

## MORRIS FORMAN BIOSOLIDS PROCESSING SOLUTION

**BORROWER:** Louisville and Jefferson County Metropolitan Sewer District

**LOCATION:** Louisville, Kentucky

**WIFIA LOAN AMOUNT:** \$97 million

**TOTAL WIFIA PROJECT COSTS:** \$198 million

**POPULATION SERVED BY SYSTEM:** 751,000 people

**NUMBER OF JOBS CREATED:** 632 jobs



Centrifuge at Water Quality Treatment Center

### PROJECT DESCRIPTION

The Morris Forman Water Quality Treatment Center, which processes all solids generated by the Metropolitan Sewer District in Jefferson County, Kentucky, is at the end of its useful life, causing the Metropolitan Sewer District to send biosolids to a landfill. This project will replace and refurbish existing equipment and construct new equipment to generate sustainable Class A biosolids, allow for energy recovery and production for on-site use, and reduce waste sent to the landfill. After project completion, the facility will treat all solids to Class A standards, producing approximately 40,000 dry tons of exceptional quality biosolids annually that can be used for beneficial reuse.

### PROJECT BENEFITS

- Provides improved and additional capacity for solids processing at the water quality treatment center.
- Increases digester biogas production and capture, allowing for renewable energy recovery for on-site use and reducing outside energy needs.
- Increases the reliability of solids processing and reduces permit exceedances for the Metropolitan Sewer District.
- Saves Louisville and Jefferson County an estimated \$15.1 million from financing with a WIFIA loan.