

APPENDIX A
ENG FORM 4345

17. DIRECTIONS TO THE SITE

The proposed Project is primarily located in Fluvanna County, Virginia immediately southwest of Columbia within an area known as 'Point of Fork'.

The proposed intake is located on the north bank of the James River approximately 0.4 miles upstream of the confluence with the Rivanna River. The site can be accessed from the terminus of Route 624 (Point of Fork Road). See Support Document for Vicinity Map.

18. Nature of Activity (Description of project, include all features)

The infrastructure associated with this project includes a pump station, raw water intake, wet well influent pipe, pump station wet well, pump, piping and valve equipment, electrical and pump control equipment, a raw water pipeline, and improvements to an existing access road. Discharges of fill is proposed. See 'Project Description' section in Support Document for details.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purpose of the proposed project is to provide a new and reliable raw water supply of sufficient quantity to meet the short- and long-term needs of Fluvanna and Louisa Counties for delivery to an existing interconnection point planned for use by Fluvanna and Louisa Counties .

See 'Project Need' section in Support Document for additional details.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Due to the linear nature of the project impacts to jurisdictional features are unavoidable. Each impact of jurisdictional features has been strategically placed to minimize and/or avoid additional wetland and stream impacts. Where possible wetlands and streams were crossed perpendicularly to minimize impacts. See 'Proposed Jurisdictional Impact' section in Support Document for details.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards

See Support Document and Drawings

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 0.11 acres (wetlands and streams)

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The Applicant has avoided and minimized impacts to greatest extent practicable given the project's purpose and need, including the utilization of a Preliminary Jurisdictional Determination (NAO-2014-0708) and a detail alternatives analysis. Compensatory mitigation for unavoidable permanent impacts are proposed to be achieved through the purchase of off-site mitigation credits from commercial wetland and stream mitigation banks. Wetland mitigation credits are proposed based on standard mitigation ratios for wetland impacts. Stream credits are proposed based on Unified Stream Methodology Stream Assessments. See the 'Avoidance, Minimization and Compensation' section of Support Document for additional details.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

N/A

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- See 'Adjacent Property Owner' figure in Support Document

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

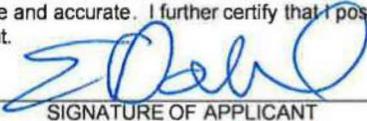
City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

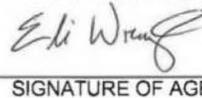
AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
See Support Doc. -	Project Authorization	Section			

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.


SIGNATURE OF APPLICANT

2020-03-17
DATE


SIGNATURE OF AGENT

2020-03-17
DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.