

## Categorical Exclusion

### North Carolina Division of Water Infrastructure

Project Applicant: Charlotte-Mecklenburg Utilities Department  
Date: February 4, 2015  
Project Number: CS370777-13  
Estimated Project Cost: \$3,332,071  
Estimated Funding Amount: \$3,266,736

**Project Description:** The proposed project will install a combined heat and power system at the McAlpine Creek Wastewater Management Facility to include a 1 MW internal combustion engine/generator set (running off of existing digester biogas) with associated gas scrubbing, hot water feed/return system, and electrical/control components.

The engine will use biogas from the digester to generate approximately 8,000 MWh per year while providing process heat, which will be used to maintain elevated temperatures in the digester. The project will include tie-ins to the electrical system, waste biogas fuel stream and hot water feed loops.

The above named applicant will receive funding assistance from the State Revolving Fund program to construct the wastewater facilities described above. The North Carolina Division of Water Infrastructure (DWI) 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 DWI has determined that this project is below the minor construction activities threshold outlined in 15A NCAC 01C .0408; therefore, the project is exempt from inter-agency review, and the preparation of additional environmental documents is not required.

This determination shall become effective upon its distribution by the DWI and will be available on the DWI's website (<http://portal.ncdenr.org/web/wi/fonsi-dmca-ce>). 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 Infrastructure, and is available for public scrutiny upon request.

Comments concerning this decision may be addressed to Ms. Jennifer Haynie, Environment and Special Projects Unit, Division of Water Infrastructure, 1633 Mail Service Center, Raleigh, North Carolina 27699, or she can be reached by phone at (919) 707-9173.

Sincerely,



Seth Robertson, P.E., Chief  
State Revolving Fund Section  
Division of Water Infrastructure