

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2022 5-Year CIP Data

FINAL CIP FINANCIAL OVERVIEW

Number	Project Name	A	B	A + B		Project Phase (FY22)
		Actual/ Appropriated thru FY21*	Remaining Cost to Completion	FY22 Plnd Expnd	FY22-36 Project Value	Change from FY21

Values last updated: 4/29/2021 (All values are in thousands)

FY 2022 - 2026 CIP

Water Supply - Storage

91854001	Almaden Dam Improvements	14,426	51,586	105	66,012	(1,435)	Design
91864005	Anderson Dam Seismic Retrofit (C1)	99,075	548,315	126,937	647,390	71,145	Design
91084020s	Calero and Guadalupe Dams Seismic Retrofits	33,075	228,391	3,051	261,466	794	Plng/Des
91084020	Calero and Guadalupe Dams Seismic Retrofits - Planning	11,040	2,461	1,970	13,501	71	Planning
91874004	Calero Dam Seismic Retrofit - Design & Construct	12,194	152,259	209	164,453	(3,620)	Design
91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	9,841	73,671	872	83,512	4,343	Design
91234002	Coyote Pumping Plant ASD Replacement	2,377	13,190	1,608	15,567	75	Planning
91234011	Coyote Warehouse	9,644	139	73	9,783	(7)	Const/Closeout
91084019	Dam Seismic Stability Evaluation	22,235	9,080	418	31,315	864	Planning
91954002	Pacheco Reservoir Expansion Project (A1)	80,149	2,439,775	30,676	2,519,924	1,174,575	Plng/Des
91214010s	Small Capital Improvements, San Felipe Reach 1-3	5,724	75,879	4,517	81,603	37,458	Continuing
Subtotal:		266,705	3,366,355	167,385	3,633,060	1,022,797	

Water Supply - Transmission

95084002	10-Year Pipeline Rehabilitation (FY18-FY27)	67,598	73,507	20,879	141,105	29,535	Plng/Des/Const
92304001	Almaden Valley Pipeline Replacement Project	668	89,362	828	90,030	353	Planning
95044001	Distribution Systems Implementation Project	2,000	5,909	3,241	7,909	(338)	Planning
92C40357	FAHCE Implementation	-	145,108	-	145,108	-	Planning
26764001	IRP2 Additional Line Valves (A3)	2,121	9,913	315	12,034	96	Design
26564001	Main & Madrone Pipelines Restoration (A1)	17,570	-	-	17,570	-	Closeout
92144001	Pacheco/Santa Clara Conduit Right of Way Acquisition	3,329	1,973	1,662	5,302	(107)	Design/Const
95044002	SCADA Implementation Project	1,365	5,115	2,384	6,480	(295)	Design/Const
92764009	Small Capital Improvements, Raw Water Transmission	82	11,810	169	11,892	3,293	Continuing
94764006	Small Capital Improvements, Treated Water Transmission	-	531	36	531	(145)	Continuing
94084007	Treated Water Isolation Valves	26	8,657	991	8,683	(462)	Design
92264001	Vasona Pump Station Upgrade	3,123	20,621	717	23,744	(43)	Planning
94084008	Westside Retailer Interties	72	-	-	72	(1,928)	Planning
Subtotal:		97,954	372,506	31,222	470,460	29,959	

