

## DEER CREEK SANITARY TUNNEL AND SANITARY RELIEF

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**BORROWER:** Metropolitan St. Louis Sewer District

**LOCATION:** St. Louis, Missouri

**WIFIA LOAN AMOUNT:** \$47.7 million

**TOTAL WIFIA PROJECT COSTS:** \$97 million

**POPULATION SERVED BY SYSTEM:** 1.4 million people

**NUMBER OF JOBS CREATED:** 70 jobs



*Photo credit: Metropolitan St. Louis Sewer District*

### PROJECT DESCRIPTION

Metropolitan St. Louis Sewer District will construct a new pump station and will replace or rehabilitate sewer pipes to address overflows and improve the water quality in Deer Creek. These projects will provide storage for excessive inflow and infiltration during wet weather events; regulate sanitary flow into the River Des Peres foul water system; allow for the removal of 24 constructed sanitary sewer overflow (SSO) outfalls into the Deer Creek channel; alleviate surcharging, basement backups; and meet Total Maximum Daily Loads (TMDL) requirements.

### PROJECT BENEFITS

- Alleviates surcharging, basement backups, and five constructed SSO outfalls.
- Serves to dewater the tunnel, which is a major storage facility that will regulate sanitary flow into the River Des Peres foulwater system.
- Is part of a series of projects that will lead to the removal of 19 constructed SSO outfalls.
- Saves Metropolitan St. Louis Sewer District an estimated \$15 million from financing with a WIFIA loan compared to a bond issuance.