

N.C. Ecosystem Enhancement Program



Restoring... Enhancing... Protecting Our State

GOOSE & CROOKED CREEK LOCAL WATERSHED PLAN

FACT SHEET

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| <p>Location: Fairview, Hemby Bridge, Indian Trail, Mint Hill, Monroe, Unionville, Stallings, Matthews and unincorporated Mecklenburg and Union Counties</p> <p>River Basin: Yadkin</p> <p>Cataloging Unit: 03040105</p> <p>14-digit Hydrologic Units: 03040105030020, 03040105040010</p> <p>Counties: Union, Mecklenburg</p> | |
| <p>Watershed Area: 95 square miles</p> | |
| <p>Planning Contact: Anjie Ackerman (919) 715-1950 E-Mail: anjie.ackerman@ncdenr.gov</p> | |
| <p>Participants: County Staff, NRCS, SWCD, State and Federal Resource Agencies.</p> | |
| <p>Contractor Hired for Watershed Assessment: Centralina Council of Governments (www.centralina.org) Jason Wager (704) 348-2707 Tetra Tech, Inc., Raleigh, NC (www.tetrattech.com) Todd Kennedy (919) 485-8278</p> | |
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Project Overview The Goose and Crooked Creek watersheds are located in Mecklenburg and Union Counties between Charlotte and Monroe. Goose Creek is home to an existing population of a federally listed endangered fresh water mussel, known as the Carolina heelsplitter (*Lasmigona decorata*), and is also listed on the State's list of impaired waters for high fecal coliform levels. Likely sources for the bacteria are small municipal wastewater treatment plants and agricultural runoff. Crooked Creek is also an impaired water due to poor biological health. Construction, stormwater runoff, and agricultural use are the likely stressors to aquatic health in Crooked Creek. Development in both watersheds further threaten their aquatic health.

Goose Creek has been the focus of watershed protection in recent years by both North Carolina's Wildlife Resources Commission and the U.S. Fish and Wildlife Service because of the endangered Carolina heelsplitter. In Crooked Creek, activities by municipalities to control flooding and manage stormwater have demonstrated the



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need for watershed planning. The Local Watershed Plan looks to build on prior planning efforts in these watersheds and develop a strategy for improving water quality and biological conditions.

Please visit the Plan website for further information on background, meetings, reports, and more:

www.Gooseandcrooked.org

Project Schedule

Phase I of the project began July 2008 and was completed in March 2009. Phase II/III work is expected to begin in early 2010.



Non-Forested Stream Channel



Open land in the area is threatened by rapid development

Deliverables:

[Phase I Summary with Preliminary Findings and Phase II/III Recommendations](#)