

Appendices

Appendix A - Valley Water External Funding Summary

Valley Water's External Funding Appendix includes funding sources that operate on a reimbursement basis, where Valley Water initially advances the necessary funds for eligible expenditures. The table below outlines capital projects that receive external funding, including state and federal grants, state subvention reimbursements and local reimbursements.

External Funding Reimbursement (\$K)

FY 2026-40 Planned Capital Reimbursement Schedule			Claims	Actuals							
Project Number	Project Name	Agency	On-hand (6/30/25)	Thru FY24	FY25	FY26	FY27	FY28	FY29	Future	Total
91864010	Cross Valley Pipeline Extension	Total	0	5,236	581	0	0	0	0	0	5,817
		DWR - Prop 1E		5,236	581	0	0	0		0	5,817
91214010	Small Capital Improvements, San Felipe - Rch 1	Total	0	3,692	64	684	800	814	1,381	4,427	11,862
		San Benito Water Dist		3,692	64	684	800	814	1,381	4,427	11,862
91954002	Pacheco Reservoir Expansion Project	Total	0	23,857	2,419	0	0	0	30,179	447,545	504,000
		California Water Commission		23,857	2,419	0	0	0	30,179	447,545	504,000
92144001	Pacheco/Santa Clara Conduit ROW Acquisition	Total	0	19	0	0	0	0	0	0	19
		San Benito Water Dist		19						0	19
20444001	Calabazas/San Tomas Aquino Ck-Marsh Connection	Total	0	2,381	1,804	0	0	0	0	0	4,185
		SFBRA Measure AA		1,880	1,490					0	3,370
		CDFW (Prop 1)		186	314					0	500
		EPA/San Francisco Bay Water Quality Improvement Fund (SFBWQIF)		315						0	315
91094007s	South County Recycled Water Pipeline	Total	0	6,525	1,281	0	0	0	0	0	7,806
		SCRWA		811						0	811
		USBR - ARRA		1,295						0	1,295
		USBR - Title 16		4,419	1,281					0	5,700
26154001s	Guadalupe River-Upper, I-280 - Blossom Hill Rd.	Total	0	36,021	0	0	0	0	0	0	36,021
		State Subventions		31,430						0	31,430
		City of San Jose		4,591						0	4,591
26174041s	Berryessa Ck, Calaveras Blvd to I-680	Total	0	14,124	0	0	0	0	0	0	14,124
		State Subventions		4,124						0	4,124
		DWR - Prop 1E		10,000						0	10,000
40174004	Berryessa Ck, Lwr Penitencia Ck - Calaveras Blvd. (Phase 1)	Total	0	15,000	0	0	0	0	0	0	15,000
		DWR - Prop 1E		15,000						0	15,000
40174005	Berryessa Ck, Lwr Penitencia Ck - Calaveras Blvd. (Phase 2)	Total	0	1,447	548	0	0	0	0	0	1,995
		City of Milpitas		1,447	548					0	1,995
40334005	Lwr Penitencia Ck Imp, Berryessa to Coyote Cks.	Total	0	5,253	61	0	0	0	0	0	5,314
		DWR - Prop 1E		5,000						0	5,000
		City of Milpitas		253	61					0	314
26174051s	Llagas Creek-Upr, Buena Vista to Wright	Total	0	42,182	22,625	50,600	14,228	500	0	0	130,135
		State Subventions		37,867	100	100	100			0	38,167
		City of Morgan Hill		4,315	2,525	500	4,128	500		0	11,968
		NRCS		0	20,000	50,000	10,000			0	80,000
26244001	Permanente Creek, SF Bay to Foothill Expway	Total	0	1,023	0	0	0	0	0	0	1,023
		Cities of Mountain View and Los Altos		1,023						0	1,023
10284007s	San Francisquito Creek, SF Bay - Searsville Dam	Total	0	5,558	0	0	0	0	0	0	5,558
		JPA Member Agencies		4,520						0	4,520
		JPA (Joint Powers Authority)		1,038						0	1,038
26444001	San Francisco Bay Shoreline	Total	0	6,000	0	0	0	0	0	0	6,000
		SFBRA Measure AA (Grant)		6,000						0	6,000
00044026	San Francisco Bay Shoreline	Total	47	34,829	7,775	5,000	3,000	14,733	14,161	0	79,498
		SFBRA Measure AA (Grant)		26,795	0	3,205	2,000	11,733	11,733	0	55,466
		SFBRA Measure AA (Ballot Reimbursement)		831						0	831
		State Subventions		7,203	797					0	8,000
		State Coastal Conservancy, Grant A (Reaches 1-3)		0	6,978	795				0	7,773
		State Coastal Conservancy, Grant B (Reaches 4-5)		0		1,000	1,000	3,000	2,428	0	7,428
26444002	San Francisco Bay Shoreline	Total	0	420	0	0	0	0	0	0	420
		State Bond - DWR		420						0	420
62084001	Watersheds Asset Rehabilitation Program	Total	0	456	0	0	0	0	0	0	456
		City of Palo Alto		456						0	456
SUBTOTAL - Reimbursements from Current Projects			47	204,023	37,158	56,284	18,028	16,047	45,721	451,972	829,233

