

Review Checklist: Request for Categorical Exclusion for DWSRF Projects

Applicant: Oxford WIF # 1872
 PWS ID: NC 02 39 010 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 type="checkbox"/> Comments from agency OK? <u>5.19.2016</u> <i>received</i>
National Historic Preservation Act of 1966, PL 89-665, as amended	
Protection of Wetlands, Executive Order 11990	US Army Corps of Engineers <input checked="" 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>5.27.2016</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>6.2.2016</u> <input type="checkbox"/> By sealed & signed blanket letter from applicant's engineer for project scopes that don't require comments (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>Water tank is a system-wide affect.</i> <i>NJT</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 checked="" 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 checked="" 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) _____

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-1872

Applicant: City of Oxford

Project Name: City of Oxford Water Tank Upgrade

Project Description

This project will add a new water tank, construct related transmission mains, and install a SCADA system for the City of Oxford. These system improvements will address the shortfall in the water system's finished water storage supply, the high levels of disinfection byproducts, and add system wide redundancy. The City has received Notices of Violations issued by the Division of Water Resources for its limited water storage capacity and the presence of disinfection byproducts in the finished water.

It is proposed to install a 750,000-gallon water storage tank on the southwest side of town near the intersection NC Highway 15 and Industry Drive. This storage tank will also have an aeration treatment system installed to reduce the presence of disinfection byproducts in the finished water.

Additionally, a 5,100 linear foot 12-inch diameter transmission main will be installed along NC Highway 15. This transmission main will loop the City's water system, reducing the overall age of the water in the water mains that also reduces the presence of disinfection by products in the finished water.

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.



Doug Chapman, PE

Authorized Representative or Engineer Printed Name

Authorized Representative or Engineer Signature & Date

Senior Project Manager

Authorized Representative or Engineer Title

State Use Only (Review)

Reviewed by: Amant Jack Tomaris

Date: 9 June 2016

Departmental Approval: Amant Jack Tomaris

Date: 9 June 2016



ADDENDUM NO. 1

FEDERAL CATEGORICAL EXCLUSION STATEMENTS

CITY OF OXFORD WATER TANK UPGRADES
CITY OF OXFORD, NORTH CAROLINA

This addendum serves to address the Federal Categorical Exclusion for the proposed project.

1. NC Department of Cultural Resources (NCDCCR)

Project-specific comment letter from NCDCCR is required because new waterlines are going cross-country (e.g., establishing new right-of-way) and new water tanks will be installed through this project. **A request for review has been sent to the NCDCCR.**

2. U.S. Fish and Wildlife Services (USFWS)

Project-specific comment letter from NCDCCR is required because new waterlines are going cross-country (e.g., establishing new right-of-way) and new water tanks will be installed through this project. **A request for review has been sent to the USFWS.**

3. U.S. Army Corps of Engineers (USACE)

None of the construction activities or facilities themselves will occur in a stream, lake, or other body of water or in a wetland. A water transmission main will be installed as a directional-bore stream crossing, so no mud or other materials will be discharged into a stream or wetland. **Therefore, I have determined that no U.S. Army Corps of Engineers Permit is required.**

Doug Chapman, PE
Senior Project Manager
McGill Associates
1240 19th Street Lane NW
Hickory, NC 28601
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E n g i n e e r i n g • P l a n n i n g • F i n a n c e



received 6/8/2016
MT

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Pat McCrory
Secretary Susan Kluttz

Office of Archives and History
Deputy Secretary Kevin Cherry

May 19, 2016

Doug Chapman
McGill Associates, PA
1240 19th Street, Lane NW
Hickory, NC 28601

Re: City of Oxford Water Tank Upgrades, Granville County, ER 16-0810

Dear Mr. Chapman:

Thank you for your letter of May 6, 2016, 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
Raleigh ES Field Office
Post Office Box 33726
Raleigh, North Carolina 27636-3726

June 2, 2016

*Received 6.8.2016
VJT*

Doug Chapman
McGill Associates
1240 19th Street Lane NW
Hickory, NC 28601

Re: City of Oxford Water Tank Upgrades – Granville County, NC

Dear Mr. Chapman:

This letter is to inform you that a list of all federally-protected endangered and threatened species with known occurrences in North Carolina is now available on the U.S. Fish and Wildlife Service's (Service) web page at <http://www.fws.gov/raleigh>. Therefore, if you have projects that occur within the Raleigh Field Office's area of responsibility (see attached county list), you no longer need to contact the Raleigh Field Office for a list of federally-protected species.

