Water Supply and IT Capital Improvement Program FY 2018-19 Third Quarter Progress Report

Water Supply Projects Closing Out in FY2019

Wolfe Road Recycled Water Facilities - \$15M

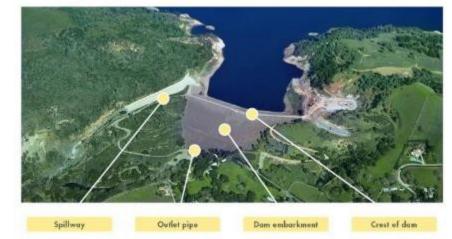


Pacheco Reservoir Feasibility Study



1. Anderson Dam Seismic Retrofit

Total Estimated Cost: \$550 million





Q3 Progress Report:

- Spillway condition assessment 12/2017
- Phase 3 & 4 geotechnical investigation –
 2/2018
- 60% design completed 4/2018
- BOC meeting #10 6/2019

- Phase 5 geotechnical investigation 3/2019
- Phase 6 geotechnical investigation 12/2019
- 90% Design 6/2020
- Draft EIR Public Review 6/2020



2. Calero Dam Seismic Retrofit

Total Estimated Cost: \$120 million



Q3 Progress Report:

- 60% design completed Dec . 2018
- 60% design under DSOD review
- Notice of Preparation (NOP) for EIR completed – July 2018
- 1st Admin Draft EIR April 2019

- Initiate informal consultations with regulatory agencies – Summer 2019
- Draft EIR for public review Spring 2020
- 90% design Spring 2020



3. Guadalupe Dam Seismic Retrofit

Total Estimated Cost: \$80 million



Q3 Progress Report:

- Completed all geotechnical investigations for design – Dec. 2019
- 60% design Feb. 2018, currently under DSOD review
- Scoping Meeting for EIR Mar. 2018

- Initiate informal consultation Summer 2019
- Administrative Draft EIR Dec 2019
- 90% design Dec. 2019



4. Almaden Dam Improvements

Total Estimated Cost: \$60M



Q3 Progress Report:

- Spillway condition assessment –
 December 2017
- Phase 3 geotechnical investigation April
 2018

- Basis of Design June 2020
- 50% Design March 2021



5. Pacheco Reservoir Expansion

Total Estimated Cost: \$1.3B



FY 19 Progress Report:

- CWC award of \$484.55 million WSIP funding July 2018
- Retained Program Management and the Planning,
 Design, and Environmental consultants Nov. 2018
- Executed the \$24.5 \$24.2 million Early Funding agreement with CWC Dec. 2018
- Performed site reconnaissance Feb. 2019
 FY20 Outlook:
- Phase 1 Geotechnical Investigations
 – Summer
 2019
- Environmental field investigations Fall 2020
- Development of an Allocation Plan with San Benito County Water District – Dec. 2019
- Project Alternatives Evaluation
 - June 2020



6. Dam Seismic Stability Evaluation – Chesbro, Uvas, and Coyote Dams

Total Estimated Cost: \$30M



Q3 Progress Report:

- Earthquake design motion analysis approved by DSOD in Feb & April 2019
- Phase 1 spillway condition assessments –
 submitted for DSOD review in Sept. 2018
- Phase 2 spillway condition assessments –
 August 2019

<u>FY20 Outlook:</u> Complete seismic stability evaluations



7. Coyote Pumping Plant Adjustable Speed Drive (ASD) Replacement

Total Estimated Cost: \$20M



Q3 Progress Report:

 Board approval of Design-Build project delivery method and award of consultant agreement for Planning Phase – March 2019

- Problem Definition Report Oct. 2019
- Identify staff-recommended project June 2020



8. Pipeline Inspection and Rehabilitation

Total Estimated Cost: \$105M



Q3 Progress Report:

- Board acceptance of Almaden Valley Pipeline inspection and extensive repair – Apr. 2019
- Design and environmental permitting for Cross Valley and Calero Pipeline inspection/ repair

FY20 Outlook: Inspection/rehabilitation of Cross Valley and Calero Pipelines and design/prep for Central Pipeline inspection and rehabilitation.



9. Main and Madrone Pipelines Restoration

Total Estimated Cost: \$18M



Q3 Progress Report:

Completion of 80% of field construction

<u>FY20 Outlook:</u> Complete field construction and close-out project.



10. Vasona Pumping Plant Upgrade

Total Estimated Cost: \$21



Q3 Progress Report:

 Preparing for Board approval of Design-Build delivery method and award of consultant agreement for Planning Phase (Apr. 2019)

- Problem Definition Report Dec.
 2019.
- Identify staff-recommended project – June 2020.



11. RWTP Reliability Improvement

Total Estimated Construction Contract Cost: \$200M







Q3 Progress Report:

- Phase 2 completion delayed
- Contractor developing remediation plans to address poor workmanship issues

<u>FY20 Outlook:</u> Completion of Phase 2 and initiation of Phase 3.



12. RWTP Residuals Remediation

Total Estimated Construction Contract Cost: TBD



Q3 Progress Report:

- Develop feasible remediation alternatives – Jan. 2019
- Identify recommended project Apr.
 2019

<u>FY20 Outlook:</u> Completion of design for remediation work.



Information Technology (IT) Key Capital Projects FY2018-19 Quarter 3 Report

- **13. E-Discovery Software for Legal Counsel** (\$2.4M)
- **14.** Enterprise Resource Planning (ERP) System Implementation(\$18.4M)



Q3 Progress Report:

- E-Discovery Software vendor selection, proof of concept and software purchase are complete.
 Implementation is underway.
- Contract negotiation continues with highest-ranked ERP System vendor.

FY19 Outlook:

- E-Discovery: complete implementation Dec. 2019
- ERP: initiate system implementation Sept. 2019

