



The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

## INFRASTRUCTURE REPAIR AND REHABILITATION PROJECT

**BORROWER:** Birmingham Water Works Board

**LOCATION:** Birmingham, Alabama

**TOTAL WIFIA LOAN AMOUNT:** \$171 million

**TOTAL WIFIA PROJECT COSTS:** \$350 million

**POPULATION SERVED BY PROJECT:** 770,000 people

**NUMBER OF JOBS CREATED:** 1,200 jobs



*Photo credit: Birmingham Water Works Board*

### PROJECT DESCRIPTION

The Birmingham Water Works Board's Infrastructure Repair and Rehabilitation Project will improve the resiliency and dependability of the water supply for its 770,000 residents. With this WIFIA loan, Birmingham will complete several projects, including restoring Lake Purdy Dam, replacing of water mains and lead service lines, and rehabilitating distribution storage tanks. Lake Purdy Dam will be stabilized to address seepage issues, so it can continue to provide a reliable source of drinking water during drought conditions. Additionally, Birmingham Water Works Board will upgrade its drinking water distribution system. By replacing water mains, it will reduce water loss and prevent over 250 water main breaks annually. Rehabilitating potable water storage tanks will maintain reliable storage and prevent degradation of water quality. Together, these projects will help Birmingham comply with current and future regulations. This is the first WIFIA loan in the state of Alabama, and it will accelerate water infrastructure investment, benefitting 15 percent of the state's population.

### PROJECT BENEFITS

- Provides a reliable drinking water source during drought conditions.
- Prevents over 250 water main breaks annually, saving money, time, and resources.
- Saves the Birmingham Water Works Board approximately \$50 million by financing with a WIFIA loan.