Our web page contains a complete and frequently updated list of all endangered and threatened species protected by the provisions of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.)(Act), and a list of federal species of concern¹ that are known to occur in each county in North Carolina.

Section 7 of the Act requires that all federal agencies (or their designated non-federal representative), in consultation with the Service, insure that any action federally authorized, funded, or carried out by such agencies is not likely to jeopardize the continued existence of any federally-listed endangered or threatened species. A biological assessment or evaluation may be prepared to fulfill that requirement and in determining whether additional consultation with the Service is necessary. In addition to the federally-protected species list, information on the species' life histories and habitats and information on completing a biological assessment or evaluation and can be found on our web page at <http://www.fws.gov/raleigh>. Please check the web site often for updated information or changes.

¹ The term "federal species of concern" refers to those species which the Service believes might be in need of concentrated conservation actions. Federal species of concern receive no legal protection and their designation does not necessarily imply that the species will eventually be proposed for listing as a federally endangered or threatened species. However, we recommend that all practicable measures be taken to avoid or minimize adverse impacts to federal species of concern.

If your project contains suitable habitat for any of the federally-listed species known to be present within the county where your project occurs, the proposed action has the potential to adversely affect those species. As such, we recommend that surveys be conducted to determine the species' presence or absence within the project area. The use of North Carolina Natural Heritage program data should not be substituted for actual field surveys.

If you determine that the proposed action may affect (i.e., likely to adversely affect or not likely to adversely affect) a federally-protected species, you should notify this office with your determination, the results of your surveys, survey methodologies, and an analysis of the effects of the action on listed species, including consideration of direct, indirect, and cumulative effects, before conducting any activities that might affect the species. If you determine that the proposed action will have no effect (i.e., no beneficial or adverse, direct or indirect effect) on federally listed species, then you are not required to contact our office for concurrence (unless an Environmental Impact Statement is prepared). However, you should maintain a complete record of the assessment, including steps leading to your determination of effect, the qualified personnel conducting the assessment, habitat conditions, site photographs, and any other related articles.

With regard to the above-referenced project, we offer the following remarks. Our comments are submitted pursuant to, and in accordance with, provisions of the Endangered Species Act.

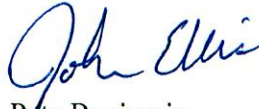
Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites. We believe that the requirements of section 7(a)(2) of the Act have been satisfied for your project. Please remember that obligations under section 7 consultation 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 determined that may be affected by the identified action.

However, the Service is concerned about the potential impacts the proposed action might have on aquatic species. Aquatic resources are highly susceptible to sedimentation. Therefore, we recommend that all practicable measures be taken to avoid adverse impacts to aquatic species, including implementing directional boring methods and stringent sediment and erosion control measures. An erosion and sedimentation control plan should be submitted to and approved by the North Carolina Division of Land Resources, Land Quality Section prior to construction. Erosion and sedimentation controls should be installed and maintained between the construction site and any nearby down-gradient surface waters. In addition, we recommend maintaining natural, vegetated buffers on all streams and creeks adjacent to the project site.

The North Carolina Wildlife Resources Commission has developed a Guidance Memorandum (a copy can be found on our website at (<http://www.fws.gov/raleigh>) to address and mitigate secondary and cumulative impacts to aquatic and terrestrial wildlife resources and water quality. We recommend that you consider this document in the development of your projects and in completing an initiation package for consultation (if necessary).

We hope you find our web page useful and informative and that following the process described above will reduce the time required, and eliminate the need, for general correspondence for species' lists. If you have any questions or comments, please contact John Ellis of this office at (919) 856-4520 ext. 26.

Sincerely,

A handwritten signature in blue ink that reads "John Ellis". The signature is written in a cursive style with a large initial "J" and "E".

Pete Benjamin
Field Supervisor

List of Counties in the Service's Raleigh Field Office Area of Responsibility

Alamance	Perquimans
Beaufort	Person
Bertie	Pitt
Bladen	Randolph
Brunswick	Richmond
Camden	Robeson
Carteret	Rockingham
Caswell	Sampson
Chatham	Scotland
Chowan	Tyrrell
Columbus	Vance
Craven	Wake
Cumberland	Warren
Currituck	Washington
Dare	Wayne
Duplin	Wilson
Durham	
Edgecombe	
Franklin	
Gates	
Granville	
Greene	
Guilford	
Halifax	
Harnett	
Hertford	
Hoke	
Hyde	
Johnston	
Jones	
Lee	
Lenoir	
Martin	
Montgomery	
Moore	
Nash	
New Hanover	
Northampton	
Onslow	
Orange	
Pamlico	
Pasquotank	
Pender	