Review Checklist: Request for Categorical Exclusion for DWSRF Projects

Applicant: Valdese - Ma	in Street wif # 1955						
Project Name Main Street	WL Replacement						
Required for all Requ	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 National Historic Preservation Act of 1966, PL 89-665, as amended	North Carolina Dept. of Cultural Resources for signoff. Blanket letter from applicant OK?						
Protection of Wetlands, Executive Order 11990	US Army Corps of Engineers We would be with the series of Engineers We would be with the series of Engineers By "no permits required" comment letter from USACoE 1-24-2019 By sealed & signed "no jurisdiction" blanket comment letter from applicant's engineer By sealed & signed "no permits required" blanket comment letter from applicant's engineer 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 1- 25. 2019						
Fish and Wildlife Coordination Act, Pub. L. 85-624, as amended	Comments from USFWS OK 2 2019 By sealed & signed blanket letter from applicant's engineer for project scopes that don't require comments (see factsheet)						
Wild and Scenic Rivers Act, Pub. L. 90-542, as amended	By sealed & signed blanket letter from applicant's engineer after 30 days pass without USFWS comment						
Environmental Justice, Executive Order 12898 May Street Wh Replacement	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? Yes No If yes: Does the potentially affected community include an EJ community? Yes No Are there significant environmental impacts likely to fall disproportionately on minority and/or low-income members of the						
	community and/or tribal resources? Yes 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: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrrell, and Washington? Yes 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						
Coastal Zone Management Act, Pub. L 92-583, as amended	Resources Commission. Is it in one of these AECs? Yes DCM Response Date: If the answer to question #2 is "Yes", then the project requires a CAMA permit. Does the project have a CAMA permit? Yes No CAMA Permit Date:						
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
- 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.:	WIF-1955
Applicant:	Town of Valdese
Project Name:	Main Street Water Line Replacement Project

Project Description

The Main Street Water Line Replacement Project will replace aging water lines in the Town of Valdese's water distribution system. This project proposes to replace approximately 6,800 linear feet of 6-inch and 8-inch cast iron water line in the downtown area along Main Street (U.S. Highway 70). The project will replace approximately 3,800 linear feet of 6-inch water main, 3,000 linear feet of 8-inch water main, and approximately 190 linear feet of 2-inch galvanized steel water main within existing rights-of-way. The proposed replacement project will include new 6inch and 8-inch ductile iron water lines, valves, service connections, fire hydrants, and related appurtenances. No construction activities will occur in a stream, lake, other body of water, or wetland.

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:

P	PASP	check	all	the	exc	usion	(0)	that	apply:	
	lease	CHECK	all	riie.	CAU	usiuii	31	ullat	appiv.	

Please	check <u>all</u> 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 autors available.
	surface water quality.
	[15A NCAC 01C .0408 (2)(c)].
Other p	otable 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)]
\boxtimes	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 <u>15A NCAC 01C</u> .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.



State Use Only (Review)		
Reviewed by: Vincent Tomaino	Date: _	2.26.2019
Departmental Approval: Wwent Jude Tomaine	Date: _	26 Februar 2019



ADDENDUM NO. 1

FEDERAL CATEGORICAL EXCLUSION STATEMENTS

MAIN STREET WATER LINE REPLACEMENT PROJECT TOWN OF VALDESE, NORTH CAROLINA

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

1. NC Department of Cultural Resources (NCDCR)

Project-specific comment letter from NCDCR is not required because new waterlines are being constructed in the previously disturbed right-of-way. A request for review will not be sent to the NCDCR.

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

Project-specific comment letter from USFWS is required because new waterlines are being constructed within the existing right-of-way. 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. New water lines will be installed in previously disturbed right-of-way's, 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.

R.J. Mozeley, PE

Project Manager McGill Associates 1240 19th Street Lane NW Hickory, NC 28601

Phone: 828.328.2024 | Fax: 828.383.3870

rj.mozeley@mcgillengineers.com

Engineering • Planning • Finance

5.0 Environmental Information Document

Following the spring 2018 award cycle, as stated in the Letter of Intent to Fund dated August 1, 2018, and subsequent confirmation by the State Water Infrastructure Authority, the Town of Valdese has been awarded funding from the Drinking Water State Revolving Fund (DWSRF) program. The Main Street Water Line Replacement Project meets all the applicable criteria in 15A NCAC 01C .0408 (1) and 15A NCAC 01C .0408 (2) for Categorical Exclusion from substantive environmental review.

