

SIX-YEAR CIP PROJECTS BY SOURCE AND FUND (\$1,000s)

EXPANSION

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
P2040	(1),(3) Res - 1655-1 Reservoir 0.5 MG	\$ 8	\$ 85	\$ 163	\$ 372	\$ 481	\$ 395	\$ 1,504
P2494	Multiple Species Conservation Plan	25	25	20	-	-	-	70
P2595	PL - 16-inch, 624 Zone, Village 3N - Heritage Road, Main St/Energy Way	1	1	1	1	145	1	150
P2642	(3) Rancho Jamul Pump Station Replacement	2	2	51	225	326	155	760
R2084	(1) RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	1	1	1	1	1	358	363
S2069	(3) Cottonwood Sewer Pump Station Renovation	19	38	63	175	200	75	569
S2071	(3) San Diego Metro Wastewater Capital Improvements	14	17	17	27	34	34	143
Total Expansion		\$ 69	\$ 168	\$ 316	\$ 801	\$ 1,186	\$ 1,018	\$ 3,558
	Potable	\$ 35	\$ 113	\$ 235	\$ 598	\$ 951	\$ 551	\$ 2,483
	Recycled	1	1	1	1	1	358	363
	Sewer	32	55	80	202	234	109	712
	Total Expansion	\$ 69	\$ 168	\$ 316	\$ 801	\$ 1,186	\$ 1,018	\$ 3,558

BETTERMENT

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
P2040	(1),(3) Res - 1655-1 Reservoir 0.5 MG	17.3	189.8	362.3	828.0	1,069.5	879.8	3,347
P2451	(3) Otay Mesa Desalination Conveyance and Disinfection System	4	7	7	7	7	69	100
P2521	Large Meter Vault Upgrade Program	75	75	60	50	-	-	260
P2578	(1) PS - 711-2 (PS 711-1 Replacement and Expansion) - 14,000 gpm	8	85	209	806	1,581	1,581	4,270
P2619	(1) PS - Temporary Lower Otay Pump Station Redundancy	345	138	138	-	-	-	621
P2626	803-4 Reservoir Water Quality Improvements – PAX System Purchase	25	50	50	25	-	-	150
P2630	624-3 Reservoir Automation of Chemical Feed System	25	175	300	5	65	50	620
P2642	(3) Rancho Jamul Pump Station Replacement	4	4	114	500	725	345	1,691
P2652	520 to 640 Pressure Zone Conversion	60	85	10	10	10	55	230
P2653	1200 Pressure Zone Improvements	150	200	75	-	-	-	425
P2654	Heritage Road Interconnection Improvements	10	85	85	-	-	-	180
P2656	Regulatory Site Desilting Basin Improvements	30	100	-	-	-	-	130
P2658	832-1 Pump Station Modifications	50	100	50	-	190	200	590
P2664	Otay Mesa Dual Piping Modification Program	55	50	50	50	50	90	345
P2668	Implementation of PS/capture Software for Accounts Payable Invoice	25	-	-	-	-	-	25
P2669	Fuel Tank Safety and Integrity	26	35	39	-	-	-	100
P2674	System Pressure Reducing Program	50	10	10	10	10	10	100
R2117	RWCWRF Disinfection System Improvements	240	1,000	240	20	-	-	1,500
R2120	(1) RWCWRF Filtered Water Storage Tank Improvements	400	225	25	-	-	-	650
R2157	RWCWRF Backwash Supply Pumps Upgrade	25	35	13	3	-	-	75
S2024	(2) Campo Road Sewer Main Replacement	5	3	3	-	-	-	10
S2043	(3) RWCWRF Sludge Handling System	1	1	1	1	1	50	55
S2047	Asset Management - Info Master Sewer Implementation	5	5	9	-	-	-	19
S2069	Cottonwood Sewer Pump Station Renovation	19	38	63	175	200	75	569
S2070	Hidden Mountain Sewer Pump Station Wet Well Renovation	5	-	-	-	-	-	5
S2071	(3) San Diego Metro Wastewater Capital Improvements	26	33	33	53	66	66	277
Total Betterment		\$ 1,684	\$ 2,728	\$ 1,945	\$ 2,543	\$ 3,974	\$ 3,471	\$ 16,344
	Potable	\$ 958	\$ 1,389	\$ 1,559	\$ 2,291	\$ 3,707	\$ 3,280	\$ 13,184
	Recycled	665	1,260	278	23	-	-	2,225
	Sewer	61	79	108	229	267	191	935
	Total Betterment	\$ 1,684	\$ 2,728	\$ 1,945	\$ 2,543	\$ 3,974	\$ 3,471	\$ 16,344

(1) Partially funded by 2018A Water Revenue Bonds.

