

## RECLAIMED WATER TRANSMISSION MAIN

**STATE PROGRAM:** Florida Department of Environmental Protection

**ASSISTANCE RECIPIENT:** Town of Baldwin

**ASSISTANCE AMOUNT:** \$2,373,472



### PROJECT DESCRIPTION

Florida's CWSRF Program provided a loan to the Town of Baldwin for \$2,373,472 to construct a reclaimed water transmission main to the Brandy Branch Power Plant near Jacksonville, Florida. This project will send all the effluent from the town's wastewater plant to the power plant to be used for cooling water at the power plant. As a result, the amount of groundwater withdrawn from the aquifer will be reduced, which in turn reduces the impact of the power plant on the aquifer during drought conditions. The funding package included \$222,110 in principal forgiveness and a \$1,811,101 grant from the Florida Department of Environmental Protection's Small Community Wastewater Grant Program, as well as a \$889,350 grant from the St. Johns River Water Management District. Construction on this project began in November 2018 and was completed on September 17, 2019. Previously, the town's effluent was discharged to surface waters, so this project not only provides beneficial reuse but also reduces nutrients discharged to local water bodies.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2022-08/Funding%20Drought%20Resiliency%20Projects%20with%20the%20CWSRF.pdf>.