The Categorical Exclusion Request form is included with this Engineering Report (ER). Additionally, the Addendum No.1 Federal Categorical Exclusion Statements and the Environmental Review for the United States Fish and Wildlife Service are included in this section. The Threatened and Endangered Species List for Burke County used to supplement the US Fish and Wildlife Service Letter can be found in Appendix H of this document.



January 25, 2019

Mr. Brian Cole, Field Supervisor U.S. Fish and Wildlife Asheville Field Office 160 Zillicoa Street Asheville, NC 28801

> RE: Environmental Review Categorical Exclusion Main Street Water Line Replacement Project Town of Valdese, North Carolina

Dear Mr. Cole:

We have requested categorical exclusion from substantive environmental review requirements (CE) under 15A NCAC 1C .0408 "minimum criteria" rules, for the project listed below. Before granting the request, the Division of Water Infrastructure (DWI) of North Carolina Department of Environmental Quality requires us to seek your agency's comment on the advisability of issuing a CE. Specific project information is laid out below.

Project Information:

Project #: WIF-1955

Applicant: Town of Valdese

County: Burke County

Project Description:

The Town of Valdese Main Street Water Line Replacement Project will replace aging water lines in the Town of Valdese's water distribution system. This project proposes to replace approximately 6,800 linear feet of 6-inch and 8-inch cast iron water line that extends from the east side of town to the west side along Main Street (U.S. Highway 70). The project will replace approximately 3,800 linear feet of 6-inch water main, 3,000 linear feet of 8-inch water main, and approximately 190 linear feet of 2-inch galvanized steel water main.

The proposed replacement project will include new 6-inch and 8-inch water lines adjacent to the existing lines complete with new service connections, service lines, and re-

connection to all existing water meters, new fire hydrants, new valves, pavement replacement, and related appurtenances. The proposed pipe material is ductile iron. Proposed ductile iron pipe segment sizes will match existing sizes of cast iron pipe segments and the 2-inch galvanized steel segment, located on the west side of the project area, will be replaced with 6-inch ductile iron pipe.

Applicant Contact Information:	Project Engineer Contact Information:
Seth Eckard	R.J. Mozeley, PE
Town Manager	Project Manager
Town of Valdese	McGill Associates
Post Office Box 339	1240 19 th Street Lane NW
Valdese, North Carolina 28690	Hickory, NC 28601
Phone: 828.879.2116	Phone: 828.328.2024 Fax: 828.383.3870
seckard@ci.valdese.nc.us	rj.mozeley@mcgillengineers.com

Additional Information (if applicable):

The project is entirely limited to the downtown area of the Town of Valdese located in Burke County, North Carolina.

The following is a list of threatened species listed on the USF&WS website (http://www.fws.gov/raleigh/species/cntylist/nc_counties.html) for Burke County. The Main Street Water Line Replacement Project does not take place in and is not expected to adversely affect the threatened or endangered species listed below.

Type	Species	Listing	Explanation of expected impact
Vertebrate	Bog Turtle	Threatened	The bog turtle has no identified critical habitat in the project area. This project will install new waterlines within existing rights-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vertebrate	Northern long- eared bat	Threatened	The Northern long-eared bat has no identified critical habitat in the project area. This project will install new waterlines along the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.

Type	Species	Listing	Explanation of expected impact
Vascular Plant	Dwarf- flowered Heartleaf	Threatened	The Dwarf-flowered heartleaf has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vascular Plant	Heller's blazing star	Threatened	Heller's blazing star has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vascular Plant	Mountain golden heather	Threatened	The Mountain golden heather has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vascular Plant	Small whorled pogonia	Threatened	The Small whorled pogonia has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vascular Plant	Spreading avens	Endangered	The spreading avens has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.
Vascular Plant	White irisette	Endangered	The white irisette has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.

