

DEPARTMENT OF THE ARMY SAVANNAH DISTRICT, CORPS OF ENGINEERS 1590 ADAMSON PARKWAY, SUITE 200 MORROW, GEORGIA 30260-1777

Regulatory Branch SAS-2009-00042

February 1, 2018

JOINT PUBLIC NOTICE Savannah District/State of Georgia

The Savannah District has received a revised application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. § 1344), as follows:

Application Number: SAS-2009-00042

- Applicant: Mr. Matt Windom Executive Director Carroll County Water Authority (CCWA) 556 Old Bremen Road Carrollton, Georgia 30117
- Agent: Mrs. Andrea Gray Andrea P. Gray LLC 248 North Broad Street P.O. Box 826 Monroe, Georgia 30655

<u>Location of Proposed Work</u>: The project site is located approximately 6.5 miles northwest of the City of Bowdon and approximately 14 miles northwest of the City of Carrollton, Carroll County, Georgia (Latitude 34.6142, Longitude -85.2870).

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers: The applicant is proposing to construct a more extensive dam at an existing Natural Resources Conservation Service (NRCS) dam site, which would impound a 480-acre reservoir on Indian Creek. The project would contain associated infrastructure to include a water treatment plant, a raw water diversion pipeline from the Little Tallapoosa River to the proposed reservoir, and an intake structure and pump station on the Little Tallapoosa River.

The applicant's stated purpose is "to provide Carroll County a reliable source of public water supply capable of meeting the 2065 unmet demand in the CCWA's service area during drought conditions." The reservoir would service all of Carroll County, except for the cities of Carrollton and Bowden. The Georgia Environmental Protection Division

(GAEPD) certified 184,545 as the total population for the project's service area for the year 2065. GAEPD also determined that the 2065 unmet municipal and industrial water supply need within the project's service area is 6 million gallons per day (MGD).

Direct impacts to aquatic resources would include approximately 43,831 linear feet of stream impact and 12.91 acres of wetland impacts. Stream impacts include: 29,519 linear feet of perennial stream, 10,159 linear feet of intermittent stream, and 4,153 linear feet of ephemeral stream. Wetland impacts include: 5.89 acres of forested wetland, 6.53 acres of scrub-shrub wetland, and 0.49-acre of emergent wetland. The project will also inundate an existing 28.38-acre NRCS flood control impoundment known as Teague Lake, and a 0.06-acre farm pond. Indian Creek is listed on the integrated 305(b)/303(d) list as not supporting its designated use of fishing in two locations.

Infrastructure impacts from the proposed project would include 0.44 mile of rural gravel roads, inundation of 160 feet of a natural gas pipeline, acquisition of approximately 530 total acres to accommodate the reservoir's full pool elevation (480 acres), and additional property for the development of the water treatment plant, public access roads, and the pump diversion water line. There are no aquatic resources within the water treatment facility project area (37 acres). Impacts to aquatic resources from the pump diversion water line will be temporary.

Compensatory mitigation is proposed through the use of a permitee-responsible site to provide the equivalent of 98.09 wetland mitigation credits and 198,614.7 stream credits. The mitigation site is less than 8 miles to the south of the proposed reservoir and within the same 10-digit Hydrologic Unit Code (HUC) as the proposed reservoir. The restoration plan includes a proposal to restore a portion of Indian Creek, a 303(d) listed stream. The applicant has proposed to restore wetland and stream functions within the mitigation site on approximately 17,553 linear feet of stream and 29.46 acres of wetlands. The site is proposed to be protected in perpetuity with a Declaration of Restrictions and Covenants, along with a Conservation Easement. The mitigation site, once completed, is proposed to generate 208,177 stream credits and 120.87 wetland credits.

The CCWA has held 6 public meetings (2007, 2008, 2010, and 3 meetings in 2017) regarding the proposed water supply project. All of the information presented at the public meetings, including maps, is uploaded and available on the CCWA website: <u>www.ccwageorgia.com</u>.

