

REGIONAL ENVIRONMENTAL SEWER CONVEYANCE UPGRADE (RESCU) PROGRAM

BORROWER: Silicon Valley Clean Water

LOCATION: Redwood City, CA

WIFIA LOAN AMOUNT: \$287 million

- 2019 loan amount: \$218 million
- 2021 loan amount: \$69 million

TOTAL WIFIA PROJECT COSTS: \$585.5 million

POPULATION SERVED BY SYSTEM: 225,000

NUMBER OF JOBS CREATED: 1,875 jobs



April 2019 Tunnel Boring Machine Factory Test and Inspection

PROJECT DESCRIPTION

Silicon Valley Clean Water's RESCU Program will rehabilitate aging wastewater infrastructure and construct new facilities to improve the system's reliability and protect the San Francisco Bay. The program will include constructing a 3.3-mile gravity pipeline, replacing four pump stations, and building a new preliminary treatment facility. As a result, the system will switch to a renewable energy source (biogas) to power pumping, be able to handle future wet weather flows of up to 108 million gallons per day, and reduce electricity and chemical use.

PROJECT BENEFITS

- Reduces the likelihood of spills and discharges of untreated sewage to the surrounding environment.
- Ensures the reliable operation of the overall wastewater conveyance system by improving and replacing existing wastewater infrastructure.
- Helps meet future regulatory requirements for nutrient discharges into the San Francisco Bay.
- Saves ratepayers \$115 million by financing the project with WIFIA loans.