



Environmental Services

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Policy: ADM.BOP 104

To: Interested Parties

From: Joseph Threadcraft, Ph.D., P. E. – Environmental Services Director

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Michael Orbon, P. E. – Water Quality Director

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Date: September 15, 2017

RE: Engineering requirements for On-Site Wastewater System Design

This memo supersedes previous policy memo ADM.BOP 104 dated February 9, 2016.

All engineering plans and specifications submittals must conform to requirements defined under 130A-336.1, 15A NCAC 18A .1900 Rules, and the Rules Governing Wastewater Treatments and Dispersal Systems in Wake County. In addition to these requirements, it is also recommended for all submittals to comply with the North Carolina Board of Examiners for Engineers and Surveyors (NCBELS) policy - BP-1007-1. Following clarifications are provided:

- 1) Engineering responsibility for system design is limited to address only the component/portion of the system that requires engineering work as defined by above provisions.
- 2) All Engineering Designs should adhere to Signing and Sealing Guidelines provided by NCBELS.
- 3) Modifications to designs and installation plans submitted and approved by the Department must be approved by the Engineer and accepted by the Department.
- 4) Engineering certification of installation is required for the portion of design that required engineering.
- 5) Plans for Repair System(s) drainfield(s) should be submitted by the Licensed Soils Scientist (LSS), Professional Geologist (PG), or LSS and Professional Engineer (PE), or Designer, or Registered Environmental Health Specialist (REHS) on case by case basis as determined by Wake County Environmental Services. Engineering design of other components of future repair system(s) is not required (although preferred) to be submitted during initial system permitting.

We appreciate your cooperation in helping this department abide by all regulatory principles and we are available to discuss further as needed.