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Values last updated: 4/29/2021 (All values are in thousands)							
Water Supply - Treatment							
93234044	PWTP Residuals Management	683	43,609	1,593	44,292	34,549	Planning
93294051s	RWTP Residuals Remediation	39,422	25,169	15,745	64,591	(172)	Construction
93294057	RWTP Reliability Improvement	251,648	108,226	20,841	359,874	18,536	Construction
93294056	RWTP Treated Water Valves Upgrade	8,619	11	11	8,630	1	Const/Closeout
93764004	Small Capital Improvements, Water Treatment	10,285	43,992	7,503	54,277	(1,596)	Continuing
93284013	STWTP Filter Media Replacement Project	647	9,453	2,813	10,100	(355)	Planning
93084004	Water Treatment Plant Electrical Improvement Project	649	11,267	879	11,916	(73)	Planning
93044001	WTP Implementation Project	1,394	6,744	3,276	8,138	(443)	Planning
Subtotal:		313,347	248,471	52,661	561,818	50,447	
Water Supply - Recycled Water							
91304001s	Expedited Purified Water Program (EPWP)	25,323	592,472	2,926	617,795	(86,518)	Planning
91094001	Land Rights - South County Recycled Water PL	-	7,561	548	7,561	(89)	Planning
91094007s	South County Recycled Water Pipeline	36,447	20,289	15,387	56,736	(258)	Des/Const
Subtotal:		61,770	620,322	18,861	682,092	(86,865)	
Water Supply Total:		739,776	4,607,654	270,129	5,347,430	1,016,338	

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Validated - Future Unfunded Projects

92404003	Alamitos Diversion Dam Improvements	1,811	2,345	-	4,156		**
92484003	Coyote Diversion Dam Improvements	436	2,138	-	2,574		**
91C40320	Dam Seismic Retrofit at 2 Dams (Chesbro & Uvas)	-	89,500	-	89,500		
93C40417	RWTP Ammonia Storage & Metering Facility Upgrade	279	5,851	-	5,851		
91C40389	Long-Term Purified Water Program Elements	-	207,125	-	207,125		FY23
91C40395	So. County Recycled Water New Storage Tank	1,000	7,000	-	8,000		
Validated - Unfunded Total:		3,526	313,959	-	317,206		

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Blue - Blue Text: New projects proposed for the FY 22 CIP

*

- Column A: Actuals spent through prior year + planned expenditures in current year

- Planning completed

FINAL FY2022 - 26 CIP

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax,
Property Tax, Subventions

FINAL CIP FINANCIAL OVERVIEW

FY 2022 5-Year CIP Data

Number	Project Name	A	B	A + B		Project Phase (FY22)
		Actual/ Appropriated thru FY21*	Remaining Cost to Completion	FY22 Plnd Expnd	FY22-36 Project Value	Change from FY21

Values last updated: 4/29/2021 (All values are in thousands)

FY 2022 - 2026 CIP

Lower Peninsula Watershed

10394001	Palo Alto Flood Basin Tide Gate Structure Improvements	3,923	34,371	3,614	38,294	5,529	Plan/Des
10244001s	Permanente Creek, SF Bay to Foothill Expressway	116,039	-	-	116,039	9,149	Const/Closeout
10284007s	San Francisquito Creek, SF Bay thru Searsville Dam (E5)	63,120	43,906	12,721	107,026	17,743	Des/Const
Subtotal:		183,082	78,277	16,335	261,359	32,421	

West Valley Watershed

26074002	Sunnyvale East and West Channels (E2)	20,169	51,321	3,272	71,490	1,055	Design
Subtotal:		20,169	51,321	3,272	71,490	1,055	

Guadalupe Watershed

30154019	Guadalupe River Tasman Dr - I-880	2,919	92,992	2,669	95,911	(3,169)	Planning
26154001s	Guadalupe River—Upper, I-280 to Blossom Hill Road (E8)	110,678	66,538	2,545	177,216	6,801	Des/Const
Subtotal:		113,597	159,530	5,214	273,127	3,632	

FINAL FY2022 - 26 CIP

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax,
Property Tax, Subventions

