



Investing in Critical Wastewater Infrastructure



Delta Diablo Wastewater Treatment Plant in Antioch, CA

Delta Diablo (District) has developed a proposed **\$187M** prioritized **5-year Capital Improvement Program** (CIP) to meet critical aging infrastructure needs. This continued investment is essential to **protecting public health and the environment** and maintaining effective and reliable wastewater collection, conveyance, and treatment services, and recycled water production. The **District's Wastewater Treatment Plant** (WWTP), which includes a combination of physical, biological, and chemical treatment processes, is over 42 years old and requires significant improvements to **address aging infrastructure, meet regulatory requirements, and increase treatment process capacity**. Key CIP highlights include:

- **Addressing Aging Infrastructure, Regulatory Requirements, and Service Area Growth:** In response to recent nutrient removal regulatory requirements, the District has identified a phased approach for the Secondary Process Improvements Project. Phase 1 (\$110.0M) will address aging infrastructure vulnerabilities and expand WWTP capacity while providing foundational infrastructure improvements for meeting nutrient removal requirements in the future. Phase 2 (\$100.0M) will make significant progress toward meeting nutrient removal requirements via additional capital infrastructure investments following completion of Phase 1 construction.
- **Investing in Wastewater Infrastructure Renewal:** Approximately 80% of the CIP supports rehabilitation and/or replacement of existing critical wastewater infrastructure, including the Antioch Pump Station and Conveyance System Improvements (\$22.0M) and Manhole, Gravity Interceptor, and Easement Road Improvements Phase 2 (\$11.0M) projects.
- **Pursuing Funding Support:** The District is accelerating design of the Cogeneration System Improvements Project (\$20.0M) to ensure it qualifies for tax credits (~\$6.5M) under the federal Inflation Reduction Act, which requires construction to begin before December 31, 2024. The District is pursuing federal funding via a Water Infrastructure Finance and Innovation Act (WIFIA) loan, which is anticipated to fund up to 49% (\$53.9M) of the Secondary Process Improvements Phase 1 Project.

The District has identified a total Sewer Service Charge (SSC) revenue need of \$39.2M for FY24/25, which includes \$25.2M for operating and **\$14.0M for capital needs**. Proposed SSC increases in FY24/25 would generate an additional \$2.5M to meet revenue needs. An SSC fact sheet and associated FAQs are available on the District's website (www.deltadiablo.org).

About Delta Diablo

Delta Diablo is a special district that provides wastewater conveyance and treatment services for over 218,000 residents in Antioch, Pittsburg, and Bay Point.

The District treats 14.2 million gallons of wastewater each day with a focus on exemplary regulatory compliance, innovative and sustainable approaches, and sound stewardship of the public's resources and trust.

The District has transformed its Wastewater Treatment Plant (WWTP) into a "wastewater resource recovery facility" by:

- ❖ Producing 7.7 million gallons of recycled water per day
- ❖ Generating on-site renewable energy to meet over 50% of WWTP power needs
- ❖ Reusing residual biosolids as fertilizer through land application at farm sites
- ❖ Providing household hazardous waste (HHW) collection services
- ❖ Protecting the Delta by providing street sweeping services

Our Mission

Delta Diablo protects public health and the environment for our communities by safely providing exceptional wastewater conveyance, treatment, and resource recovery services in a sustainable and fiscally-responsible manner.



218,000 residents



14.2 million gallons of wastewater per day



76 miles of sewer pipes and force mains



5 pumps stations to convey wastewater



Wastewater Treatment Plant



Recycled Water Facility



5-year Capital Improvement Program
\$187M