



Western Intake Partnership Water Supply Project Fact Sheet

Western Intake Partnership

The **Western Intake Partnership (WIP)** is focused on securing a long-term regional water supply for the communities they serve. The partnership has been formed by Chatham County, the City of Durham, Orange Water and Sewer Authority (OWASA) and the Town of Pittsboro. Together, the Partnership is moving forward with a plan to withdraw and treat water from Jordan Lake to reliable, resilient, and high-quality drinking water to the Triangle region.

Jordan Lake

Jordan Lake is a vital regional resource. It is a popular place for recreation, supplies water to surrounding communities, controls flooding and water quality, and helps conserve fish and wildlife habitats. Now, the lake will provide the growing communities of the Western Intake Partnership with a reliable source of clean drinking water, while protecting the reservoir's other uses.

To accomplish this, WIP Partners will plan and oversee construction of drinking water distribution and treatment facilities for WIP communities. The project includes:

- **A new water intake** north of the Vista Point recreation area on the west side of Jordan Lake, with tunnel, pipeline and pump station to deliver water to a new water treatment facility.
- **A water treatment facility** on property near Jordan Lake.
- **Drinking water transmission pipelines** to deliver treated water to Partner distribution systems.

During the preliminary phase, the Partnership has investigated facility location and pipeline route alternatives, determined the capacities required, evaluated treatment process alternatives, selected the governance model for the Partnership, and conducted environmental and cultural review investigations supporting the required regulatory processes and USACE outgrant applications.

PDB Delivery Project Phasing

The project is planned to proceed in phases, with the goal of operational facilities by 2031:



Planning & Permitting
2020–2025

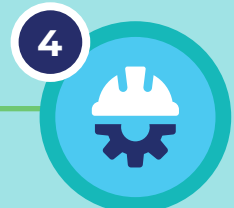
WE ARE HERE



Progressive Design-Build Procurements
2025



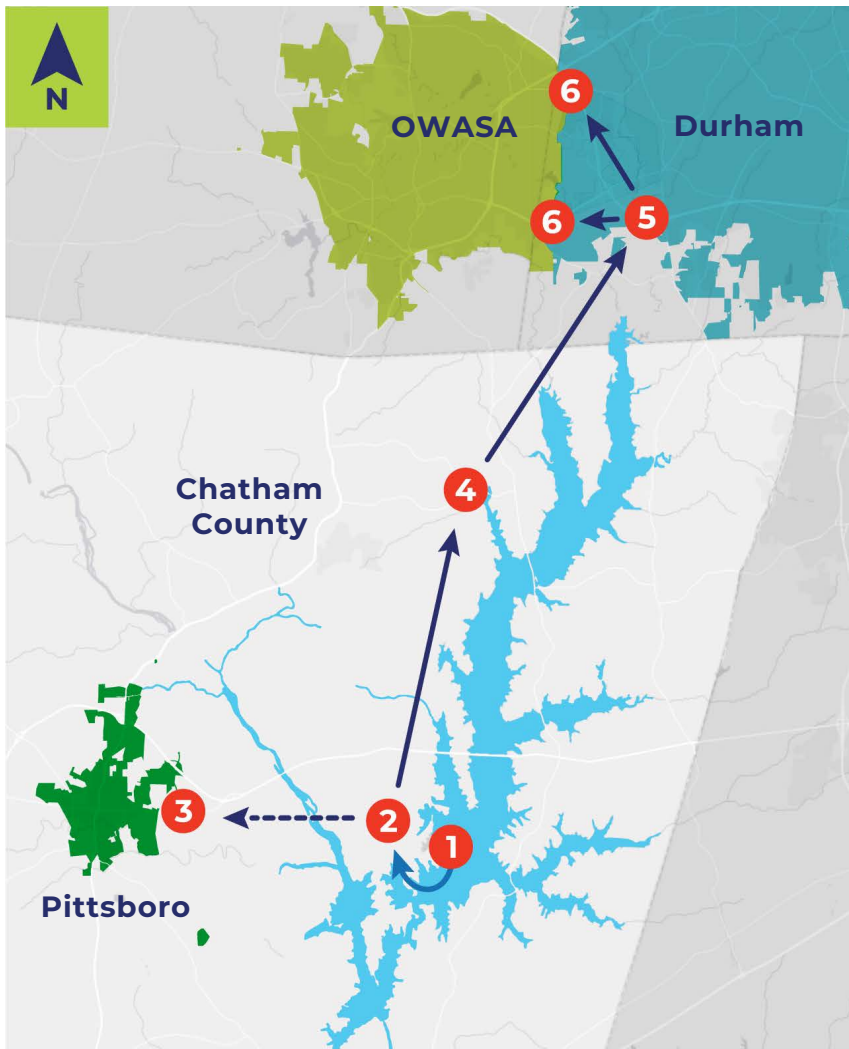
Design & Guaranteed Maximum Price (GMP) Bidding
2025–2027
















Construction & Start-Up/Commissioning
2027–2031



Preliminary Project Map



Legend

-  Jordan Lake
-  OWASA
-  Durham
-  Pittsboro
-  Chatham County
-  Finished Water Transmission Routing
-  Raw Water Transmission Routing
-  1 Jordan Lake Water Intake
-  2 Raw Water Pump Station & Water Treatment Facility
-  3 Pittsboro Service Connection (Future)
-  4 Chatham County Service Connection
-  5 Durham Service Connection
-  6 Existing OWASA-Durham Water Interconnections

*Locations of pipelines and interconnections to Partner water distribution systems are conceptual and subject to change

Outcome

Durham and Chatham County will have capacity shares in the initial facilities; OWASA and Pittsboro are deferring their acquisition of capacity shares in facilities to a later expansion phase. In the future, the treatment facility will be expanded, a transmission pipeline will be built from the water treatment facility to Pittsboro, and a parallel transmission pipeline to Durham will be constructed. OWASA will receive its capacity allocation through Durham's water distribution system.

Public Information and Outreach

As the project advances, WIP Partners will hold Open House public meetings (in-person and virtual as appropriate) to share project information, including background information identifying the problem and possible solutions the project will address. Feedback on analysis and decisions made by the WIP team will be sought from key stakeholders to ensure their concerns and aspirations are consistently understood and considered. You can leave a comment at westernintakepartnership.com/get-involved. Additional 2024-2025 outreach meetings are also planned with contracting and engineering firms interested in WIP project opportunities.

Connect With Us

The website westernintakepartnership.com, has been established to offer the public 24/7 access to current information on the project, including progress reports, schedules, relevant documents, all project-related educational materials, and public participation opportunities. Questions can be emailed to contact@westernintakepartnership.com, or phoned in to the project hotline at **(919)379-5774**.