



# Spring 2023 Newsletter

## Ongoing Fieldwork

Subconsultants for the Western Intake Partnership (WIP), Brown and Caldwell and Hazen and Sawyer, are conducting fieldwork to support planning and preliminary design for the water transmission systems needed to deliver treated drinking water to the WIP region as part of the Jordan Lake Water Supply Project. Letters were sent to property owners with land along the proposed water line routes to inform them of the fieldwork scheduled to take place from April 2023 to December 2023.



The photo shows Brown and Caldwell's subconsultants using ground penetrating radar as part of the cultural resources investigations at the proposed water treatment facility site.

## Treatment Technology Pilot Study



Photos show the Western Intake Partnership Team conducting sampling and collecting to test different treatment technologies.

The WIP is conducting a treatment pilot project in partnership with the Town of Cary, at the Cary Apex Water Treatment Facility (CAWTF), to test different ways to clean water and eliminate harmful contaminants like per-and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. The pilot testing is being done to evaluate different treatment technologies to understand what technology will work best for the new water treatment facility. This testing coincides with the recently released U.S. Environmental Protection Agency (EPA) Proposed PFAS National Primary Drinking Water Regulations (NPDWR).

PFAS is a term that describes a family of thousands of human-made chemical compounds found in numerous products used in everyday life. PFAS are used in products (food packaging, nonstick coatings, and firefighting foam) because they provide heat, water, and oil-resistant properties. The EPA is proposing rules to limit PFAS and other harmful chemicals in drinking water and these technologies will be tested to verify their efficacy for treating Jordan Lake water and meeting the EPA's proposed legal limits for PFAS. The EPA uses the latest research and scientific findings to establish NPDWR and considers feedback from stakeholders when establishing these regulations. Some states may have additional regulations, but all states must abide by the National Primary Drinking Water Regulations.

## Website Update

We're excited to announce that we've updated the Frequently Asked Questions (FAQ) section of the Western Intake Partnership website! The section now includes more detailed answers to common questions, as well as new questions that we've received from the community. We hope that this updated section provides you with more clarity and helps you to better understand the WIP and Jordan Lake Water Supply Project.



## Did You Know?

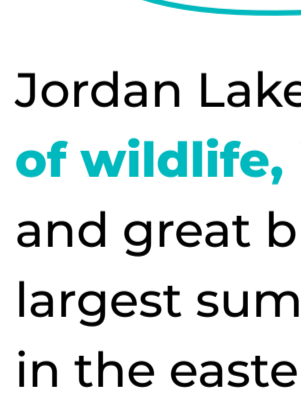
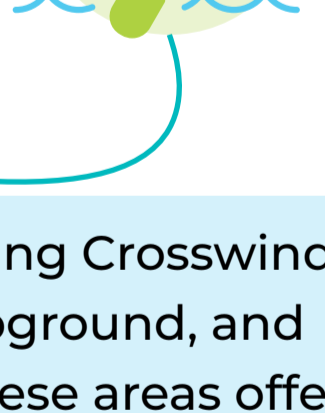
In the heart of the New Hope River Valley, B. Everett Jordan Lake is a man-made reservoir that offers recreational opportunities and natural wonders. The Partnership will be developing its water supply project to protect Jordan Lake's environmental and recreation resources. Here are ten fun facts about this remarkable lake that you may not know:



The lake is **named after B. Everett Jordan**, a former U.S. Senator from North Carolina who played a key role in getting the lake built.



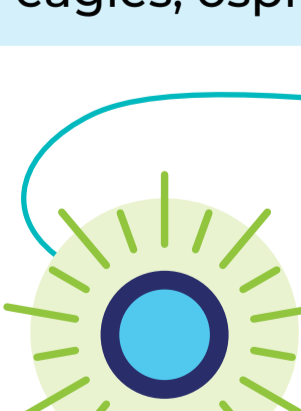
Jordan Lake is a **popular destination for fishing, boating, and swimming**. The lake is home to many species of fish, including largemouth bass, catfish, and crappie.



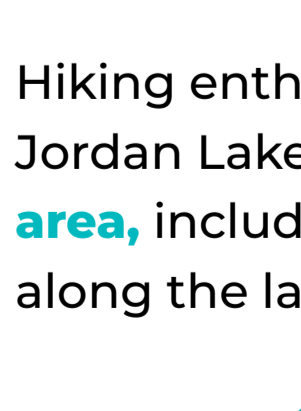
**Several recreation areas**, including Crosswinds Campground, Poplar Point Campground, and Vista Point, surround the lake. These areas offer a range of amenities, including picnic tables, hiking trails, and boat ramps.



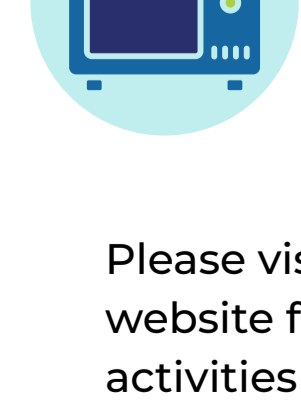
Jordan Lake is also **home to many species of wildlife**, including bald eagles, ospreys, and great blue herons. The lake is one of the largest summertime homes for bald eagles in the eastern United States.



The Jordan Lake Dam is a massive structure stretching **1,225 feet long and 130 feet high**.



Birdwatchers will be delighted to learn that Jordan Lake is a **prime spot for birdwatching, with over 300 species of birds having been spotted in the area**. Some of the most popular birds to look out for include bald eagles, ospreys, and great blue herons.



The lake is a year-round destination, but it is especially popular in the summer when the weather is warm and sunny. Visitors can enjoy **swimming, boating, and fishing or simply relaxing on the shore and soaking up the sun**.



Hiking enthusiasts will find plenty to explore at Jordan Lake, with **several hiking trails in the area**, including the New Hope Trail, which runs along the lake's shoreline for over seven miles.



Jordan Lake was featured in Season 2 of the hit Netflix series **Stranger Things**.

Please visit the Jordan Lake State Recreational Area website for more information on Jordan Lake recreational activities events.

[Visit the Website](#)

### Questions or Comments?

You can visit the [Contact Us page](#) of our website, call 919-379-5774, or email us at [contact@westernintakepartnership.com](mailto:contact@westernintakepartnership.com).