BACKGROUND

This Joint Public Notice announces a request for authorizations from both the U.S. Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

STATE OF GEORGIA

<u>Water Quality Certification</u>: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on, or adjacent to the waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Watershed Protection Branch, 2 MLK Jr. Drive, Suite 418, Atlanta, Georgia 30334, during regular office hours. A copier machine is available for public use at a charge of 10 cents per page. Any person who desires to comment, object, or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can also be reviewed in the Savannah District, U.S. Army Corps of Engineers, Regulatory Division,1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777.

<u>State-owned Property and Resources</u>: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

U.S. ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

<u>Cultural Resources Assessment</u>: In 2008, the applicant conducted a phase 1 cultural resource survey at the project site with a much larger project area of 643 acres. A phase 2 study was conducted at 5 of the 33 sites identified in the phase 1 study. All 5 sites were determined to be ineligible for listing in the National Register of Historic Places. However, the pipeline route has changed since the previous project was submitted for evaluation in 2008, and therefore the applicant conducted an additional phase 1 study of the new pipeline route proposed in this application. Additional coordination with the State Historic Preservation Office may be required.

<u>Endangered Species</u>: A query of the IPAC data resulted in the endangered Gray Bat (*Myotis grisescens*), the endangered Indiana Bat (*Myotis sodalist*), the endangered Black Spored Quillwort (*Isoetes melanospora*), the threatened Northern Long-eared Bat (*Myotis septentrionalis*), the threatened Finelined Pocketbook (*Lampsilis altilis*), the threatened Little Amphianthus (*Amphianthus pusillus*), and the threatened White

Fringeless Orchid (*Platanthera integrilabia*), occurring in Carroll County (https://ecos.fws.gov/ipac/gettingStarted/map). There are four additional State of Georgia threatened species that were listed as having potential occurrence within the project area (http://www.georgiawildlife.com/node/2717).

Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. § 1531 et seq.), we request information from the U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

<u>Public Interest Review</u>: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

<u>Consideration of Public Comments</u>: The U.S. Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

<u>Application of Section 404(b)(1) Guidelines</u>: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

<u>Public Hearing</u>: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

<u>Comment Period</u>: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Elisha A. Brannon, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777, no later than 60 days from the date of this notice. Please refer to the applicant's name and the application number in your comments. If you have any further questions concerning this matter, please contact Elisha A. Brannon, Project Manager, Piedmont Section at (678) 804-5226.

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PN for SAS-2009-00042: Indian Creek Reservoir



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Figure 5a Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 100 200 400 600 800 Feet Imagery Source: ESRI Imagery Print Date: 1/8/2018

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Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 75 150 300 450 600 Feet Imagery Source: ESRI Imagery Print Date: 1/8/2018

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Figure 5d Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 75 150 300 450 600 Feet Imagery Source: ESRI Imagery Print Date: 1/8/2018

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Figure 5e Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Figure 5f Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia





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Figure 5h Indian Creek Water Supply Reservoir & Water Treatment Facility Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Figure 6a Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 12.5 25 50 75 100 Feet

Print Date: 1/10/2018

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Figure 6b **Raw Water Pipeline Corridor Delineated Features Map**

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



12.5 25 50 75 100 Feet Imagery Source: ESRI Imagery

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Figure 6c Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Feet					

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Figure 6d Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 37.5 75 150 225 300 Feet Imagery Source: ESRI Imagery

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Figure 6e Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 12.5 25 50 75 100 Feet Imagery Source: ESRI Imagery

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Figure 6f Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Feet					

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Imagery Source: ESRI Imagery



Delineated Features Map Caroll County Water Authority

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



0 12.5 25 50 75 100 Feet

Print Date: 1/10/2018

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Figure 6h Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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Figure 6i Raw Water Pipeline Corridor Delineated Features Map

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia



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-- Ephemeral Stream

- Little Tallapoosa River • Flow Regime Assessment
- Mapped Hydric Soils (Cfs)

Figure 7 **Raw Water Intake & Pump Station Delineated Features Map**

Caroll County Water Authority Indian Creek Water Supply Reservoir Carroll County, Georgia





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POTENTIAL WATER SUPPLY SITES CARROLL COUNTY WATER AUTHORITY CARROLL COUNTY, GEORGIA PROJECT NO. 17C17107.00

CONCEPTUAL DAM PROFILE INDIAN CREEK DAM TOP OF DAM ELEV. 1181.0 FT

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