

MIAMI-DADE NORTH DISTRICT AND CENTRAL DISTRICT WASTEWATER TREATMENT PLANTS OCEAN OUTFALL LEGISLATION PROJECTS

BORROWER: Miami-Dade County

LOCATION: Miami, FL

WIFIA LOAN AMOUNT: \$424.2 million

TOTAL WIFIA PROJECT COSTS: \$865.8 million

POPULATION SERVED BY PROJECT: 1.8 million people

NUMBER OF JOBS CREATED: 2,770 jobs



Central District Wastewater Treatment Plant
Credit: Miami-Dade Water and Sewer Department

PROJECT DESCRIPTION

Miami-Dade Water and Sewer District's Wastewater Treatment Plants Ocean Outfall Legislation projects will improve water quality by treating wastewater and stormwater to be injected into municipal wells and reducing the use of ocean outfalls. The projects will also increase the system's climate resilience by modernizing facilities to better withstand extreme weather events. The projects include improvements to wastewater treatment processes, rehabilitation of a sewer pump station and construction of new injection well pump stations. These improvements will help the County meet the requirements of the state of Florida's Ocean Outfall Legislation, which will improve ocean water quality for recreational use and wildlife habitat.

PROJECT BENEFITS

- Increases regulatory compliance through improved wastewater treatment processes to meet water quality standards for municipal well injection that is outlined in the Ocean Outfall Legislation Program.
- Improves water quality by eliminating the normal use of ocean outfalls for disposal of treated wastewater and reducing nutrient discharges.
- Enhances climate resilience by protecting the system from flood damage resulting from extreme weather events.
- Saves Miami-Dade County an estimated \$79 million from financing with a WIFIA loan.