

Capital Project Monitoring Report – August 2026

Feasibility and Planning Phase				
Row	Project No.	Project Name	Notes, Upcoming Board Actions, or potential issues	Deputy's Initials
Water Supply				
1	91084019	Dam Seismic Stability Evaluations	The Division of Safety of Dams (DSOD) received the Coyote Dam Seismic Stability Assessment in July 2024. The analysis indicated that Coyote Dam needs both embankment retrofitting and spillway replacement. DSOD concurred with the assessment and agreed to maintain the existing reservoir restriction as an interim risk-reduction measure pending completion of additional studies and the retrofit project. The Coyote Dam Preliminary Remedial Alternatives Report is currently under review by staff and will be finalized by August 2026. The Uvas Dam Seismic Assessment Technical Memorandum, which concluded that no additional studies are needed, was submitted to DSOD for review in March 2025. The Chesbro Dam Evaluation Technical Memorandum was scheduled for completion by July 2025; however, additional field investigations were determined to be necessary to optimize parameters and finalize the evaluation. A geotechnical investigation plan has been submitted to and approved by DSOD. This unanticipated work is expected to extend completion of the memorandum to 2027.	AG
2	91294002	Pure Water Silicon Valley Full Scale DPR Facility	Staff is currently working on the Planning Report for the Pure Water Silicon Valley Direct Potable Reuse (DPR) Full Scale Facility. The Exclusive Negotiation Agreement (ENA) to reserve the space for the full-scale DPR facility was executed by VW and the Cities of San Jose and Santa Clara.	KS
3	93044001	Water Treatment Plant (WTP) Master Plan Implementation Project	Staff completed the Project Development, Evaluation, and Planning Study Report and the Project Implementation Plan, including the Basis of Design Reports and Technical Baseline Document. These deliverables establish the recommended long-term capital improvements and implementation strategy for Valley Water's water treatment facilities and provide the technical basis for future capital project development. Staff continues advancing environmental planning through the development of the Programmatic Environmental Impact Report (PEIR) and supporting implementation-focused supplemental studies, including the Silicon Valley Advanced Water Purification Center and Liquid Ammonium Sulfate (LAS) projects. Current efforts include advancing LAS 10% design development and preparing the Public Draft PEIR for release.	LP
4	95044001	Distribution System Master Plan Implementation Project	Staff completed the Pump Station Evaluation Technical Memorandum (TM), documenting condition assessments, estimated remaining useful life, and renewal recommendations for the Pacheco, Coyote, Intertie, and Wolfe Road pump stations, as well as the Campbell Well Field and San Tomas Injection Well facilities. These evaluations provide the technical foundation for future capital planning and long-term asset management. Staff is also advancing the evaluation of Valley Water's inactive canals and recycled water facilities. Recent work includes preparing a draft recycled water pipeline evaluation memorandum and continued refinement of GIS-based condition and consequence-of-failure information. Concurrently, staff is developing the Problem Definition Report, which is organizing and prioritizing system needs and potential capital improvement projects to support development of the long-term capital program.	LP

5	95044002	SCADA Master Plan Implementation Project	SCADA platform selection activities are ongoing. Staff is currently reviewing a qualitative evaluation of ten solutions based on design considerations, including system architecture and programming environment; performance considerations, including cybersecurity and alarm management; and support considerations, including revision control and lifecycle cost. Staff is also developing standardized testing scenarios for on-site demonstrations by up to four shortlisted vendors later this year.	LP
6	93764004	Penitencia WTP Clearwell Roof Improvement Project	The Planning Study Report (PSR) has been approved, and the design phase has commenced. This project will now be moved to the design phase report.	EA
7	91884003	Coyote Dam Seismic Stability	A status update on the Remedial Alternatives Report will be provided to the Committee in October 2026. Completion of the Feasible Alternatives Report is expected in late 2026, followed by the Planning Study Report in early 2027.	AG
Flood Protection				
8	26444004	San Francisco Bay Shoreline (E7) – Phase III*	In November 2024, the US Army Corps of Engineers (USACE) proposed a Phase III study schedule of eight years and a budget of \$15.97 million. In December 2025, USACE Headquarters confirmed that it does not support the full proposed study scope, budget, or schedule; and recently confirmed the study will not receive additional funding. USACE will provide a summary report documenting their work on the study. Similar to the Shoreline Phase II Study, the initial modeling results indicate that damages are not significant for another 30-40 years in the future, when sea level rise is greater. The final report is expected by September 2026.	BY
9	26284002	San Francisquito Creek – S.F. Bay to Middlefield Road (SCW E5)*	The project is currently being led by the San Francisquito Creek Joint Powers Authority (SFCJPA). Valley Water is one of the five member agencies. The SFCJPA continues to work on the planning study to identify a preferred alternative for a Reach 2 project.	BY
10	40664001	Aquatic Resource Creation at Ford Road Percolation Pond	The project will address the critical need for aquatic and wetland mitigation for the Stream Maintenance Program and Capital Improvement Projects’ impacts. The project began planning at the start of FY27 per the approved CIP. The project team is working towards a Planning Study Report with more information to come in future updates.	BY
11	26324001	Upper Penitencia Creek, Coyote Creek to Dorel Drive (SCW E4)*	As presented to the Board as part of the January 13, 2026, Work Study Session on the Preliminary FY27-31 CIP, this project is reevaluating project implementation to identify opportunities for phased implementation targeting flood risk reduction in the most vulnerable locations.. Staff is updating the 2022 planning study report (PSR) which will be completed by summer 2027. The first step is updating the problem definition and refined objectives memorandum, which will be completed by September 2026.	BY
Water Resources Stewardship				
12	26044003	Ogier Ponds Separation from Coyote Creek (SCW D4.2)*	This project will now be moved to the design phase report.	LB
13	26044005	Fish Passage Improvements (Moffett) (SCW D4.3)*	This project will now be moved to the design phase report.	LB

14	20444001	Calabazas/San Tomas Aquino Creek-Marsh Connection Project (Planning and Design)	This project will now be moved to the design phase report.	LB
Buildings & IT				
15	60204022	Security Upgrades and Enhancements	This project will significantly enhance the overall security of Valley Water facilities by designing and installing a modern technical security system capable of addressing today’s security and investigative requirements to counter security threats. The project is being delivered in three phases: the construction contract for Phase 1, which involves fencing replacement, has been completed; Phase 2, focusing on surveillance and access control replacement, is in construction and staff are actively working with the contractor to replace existing cameras and badge reader systems; and Phase 3, the expansion of the surveillance system, is in the planning phase. Staff are working internally to identify gaps in camera coverage and will also use the completion of Phase 2 to evaluate any remaining system needs.	TN

* This project meets the commitments of the voter-approved Safe, Clean Water Program (SCW). For a full description of the SCW benefits and KPIs, please visit www.valleywater.org.

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