Appendix A - Valley Water External Funding Summary

External Funding Reimbursement (\$K) continued

Reimbursements for Closed Projects			Claims	Actuals							
Project Number	Project Name	Agency	On-hand (6/30/25)	Thru FY24	FY25	FY26	FY27	FY28	FY29	Future	Total
30154013s	Guadalupe River-DT, I-880 to I-280	Total	500	39,480	0	0	0	0	0	0	39,480
		State Subventions	500	27,618						0	27,618
		City of San Jose		1,654						0	1,654
		San Jose Redev Agency		10,208						0	10,208
40264008s	Lwr Silver Ck, I-680 to Cunningham, Rchs 4-6	Total	0	53,445	0	0	0	0	0	0	53,445
		State Subventions		8,399						0	8,399
		DWR - Prop 1E		24,000						0	24,000
		NRCS-ARRA		20,676						0	20,676
		City of San Jose		370						0	370
91214001	Pacheco Conduit Inspection & Rehabilitation	Total	0	1,500	0	0	0	0	0	0	1,500
		San Benito Water Dist		1,500						0	1,500
91244001	Wolfe Road Recycled Water Pipeline	Total	0	12,201	0	0	0	0	0	0	12,201
		Apple Computer		4,800						0	4,800
		Cal Water		1,500						0	1,500
		City of Sunnyvale		2,101						0	2,101
		DWR - Prop 84		3,800						0	3,800
94384002	Penitencia Delivery Main Seismic Retrofit	Total	0	5,107	0	0	0	0	0	0	5,107
		Department of Water Resources (A3904)		5,107						0	5,107
92224001	Penitencia Force Main Seismic Retrofit	Total	0	3,884	0	0	0	0	0	0	3,884
		Department of Water Resources (A3904)		3,884						0	3,884
91184008	Silicon Valley Advanced Water Purification Ctr	Total	0	22,046	0	0	0	0	0	0	22,046
		City of San Jose		8,500						0	8,500
		DWR - Prop 50		2,935						0	2,935
		DWR - Prop 84		2,486						0	2,486
		USBR - ARRA		8,125						0	8,125
50284010	Llagas Ck-Lwr, Capacity Restoration	Total	0	120	0	0	0	0	0	0	120
		State Subventions		120						0	120
SUBTOTAL - Reimbursements for Closed Projects			500	137,783	0	0	0	0	0	0	137,783
TOTAL REIMBURSEMENTS			547	341,806	37,158	56,284	18,028	16,047	45,721	451,972	967,016

Disclaimer: Valley Water and its Board recognize that while the CIP Five-Year Plan is intended to outline projected capital funding and planned projects, unforeseen needs may arise due to natural disasters, severe storm events, or other unexpected challenges. In such cases, Valley Water reserves the right to pursue appropriate external funding sources to address critical and emerging needs necessary to protect our services, infrastructure, and the communities we serve. Any unplanned projects will be subject to approval by the Valley Water Board.

Appendix A - Valley Water External Funding Summary

The table below outlines capital projects supported through partnership funding, which may be provided via cost-sharing agreements or in-kind services.

Partnership Funding

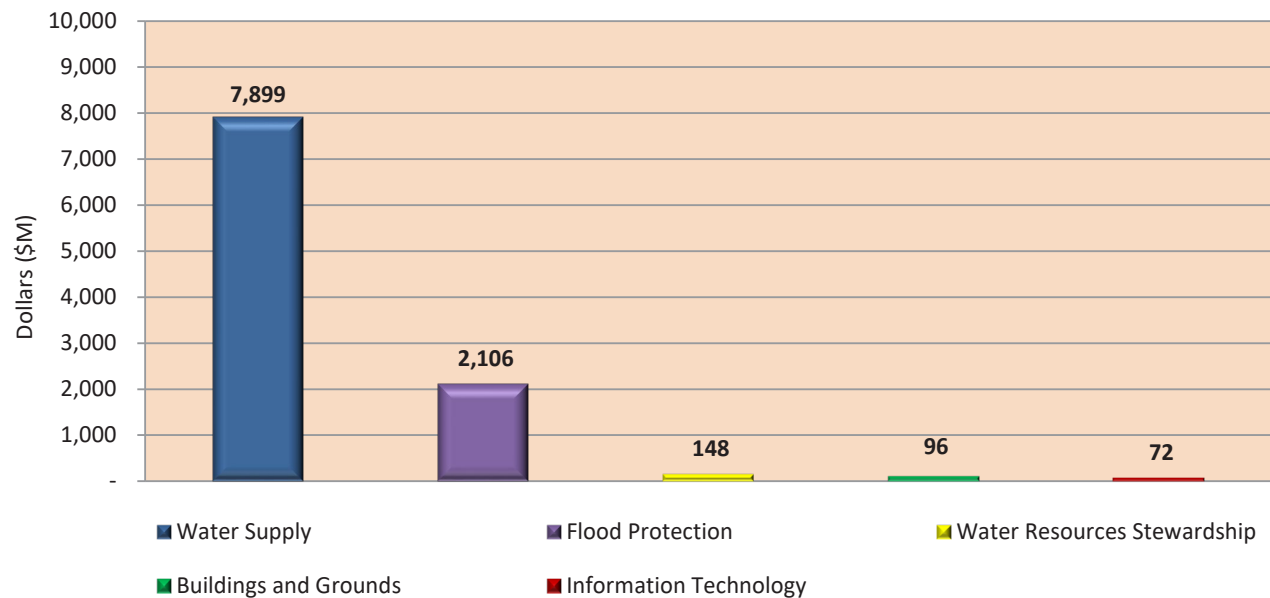
Project Number	Project Name	Amount (\$K)	Partnering Agency
26174041s	Berryessa Creek, Calaveras Boulevard to Interstate 680	13,600	U.S. Army Corps of Engineers
26154001s	Guadalupe River–Upper, Interstate 280 to Blossom Hill Road	188,000	U.S. Army Corps of Engineers
26174051s	Llagas Creek–Upper, Buena Vista Road to Wright Avenue	65,000	U.S. Army Corps of Engineers
00044026s	San Francisco Bay Shoreline	91,250	USACE, Coastal Conservancy, US Fish & Wildlife, CA Wildlife Conservation, Packard-Hewlett-Goldman-Moore Foundations
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	3,000	U.S. Army Corps of Engineers
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	11,040	San Francisquito Joint Powers Authority (DWR)
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam	1,500	County of San Mateo
40324003s	Upper Penitencia Creek, Coyote Creek to Dorel Drive	102,720	U.S. Army Corps of Engineers
TOTAL		\$ 476,110	

