



NC Ecosystem Enhancement Program
Goose Creek & Crooked Creek Local Watershed Plan – Phases II & III
GOALS AND OBJECTIVES
Adopted 3/29/11

GOAL 1:

Restore, protect, and enhance watershed functions such as hydrology, water quality, and aquatic and terrestrial habitat.

OBJECTIVES 1:

- a) Restore, expand, support, and protect beneficial watershed functions and uses including:
 - o Protect flood plain function
 - o Wildlife & Aquatic habitat
 - i. Environmentally sensitive and critical lands
 - 1. Undeveloped natural areas
 - 2. Natural area connectivity
 - ii. Native vegetation
 - iii. Native aquatic biology
 - iv. In-stream habitat
 - o Recreation
 - o Wetland hydrology
- b) Design and construct projects to restore, maintain, and enhance:
 - o Stream banks
 - o Riparian areas
 - o Wildlife habitat areas
 - o In-stream habitat
 - o Riparian buffers
 - o Wetlands
- c) Minimize impacts of stormwater runoff and erosion on stream hydrology to promote stable stream morphology and protect aquatic habitat and native tree species
- d) Minimize impacts on water quality by pathogens, nutrients, and other pollutants in stormwater runoff
- e) Cooperate with property owners and permitting agencies to detect and eliminate illicit discharges, sanitary sewer overflows, and malfunctioning septic systems to protect human health, enhance water quality and aquatic habitat.
- f) Address impacts to stream water quality due to livestock access to streams

- g) Address pollutant(s) of concern for state approved Total Maximum Daily Loads and water quality improvement plans

GOAL 2:

To minimize impacts on water quality, aquatic and terrestrial habitat, and hydrology in the watershed by supporting balanced, sustainable, and diverse land use and development, in accordance with existing and future policies.

OBJECTIVES 2:

- a) Promote site planning, design, construction and maintenance strategies to maintain or restore hydrology and water quality of the property
- b) Identify strategies that strive to maximize effectiveness, minimize cost, and minimize impacts on businesses and residents where possible
- c) Identify restoration and protection strategies that complement comprehensive plans and policies and provide multiple benefits such as recreation and protection of critical lands
- d) Design and construct infrastructure projects (e.g., water/sewer lines, energy transmission lines, etc.) in manner that minimizes impacts on watershed functions (i.e., water quality, habitat, and hydrology).
- e) Promote design and construct new developments, recreation areas, etc. in manner that minimizes impacts on watershed functions, including minimizing impervious areas.

GOAL 3:

Build partnerships and involve stakeholders in the protection and restoration of the watersheds

OBJECTIVES 3:

- a) Increase education, awareness, and stewardship within the watershed, including encouraging policy makers to develop policies that support a healthy watershed
- b) Identify and recruit stakeholders and partners in protecting, maintaining, and restoring watersheds in Mecklenburg and Union counties
- c) Report progress toward protection and restoration through monitoring and assessment.
- d) Identify funding for implementation
- e) Seek adoption for endorsement of the local watershed plan by each local jurisdiction within the watersheds.