



Santa Clara Valley Water District

File No.: 18-0354

Agenda Date: 5/22/2018

Item No.: 5.2.

BOARD AGENDA MEMORANDUM

SUBJECT:

District's Capital Improvement Program Fiscal Year 2017-18 Progress Report for Water Supply and Information Technology Capital Projects.

RECOMMENDATION:

Receive information from staff on the FY2017-18 Capital Improvement Program (CIP) progress reports for key Water Supply and Information Technology Capital Projects.

SUMMARY:

The District plans, manages, and implements capital improvements to comply with the Board's Ends Policies and Executive Limitations. Program plans or master plans are developed to achieve the results established by the Ends Policies. These plans then become the basis for staff to develop and propose individual capital projects that become part of the District's Five-Year Capital Improvement Program (CIP).

The FY2018-22 CIP includes a total of 66 capital projects. Of these, 30 are Water Supply projects and 8 are Information Technology (IT) projects. The total value of the CIP is \$4.5B. Water Supply projects contribute \$2.6B, and IT projects contribute \$55M to the total CIP. Table 1 presents, by CIP category, the number of active FY18 projects, the Board-approved FY18 budget, and actual expenditures through February 12, 2018 (FY18-Q3).

**Table 1. FY18 Active CIP Projects, Budgets, and Expenditures
by Category through 2/12/2018**

CIP Category	No. of Active Projects	FY18 Budget (\$ Million)	FY18 Expenditures (\$M) (% expended)
Water Supply	23	\$139.2	\$96.1 (69%)
Flood Protection	16	\$137.3	\$50.6 (37%)
Water Resources Stewardship	7	\$8.7	\$1.4 (16%)
Buildings & Grounds	1	\$ 2.0	\$0.5 (25%)
Information Technology	8	\$ 14.7	\$0.9 (6%)

Total	55	\$400.7	\$139.2 (35%)
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Key Capital Projects

Table 2 presents the project delivery phase and FY18 third quarter status of ten (10) key Water Supply and four (4) IT capital projects' milestones. Construction work was completed on several key Water Supply projects in the early months of FY18, and these projects will be closed out and removed from the CIP by the end of FY18:

1. Wolfe Road Recycled Water Facilities
2. IRP2 Seismic Retrofit of RWTP and PWTP Operations Buildings
3. Fluoridation at Penitencia and Santa Teresa Water Treatment Plants
4. Penitencia Clearwell Recoating and Repair
5. Penitencia Force Main/Delivery Main Seismic Retrofit

Table 2. FY18-Q3 Status of Water Supply and IT Capital Projects

No.	Key Capital Projects	Project Milestone(s)	Status
Water Supply			
1	Anderson Dam Seismic Retrofit (Design Phase)	1. Spillway condition assessment - 12/2017 2. Phase 3 geotechnical investigations 10/2017 2/2018 3. 60% design 4/2018 4/2018 4. Draft EIR released for public review 4/2018 9/2018	1. Complete 2. Complete 3. Adjusted 4. Adjusted
2	Calero Dam Seismic Retrofit (Design Phase)	1. 30% design - 9/2017 2. Spillway condition assessment - 12/2017 3. 60% design - 6/2018 4. Notice of Preparation for EIR - 6/2018	1. Complete 2. Complete 3. On target 4. On target
3	Guadalupe Dam Seismic Retrofit (Design Phase)	1. Complete geotechnical investigations - 12/2017 2. Spillway condition assessment - 12/2017 3. 60% design - 2/2018 4. EIR Scoping Meeting - 3/2018 5. Administrative Draft EIR - 6/2018	1. Complete 2. Complete 3. Complete 4. Complete 5. On target
4	Almaden Dam Improvements (Design Phase)	1. Spillway condition assessment - 12/2017 2. Phase 3 geotechnical investigations & report -12/2017 4/2018 3. Basis of Design Report - 4/2018 7/2018 4. 50% design - 6/2018 12/2018	1. Complete 2. Adjusted 3. Adjusted 4. Adjusted
5	Dam Seismic Stability Evaluation (Chesbro, Uvas, Coyote Dams) (Planning Phase)	1. Phase 2 geotechnical investigations - 2/2018 2. Earthquake design motion analysis - 4/2018 3. Phase 1 spillway condition assessments - 6/2018	1. Complete 2. On Target 3. On Target
6	Coyote Pumping Plant ASD Replacement (Planning Phase)	1. Prepare Project Plan - 12/2017 2. Issue RFP for Planning/Pre-Design - 2/2-018 3. Board approval of consultant agreement - FY19-Q1	1. Complete 2. Complete 3. On Target

