

Request for Categorical Exclusion from Substantive Environmental Review (CE)

R
APR 13 2018
Division of Water Resources

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 under this webpage: <http://portal.ncdenr.org/web/wi/planning>.

WIF No.: 1915

Applicant: Town of Marshville

Project Name: Booster Pump Station Replacement and Water Main Extensions

Project Description

The proposed project includes the replacement/relocation of an existing booster pump station, and the installation of approximately 5,600 lf of water main at two separate locations. The proposed BPS is to be located approximately 1 mile east of the existing station on property to be acquired by the Town. As a condition of the property acquisition, the project includes the replacement of approximately 600 lf of 8-inch water across the existing industrial site. The proposed pump station will consist of duplex pumps in a new building, permanent generator, and remote terminal units (RTU) for the SCADA system. The High Road / Old Peachland Road water main extension includes the installation of approximately 5,000 lf of 6-inch water main. As noted above, the water main extension along Hwy 74 that included approximately 1,700 lf of 6-inch water main has been deleted from the project.

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.)

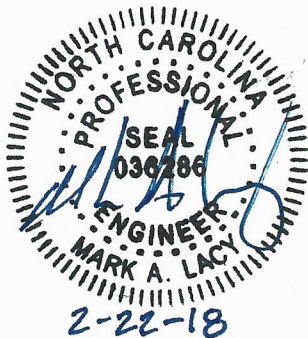
I further certify that the project does not have a significant direct, indirect, cumulative or secondary adverse environmental impact as described in 15A NCAC 01C .0306, and that none of the following descriptions apply to the project:

- 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.



Digitally signed by Mark Lacy, P.E.
Date: 2018.02.22 11:56:56 -05'00'

Mark Lacy, P.E.

Authorized Representative or Engineer Printed Name

[Signature] 2-22-18

Authorized Representative or Engineer Signature & Date

Project Manager

Authorized Representative or Engineer Title

State Use Only (Review)

Reviewed by: *Michelle McKay*

Date: *4-16-2018*

Departmental Approval: *Vincent J. Tomars*

Date: *4.18.2018*



APR 13 2018
Divis

North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary Susi H. Hamilton

Office of Archives and History
Deputy Secretary Kevin Cherry

March 22, 2018

Mark Lacy
LKC Engineering, PLLC
140 Aqua Shed Court
Aberdeen, NC 28315

Re: Booster Pump Station Replacement and Water Main Extensions, Marshville, Union County,
ER 16-1176

Dear Mr. Lacy:

Thank you for your letter of February 22, 2018, concerning the above project.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona M. Bartos



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Asheville Field Office
160 Zillicoa Street
Asheville, North Carolina 28801

March 9, 2018

Mr. Mark Lacy
LKC Engineering, PLLC
140 Aqua-Shed Court
Aberdeen, North Carolina 28315

RECEIVED
APR 13 2018
DIVISION OF WILDLIFE MANAGEMENT

Dear Mr. Lacy:

Subject: Proposed Marshville Water System Improvements, Marshville, Union County, North Carolina

In your letter of February 20, 2018 (received via email on that same date), you requested our comments with regard to the subject proposed projects. We previously commented on these projects in letters to LKC Engineering on November 4, 2013 and July 28, 2016. The following comments are provided in accordance with the provisions of the National Environmental Policy Act (42 U.S.C. § 4321 et seq.); Migratory Bird Treaty Act, as amended (16 U.S.C. 703) (MBTA); and section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531-1543) (Act).

In our original letter, we did not have any concerns about stream crossings because they were to be accomplished with directional boring - directional boring under streams significantly minimizes impacts to aquatic resources and riparian buffers. We have concerns with the change to the "open trench" method for stream crossings and remind you that a permit from the U.S. Army Corps of Engineers is likely necessary to proceed. Directional boring under streams significantly minimizes impacts to aquatic resources and riparian buffers.

