the Tar River in the south. Most of the Tar River running through the study area is designated a Significant





Natural Heritage Area by the NC Natural Heritage Program. Waters in this watershed provide important habitat for rare aquatic and wetland species including mussels and plants. The Tar River Land Conservancy maintains two significant easements along the Tar River within the study area. The study area provides a balance of potential restoration and preservation opportunities, as well as opportunities for innovative projects to enhance other watershed functions.

## **Watershed Planning Documents**

Phase I Watershed Situation Assessment

**Detailed Assessment Report** 

Watershed Management Plan

**Project Atlas** 

Summary of Findings and Recommendations

