

## SOUTHEAST TREATMENT PLANT BIOSOLIDS DIGESTER FACILITIES

**BORROWER:** San Francisco Public Utilities Commission (SFPUC)

**LOCATION:** San Francisco, California

**WIFIA LOAN AMOUNT:** \$699 million

**TOTAL WIFIA PROJECT COSTS:** \$1,427 million

**POPULATION SERVED BY SYSTEM:** 1.7 million people

**NUMBER OF JOBS CREATED:** 3,300 jobs



*Photo credit: SFPUC/San Francisco Public Works/MWA Architects*

### PROJECT DESCRIPTION

SFPUC will replace its existing, outdated solids treatment facilities with new biosolids digester facilities. The new facilities are designed to produce higher-quality Class A biosolids, capture and treat odors more effectively, and maximize biogas utilization and energy recovery. This project will provide a new, efficient solids treatment system, ensure treatment reliability by meeting current seismic standards and improving standard operations, and reduce the impact on the adjacent community by providing advanced odor control.

### PROJECT BENEFITS

- Produces up to 24,000 dry tons of Class A biosolids annually by 2045.
- Ensures treatment reliability by meeting current seismic standards and improving standard operations.
- Reduces operating costs by improving energy efficiency and recovery.
- Minimizes impact on neighborhood by significantly reducing noise and odor problems.
- Reduces the air quality impacts of the plant.
- Provides quality job-training opportunities during design, construction, and operations.
- According to SFPUC, it saves up to \$398 million from financing with a WIFIA loan compared to a bond issuance.