(2) Project may be funded with Sewer Debt proceeds.

(3) Project expenditures go beyond FY 2026. See project detail sheet for more information.

SIX-YEAR CIP PROJECTS BY SOURCE AND FUND (\$1,000s)

REPLACEMENT

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
P2083	(1) PS - 870-2 Pump Station Replacement	46	2	2	-	-	-	50
P2174	(1) PS - 1090-1 Pump Station Upgrade	375	850	525	120	-	-	1,870
P2282	(3) Vehicle Capital Purchases	315	405	250	200	210	200	1,580
P2286	(3) Field Equipment Capital Purchases	57	60	60	60	60	60	357
P2405	(1),(3) PL - 624/340 PRS, Paseo Ranchero and Otay Valley Road	25	150	425	500	200	140	1,440
P2451	(3) Otay Mesa Desalination Conveyance and Disinfection System	-	-	-	-	-	-	-
P2453	(1),(3) SR-11 Utility Relocations	50	100	100	150	200	300	900
P2460	I.D. 7 Trestle and Pipeline Demolition	50	150	350	70	90	17	727
P2485	SCADA - Infrastructure and Communications Replacement	100	95	25	-	-	-	220
P2508	Pipeline Cathodic Protection Replacement Program	10	-	-	-	-	-	10
P2516	(1) PL - 12-Inch, 640 Zone, Jamacha Road - Darby/Osage	-	-	75	125	400	400	1,000
P2533	1200-1 Reservoir Interior & Exterior Coating	400	350	310	5	50	120	1,235
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	40	40	20	-	-	-	100
P2543	850-1 Reservoir Interior/Exterior Coating	375	400	300	5	5	115	1,200
P2546	980-2 Reservoir Interior/Exterior Coating	15	-	-	-	-	-	15
P2553	(1),(3) Heritage Road Bridge Replacement and Utility Relocation	25	25	25	425	1,350	1,700	3,550
P2555	Administration and Operations Parking Lot Improvements	30	-	-	-	-	-	30
P2561	(1) Res - 711-3 Reservoir Cover/Liner Replacement	30	-	-	-	-	-	30
P2562	Res - 571-1 Reservoir Cover/Liner Replacement	10	1	1	1	86	86	185
P2563	(3) Res - 870-1 Reservoir Cover/Liner Replacement	5	5	5	5	5	150	175
P2565	803-2 Reservoir Interior/Exterior Coating & Upgrades	10	10	5	5	5	165	200
P2567	1004-2 Reservoir Interior/Exterior Coating & Upgrades	-	20	850	40	5	235	1,150
P2571	Data Center Network Data Storage and Infrastructure Enhancements	130	130	30	-	-	-	290
P2572	(3) Enterprise Resource Planning (ERP) Replacement	80	50	-	-	-	-	130
P2573	(3) PL - 12-Inch Pipeline Replacement, 803 Zone, Hillsdale Road	4	4	-	-	-	-	8
P2574	(1) PL - 12-Inch Pipeline Replacement, 978 Zone, Vista Vereda	5	-	-	-	-	-	5
P2578	(1),(3) PS - 711-2 (PS 711-1 Replacement and Expansion) - 14,000 gpm	17	190	466	1,794	3,519	3,519	9,505
P2584	(3) Res - 657-1 and 657-2 Reservoir Demolitions	-	-	-	-	-	50	50
P2593	458-1 Reservoir Interior/Exterior Coating & Upgrades	10	895	110	5	30	-	1,050
P2594	Large Meter Replacement	1	1	1	77	25	60	165
P2604	AMR Change-Out	250	250	40	-	-	-	540
P2605	(1) 458/340 PRS Replacement, 1571 Melrose Ave	60	325	225	40	-	-	650
P2607	Douglas Ave SWA and OWD Interconnection Upgrade	45	-	-	-	-	-	45
P2608	(1) PL - 8-inch, 850 Zone, Coronado Ave, Chestnut/Apple	200	50	100	300	400	695	1,745
P2609	(1) PL - 8-inch, 1004 Zone, Eucalyptus St, Coronado/Date/La Mesa	900	165	25	300	400	110	1,900
P2610	(3) Valve Replacement Program - Phase 1	100	175	400	400	400	400	1,875
P2611	(1),(3) Quarry Road Bridge Replacement and Utility Relocation	25	10	10	10	10	210	275
P2612	(1) PL - 12-inch, 711 Zone, Paso de Luz/Telegraph Canyon Rd	75	500	350	90	55	60	1,130
P2614	485-1 Reservoir Interior/Exterior Coating	-	-	20	800	200	130	1,150

(1) Partially funded by 2018A Water Revenue Bonds.