Appendix B - Summary of Capital Expenditures

Expenditure Schedule by Type of Improvement (\$K)

Fund Name	Through FY24 (Actuals)	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36-40	TOTAL
Water Supply	1,372,686	299,759	355,420	411,998	376,667	567,182	728,267	711,312	705,933	689,437	539,827	446,820	694,113	7,899,423
Flood Protection	1,016,375	111,561	137,008	169,508	238,566	124,407	50,060	18,283	16,742	17,516	18,423	18,946	168,703	2,106,097
Water Resources Stewardship	42,495	5,099	13,025	24,371	9,533	8,433	5,049	19,703	17,533	524	549	576	1,235	148,124
Buildings and Grounds	609	12,255	17,742	13,605	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	20,000	96,210
Information Technology	1,017	2,938	2,974	9,430	13,486	13,401	1,432	2,697	1,060	2,548	1,812	3,052	15,778	71,625
TOTAL	2,433,182	431,611	526,167	628,912	642,253	717,422	788,808	755,995	745,268	714,025	564,611	473,395	899,829	10,321,479

CIP Expenditures by Type of Improvement

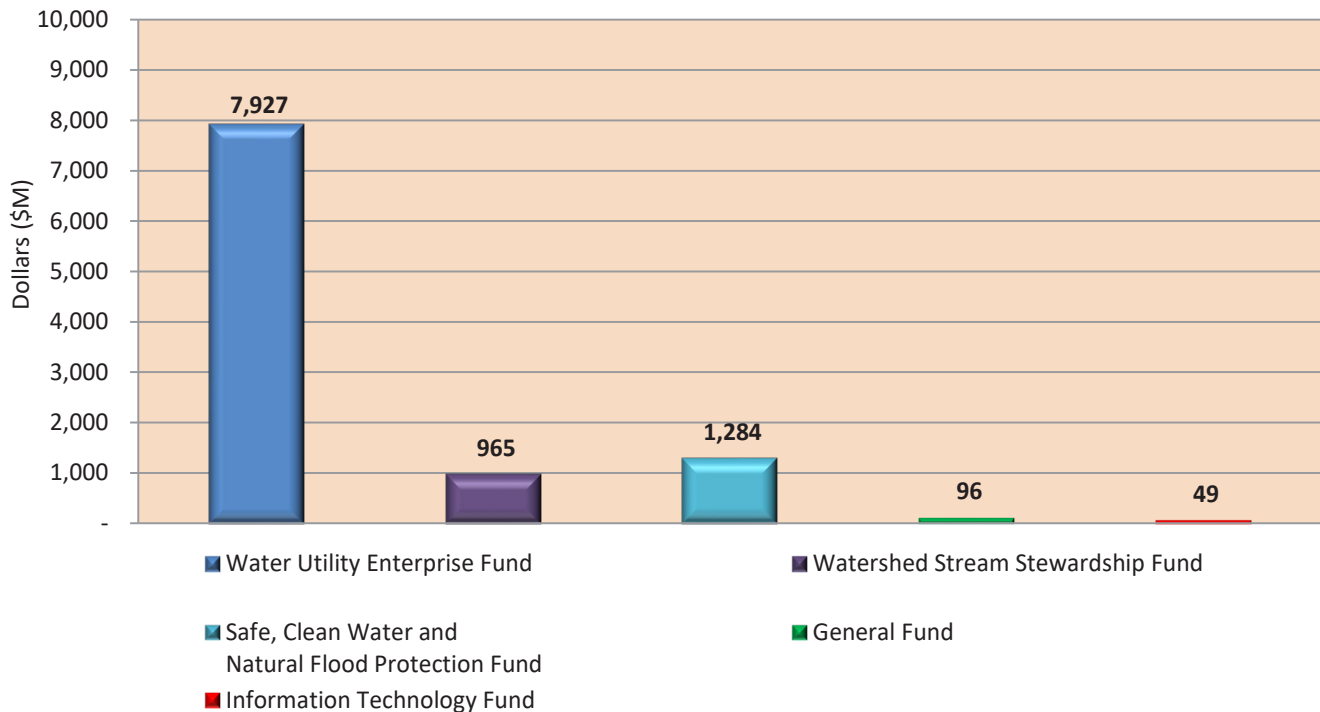


Appendix B - Summary of Capital Expenditures

Expenditure Schedule by Fund (\$K)

Fund Name	Through FY24 (Actuals)	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36-40	TOTAL
Water Utility Enterprise Fund	1,369,346	292,000	348,395	411,003	379,376	567,526	728,919	726,037	719,598	691,087	540,698	448,886	704,200	7,927,072
Watershed Stream Stewardship Fund	393,678	34,516	33,671	21,838	136,643	49,948	46,325	16,795	14,313	14,792	17,115	17,503	168,113	965,249
Safe, Clean Water and Natural Flood Protection Fund	668,532	91,930	125,751	173,036	109,287	82,964	8,783	8,345	6,501	3,249	1,858	2,019	1,825	1,284,080
General Fund	609	12,255	17,742	13,605	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	20,000	96,210
Information Technology	1,017	910	609	9,430	12,946	12,984	780	818	857	898	941	987	5,691	48,868
TOTAL	2,433,182	431,611	526,167	628,912	642,253	717,422	788,808	755,995	745,268	714,025	564,611	473,395	899,829	10,321,479

CIP Expenditures by Fund



Appendix C - Safe, Clean Water Project Schedules

The following table is an overview schedule for Safe, Clean Water Capital Projects identified in the FY 2026-30 CIP. Detailed information for each project can be found in this document in their respective chapters in the order presented in this table.

Safe, Clean Water Capital Improvement Project Schedules

Project Number	PROJECT NAME	FY05 - FY09	FY10 - FY14	FY15 - FY19	FY20 - FY24	FY25 - FY29	FY30 - FY34
WATER SUPPLY							
91864005	Anderson Dam Seismic Retrofit (C1)						
26764001	IRP2 Additional Line Valves (A3)						
FLOOD PROTECTION							
26244001	Permanente Creek, SF Bay to Foothill Expressway						