Type	Species	Listing	Explanation of expected impact
Lichen	Rock gnome lichen	Endangered	The lichen has no identified critical habitat in the project area. This project will install new waterlines within the existing right-of-way, the Town will comply with the appropriate regulations and implement the appropriate conservation measure to ensure that this project will have no adverse impact.

Potentially impacted migratory birds include the Bald Eagle. The Town will comply with the appropriate regulations and implement the appropriate conservation measures to ensure that this project will have no adverse impact to migratory birds.

No information was found for refuges and fish hatcheries or for wetlands in the National Wetlands Inventory for this project area.

In developing your comments, please address those federal cross cutting authorities listed with your agency below:

Agency	Cross Cutting Authority				
North Carolina Cultural	Archeological and Historic Preservation Act of 1974, Pub. I				
Resources	86-523, as amended				
4	National Historic Preservation Act of 1966, PL 89-665, as amended				
United States Fish & Wildlife	Endangered Species Act, Pub. L. 93-205, as amended				
Service	Fish and Wildlife Coordination Act, Pub. L 85-624, as				
	amended				
	Wild and Scenic Rivers Act, Pub. L. 90-542, as amended				
United States Army Corps of	Protection of Wetlands, Executive Order 11990 and Floodplain				
Engineers	Management, Executive Order 11988				

Mr. Brian Cole, U.S. Fish and Wildlife January 25, 2019 Page 4 of 4

After your review, please provide comments to the Division of Water Infrastructure, preferably by email at vincent.tomaino@ncdenr.gov. You may also write to Vincent Tomaino at the address below. If you require additional information, please inquire directly to the applicant contact, at the address above.

Parcel Delivery (e.g., FedEx) Address	Regular Mail Address
Division of Water Infrastructure	Division of Water Infrastructure
Archdale Building – Room 825R	1633 Mail Service Center
512 North Salisbury Street	Raleigh, NC 27699-1633
Raleigh, NC 27604	
919.707.9160	

To enable the project to move forward, please issue your comment letter or email <u>even if you have</u> no comments. You may reply by email.

Sincerely,

McGILL ASSOCIATES, P.A.