FINAL CIP FINANCIAL OVERVIEW

FY 2022 5-Year CIP Data

Number	Project Name	Actual/	Remaining	FY22 Plnd	FY22-36	Change	Project Phase
		Appropriated thru FY21*	Cost to Completion	Expnd	Project Value	from FY21	(FY22)
Values last updated: 4/29/2021 (All values are in thousands)							
Coyote Watershed							
26174041s	Berryessa Creek, Calaveras Boulevard to Interstate 680	54,585	-	-	54,585	4	Des/Const
40174004s	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd	119,642	89,284	12,393	208,926	24,294	Des/Const
26174043	Coyote Creek, Montague Expressway to Tully Road (E1)	14,706	48,230	4,126	62,936	(3,394)	Plng/Des
40264011	Cunningham Flood Detention Certification	11,807	31	31	11,838	(4)	Construction
40334005	Lower Penitencia Ck Improvements, Berryessa to Coyote Cks.	11,529	16,704	7,733	28,233	421	Des/Const
40264007s	Lower Silver Creek, I-680 to Cunningham (Reach 4-6)	101,671	107	52	101,778	(791)	Construction
40324003s	Upper Penitencia Creek, Coyote Creek to Dorel Drive	17,877	19,535	2,629	37,412	621	Planning
Subtotal:		331,817	173,891	26,964	505,708	21,151	
Uvas/Llagas Watershed							
50284010	Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River	4,184	9,855	130	14,039	287	Design
26174051s	Llagas Creek–Upper, Buena Vista Avenue to Llagas Road (E6)	168,236	164,685	59,255	332,921	47,885	Construction
Subtotal:		172,420	174,540	59,385	346,960	48,172	
Multiple Watershed							
00044026s	San Francisco Bay Shoreline (E7)	119,785	99,301	24,036	219,086	74,047	Construction
00044026	San Francisco Bay Shoreline	97,664	57,094	21,632	154,758	34,447	Des/Const
26444001	San Francisco Bay Shoreline - EIA 11 Design & Partial Construction (E7)	17,515	-	-	17,515	(1)	Des/Const
26444002	San Francisco Bay Shoreline - EIAs 1-4	3,757	27,705	1,359	31,462	25,099	Planning
26444004	San Francisco Bay Shoreline - EIAs 5-10	-	14,502	1,045	14,502	14,502	Planning
62084001	Watersheds Asset Rehabilitation Program	31,553	151,021	18,719	182,574	(8,311)	Plng/Des/Const
Subtotal:		151,338	250,322	42,755	401,660	(78,454)	
Flood Protection Total:		972,423	887,881	153,925	1,860,304	27,977	

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax,
Property Tax, Subventions

FINAL CIP FINANCIAL OVERVIEW

FY 2022 5-Year CIP Data

Number	Project Name	Actual/ Appropriated thru FY21*	Remaining Cost to Completion	FY22 Plnd Expnd	FY22-36 Project Value	Change from FY21	Project Phase (FY22)	
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Validated - Future Unfunded Projects

None

Validated - Unfunded Total:

-

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FINAL FY2022 - 26 CIP

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges,
Property Tax, Subventions

FINAL CIP FINANCIAL OVERVIEW

FY 2022 5-Year CIP Data

Number	Project Name	A	B	A + B			Project Phase (FY22)
		Actual/ Appropriated thru FY21*	Remaining Cost to Completion	FY22 Plnd Expnd	FY22-36 Project Value	Change from FY21	

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FY 2022 - 2026 CIP

Mitigation (All Mitigation projects are required per CEQA or other Regulation and therefore do not receive a score)

62184001	SMP Mitigation, Stream and Watershed Land Preservation	16,768	-	-	16,768	(1)	Continuing
Subtotal:		16,768	-	-	16,768	(1)	

Environmental Enhancement & Stewardship

Lower Peninsula Watershed

00294001s	Stevens Creek Fish Passage Enhancement	850	18,578	-	19,428	(107)	FY23
26164001	Hale Creek Enhancement Pilot Study (D6.1)	5,025	3,824	3,824	8,849	(143)	Const/Closeout

Guadalupe Watershed

26044001	Almaden Lake Improvements (D4.1a)	6,872	51,326	9,870	58,198	26,427	Design
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Coyote Watershed

00C40400s	Watershed Habitat Enhancement Design & Construction	-	68,333	-	68,333	1,110	FY23
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Multiple Watersheds (Lower Peninsula, Guadalupe, Coyote, Uvas/Llagas)