26284002	San Francisquito Creek - Construction, SF Bay to Middlefield Road (E5)						
26074002	Sunnyvale East and West Channels (E2)						
26154002	Guadalupe Rv-Upper, I-280 to SPRR (Reach 6) (E8)						
26154003	Guadalupe Rv-Upper, SPRR-Blossom Hill (Reaches 7-12) (E8)						
26174041	Berryessa Ck, Calaveras-I-680 - Corps						
26174043	Coyote Creek, Montague Expressway to Tully Road (E1)						
26324001	Upper Penitencia Ck, Coyote Ck-Dorel Dr, Corps (E4)						
26174051	Llagas Creek-Upper, LERRD's (E6b)						
26174052	Llagas Creek-Upper, USACE Coordination (E6a)						
26174054	Llagas Creek-Upper, Design (E6)						
26174055	Llagas Creek-Upper, Phase 2B Construction (E6)						
26444002	San Francisco Bay Shoreline - EIAs 1-4 (E7)						
26444004	San Francisco Bay Shoreline - EIAs 5-9 (E7)						
26444005	San Francisco Bay Shoreline - EIA 11 Design & Partial Construction (E7)						
WATER RESOURCES STEWARDSHIP							
26164001	Hale Creek Enhancement Pilot Study (D6.1)						
26044002	SCW Fish Passage Improvements (D4.3)						
26044056	SCW Regnart Creek Rehabilitation (F8)						
26044003	SCW Ogier Ponds Separation (D4.2)						
26044004	Bolsa Road Fish Passage Improvements (D6.2)						
26044005	SCW D4.3 Fish Passage Improvements (Moffett)						

*Safe, Clean, Water (SCW) and Capital Improvement Program (CIP) schedules may vary slightly due to the definition of project completion by each program.

	Planning Phase
	Design Phase
	Construction Phase
	Close-out Phase

Appendix D - Operating Cost Impacts

WATER SUPPLY

26764001 IRP2 Additional Line Valves (A3)

The completion of this project is anticipated to increase annual operating costs by approximately \$28,000 per year, beginning in FY28.

95084008 Santa Clara and Campbell Distributary Inspection & Rehabilitation

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95084007 Milpitas Pipeline Inspection & Rehabilitation

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95084006 Santa Teresa Force Main Inspection & Rehabilitation

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95084005 Penitencia Delivery Main and Force Main Inspection & Rehabilitation

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95084004 East Pipeline Inspection & Rehabilitation

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95084003 Pipeline Maintenance Program

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

91084019 Dam Seismic Stability Evaluation

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

91084020 Calero and Guadalupe Dams Seismic Retrofits - Planning

This project number is for planning phase work and has no operating cost impacts.

