

CITY OF PALO ALTO

PROJECT NAME: Regional Water Quality Control Plant Secondary Treatment Upgrades Project

LOCATION: Palo Alto, CA

INVITED WIFIA LOAN AMOUNT: \$66 million

POPULATION SERVED BY PROJECT: 221,000

PROJECT TYPE: Wastewater

PROJECT DESCRIPTION:

The Palo Alto Regional Water Quality Control Plant Secondary Treatment Upgrades Project will implement cutting-edge treatment improvements at the City's Regional Water Quality Control Plant. The project will convert the process into a three-step feed activated sludge configuration, add process intensification via installation of membrane aerated biofilm reactors to meet permit nitrogen removal targets, and decommission the fixed-film reactors. The purpose of the project is to rehabilitate aging infrastructure, reduce nutrient discharge into the San Francisco Bay, assist in regulatory compliance, and accommodate population growth while using an innovative technology resulting in energy efficiency and reduced power consumption.

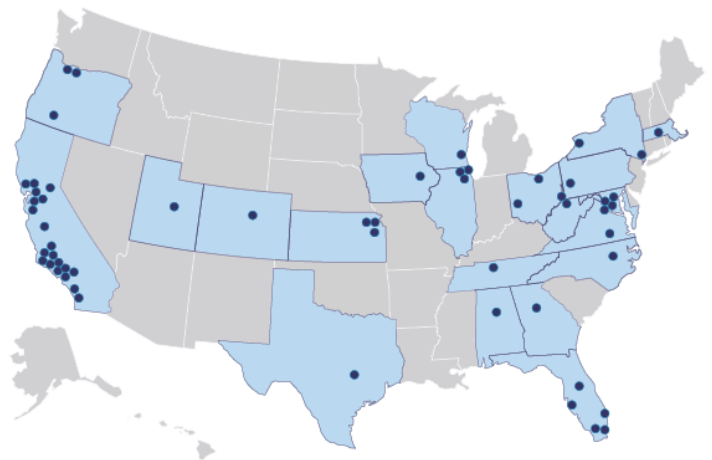
FY 2020 SELECTION ROUND

NUMBER OF PROJECTS SELECTED: 55

TOTAL LOAN AMOUNT: \$5.1 billion

TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED: \$12.5 billion

NUMBER OF PEOPLE IMPACTED:
25 million in 20 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.