

Proposed 5-Year (FY23/24-FY27/28) Capital Improvement Program

Board of Directors Meeting May 10, 2023



Overview 5-year CIP Development Process



March 8, 2023

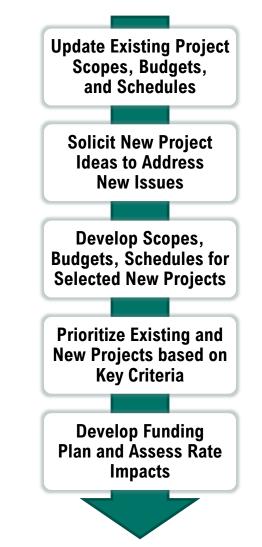
Board received a staff report on Major Factors Impacting 5-year CIP Development

May 10, 2023

Board reviews draft 5-year CIP and considers setting Public Hearing for June 14, 2023

June 14, 2023

Public Hearing and Board Consideration of Final 5-year CIP Adoption



District Strategic Plan (Aug 2021)



Goal 1 Infrastructure Investment

Ensure the long-term effectiveness and reliability of critical District infrastructure through prioritized, cost-effective capital investment and maintenance

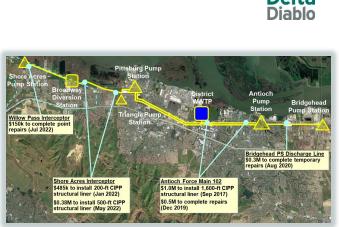
Key Highlights

- Ensure effective capital project delivery (engagement, lifecycle costs, risk assessments, lessons learned, defined roles and responsibilities)
- Conduct and integrate infrastructure condition assessment, master planning, and CIP prioritization
- Develop strategic, risk-based Asset Management Program



Overview Proposed 5-year CIP

- Ensuring effective prioritization of capital investment to address critical aging infrastructure, regulatory compliance needs in wastewater collection, conveyance, and treatment, and recycled water systems
- Proposed 5-year CIP = \$138.7M
 - +\$2.8M from current CIP (\$135.9M)
- FY23/24 Budget Appropriation Need Required FY23/24 CIP Budget Appropriation = Estimated FY23/24 Carryover Expenditures = Estimated FY23/24 CIP Expenditures =





\$11.8M <u>\$4.6M</u> \$16.4M

Major Drivers Impacting Proposed 5-yr CIP Development (Mar 2023 Update)



Secondary Process Improvements	 Project schedule has been delayed by approximately two years (completing master planning work) Original Project scope (\$60M) did not include nutrient removal (renew infrastructure, address service area growth) Algal blooms in SF Bay in summer 2022 may accelerate implementation of nutrient removal requirements
APS and Conveyance System Improvements	 Project schedule has been delayed by approximately two years (significant planning/predesign efforts to determine best project approach) Significant cost increase (\$18.5M, +\$9.5M increase)
Cogeneration System Improvements	 Stall is pursuing accelerated design schedule to meet federal tax credit requirement under Inflation Reduction Act

Ensuring Infrastructure Renewal Planned Expenditures by Major Area



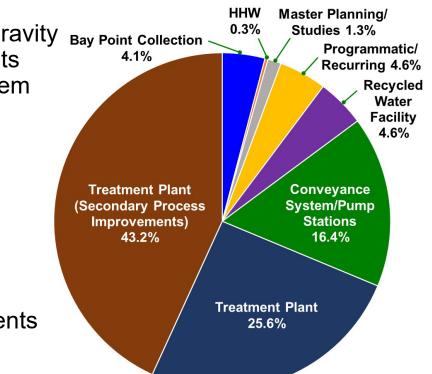
- Addressing Aging Infrastructure Needs
 - ~78% of CIP supports rehabilitation and/or replacement of existing critical wastewater infrastructure

Prioritizing New Capital Investment Needs

- Ten new projects (\$6.0M)
- \$3.6M in FY23/24 including Manhole, Gravity Interceptor, and Easement Improvements Phase 2 (\$2.0M) and Conveyance System Assessment (\$0.7M)

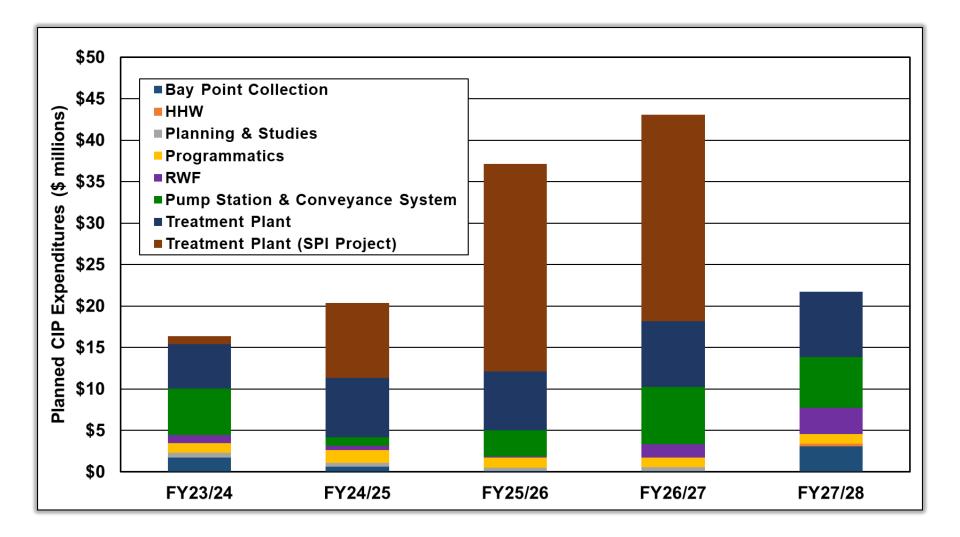
Ensuring Integrity of BP Collection

- Near- and long-term efforts to repair prioritized segments (\$5.7M)
- Planning for the Future
 - CIP includes \$1.8M for five master planning efforts to guide future investments



Significant Capital Projects on Horizon Planned Expenditures by Fiscal Year





Recommended Board Actions



- Review and provide comments on proposed 5-year (FY23/24-FY27/28) CIP
 - Reviewed with Finance Committee on April 26, 2023
- Set Public Hearing for June 10, 2023, at 5:30 pm to consider approval of the final 5-year CIP

