

PROCESS ADVANCEMENTS AT OMOHUNDRO AND K.R. HARRINGTON WATER TREATMENT PLANTS PROJECT

BORROWER: Metro Water Services

LOCATION: Nashville, Tennessee

WIFIA LOAN AMOUNT: \$315,000,000

TOTAL WIFIA PROJECT COSTS: \$624,869,491

POPULATION SERVED BY PROJECT: 700,000 people

NUMBER OF JOBS CREATED: 1,008



Photo credit: Metro Water Services

PROJECT DESCRIPTION

The Process Advancements at Omohundro and K.R. Harrington Water Treatment Plants Project in Nashville, Tennessee will increase water treatment capacity, reduce emerging contaminants, and mitigate water quality issues during extreme weather events. Metro Water Services' aging water treatment plants are increasingly subject to flood risk while simultaneously needing to accommodate growing demand. By engaging with the WIFIA program early in the design stage, Metro Water Services secured funding certainty to enable proactive system improvements. With this WIFIA loan, Metro Water Services will modernize two water treatment plants by installing a new filtration system to address emerging contaminants, including PFAS, pharmaceuticals, and personal care products. Additionally, Metro Water Services will undertake a series of other improvements that will increase overall treatment capacity by 50%, as well as mitigate flood risk, increase finished water storage capacity, and protect against power failures by installing generators as a backup power source.

PROJECT BENEFITS

- Expands water treatment capacity to provide reliable, high quality service to a growing population base.
- Reduces emerging contaminants in treated water to protect public health.
- Enhances resiliency to the impacts of extreme weather by mitigating flood risk and designing plants to withstand severe storm events.
- Saves Metro Water Services approximately \$61.5 million by financing with a WIFIA loan.