91094001 Land Rights - South County Recycled Water Pipeline

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

Appendix D - Operating Cost Impacts

91094009 South County Recycled Water Pipeline - Short-Term Implementation Phase 1B

The completion of this project is anticipated to increase annual operating costs by approximately \$33,000 per year, beginning in FY27.

91094010 South County Recycled Water Pipeline - Short-Term Implementation Phase 2

This project number is for supporting developers and has no operating cost impacts.

91214010 Small Capital Improvements, San Felipe Reach 1

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

91224010 Small Capital Improvements, San Felipe Reach 2

This project number is for future work and has no operating cost impacts.

91234002 Coyote Pumping Plant ASD Replacement

The completion of this project is anticipated to decrease annual operating costs by approximately \$60,000 per year, beginning in FY28.

91234010 Small Capital Improvements, San Felipe Reach 3

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

91294001 San José Purified Water Project (SJPWP) - Phase 1

The completion of this project will include a operations and maintenance agreement which is anticipated to increase annual operating costs by approximately \$2,000,000 per year, beginning in FY29.

91854001 Almaden Dam Improvements

The completion of this project is anticipated to decrease annual operating costs by approximately \$2,000 per year, beginning in FY31.

91854003 Almaden Calero Canal Rehabilitation

The completion of this project is anticipated to decrease annual operating costs by approximately \$2,000 per year, beginning in FY28.

91864005 Anderson Dam Seismic Retrofit (C1)

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the overall modes of operation.

Appendix D - Operating Cost Impacts

91864006 Anderson Dam Tunnel Project

Operating cost impacts are currently being determined and will be identified at the end of FY25.

91864007 Coyote Creek Flood Management Measure

The completion of this project is anticipated to increase annual operating costs by approximately \$425,000 per year, beginning in FY28.

91864008 Coyote Creek Chillers

The completion of this project is anticipated to increase annual operating costs by approximately \$250,000 per year, beginning in FY25.

91864009 Coyote Percolation Dam Replacement

The completion of this project is anticipated to have annual operating costs of approximately \$50,000 per year, beginning in FY26.

91864010 Cross Valley Pipeline Extension

The completion of this project is anticipated to increase annual operating costs by approximately \$75,000 per year, beginning in FY25.

91874004 Calero Dam Seismic Retrofit - Design & Construction

The completion of this project is anticipated to have annual operating cost of approximately \$300,000 per year, beginning in FY35.

91884003 Coyote Dam Seismic Stability

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the overall mode of operation.

91894002 Guadalupe Dam Seismic Retrofit - Design & Construct

The completion of this project is anticipated to have annual operating cost of approximately \$300,000 per year, beginning in FY35.

91954002 Pacheco Reservoir Expansion Project

Operating cost impacts are anticipated to be approximately \$2,500,000 per year, beginning in FY36.

92144001 Pacheco/Santa Clara Conduit Right of Way Acquisition

The completion of this project is anticipated to increase annual operating costs by approximately \$8,000 per year, beginning in FY26.

Appendix D - Operating Cost Impacts

92264001 Vasona Pump Station Upgrade

The completion of this project is anticipated to decrease annual operating costs by approximately \$70,000 per year, beginning in FY29.

92304001 Almaden Valley Pipeline Replacement Project

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

92764009 Small Capital Improvements, Raw Water Transmission

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

93044001 WTP Master Plan Implementation Project

This project number is for master plan work only and has no operating cost impacts.

93084004 Water Treatment Plant Electrical Improvement

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

93234044 PWTP Residuals Management

The completion of this project is anticipated to have an annual operating cost of approximately \$650,000 per year, beginning in FY30.

93284013 STWTP Filter Media Replacement Project

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

93294051 RWTP FRP Residuals Management Modifications

The completion of this project is anticipated to decrease annual operating costs by approximately \$200,000 per year, beginning in FY24.

93294057 RWTP Reliability Improvement

The completion of this project is anticipated to increase annual operating costs by approximately \$1.4 million per year, beginning in FY29.

93294059 RWTP Ammonia Storage & Metering Facility Upgrade

The completion of this project is anticipated to have an annual operating cost of approximately \$85,000 per year, beginning in FY28.

Appendix D - Operating Cost Impacts

93764004 Small Capital Improvements, Water Treatment

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

94084007 Treated Water Isolation Valves

The completion of this project is anticipated to increase annual operating costs by approximately \$21,000 per year, beginning in FY29.

94764006 Small Capital Improvements, Treated Water Transmission

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

95044001 Distribution Systems Master Plan Implementation Project

This project number is for master plan work only and has no operating cost impacts.

95044002 SCADA Master Plan Implementation Project

This project number is for master plan work and has no operating cost impacts.

95044004 SMPPI Upgrades - Phase 1

Operating cost impacts are not known at this time, initial costs are anticipated to be determined in FY27 when the project is in design.

95084002 10-Year Pipeline Rehabilitation (FY18-FY27)

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

Appendix D - Operating Cost Impacts

FLOOD PROTECTION

30154019 Lower Guadalupe River Capacity Restoration Project

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project restores the level of service of the facility so current modes of operation can continue.

