

TABLE 1. PROJECT COSTS

Project	Capital Cost (2020\$) ¹	Annual O&M (2020\$)	Lifespan
<p>Direct Potable Reuse: Uses effluent from the SJ/SC Regional Wastewater Facility to feed a new Advanced Water Purification Facility adjacent to the existing Silicon Valley Advanced Water Purification Center (water from Sunnyvale and Palo Alto is considered in other portfolios). The purified water is then blended with treated water at the Penitencia Water Treatment Plan. Assumes up to 24,000 AFY of advanced treated recycled water would be available by FY28.</p>	\$570 Million	\$22 Million	50 years
<p>Indirect Potable Reuse to Los Gatos Ponds: Uses effluent from the SJ/SC Regional Wastewater Facility to feed a new Advanced Water Purification Facility adjacent to the existing Silicon Valley Advanced Water Purification Center (water from Sunnyvale and Palo Alto is considered in other portfolios). The purified water is then recharged in the existing Los Gatos ponds. Assumes up to 24,000 AFY of advanced treated recycled water would be available for groundwater recharge by FY28. This is portfolio 1a in the CWRMP.</p>	\$700 Million (24 TAF)	\$20 Million (24 TAF)	50 years
	\$500 Million (11 TAF)	\$10 Million (11 TAF)	
<p>Lexington Pipeline: Constructs a pipeline between Lexington Reservoir (or Vasona Reservoir) and the raw water system to provide greater flexibility in using local water supplies. The pipeline would allow surface water from Lexington Reservoir to be put to beneficial use elsewhere in the county, increasing utilization of existing water rights. In addition, the pipeline will enable Valley Water to capture some wet-weather flows that would otherwise flow to the Bay. Water quality issues would require pre-treatment/management.</p>	\$100 Million	<\$1 Million	75-150 years

¹ Costs are presented in current dollars. Only Valley Water costs, after grants and other funding sources, are included. All costs are subject to change pending additional planning and analysis.

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<p>Los Vaqueros Reservoir: Expansion of Los Vaqueros Reservoir from 160TAF to 275TAF. Transfer Bethany Pipeline would connect Contra Costa Water District's (CCWD's) system to Bethany Reservoir, which serves the South Bay Aqueduct and the California Aqueduct. Valley Water can participate in conveyance only or have 30 TAF of dedicated storage in the reservoir. The project will be operated by a Joint Powers Authority.</p>	<p>\$165 Million (30 TAF storage)</p> <p>\$35 Million (Conveyance Only)</p>	<p>\$2 Million (30 TAF storage)</p> <p><\$1 Million (Conveyance Only)</p>	<p>75-150 years</p>
<p>Pacheco Reservoir: Enlarges Pacheco Reservoir from about 5,500 AF to 140,000 AF and connect the reservoir to the Pacheco Conduit. The primary water sources to fill the expanded reservoir would be natural creek inflows and CVP supplies.</p>	<p>\$1.7 Billion</p> <p>\$1 Billion (55TAF storage)</p>	<p>\$5 Million</p> <p>\$3 Million</p>	<p>75-150 years</p>
<p>Refinery Recycled Water Exchange: A regional recycled water project between Valley Water, Central Contra Costa Sanitary District (Central San), and Contra Costa Water District (CCWD). The project will allow Central San to provide recycled water to two oil refineries in Contra Costa County in lieu of CCWD's CVP water. CCWD will then provide its freed-up CVP supply to Valley Water. The project may make available up to 11,000 AFY of water on average.</p>	<p>\$210 Million</p>	<p>\$9 Million</p>	<p>50 years</p>
<p>Sites Reservoir: Construction of a 1,500 TAF off-stream water supply reservoir north of the Delta that would collect flood flows from the Sacramento River. Potential to provide dry year yield and storage benefits. The project would be operated in coordination with the SWP and CVP.</p>	<p>\$10 Million (0.2% share)</p> <p>\$140 Million (3.2% share)</p>	<p><\$1 Million</p>	<p>75-150 years</p>

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<p>Delta Conveyance Project: Constructs alternative conveyance capable of diverting up to 6,000 cfs from the Sacramento River north of the Delta and delivering it to the SWP pumps at the southern end of the Delta. The project purpose is restore and protect the reliability of SWP water deliveries and, potentially, CVP water deliveries south of the Delta, consistent with the State’s Water Resilience Portfolio. Objectives include addressing sea level rise, minimizing public health and safety impacts from a major earthquake that causes Delta levee failure, protecting the ability of the SWP to deliver water when hydrologic conditions and regulations allow, and providing operational flexibility to improve aquatic habitat in the Delta. This project is in the early planning phase, so costs and yields have not been determined.</p>	TBD	TBD	75-150 years

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