7	Pipeline Inspection and Rehabilitation (Construction Phase)	1. Advertise for inspection/rehab of Almaden Valley Pipeline (AVP) - 8/2017 2. Board award of inspection/rehab contract (AVP) - 9/2017 2. Complete inspection/rehabilitation of AVP - 3/2018	1. Complete 2. Complete 3. Complete
8	Main and Madrone Pipelines Restoration (Construction Phase)	1. Advertise for construction 8/2017 2. Board award of construction 10/2017 3. Construction notice to proceed 1/2018	1. Complete 2. Complete 3. Complete
9	Vasona Pumping Plant Upgrade (Planning Phase)	1. Prepare Project Plan - 12/2017 2. Issue RFP for Planning/Pre-Design - 2/2018 3. Board award of consultant agreement - FY19Q1	1. Complete 2. Complete 3. On Target
10	RWTP Reliability Improvement (Construction Phase)	1. Continue management of Phase 2 Construction Activities - 6/2018	1. On Target
Information Technology			
11	Vena Budget Software Implementation	1. Initiate Upgrade - 10/2017 2. Complete Implementation - 12/2017	1. Complete 2. Complete
12	Board Room Audio-Visual Technology Upgrade	1. Award Construction Contract - 11/2017 2. Initiate Upgrade - 03/2018 3. Complete Upgrade - 5/2018	1. Complete 2. Complete 3. On Target
13	E-Discovery software for Legal Counsel	1. Vendor Selection - 01/2018 2. Initiate Proof of Concept - 05/2018 3. Complete Upgrade - 08/2018	1. Complete 2. On Target 3. On Target
14	Enterprise Resource Planning (ERP) System Implementation	1. Release RFP - 4/2018	1. On Target

Water Supply Capital Projects

The primary objectives for most of the current Water Supply capital projects are the retrofit and rehabilitation of the District's existing water supply infrastructure-dams, pipelines, pump stations, and water treatment facilities. In addition, several projects focus on the expansion of recycled water facilities. Through the third quarter of FY18, 23 of the 30 Water Supply Projects in the CIP were active, five (5) are small capital projects, five (5) are in planning, seven (7) are in design, four (4) are in construction, and two (2) are in the process of being closed out.

Of the ten (10) key Water Supply projects listed in Table 2, three (3) are in the planning phase, four (4) are in design, and three (3) are under construction.

Construction Contracts. Through FY18-Q3, six (6) Water Supply project construction contracts were

awarded by the Board, with a total value of \$25.6M.

Consultant Agreements. Through FY18-Q3, two (2) new consultant agreements were awarded by the Board, for a total value of \$7.0M. Eight (8) amendments to existing consultant agreements were approved by the Board for a total amendment value of \$47.7M.

Information Technology (IT) Capital Projects

The primary objective of the IT projects in the CIP is to provide the software systems and technology the District needs to manage its core business, and operations. Of the eight (8) projects in the CIP, one (1) project is complete, four (4) projects are being implemented, and three (3) are in the planning stage.

Construction Contracts. Through FY18-Q3 one (1) Information Technology project construction contract was awarded by the Board, with a value of \$616K.

Consultant Agreements. No new consultant agreements or amendments to agreements were presented to the Board for consideration and award through FY18-Q3.

FINANCIAL IMPACT:

The recommended action has no financial impact.

CEQA:

The recommended action does not constitute a project under California Environmental Quality Act (CEQA) because it does not have a potential for resulting in a direct or reasonably foreseeable indirect physical change in the environment.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

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