10244001 Permanente Creek, SF Bay to Foothill Expressway

See project number 26244001 for this project's operating cost impacts.

10394001 Palo Alto Flood Basin Tide Gate Structure Replacement

Annual operating cost impacts are anticipated to remain at approximately \$20,000 per year, beginning in FY27.

40174005 Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd Phs 2

The completion of this project is anticipated to increase annual operating cost by approximately \$250,000 per year, beginning in FY24.

40334005 Lower Penitencia Ck Improvements, Coyote Ck to Berryessa Ck.

The completion of this project is anticipated to increase annual operating costs by approximately \$270,000 per year, beginning in FY26.

50284010 Llagas Creek-Lower, Capacity Restoration, Buena Vista Road to Pajaro River

Operating costs will be determined during the design phase.

62084001 Watersheds Asset Rehabilitation Program (WARP)

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter existing facilities or modes of operation.

26444004 San Francisco Bay Shoreline, EIAs 5-9

No operating cost impacts are anticipated for this project, as it is only funded for the planning phase.

26074002 Sunnyvale East and West Channels

The completion of this project is anticipated to increase annual operating costs by approximately \$210,000 per year, beginning in FY29.

26154002 Guadalupe Rv-Upper, I-280 to SPRR (R6)

The completion of this project is anticipated to increase annual operating costs by approximately \$360,000 per year, beginning in FY21, for mitigation and monitoring labor and equipment, implementation of adaptive management measures, and operations and maintenance in accordance with the USACE Operations and Maintenance Manual.

Appendix D - Operating Cost Impacts

26154003 Guadalupe Rv-Upper, SPRR-Blossom Hill (R7-12)

The completion of this project is anticipated to reduce maintenance requirements and decrease annual operating costs.

26174041 Berryessa Ck, Calaveras-I-680 - Corps

The completion of this project is anticipated to increase annual operating costs by approximately \$153,000 per year, beginning in FY24.

26174043 Coyote Creek, Montague Expressway to Tully Road (E1)

The completion of this project is anticipated to increase annual operating costs by approximately \$770,000 per year beginning in FY28 to FY30 and \$1,200,000 per year beginning in FY31.

26174051 Llagas Creek-Upper, Reimbursable (E6b)

This project number is for tracking reimbursable work and has no operating cost impacts.

26174052 Llagas Creek-Upper, Corps Coordination (E6a)

See Project Number 26174055 for this project's operating costs.

26174054 Llagas Creek-Upper, Design

This project number is for design work and has no operating cost impacts.

26174055 Llagas Creek-Upper, Phase 2B Construction

The completion of this project is anticipated to increase annual operating costs by approximately \$1,500,000 per year, beginning in FY26.

26244001 Permanente Ck, Bay to Foothill Expwy - Clean, Safe Creeks Fund

The completion of this project is anticipated to increase annual operating costs by approximately \$250,000 per year, beginning in FY24.

26284002 San Francisquito Creek - San Francisco Bay to Searsville Dam (E5)

The completion of this project is anticipated to increase annual operating costs by approximately \$250,000 per year, beginning in FY29.

26324001 Upper Penitencia Ck, Coyote Ck-Dorel Dr, Corps (E4)

No operating cost impacts are anticipated from this project, as it is only funded for the planning and design phases.

26444002 San Francisco Bay Shoreline - EIAs 1-4

No operating cost impacts are anticipated from this project, as it is only funded for the planning phase.

Appendix D - Operating Cost Impacts

WATER RESOURCES STEWARDSHIP

40214023 Coyote 10B Freshwater Wetlands

The completion of this project is anticipated to increase annual operating costs by approximately \$9,000 per year, beginning in FY30.

20444002 Pond A4 Resilient Habitat Restoration

No operating cost impacts are anticipated from this project, as it is only for the planning, design and permitting phase effort.

20444001 Calabazas/San Tomas Aquino Creek-Marsh Connection

No operating cost impacts are anticipated from this project, as it is only funded for the planning and design phases.

26044056 SCW Regnart Creek Rehabilitation Project (F8)

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

26044004 Bolsa Road Fish Passage Improvement

The completion of this project is anticipated to increase annual operating costs by approximately \$30,000 per year, beginning in FY28.

26044002 SCW Fish Passage Improvements (D4.3)

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

26164001 Hale Creek Enhancement Pilot Study (D6)

The completion of this project is anticipated to increase annual operating costs by approximately \$10,000 per year, beginning in FY26.

26044005 SCW D4.3 Fish Passage Improvements (Moffett)

The completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

26044003 Ogier Ponds Separation from Coyote Creek (D4.2)

No operating cost impacts are anticipated from this project, as it is only funded for the planning and design phases.

91864011 Coyote Percolation Dam Phase 2

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

Appendix D - Operating Cost Impacts

BUILDING & GROUNDS

60204016 Small Capital Improvements, Facility Management

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

60204022 Security Upgrades & Enhancements

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

60204032 Headquarters Operations Building

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facility or modes of operation.