If directional boring cannot be used and trenching is determined to be the only viable method, every effort should be made to ensure that impacts to in-stream features are minimized and stable upon completion of the project. Our past experiences with open-trench crossings indicate that this technique increases the likelihood for future lateral movement of the stream (which could undercut or erode around the utility line), and the correction of such problems could result in costly future maintenance and devastating impacts to natural resources. Therefore, as much work as possible should be accomplished in the dry, and the amount of disturbance should not exceed what can be successfully stabilized by the end of the workday. In-stream work should avoid the spring fish-spawning season and should consider forecasted high-flow events.

Regardless of the crossing method, all utility lines should cross streams perpendicularly. We strongly encourage that a qualified biologist monitor the work area until the work is complete in order to identify any additional on-site impact-minimization measures.

To determine if any maintenance is required, the work site should be monitored at least every 3 months during the first 24 months and annually thereafter. Moreover, we recommend the development of a riparian monitoring and maintenance program that would outline procedures for the prompt stabilization of streambanks near the utility crossing (should any streambank erosion or destabilization occur) throughout the life of this project.

We continue to believe the proposed project will not affect endangered or threatened species or their habitats and the requirements under section 7 of the Act are fulfilled. However, obligations under section 7 of the Act must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered, (2) this action is subsequently modified in a manner that was not considered in this review, or (3) a new species is listed or critical habitat is determined that may be affected by the identified action.

Thank you for allowing us to comment on this project. If you have any questions, please contact Mr. Allen Ratzlaff of our staff at 828/258-3939, Ext. 229. In any future correspondence concerning this project, please reference our Log Number 4-2-14-019.

E-Copy:

Olivia Munzer, North Carolina Wildlife Resources Commission, olivia.munzer@ncwildlife.org
Mr. Vincent Tomaino, Division of Water Infrastructure, 1633 Mail Service Center, Raleigh, NC
27699-1633

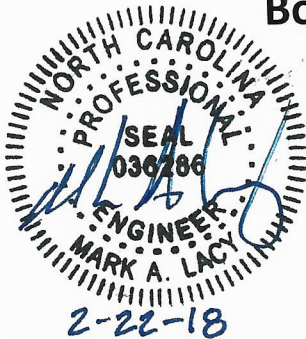
PRELIMINARY ENGINEERING REPORT / ENVIRONMENTAL INFORMATION DOCUMENT

RECEIVED
APR 13 2018
Division of Water Resources

Booster Pump Station Replacement & Water Main Extensions

ADDENDUM #1

Town of Marshville, North Carolina



Digitally signed by Mark Lacy, P.E.
Date: 2018.02.22 11:53:54 -05'00'



Presented to:
Franklin Deese, Mayor
Town of Marshville
Town Council
201 West Main Street
Marshville, NC 28103

Prepared by:
Mark Lacy, P.E.
Project Engineer
LKC Engineering, PLLC
140 Aqua Shed Court
Aberdeen, NC 28315
mark@lkcengineering.com

February 2018

BLANKET COMMENTS FOR CATEGORICAL EXCLUSION

This Amendment #1 to the Preliminary Engineering Report is prepared to provide the Blanket Comments to support the request for a Categorical Exclusion. The comments below reference the Factsheet: Instructions for Applicants Seeking a Federal Categorical Exclusion.

US Army Corps of Engineers

This project satisfies Blanket Comment #2 from the Factsheet. The proposed intermittent stream crossings included in the project will occur within previously disturbed right of way and are included in Nationwide Permit 12. Since the total proposed disturbance is less than 1/10th of an acre a preconstruction notification is not required. As such, the author of this report has determined that all required Army Corps of Engineers permits are in place.

Review Checklist: Request for Categorical Exclusion for DWSRF Projects

Applicant: MARSHVILLE, TOWN OF WIF # 1915
 Project Name BOOSTER Pump Station REPLACEMENT & WATER MAIN EXTENSION

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? _____
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 type="checkbox"/> By sealed & signed "no permits required" blanket comment letter from applicant's engineer _____ <input checked="" 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 _____ <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	DWSRF Funding Unit and the local PWSS Regional Engineer Does the project require the assistance of the PWS Section Regional Supervisor to determine possible EJ impacts? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: 1. Does the potentially affected community include an EJ community? <input type="checkbox"/> Yes <input 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 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) _____