



Valley Water's Future Construction Projects

Updated: April 9, 2026

Design-Bid-Build Projects:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Upper Berryessa Creek Off-Site Mitigation Planting Project	26174041	\$2M - \$3M	April 2026	Conduct planting at different site for a total of 15 acres.	Milpitas San Jose
HQ Operations Maintenance Building Project	60204032	\$5M - \$6M	June 2026	Interior renovations to the Valley Water Maintenance Building on Almaden Expressway.	San Jose
Coyote Perc Pond Phase 2 Project	91894011	TBD	September 2026	The Project includes a fish lane designed to provide passage over the newly installed bladder dam. The fish lane is about 550 feet long and terminates just upstream of Pond 10B. Pond 10B berm will be repaired and that the fish lane will connect to the historical channel. Additionally, the replacement of one underflow radial gate with an overflow gate and improve attraction pool hydraulics	San Jose
Santa Teresa Force Main Inspection & Rehabilitation Project	95084002	TBD	September 2026	The project will inspect the pipeline, plan, design, and construct the identified rehabilitation measures. The objective of the project is to perform condition assessments and structural inspections to identify distressed pipe sections and defective appurtenances, improve vault accessibility, implement repairs, rehabilitate and replace old and defective appurtenances, update electrical and controls systems, and rehabilitate corrosion protection systems. The project will also include the installation of an additional line valve that allows for damaged portions of the system to be isolated to ensure the use of undamaged portions to convey treated water to the retailers and would allow portions of the system to be isolated for maintenance without shutting down the entire pipeline.	San Jose
WARP Guadalupe River Erosion Repair at Malone Road & Blossom Hill Road	62084001	\$4M - \$6M	October 2026	The Malone Road portion of the Project will place approximately 170' of new rock slope protection as well as remove and replace approximately 145' of concrete lining. The repair work upstream of Malone Road will address existing erosion damage to the concrete lining adjacent to Almaden Road. The Blossom Hill portion of the Project will place approximately 170' of new rock slope protection as well as remove and replace 140' of concrete maintenance road. The repair work at Blossom Hill Road will address existing erosion damage to the gabion baskets adjacent to the depressed maintenance access road under Blossom Hill Road bridge.	San Jose
Sunnyvale East and West Channels Project - WIFIA Loan, FEMA Grant Funded	26074002	\$45M - \$50M	November 2026	The Sunnyvale West Channel extends approximately three miles and upgrades existing channel capacity to provide 1% (or 100-year) flood protection for 47 acres of highly valuable industrial lands. The Sunnyvale East Channel extends approximately 6.4 miles and upgrades existing channel capacity to provide 1% flood protection for 1,618 parcels. The project is being constructed in two phases. Construction of the West Channel improvements constitutes Phase 1, and construction of the East Channel improvements is Phase 2. Both phases decrease channel turbidity and sediment by repairing erosion sites, thereby improving water quality. The project will also identify opportunities to integrate recreation improvements with the City of Sunnyvale and others as appropriate. Proposed work includes a bridge replacement with a triple cell box culvert, a culvert undercrossing replacement, concrete floodwalls, concrete headwalls, levee raising, maintenance road resurfacing, and incidentals.	Sunnyvale
Pure Water Silicon Valley - Pilot Facility	91294001	\$22M	December 2026	Work under this Contract includes construction of 200 gpm direct potable reuse (DPR) pilot treatment facility in temporary location inside existing Silicon Valley Advanced Water Purification Center (SVAWPC) site. Work also includes site preparation, installation of electrical equipment, tie-in connections and underground piping. Pilot treatment process and equipment will be relocated by Others to a new Learning Center site in the future,	San Jose
WARP Lower Penitencia Creek at Great Mall Pkwy Erosion Repair	62084001	\$3M - \$5M	February 2027	Repair the gabion baskets on the east bank of the Guadalupe River, originally built by the City of San Jose Redevelopment Agency.	Milpitas
Calero Dam Seismic Retrofit	91874004	\$110M	September 2027	Stabilize the embankment to withstand a Maximum Credible Earthquake (MCE); Modify or replace the outlet works if determined to be inadequate; Modify the spillway or increase the freeboard of the dam for safe passage of the Probable Maximum Flood (PMF); Provide modifications that do not preclude potential future expansion of dam and reservoir to provide additional reservoir storage; Remove or relocate the Bailey Ranch structures and breach Fellow's Dike.	San Jose
Coyote Pumping Plant Isolation Valve and Actuator Replacement Project	91234010	\$5M - \$7M	September 2027	The Project will replace piping, flowmeters, valves, and actuators, and upgrade associated electrical and controls equipment.	Morgan Hill
Pure Water Silicon Valley - Learning Center	91294001	\$15M	December 2027	Work under this Contract includes construction of approximately 10,000 square foot learning center building for direct potable reuse (DPR) and recycled water education and public outreach, site development, new paved parking lot and accessways, site drainage system, landscaping, utility connections, site improvement, and abandonment of existing groundwater monitoring wells on-site. Work also includes relocation of an existing 200 gpm DPR pilot facility to the new Learning Center building and new exterior process area and extension of existing underground piping and electrical lines.	San Jose
Lower Guadalupe Capacity Restoration Project	30154019	\$80M	May 2028	The scope includes raising levees by approx. 2-3 feet between Hwy 101 and Tasman, as well as raising headwalls at bridges at Montague Expressway and Trimble Road.	San Jose



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Almaden Dam Improvements	91854001	\$53.6M	March 2030	Modify or construct a new intake structure, capable of releasing 246 cubic feet-per-second of water without flushing of sediments through the outlet works; Correct existing problems with the outlet energy dissipation structure, piping and valves; Restore operational capacity to the Almaden-Calero Canal and stabilize and improve maintenance access.	San Jose
WARP Guadalupe River at San Carlos Erosion Repair Project	62084001	\$3M - \$5M	TBD	Repair the bank and slope erosion along Lower Penitencia Creek between Great Mall Parkway and Machado Avenue.	San Jose
Vasona Pump Station Upgrades	92264004	\$45M	TBD	The VPS Upgrade Project will replace the pumps, flowmeters, motors, drives, valves, actuators, instrumentation and control equipment, and electrical distribution system components. Completion of the VPS Upgrade Project will improve operation and reliability, increase operational flexibility, prepare for future capacity needs, and reduce operation and maintenance costs.	Los Gatos
WTP Electrical Improvement Project (with NDA)	93084004	\$11M	TBD	The WTP Electrical Improvement Project will replace and upgrade major electrical equipment at Santa Teresa and Penitencia Water Treatment Plants that have reached the end of their useful life. This Project will improve reliability and allow efficient operation of the electrical systems. The Project consists of replacing motor control centers, standby power generator upgrades and power quality enhancement.	Santa Clara County
Almaden Calero Canal Rehabilitation Project	91854003	\$16M - \$18M	October 2027	The Project will design and construct the identified rehabilitation measures. This include rehabilitating the shotcrete liner along the entire length of the canal, improving accessibility, rehabilitating the steel flume, implementing repairs, and replacing old and defective appurtenances.	San Jose and parts of Unincorporated Santa Clara County