Appendix D - Operating Cost Impacts

INFORMATION TECHNOLOGY

95274003 Small Capital Improvements, WU Computer Network Modernization

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

73274013 ERP Replacement

Operating costs will be determined during the planning phase.

73274008 Small Capital Projects, Software Upgrades & Enhancements

Completion of this project is not anticipated to increase or decrease annual operating costs, as the project does not significantly alter the existing facilities or modes of operation.

73274009 Data Consolidation

Completion of this project will require a software license agreement which is anticipated to increase annual operating costs by approximately \$100,000 per year, beginning in FY26.

Appendix E - Glossary

Ad Valorem Tax

A tax based on value (e.g., a property tax).

Appropriation

An appropriation is a legal authorization granted by the Santa Clara County Board of Supervisors which allows Valley Water to expend cash and incur obligations for specific purposes. An appropriation is usually limited in amount and the time it may be expended.

ARRA American Recovery and Reinvestment Act

Assessment

The process of setting the official valuation of property for taxation; the valuation placed upon property as a result of this process.

Asset

A probable future economic benefit obtained or controlled by a particular entity as a result of past transactions or events. Examples of assets are cash, receivables, and equipment.

BAO Board Appointed Officer

Benefit Assessment

Determination of the benefits derived from Valley Water activities within particular watersheds and levying a proportionate share of taxes to each parcel subject to voter-approved limitations.

Bonds

Bonds are a long-term source of debt that provides a source of borrowed monies that can be used to pay for specific capital facilities. Bonds are a written promise to pay a specified sum of money at a predetermined date or dates in the future, called the maturity date(s), together with periodic interest at a specific rate.

Capital Expenditure

Capital expenditures fall into several categories. In general, they should create assets or extend the useful lives of existing assets. The work product results in a long-term benefit greater than two years and for budgeting purposes involved a major expenditure of Valley Water resources greater than \$50,000. They can be made with regard to tangible and intangible assets.

The general categories of capital expenditures are: rehabilitation, major repairs, improvements, upgrades, replacements, expansions, and ancillary expenditures.

Capital Projects

Projects are budgeted within the Capital budget and fall within the definition of Capital Expenditures; which means they (1) create or extend the life of an asset, (2) their work products have a useful life of greater than two years, and (3) they involve an expenditure of Valley Water resources in excess of \$50,000.

Certificates of Participation (COP)

A security in the general form of a bond, which evidences a proportionate participation in a flow of lease or other payments between two parties.

CEQA California Environmental Quality Act

CFS Cubic Feet-Per-Second

CIP Capital Improvement Program

Clean, Safe Creeks (CSC)

In November 2000, Santa Clara County voters approved the special parcel tax, the Clean, Safe Creeks and Natural Flood Protection Plan (Clean, Safe Creeks) to address community needs for enhanced stream stewardship and flood protection. The 15-year Clean, Safe Creeks Plan was replaced in its entirety by the Safe, Clean Water and Natural Flood Protection Program, which voters approved in 2012 (2012 Safe, Clean Water).

Cost Center

Cost Centers are separate financial accounting centers in which costs are accumulated because of legal and accounting requirements, the first two digits of a project number identifies the cost center.

COVID-19

Disease caused by novel coronavirus, which caused a pandemic in 2020.

DPR Direct Potable Reuse

DSOD California Division of Safety of Dams

DWR State Department of Water Resources

EIA Economic Impact Analysis

EIR Environmental Impact Report

Encumbrances

Commitments related to unperformed (executory) contracts for goods or services. Encumbrances represent

Appendix E - Glossary

the estimated amount of expenditures that will result if unperformed contracts in process are completed.

Enterprise Fund

Enterprise Funds are used to account for operations including debt service (a) that are financed and operated in a manner similar to private business, where the intent of the government body is that the costs (expenses, including depreciation) of providing goods or services to the general public on an accounting basis is financed or recovered primarily through user charges; or (b) where the governing body has determined that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control accountability, or other purposes.

EPA Environmental Protection Agency

ERP Enterprise Resource Planning

Expenditure/Expense

Decreases in net financial resources. Expenditures include current operating expenses requiring the present or future of net current assets, debt service and capital outlays, and intergovernmental grants, entitlements, and shared revenues. The major expenditure categories used by Valley Water are labor and overhead, land and structures, equipment, and debt service.

Facility

Defined as a creek, reservoir, dam, water treatment plant, pipeline, canal, etc.

FAHCE Fisheries and Aquatic Habitat Collaborative Effort

FERC Federal Energy Regulatory Commission

Fixed Assets

Fixed Assets are defined as long-lived tangible assets such as automobiles, computers and software, furniture, communications equipment, hydrologic equipment, office equipment, and other equipment, with a value of \$2,000 or more, or the combined value of like or related units (aggregate value) is greater than \$5,000 if the unit value is less than \$2,000.

Fiscal Year

A 12-month period to which the annual operating budget applies and at the end of which a government determines its financial position and the results of its operations. Valley Water's fiscal year is July 1 through June 30.

