Determination of Minor Construction Activity

North Carolina Division of Water Quality
Construction Grants and Loans Section

Project Applicant: Charlotte-Mecklenburg Stormwater Services
Date: April 29, 2009
Project Number: 2W370377-11
Estimated Project Cost: $ 577,555
Estimated Funding Amount: $ 577,555

Project Description: The proposed project is a collaborative water reuse/environmental restoration project with Mecklenburg County on a public recreation facility. The project will involve using all economically-viable space to construct a 10.8 acre-foot lake to catch and filter stormwater runoff and provide a pond for irrigation purposes. Once outfitted for irrigation, this pond is expected to reduce potable water consumption by 300,000 gallons per week during peak usage periods. The pond will detain stormwater to near pre-developed hydrology and as a result will protect Irwin Creek from the scouring effects of a highly urbanized watershed. Phosphorous bacteria and other pollutants will be removed from the stormwater, which will improve the water quality in Irwin Creek, Sugar Creek, and the Catawba River. Excess phosphorous is the pollutant of concern in drinking water supplies downstream of Charlotte along the Catawba River and has led to the creation of a TMDL. This project is expected to remove approximately 50 percent of the total phosphorous and approximately 55 percent of the total suspended solids from the stormwater runoff received from the contributing 304-acre watershed.

The above named applicant intends to apply for assistance from the State Revolving Fund program associated with the American Recovery and Reinvestment Act of 2009 to construct the wastewater facilities described above. The North Carolina Division of Water Quality (DWQ) has conducted a review of the project in accordance with the procedures (NCAC 15A Subchapter 1C) for conformance with the North Carolina Environmental Policy Act. The DWQ has determined that this project is a minor construction activity, and that the preparation of additional environmental documents is not required.

This determination shall become effective upon its distribution by DWQ. This determination can be revoked at any time adverse information is made available. The documentation to support this decision will be on file with the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Construction Grants and Loans Section, and is available for public review at www.nccgl.net.

Comments concerning this decision may be addressed to Mr. Kim H. Colson, P.E., Assistant Chief, Construction Grants and Loans Section, Division of Water Quality, 1633 Mail Service Center, Raleigh, North Carolina 27699-1633, or he may be reached by phone at (919) 715-6212.

Sincerely,

Daniel M. Blaisdell

Daniel M. Blaisdell, P.E., Chief
Construction Grants and Loans Section
Division of Water Quality