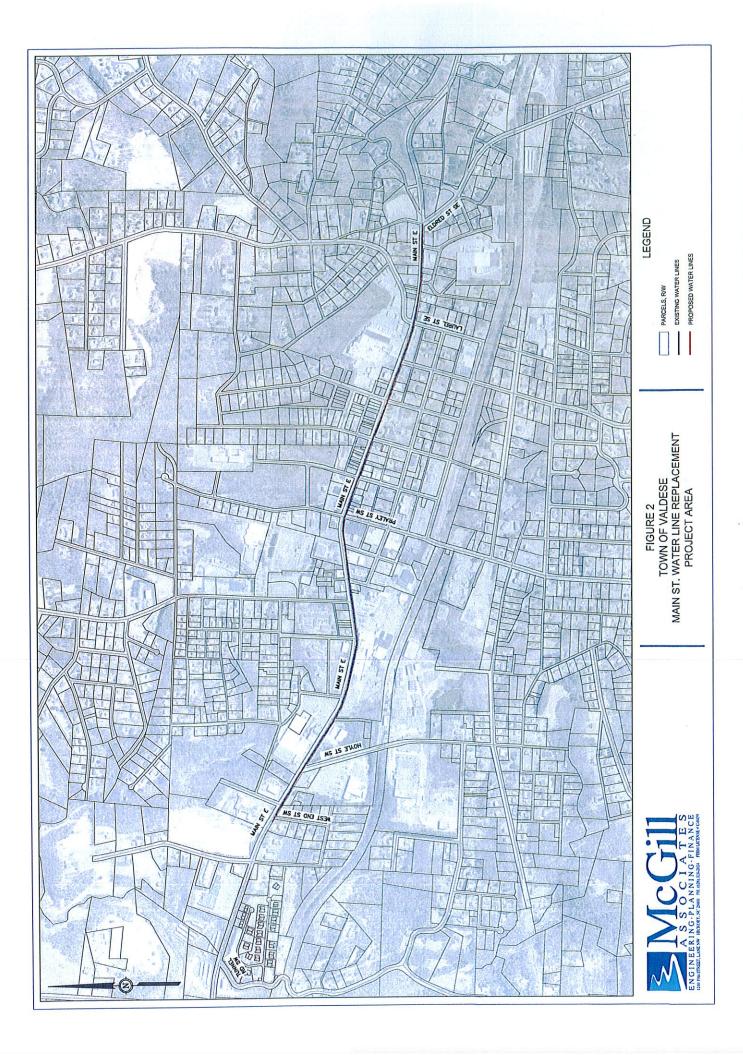
R.J. MOZELEY, PE

Project Manager

Enclosures: Color-coded Project Area Map

ce: Vincent Tomaino, Division of Water Infrastructure

Seth Eckard, Town Manager, Town of Valdese, North Carolina



U.S. Fish & Wildlife Service

Endangered Species, Threatened Species, Federal Species of Concern, and Candidate Species,

Burke County, North Carolina



Updated: 06-27-2018

Critical Habitat Designations:

Mountain golden heather - *Hudsonia montana* - The area bounded by the following: on the west by the 2200' contour; on the east by the Linville Gorge Wilderness. Boundary north from the intersection of the 2200' contour and the Shortoff Mountain Trail to where it intersects the 3400' contour at ?The Chimneys?--then follow the 3400' contour north until it reintersects the Wilderness Boundary--then follow the Wilderness Boundary again northward until it intersects the 3200' contour extending west from its intersection with the Wilderness Boundary until it begins to turn south--at this point the Boundary extends due east until it intersects the 2200' contour. Federal Register Reference: October 20, 1980, Federal Register, 45: 69360-69363.

Common Name	Scientific name	Federal Status	Record Status
Vertebrate:			
Allegheny woodrat	Neotoma magister	FSC	Current
Bald eagle	Haliaeetus leucocephalus	BGPA	Current
Bog turtle	Glyptemys muhlenbergii	T (S/A)	Current
Northern long-eared bat	Myotis septentrionalis	T	Current
Rafinesque's big-eared bat	Corynorhinus rafinesquii	FSC	Current
Red crossbill (Southern Appalachian)	Loxia curvirostra	FSC	Current
Invertebrate:			
Brook floater	Alasmidonta varicosa	ARS	Current
Cherokee clubtail	Gomphus consanguis	ARS	Obscure
Diana fritillary (butterfly)	Speyeria diana	FSC	Current
Edmund's snaketail	Ophiogomphus edmundo	ARS	Current
Margarita River skimmer	Macromia margarita	ARS	Current
Midget snaketail	Ophiogomphus howei	FSC	Current
Vascular Plant:			
Butternut	Juglans cinerea	FSC	Current
Dwarf-flowered heartleaf	Hexastylis naniflora	T	Current
Gray's saxifrage	Saxifraga caroliniana	FSC	Current
Heller's blazing star	Liatris helleri	T	Current
Mountain golden heather	Hudsonia montana	T	Current
Small whorled pogonia	Isotria medeoloides	T	Current
Spreading avens	Geum radiatum	E	Historic
White irisette	Sisyrinchium dichotomum	E	Current
Nonvascular Plant:			
a liverwort	Plagiochila sullivantii var. sullivantii	FSC	Current

a liverwort	Porella wataugensis	FSC	Current
a liverwort	Cephaloziella obtusilobula	FSC	Historic
a liverwort	Plagiochila sullivantii var. spinigera	FSC	Historic

Lichen:

Rock gnome lichen Gymnoderma lineare E Current

Definitions of Federal Status Codes:

E = endangered. A taxon "in danger of extinction throughout all or a significant portion of its range." T = threatened. A taxon "likely to become endangered within the foreseeable future throughout all or a significant portion of its range."

C = candidate. A taxon under consideration for official listing for which there is sufficient information to support listing. (Formerly "C1" candidate species.)

BGPA =Bald and Golden Eagle Protection Act. See below.

ARS = At Risk Species. Species that are Petitioned, Candidates or Proposed for Listing under the Endangered Species Act. Consultation under Section 7(a)(2) of the ESA is not required for Candidate or Proposed species; although a Conference, as described under Section 7(a)(4) of the ESA is recommended for actions affecting species proposed for listing.