FOCP Federal Energy Regulatory Commission Order Compliance Project

Fund

A fiscal and accounting entity with a self-balancing set of accounts in which cash and other financial resources, all related liabilities and residual equities, or balances, and changes therein, are recorded and segregated to carry on specific activities or attain certain objectives in accordance with special regulations, restrictions or limitations.

General Fund

A fund used to account for major operating revenues and expenditures, except for those financial transactions that are required to be accounted for in another fund. General Fund revenues are derived primarily from property and other taxes.

Grants

Contributions or gifts of cash or other assets from another government entity to be used or expended for a specified purpose, activity, or facility.

HVAC Heating, Ventilation, and Air Conditioning

IPR Indirect Potable Reuse

JPA Joint Power Authority

KPI

Each project under the Safe, Clean Water Program has Key Performance Indicators (KPIs) that define the deliverables that are Valley Water's commitment to the voters. Safe, Clean Water Projects may have multiple KPIs and each KPI may result in separate or multiple projects within the Capital Improvement Program.

LERRD Lands, Easements, Rights-of-Way, Relocation, and Disposal

Levy

(1. Verb) To impose taxes, special assessments, or service charges for the support of government activities;

(2. Noun) The total amount of taxes, special assessments, or service charges imposed by a government agency.

Long-Term Debt

Debt with a maturity date of more than one year after the date of issuance.

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Measure S

In November 2020, voters in Santa Clara County overwhelmingly approved Measure S, a renewal of Valley Water's Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program) that voters had approved in 2012. Unlike the first two special parcel taxes, which were set to sunset in 15-years from the date of implementation, the renewed Safe, Clean Water Program will continue until repealed by voters or until the Board determines the funding is no longer needed.

MGD Million Gallons per Day

One-Percent Flood or 100-Year Flood

Has a 1% chance of occurring in a given year. Valley Water projects are usually designed for the 1% flood, a national standard established by the Federal Emergency Management Agency (FEMA).

Operating Expenditure

Operating expenditures are system costs required for the daily process of providing water and watershed management services, including the administrative and overhead costs to support these services.

Operating expenditures are costs necessary to maintain the systems in good operating condition. This includes the repair and replacement of minor components. The American Waterworks Association (AWWA) says that these components should be smaller than a retirement unit; a retirement unit is a readily separable and separately useful item that is part of a larger assembly. The benefit and life of such repairs should be less than two years. Any repairs that recur on an annual basis are considered operating activities of a maintenance nature.

Operating expenditures are often separated into fixed and variable costs for purposes of understanding operating leverage and structuring service charge rates.

Operations

Expenditures required for the daily process of providing water and watershed management services, including the administrative and overhead costs to support these services. Operations include work that is generally of an ongoing or recurring nature. Any Valley Water work that is not a project is, by definition, an Operation. Operations, although recurring, require close coordination and a high degree of management oversight; however, they can be accomplished

without the application of the full range of tools and processes used for managing projects.

P3 Public Private Partnership

Projects

At Valley Water, a project is any undertaking which has (1) a beginning and an ending, and (2) is a one-time occurrence. Projects can require expenditure of capital or operating funds and, at Valley Water, are called Capital or Operating Projects, accordingly. Project usually, but not always, relate to a Valley Water facility or facilities (a creek, a reservoir, a dam, a water treatment plant, a pipeline, etc.). Projects may include studies, design, construction, maintenance, or implementation of systems such as a Records Management or Financial Management System.

Revenue

Monies Valley Water receives in exchange for services or sales provided. Revenue items include water sales, property tax revenues, benefit assessment revenues, interest income, intergovernmental reimbursement, and other.

Revenue Bonds

Bonds, whose principal and interest are payable exclusively from earnings of an enterprise fund. In addition to a pledge of revenues, such bonds sometimes contain a mortgage on the enterprise fund's property.

Reserve

An account used to indicate that a portion of a fund's assets are legally restricted for a specific purpose and is, therefore, not available for general appropriation.

SCADA

Supervisory Control and Data Acquisition

SCRWA

South County Regional Wastewater Authority

Safe, Clean Water (SCW)

In November 2012, Santa Clara County voters approved the Safe, Clean Water and Natural Flood Protection Program (2012 Safe, Clean Water) to address water supply, flood protection and environmental stewardship priorities. In 2020, voters approved the renewal of the Safe, Clean Water Program, replacing the 2012 Safe, Clean Water Program in entirety. The renewed Safe, Clean Water came into effect in FY 2021-22. Unlike the first two special parcel taxes,

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which were set to sunset in 15-years from the date of implementation, the renewed Safe, Clean Water Program will continue until repealed by voters or until the Board determines the funding is no longer needed. Note that the schedules shown in the CIP Five-Year Plan for SCW projects are based on planned expenditures, while SCW Annual Reports reflect schedules that are based upon milestone completion. Please visit <https://www.valleywater.org/safe-clean-water-and-natural-flood-protection-program> for additional information regarding the capital projects under the SCW Program and for information regarding the SCW Program's Change Control Process, Annual Reports, and Independent Monitoring Committee Review.

SMP Stream Maintenance Program

WIFIA Water Infrastructure Finance and Innovation Act

WTP Water Treatment Plant

WQL Water Quality Lab