

United States Department of Agriculture



Natural Resources Conservation Service
530 W. Innes Street
Salisbury, North Carolina 28144

Gowon L. Goode, Area Supervisory Engineer
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SUBJECT: ENG – Cary Sewer Project – Wastewater Pump
Station Parallel Force Main SW
Crabtree Creek Watershed
Structure #23 – Lake Crabtree

DATE: March 20, 2018

**TO: RICHARD CAMPBELL
WAKE COUNTY FACILITIES DESIGN
AND CONSTRUCTION
WAKE CO. OFFICE BLDG., 12TH FLOOR
P.O. BOX 550, RALEIGH NC 27602
336 FAYETTEVILLE ST., SUITE 1212
RALEIGH, NC 27601**

FILE CODE: 210

Mr. Campbell,

The USDA-Natural Resources Conservation Service, Acting State Conservation Engineer, J'Que Jones, has reviewed the proposed Town of Cary sewer improvements on Wake County's easement for Crabtree Creek Watershed, Site 23 – Lake Crabtree. The new sewer lines and improvements do not change the flood storage volume. The manhole tops and vents are above the flood pool elevation of Crabtree Creek Watershed, Site 23. It appears that the sewer line proposal will have NO-EFFECT on the functioning of the structure.

According to the submitted plans from The Wooten Company, the Town of Cary will install sewer lines and manholes on land that Wake County has an easement. Some of the improvements are located on land in the flood pool area of Site 23. The sewer lines will be installed by open cut and horizontal directional drilling. Cary is also requesting an additional 10' easement from Wake County for a new 16" force main sewer line and a 30' easement in the area of the new 24" gravity sewer line. Sewer improvements and installation such as this should have no short-term or long-term affects to the functioning of the structure. Therefore, the NRCS recommends concurrence be granted for the proposed plans as presented.

Thank you for the opportunity for the NRCS to provide comments. Please feel free to contact me if you have any questions.

Sincerely,

GOWON GOODE

Digitally signed by GOWON

GOODE

Date: 2018.03.20 09:54:31 -04'00'

Gowon Goode
Area Supervisory Engineer

Cc:

Rick Stogner, Facility & Field Services Director, General Services Administration, Wake County
William Byrum, Soil Conservationist, USDA-NRCS, Raleigh Field Office
J'Que Jones, Acting State Conservation Engineer, USDA-NRCS, Raleigh, State Office
Kim Kroeger, Geologist, USDA-NRCS, Raleigh, State Office

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