(2) Project may be funded with Sewer Debt proceeds.

(3) Project expenditures go beyond FY 2026. See project detail sheet for more information.

SIX-YEAR CIP PROJECTS BY SOURCE AND FUND (\$1,000s)

REPLACEMENT, CONTINUED

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
P2615	(1), (3) PL - 12-Inch Pipeline Replacement, 803 PZ, Vista Grande	10	250	600	1,500	100	150	2,610
P2616	(1) PL - 12-Inch Pipeline Replacement, 978 Zone, Pence Dr/Vista Sierra Dr	425	1,100	1,400	900	25	150	4,000
P2617	Lobby Security Enhancements	20	20	20	20	-	-	80
P2623	Central Area to Otay Mesa Interconnection Pipelines Combination Air/Var	30	300	10	-	-	-	340
P2625	(1) PL - 12-inch, 978 Zone, Hidden Mesa Road	10	-	-	-	-	-	10
P2627	(1) 458/340 PRS Replacement, 1505 Oleander Ave	60	325	225	15	-	-	625
P2631	1485-2 Reservoir Interior/Exterior Coating & Upgrades	-	-	5	40	500	705	1,250
P2638	Buildings and Grounds Refurbishments	25	50	14	-	-	-	89
P2639	Vista Diego Hydropneumatic Pump Station Replacement	50	150	900	1,500	175	-	2,775
P2640	Portable Trailer Mounted VFD Pumps	30	-	-	-	-	-	30
P2646	North District Area Cathodic Protection Improvements	25	125	325	450	275	-	1,200
P2647	(3) Central Area Cathodic Protection Improvements	5	25	45	275	500	350	1,200
P2648	Otay Mesa Area Cathodic Protection Improvements	200	250	50	40	-	-	540
P2649	HVAC Equipment Purchase	20	15	30	40	-	-	105
P2655	La Presa Pipeline Improvements	180	150	575	550	170	50	1,675
P2657	(3) 1485-1 Reservoir Interior/Exterior Coating & Upgrades	-	-	-	5	25	900	930
P2659	District Boardroom Improvements	20	50	50	-	-	-	120
P2661	Replacement of Backflow Prevention Devices on Pipeline Interconnector	75	75	75	75	65	5	370
P2662	(3) Potable Water Meter Change Out	-	-	20	30	1,900	2,000	3,950
P2663	(3) Potable Water Pressure Vessel Program	25	25	375	400	425	425	1,675
P2665	(3) PL - 12-inch Pipeline Replacement, 870 Zone, Cactus Road	5	5	25	25	25	25	110
P2666	(3) Low Head and High Head Pump Stations Demolition	25	25	25	25	50	50	200
P2667	Small Meter Testing Bench	150	100	-	-	-	-	250
P2670	Administration and Operations Roof Repairs and Replacement	5	5	5	5	25	280	325
P2671	980 Reservoirs Altitude Valve Vaults Renovation	120	170	10	-	-	-	300
P2672	District Roof Repairs and Replacement Program	25	25	125	25	75	100	375
P2673	(3) 803-4 Reservoir Interior/Exterior Coating	-	-	-	-	-	30	30
P2675	458-1 and 458-2 Reservoir Site Pavement Refurbishment	5	55	250	100	40	-	450
R2121	Res - 944-1 Reservoir Cover/Liner Replacement	5	5	30	50	2,000	289	2,379
R2143	AMR Change-Out	130	35	25	-	-	-	190
R2144	RWCWRF Roofing Replacement and Natural Light Enhancement (R)	100	40	35	-	-	-	175
R2146	Recycled Pipeline Cathodic Protection Improvements	25	25	150	250	200	25	675
R2147	RWCWRF Fuel Lines Replacement	2	5	-	-	-	-	7
R2148	(2) Large Meter Replacement - Recycled	10	9	8	8	8	-	43
R2152	(3) Recycled Water Meter Change-Out	-	-	10	10	50	60	130
R2153	Recycled Water Pressure Vessel Program	1	1	1	1	1	45	50
R2154	RWCWRF Entrance Storm Water Improvements (R)	115	10	-	-	-	-	125
R2156	(3) RecPL - 14-inch RWCWRF Effluent Force Main Improvements	250	65	10	10	25	140	500
R2157	RWCWRF Backwash Supply Pumps Upgrade	75	105	38	8	-	-	225
R2158	RWCWRF Stormwater Pond Improvements (R)	40	95	30	10	-	-	175
S2012	(3) San Diego County Sanitation District Outfall and RSD Outfall	5	5	125	125	125	150	535
S2024	(2) Campo Road Sewer Main Replacement	5	3	3	-	-	-	10

(1) Partially funded by 2018A Water Revenue Bonds.