FSC=Federal Species of Concern. FSC is an informal term. It is not defined in the federal Endangered Species Act. In North Carolina, the Asheville and Raleigh Field Offices of the US Fish and Wildlife Service (Service) define Federal Species of Concern as those species that appear to be in decline or otherwise in need of conservation and are under consideration for listing or for which there is insufficient information to support listing at this time. Subsumed under the term "FSC" are all species petitioned by outside parties and other selected focal species identified in Service strategic plans, State Wildlife Action Plans, or Natural Heritage Program Lists.

T(S/A) = threatened due to similarity of appearance. A taxon that is threatened due to similarity of appearance with another listed species and is listed for its protection. Taxa listed as T(S/A) are not biologically endangered or threatened and are not subject to Section 7 consultation. See below.

EXP = experimental population. A taxon listed as experimental (either essential or nonessential). Experimental, nonessential populations of endangered species (e.g., red wolf) are treated as threatened species on public land, for consultation purposes, and as species proposed for listing on private land.

P = proposed. Taxa proposed for official listing as endangered or threatened will be noted as "PE" or "PT", respectively.

Bald and Golden Eagle Protection Act (BGPA):

In the July 9, 2007 Federal Register (72:37346-37372), the bald eagle was declared recovered, and removed (delisted) from the Federal List of Threatened and Endangered wildlife. This delisting took effect August 8,2007. After delisting, the Bald and Golden Eagle Protection Act (Eagle Act) (16 U.S.C. 668-668d) becomes the primary law protecting bald eagles. The Eagle Act prohibits take of bald and golden eagles and provides a statutory definition of "take" that includes "disturb". The USFWS has developed National Bald Eagle Management Guidelines to provide guidance to land managers, landowners, and others as to how to avoid disturbing bald eagles. For mor information, visit http://www.fws.gov/migratorybirds/baldeagle.htm

Threatened due to similarity of appearance(T(S/A)):

In the November 4, 1997 Federal Register (55822-55825), the northern population of the bog turtle (from New York south to Maryland) was listed as T (threatened), and the southern population (from Virginia south to Georgia) was listed as T(S/A) (threatened due to similarity of appearance). The T(S/A) designation bans the collection and interstate and international commercial trade of bog turtles from the southern population. The T(S/A) designation has no effect on land management activities by private landowners in North Carolina, part of the southern population of the species. In addition to its official status as T(S/A), the U.S. Fish and Wildlife Service considers the southern population of the bog turtle as a Federal species of concern due to habitat loss.

Definitions of Record Status:

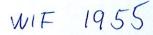
Current - the species has been observed in the county within the last 50 years.

Historic - the species was last observed in the county more than 50 years ago.

Obscure - the date and/or location of observation is uncertain.

Incidental/migrant - the species was observed outside of its normal range or habitat.

Probable/potential - the species is considered likely to occur in this county based on the proximity of known records (in adjacent counties), the presence of potentially suitable habitat, or both.





United States Department of the Interior

FISH AND WILDLIFE SERVICE

Asheville Field Office 160 Zillicoa Street Suite #B Asheville, North Carolina 28801

February 21, 2019

Received bun ever 2/21/2019-07/



Mr. Vincent Tomaino NC Division of Water Infrastructure Archdale Building - Room 825R 512 North Salisbury Street Raleigh, North Carolina 27604

Dear Mr. Tomaino:

Subject: Federally Listed Species Assessment, Proposed Main Street Water Line Replacement Project, in the Town of Valdese, Burke County, North Carolina

On January 28, 2019, we received a letter dated January 25, 2019 from Mr. R.J. Mozeley of McGill Associates, requesting our comments on the subject project. The following comments are provided in accordance with the provisions of the National Environmental Policy Act (42 U.S.C.§ 4321 et seq.) and section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531-1543) (Act).

We have no concerns with the project as proposed. According to our records and a review of the information you provided, no federally listed species or their habitats occur in the project area. Therefore, we believe 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.

We appreciate the opportunity to provide these comments. If we can be of assistance or if you have any questions, please contact Mr. Bryan Tompkins of our staff at 828/258-3939, Ext. 240. In any future correspondence concerning this project, please reference our Log Number 4-2-19-132.

Sincerely,

-- original signed --

Janet Mizzi Field Supervisor