



The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

## RIVER RENEW TUNNEL SYSTEM

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**BORROWER:** City of Alexandria, Sanitation Authority

**LOCATION:** Alexandria, Virginia

**WIFIA LOAN AMOUNT:** \$321 million

**TOTAL WIFIA PROJECT COSTS:** \$655 million

**POPULATION SERVED BY PROJECT:** 320,000 people

**NUMBER OF JOBS CREATED:** 2,000 jobs



AlexRenew, Virginia

### PROJECT DESCRIPTION

The RiverRenew Tunnel System project will remediate four combined sewer overflow outfalls in Alexandria by directing the combined sewage to the AlexRenew Water Resource Recovery facility to be treated before being discharged. The project includes the construction of a 20 million gallon per day tunnel dewatering pumping station and 130 million gallon per day wet weather pumping station. Upon completion, the project will prevent millions of gallons of sewage mixed with rainwater from contaminating Hooffs Run, Hunting Creek, and the Potomac River.

### PROJECT BENEFITS

- Reduces the average volume of overflows to waterways from 140 million gallons to less than 16 million gallons.
- Decreases the frequency of overflows from 70 events to less than 4 events on an annual average basis.
- Saves the City of Alexandria an estimated \$63 million from financing with a WIFIA loan.