

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 - 1900

Applicant: 04-96-060

Project Name: Fork Township Sanitary District

Project Description

As of August 1, 2018, FTSD will not be allowed to withdraw more than 202,000 gpd from its five finished water wells, which had a combined rated capacity (12 hours pumping/day) of 1,206,000 gpd at the time the wells were placed in service. FTSD has 17 raw water rock wells within FTSD (all water from the rock wells is treated at FTSD's central WTP) that provide up to 444,000 gpd. After August 1, 2018, FTSD's total well supply will be limited to 646,000 gpd. FTSD's actual well withdrawals and water purchases in 2015 amounted to 867,000 gpd. In order to avoid a significant water shortage, FTSD negotiated a Water Purchase Agreement (WPA) with the City of Goldsboro in 2012 that allows FTSD to purchase up to 500,000 gpd from Goldsboro. Although the WPA has been approved, FTSD does not have the capability to receive water from Goldsboro without making significant improvements to the FTSD water system. Goldsboro disinfects its drinking water with chloramines. FTSD disinfects its water with chlorine. The two types of disinfected water may not be mixed without generating significant water quality problems. In order to avoid these problems, FTSD proposes to separate its service area into two components. Chloraminated water purchased from Goldsboro will be directed to and limited to the densely developed area adjacent to Goldsboro. The rural area to the west will be served by FTSD's chlorinated ground water. FTSD's existing water treatment plant (WTP) that treats raw water from the rock wells within FTSD is located within the area proposed to be served by chloraminated water purchased from Goldsboro. FTSD proposes to renovate the WTP to provide the capability to produce either chlorinated or chloraminated water such that it may provide water to either service area. FTSD will be required to construct approximately 29,500 LF of 12" water lines and 9,500 LF of 8" - 10" water lines in order to convey chlorinated water from the WTP to the rural area proposed to receive chlorinated water. Without the new proposed water lines FTSD would not have the capability to convey chlorinated water from the WTP (located within the chloraminated water service area) to the rural areas on the west side of FTSD since the existing water lines surrounding the WTP will be used to distribute the chloraminated water. FTSD must renovate (no increase in capacity) an existing 400 gpm booster pump station in order to purchase water from Goldsboro. The booster pump station was constructed in 1986 to supply water to FTSD from Goldsboro during the time FTSD's Wells 1, 2 and 3 were being constructed and has not been used since that time. All improvements proposed in this project are for the sole purpose of providing FTSD the capability to purchase and distribute water from Goldsboro in order to re-capture a portion of the capacity lost due to FTSD's CCPCUA Permit and to avoid a major water shortage.

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.



F. Tyndall Lewis, P.E.

Authorized Representative or Engineer Printed Name

F. Tyndall Lewis

Authorized Representative or Engineer Signature & Date

ER Author

Authorized Representative or Engineer Title

State Use Only (Review)

Reviewed by: DMG.

Date: 8/4/16

Departmental Approval: Vincent Jack Tomars

Date: 4 August 2016

Review Checklist: Request for Categorical Exclusion for DWSRF Projects

Applicant: FORK TOWNSHIP SANITARY DISTRICT **WIF #** 1900

PWS ID: 04-96-060 **P&S Serial #** _____

Required for all Requests for Categorical Exclusion (CEs)

Cross-Cutting Authority	Responsible Agency/Action(s) Taken/Dates Actions Taken
Archeological and Historic Preservation Act of 1974, Pub. L. 86-523, as amended	North Carolina Dept. of Cultural Resources for signoff. <input type="checkbox"/> Blanket letter from applicant OK? _____ <input checked="" type="checkbox"/> Comments from agency OK? <u>April 14, 2016</u> .
National Historic Preservation Act of 1966, PL 89-665, as amended	
Protection of Wetlands, Executive Order 11990	US Army Corps of Engineers <input type="checkbox"/> By "no permits required" comment letter from USACOE _____ <input type="checkbox"/> By sealed & signed "no jurisdiction" blanket comment letter from applicant's engineer _____ <input checked="" type="checkbox"/> By sealed & signed "no permits required" blanket comment letter from applicant's engineer <u>July 7, 2016</u> . <input type="checkbox"/> By sealed & signed "all permits in place" blanket comment letter from applicant's engineer _____
Endangered Species Act, Pub. L. 93-205, as amended	US Fish & Wildlife Service for signoff <input checked="" type="checkbox"/> Comments from USFWS OK: <u>April 29, 2016</u> . <input type="checkbox"/> By sealed & signed blanket letter from applicant's engineer for project scopes <u>that don't require comments</u> (see factsheet) _____ <input type="checkbox"/> By sealed & signed blanket letter from applicant's engineer after 30 days pass without USFWS comment _____
Fish and Wildlife Coordination Act, Pub. L. 85-624, as amended	
Wild and Scenic Rivers Act, Pub. L. 90-542, as amended	
Environmental Justice, Executive Order 12898 <i>The proposed improvements benefit the entire service area without exclusions.</i>	DWSRF Funding Unit and the local PWSS Regional Engineer Based on responses given by PWSS-RE to those questions included on the EJ questionnaire, which was provided to the RE during the priority review period: 1. Does the potentially affected community include an EJ community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Are there significant environmental impacts likely to fall disproportionately on minority and/or low-income members of the community and/or tribal resources? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Coastal Barrier Resources Act, Pub. L. 97-348	Division of Coastal Management (DCM) 1. Is this project located in any of the following counties: <i>Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrrell, and Washington</i> ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. If the answer to question #1 is "Yes", then DCM must find if the project is in an Area of Environmental Concern (AEC) established by the Coastal Resources Commission. Is it in one of these AECs? <input type="checkbox"/> Yes <input type="checkbox"/> No DCM Response Date: _____ 3. If the answer to question #2 is "Yes", then the project requires a CAMA permit. Does the project have a CAMA permit? <input type="checkbox"/> Yes <input type="checkbox"/> No CAMA Permit Date: _____
Coastal Zone Management Act, Pub. L 92-583, as amended	

Signed Request for CE posted on Web? (optional) _____