20444001s	Salt Ponds A5-11 Restoration	5,558	2,288	585	7,846	(4,191)	Planning
26044002	SCW Fish Passage Improvements (D4.3; Evelyn, Singleton)	5,327	1,191	980	6,518	(2,252)	Construction
26044004	Bolsa Road Fish Passage Improvement (D6.2)	-	6,590	2,205	6,590	6,590	Construction
26C40370	SCW Implementation: Fish Passage Improvements (D4)	-	6,813	-	6,813	3,284	Planning
26C40419	SCW Implementation: Restoration of Natural Creek Functions (D6.3)	-	6,658		6,658	6,658	Planning
26044003	Ogier Ponds Separation from Coyote Creek (D4.1b)	1,086	3,044	1,562	4,130	(123)	Planning

Subtotal: 24,718 168,645 19,026 193,363 37,253

Feasibility Studies

62044001	Watershed Habitat Enhancement Studies	4,204	-	-	4,204	596	Plan/Feasibility
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Subtotal: 4,204 - - 4,204 596

Water Resources Stewardship Total: 45,690 168,645 19,026 214,335 31,207

FINAL FY2022 - 26 CIP

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges,
Property Tax, Subventions

FINAL CIP FINANCIAL OVERVIEW

FY 2022 5-Year CIP Data

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Validated - Future Unfunded Projects

Stewardship

None

- - - -

Validated - Unfunded Total:

- - - -

NOTES:

- 1) Implementation of the Mitigation projects is considered non-discretionary since they are needed to meet California Environmental Quality Act (CEQA) or regulatory commitments. Therefore, a priority score is not required.
- 2) Environmental Enhancement projects are implemented at the discretion of the Board. Projects may go through a ranking process to compete for CSC funds or the board may direct that other available revenue be used to implement the proposed projects.

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FINAL FY2022 - 26 CIP

Buildings and Grounds Projects

Revenue Source: Groundwater Charges,
Property Tax

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FY 2022 - 2026 CIP

60204016	Facility Management, Small Capital Improvements	3,016	40,000	4,000	43,016	10,953	Continuing
60204032	Headquarters Operations Building	19	15,594	2,000	15,613	(802)	Continuing
Buildings & Grounds Total:		3,035	55,594	6,000	58,629	10,151	

Validated - Future Unfunded Projects

60C40363	Fleet and Facility Annex Improvements	920	3,799	-	4,719	-	
Validated - Unfunded Total:		920	3,799	-	4,719	-	

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Information Technology Projects

Revenue Source: Groundwater Charges,
Property Tax

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FY 2022 5-Year CIP Data

Number	Project Name	A	B	A + B			Project Phase (FY22)
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FY 2022 - 2026 CIP

73274009	Data Consolidation	1,158	75	75	1,233	(2)	Construction
73274011	E-Discovery Management System	546	-	-	546	(15)	Const/Closeout
73274001	IT Disaster Recovery	2,396	206	206	2,602	139	Construction
73274002	ERP System Implementation	15,048	2,528	2,280	17,576	198	Construction
73274012	Telephone System Voiceover IP	1,247	1	1	1,248	-	Des/Const
73274008	Software Upgrades & Enhancements	4,055	11,317	345	15,372	(1,699)	Des/Const
95274003	WTP-WQL Network Equipment	2,908	8,648	89	11,556	(507)	Construction
Information Technology Total:		27,358	22,775	2,996	50,133	(1,886)	

Validated - Future Unfunded Projects

None	-	-	-	-
Validated - Unfunded Total:	-	-	-	-

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Information Technology Projects

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CIP GRAND TOTAL:

1,788,282	5,742,549	452,076	7,530,831	1,083,787
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PROJECT DRIVER TOTALS:

A	B	C	D	E
5	28	24	-	16

Project Driver Legend:

- A. Regulatory requirements
- B. Repair or replacement of aging infrastructure
- C. District commitment (SCW, FAHCE)
- D. Water Utility Master Plan "No Regrets"
- E. Board Policy

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