

# North Carolina Department of Environmental Quality

Pat McCrory  
Governor

Donald R. van der Vaart  
Secretary

September 29, 2015

Ms. Lisa Hughes, County Manager  
Yadkin County  
217 E. Willow Street  
Yadkinville, NC 27055

**SUBJECT:   Engineering Report Funding Approval  
              Yadkin County  
              East Bend Water Transmission Main  
              Project No.: WIF-1853**

Dear Ms. Hughes:

The Division of Water Infrastructure (Division) has completed its review of the subject engineering report. Based upon this review, the Division has determined that the referenced project is eligible for funding as follows:

Approximately 51,000 LF of 8-inch and 3,700 LF of 12-inch waterline and a 250 GPM dual booster pump station.

Based upon detailed review of the bid documents, it may be determined that portions of the project are not eligible for funding and the total loan amount may be reduced.

In accordance with G.S. 120-157.1 through 157.9, enacted on June 24, 2011, local government units with projects that require debt to be issued greater than \$1,000,000 must submit a letter to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission. You are responsible for submitting this letter and providing a copy to the Division.

Please note that the milestones below must be met to maintain assurance of funding under the State Revolving Fund.

Bid and Design Package Submittal:	April 1, 2016
Bid and Design Package Approval:	August 1, 2016
Advertise Project, Receive Bids, Submit Bid Information, <u>and</u> Receive Authority to Award:	December 1, 2016
Execute Construction Contract(s):	January 3, 2017

If you have any questions concerning this matter, please contact Michelle McKay at 919-707-9171 or michelle.mckay@ncdenr.gov.

Sincerely,



Seth Robertson, P.E., Chief  
State Revolving Fund Section

MM/dr

Attachment

cc: Michael Goliber, P.E., Davis-Martin-Powell & Associates, High Point, NC

Mark Hubbard, P.E. via email

Susan Kubacki via email

Michelle McKay via email

SRF

# Request for Categorical Exclusion from Substantive Environmental Review (CE)

## Instructions:

1. Provide the WIF number for the project for which you are requesting consideration.
2. Fill out the Applicant's formal name. For a county authority, please specify which county. "County Water District VII" is not a complete name; "ABC County Water District VII" is a complete name.
3. Check all applicable exclusions. Failure to check an applicable exclusion will result in the rejection of your request.
4. Either the "authorized representative" or the Professional Engineer must sign the form. If the Professional Engineer signs the form, the Professional Engineer must seal the form.
5. Submit as part of the ER/EID, following the "**Factsheet: Instructions for Applicants Seeking a Federal Categorical Exclusion**" available at <http://portal.ncdenr.org/web/wi/drinkingwater/factsheets>.

WIF No.: WIF-1853  
Applicant: County of Yadkin  
Project Name: Yadkin County Water System Improvements

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Division of Water Infrastructure

## Project Description

The town of East Bend, located in the northeast section of Yadkin County, North Carolina, will be served through nearly 51,000± LF of new 8" waterline and approximately 3,700± new 12" waterline. The project will serve the Town of East Bend and the properties located adjacent to the roadway along the corridor of the proposed water transmission main. The project will improve the quality of water for the citizens and businesses of East Bend and the county residents along the proposed route. This project requires the use of a booster pump station due to Winston-Salem's hydraulic grade line being lower than the hydraulic grade line in East Bend. The booster pump station will be a duplex design, with a design point of 250 GPM @ 155' TDH..

I certify that the project described in the application for state-supplied financial assistance meets all of the applicable general criteria listed in 15A NCAC 01C .0408 (1), and consists solely of activities exempted under the specific criteria of 15A NCAC 01C .0408 (2) checked below:

## Please check all the exclusion(s) that apply:

- Potable water systems including the construction or rehabilitation of wells for water supply purposes with associated groundwater withdrawals of less than 1,000,000 gallons per day where such withdrawals are not expected to cause alterations in established land use patterns, or degradation of groundwater or surface water quality.  
[15A NCAC 01C .0408 (2)(c)].

## Other potable water systems including the following:

- Improvements to water treatment plants that involve less than 1,000,000 gallons per day added capacity and total design withdrawal less than one-fifth of the 7-day, 10-year low flow of the contributing stream;  
[15A NCAC 01C .0408 (2)(b)(i)]
- Improvements not intended to add capacity to the facility; [15A NCAC 01C .0408 (2)(b)(ii)]
- Installation of waterlines and appurtenances in existing rights-of-way for streets or utilities, or water lines and appurtenances less than five miles in length and having only directional bore stream crossings or no stream crossings; [NCGS. § 113A-12(1) & 15A NCAC 01C .0408 (2)(b)(iii)]
- Construction of water tanks, or booster pumping or secondary or remote disinfection stations;  
[15A NCAC 01C .0408 (2)(b)(iv)]
- Dams less than 25 feet in height and having less than 50 acre-feet or storage capacity [15A NCAC 01C .0408 (2)(h)] (Notes: #1 Dam projects are ineligible for federally recognized CE. #2 Only off-stream raw water reservoirs for pre-treatment purposes are eligible for SRF funding.)

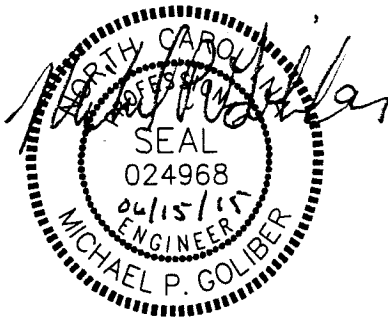
I further certify that the project does not have a significant direct, indirect, cumulative or secondary adverse environmental impact as described in 15A NCAC 01C .0306, and that none of the following descriptions apply to the project:

- the proposed activity may have a potential for significant adverse effects on wetlands; surface waters such as rivers, streams and estuaries; parklands; game lands; prime agricultural or forest lands; or areas of local, state or federally recognized scenic, recreational, archaeological, ecological, scientific research or historical value, including secondary impacts; or would threaten a species identified on the Department of Interior's or the state's threatened and endangered species lists; [15A NCAC 01C .0306 (1)] or
- the proposed activity could cause changes in industrial, commercial, residential, agricultural, or silvicultural land use concentrations or distributions which would be expected to create adverse water quality, instream flow, air quality, or ground water impacts; or affect long-term recreational benefits, fish, wildlife, or their natural habitats; [15A NCAC 01C .0306 (2)] or
- the proposed activity has secondary impacts, or is part of cumulative impacts, not generally covered in the approval process for the state action, and that may result in a potential risk to human health or the environment; [15A NCAC 01C .0306 (3)].

Therefore, I believe our project is eligible for consideration for a CE from the State's environmental assessment review processes and request that the North Carolina Department of Environment and Natural Resources (DENR) concur with this determination.

I understand that DENR may determine that the proposed activity is of such an unusual nature or has such widespread implications that a concern for its environmental effects has been identified by DENR or expressed to DENR. I understand that, in this case, the activity may be ineligible for CE under 15A NCAC 01C .0306 (4).

- We are applying for a Drinking Water State Revolving Fund (DWSRF) loan and include the required comment letters. OR
- We are not applying for the DWSRF.



Michael P. Goliber

Authorized Representative or Engineer Printed Name

*Michael P. Goliber* 06/15/15

Authorized Representative or Engineer Signature & Date

Senior Project Manager

Authorized Representative or Engineer Title

State Use Only (Review)

Reviewed by: *Michelle McKay*

Date: *July 16, 2015*

Departmental Approval: *Vernant Jude Tomarino*

Date: *30 Sept. 2015*