



MEMORANDUM

To: Crystal Best
State Environmental Review Clearinghouse
Department of Administration

From: Seth Robertson, P.E.

Date: January 11, 2017

Subject: Amendment to FONSI for City of Kings Mountain
Cleveland County Water System Improvements
DWSRF Project No WIF-1785F, WIF-1784F
SCH File # 14-E-4300-0007

The purpose of this memorandum is to amend the Finding of No Significant Impact (FONSI) for the City of Kings Mountain Cleveland County Water System Upgrade Project (State Clearinghouse Number 14-E-4300-0007). As the Lead Agency, the Division of Water Infrastructure requests that the State Environmental Review Clearinghouse post this document for 30 days as an informational update for interested parties. Information regarding the proposed amendment to the FONSI is discussed below.

The original FONSI/EA contained the following scope of work: (1) expand the T.J. Ellison Water Treatment Plant from 8 million gallons per day (MGD) to 12 MGD; and (2) extend 36-inch transmission main from Muddy Fork Branch to the City's water storage facilities

The proposed amendment adds the following to the scope of work: (1) replacement of approximately 10,600 l.f. of existing 24-inch line with new 24-inch line, and (2) 2,600 l.f. of new 24-inch line along Kings Mountain Boulevard. This change will allow for the replacement of an aging line, and a short section of new line intended to better serve current customers.

The 24-inch line will be placed within the previously disturbed DOT right-of-way. Sediment and erosion control measures and BMPs will be implemented to minimize impacts to waterbodies. Construction traffic will be limited to specific routes to minimize impacts to wildlife. As agreed with the U.S. Fish and Wildlife Service, directional drilling will be used to avoid impacts to an identified area of potentially suitable habitat for the threatened Dwarf-flowered Heartleaf. Secondary and cumulative impacts will be mitigated by jurisdictional ordinances and permitting processes.



Ms. Crystal Best
State Environmental Review Clearinghouse
January 11, 2017
Page No. 2 of 2

Conclusion

The review process indicated that with the mitigation measures in place to protect sensitive species, significant adverse environmental impacts should not occur and an environmental impact statement will not be required.