(2) Project may be funded with Sewer Debt proceeds.

(3) Project expenditures go beyond FY 2026. See project detail sheet for more information.

SIX-YEAR CIP PROJECTS BY SOURCE AND FUND (\$1,000s)

REPLACEMENT, CONTINUED

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
S2049	Calavo Basin Sewer Rehabilitation - Phase 2	25	190	450	300	20	-	985
S2050	(3) Rancho San Diego Basin Sewer Rehabilitation - Phase 2	5	5	10	20	180	800	1,020
S2054	(3) Calavo Basin Sewer Rehabilitation - Phase 3	-	-	-	-	10	100	110
S2060	(3) Steele Canyon Pump Station Replacement	-	-	-	10	40	250	300
S2061	RWCWRF Aeration Controls Consolidation & Optimization Upgrades (S)	50	100	40	-	-	-	190
S2066	(3) Rancho San Diego Basin Sewer Rehabilitation - Phase 3	-	-	-	-	5	25	30
S2067	RWCWRF Roofing Replacement and Natural Light Enhancement (S)	75	75	24	-	-	-	174
S2069	(3) Cottonwood Sewer Pump Station Renovation	38	75	125	350	400	150	1,138
S2072	(3) RWCWRF Rotary Screen Replacement	1	1	1	1	11	100	115
S2073	RWCWRF Entrance Storm Water Improvements (S)	115	10	-	-	-	-	125
S2074	RWCWRF Stormwater Pond Improvements (S)	40	95	30	10	-	-	175
S2075	(3) Field Equipment Capital Purchases	25	25	25	25	100	100	300
Total Replacement		\$ 6,552	\$ 9,681	\$ 11,433	\$ 12,735	\$ 15,255	\$ 16,376	\$ 72,031
	Potable	\$ 5,415	\$ 8,703	\$ 10,264	\$ 11,547	\$ 12,080	\$ 14,142	\$ 62,151
	Recycled	753	395	337	347	2,284	559	4,674
	Sewer	384	584	833	841	891	1,675	5,207
	Total Replacement	\$ 6,552	\$ 9,681	\$ 11,433	\$ 12,735	\$ 15,255	\$ 16,376	\$ 72,031

NEW SUPPLY

CIP No	CIP Project Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
P2451	(3) Otay Mesa Desalination Conveyance and Disinfection System	2	3	3	3	3	31	45
P2619	(1) PS - Temporary Lower Otay Pump Station Redundancy	155	62	62	-	-	-	279
Total New Supply		\$ 157	\$ 65	\$ 65	\$ 3	\$ 3	\$ 31	\$ 324
	Potable	\$ 157	\$ 65	\$ 65	\$ 3	\$ 3	\$ 31	\$ 324
	Total New Supply	\$ 157	\$ 65	\$ 65	\$ 3	\$ 3	\$ 31	\$ 324

SUMMARY BY SOURCE

Funding Source	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Expansion	69	168	316	801	1,186	1,018	\$ 3,558
Betterment	1,684	2,727	1,945	2,543	3,974	3,471	16,344
Replacement	6,551	9,682	11,432	12,734	15,255	16,376	72,030
New Supply	157	65	65	3	3	31	324
Total CIP by Funding Source	\$ 8,461	\$ 12,642	\$ 13,758	\$ 16,081	\$ 20,418	\$ 20,896	\$ 92,256

SUMMARY BY FUND

Fund	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Potable	6,565	10,269	12,123	14,439	16,741	18,004	\$ 78,141
Recycled	1,419	1,656	615	370	2,285	917	\$ 7,262
Sewer	477	717	1,020	1,272	1,392	1,975	\$ 6,853
Total CIP by Fund	\$ 8,461	\$ 12,642	\$ 13,758	\$ 16,081	\$ 20,418	\$ 20,896	\$ 92,256

(1) Partially funded by 2018A Water Revenue Bonds.

(2) Project may be funded with Sewer Debt proceeds.

(3) Project expenditures go beyond FY 2026. See project detail sheet for more information.