

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

EXPANSION

CIP No	CIP Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
P2040	(1),(3) Res - 1655-1 Reservoir 0.5 MG	\$ 85	\$ 163	\$ 372	\$ 481	\$ 302	\$ 140	\$ 1,542
P2058	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Melody Road to Highway 94	13	33	59	330	330	59	825
P2171	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Pioneer Way to Melody Road	13	53	66	330	660	528	1,650
P2195	(3) PL - 24 - Inch, 640 Zone, Campo Road - Regulatory Site/Millar Ranch	15	15	15	15	75	375	510
P2196	(3) PL - 24 - Inch, 640 Zone, Millar Ranch Road to 832-1 Pump Station	15	15	15	15	75	188	323
P2451	(3) Otay Mesa Desalination Conveyance and Disinfection System	0	2	0	2	2	31	36
P2595	PL - 16-inch, 624 Zone, Village 3N - Heritage Road, Main St/Energy Way	1	1	1	145	1	1	150
P2642	Rancho Jamul Pump Station Replacement	2	51	217	310	155	31	766
R2084	(1) RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	1	1	1	1	358	1	363
S2069	Cottonwood Sewer Pump Station Renovation	6	63	175	225	131	10	610
S2071	(3) San Diego Metro Wastewater Capital Improvements	17	17	27	34	34	34	163
Total Expansion		\$ 169	\$ 413	\$ 949	\$ 1,887	\$ 2,123	\$ 1,397	\$ 6,938
	Potable	\$ 145	\$ 332	\$ 746	\$ 1,627	\$ 1,600	\$ 1,352	\$ 5,802
	Recycled	1	1	1	1	358	1	363
	Sewer	23	80	202	259	165	44	773
	Total Expansion	\$ 169	\$ 413	\$ 949	\$ 1,887	\$ 2,123	\$ 1,397	\$ 6,938

BETTERMENT

CIP No	CIP Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
P2040	(1),(3) Res - 1655-1 Reservoir 0.5 MG	190	362	828	1,070	673	310	3,433
P2058	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Melody Road to Highway 94	7	17	31	170	170	30	425
P2171	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Pioneer Way to Melody Road	7	27	34	170	340	272	850
P2521	Large Meter Vault Upgrade Program	50	50	50	15	-	-	165
P2578	(1),(3) PS - 711-2 (PS 711-1 Replacement and Expansion) - 14,000 gpm	43	109	155	1,085	930	139	2,461
P2619	(1) PS - Temporary Lower Otay Pump Station Redundancy	17	18	-	-	-	-	35
P2626	803-4 Reservoir Water Quality Improvements – PAX System Purchase	5	10	10	-	-	-	25
P2630	624-3 Reservoir Automation of Chemical Feed System	50	300	55	65	150	50	670
P2642	Rancho Jamul Pump Station Replacement	3	114	483	690	345	69	1,704
P2652	520 to 640 Pressure Zone Conversion	55	30	15	10	10	90	210
P2653	1200 Pressure Zone Improvements	350	160	60	-	-	-	570
P2654	Heritage Road Interconnection Improvements	25	125	10	-	-	-	160
P2656	Regulatory Site Desilting Basin Improvements	10	25	30	50	10	5	130
P2658	(3) 832-1 Pump Station Modifications	5	5	5	25	50	100	190
P2664	Otay Mesa Dual Piping Modification Program	10	50	50	50	90	60	310
P2669	Fuel Tank Safety and Integrity	35	45	-	-	-	-	80
P2674	(1),(3) System Pressure Reducing Program	10	10	10	10	10	10	60
P2682	AMI Pilot Project	200	100	-	-	-	-	300
P2683	Pump Station Safety, Monitoring and Automation Improvements	25	50	50	100	150	125	500
R2117	RWCWRF Disinfection System Improvements	200	850	200	50	-	-	1,300
R2157	RWCWRF Backwash Supply Pumps Upgrade	37	25	10	-	-	-	72
S2024	(2) Campo Road Sewer Main Replacement	3	3	2	15	17	-	40
S2043	(3) RWCWRF Sludge Handling System	1	1	1	1	1	50	55
S2069	Cottonwood Sewer Pump Station Renovation	6	63	175	225	131	10	610
S2071	(3) San Diego Metro Wastewater Capital Improvements	33	33	53	66	66	66	317
Total Betterment		\$ 1,377	\$ 2,582	\$ 2,317	\$ 3,867	\$ 3,143	\$ 1,386	\$ 14,672
	Potable	\$ 1,097	\$ 1,611	\$ 1,877	\$ 3,514	\$ 2,931	\$ 1,329	\$ 12,359
	Recycled	237	875	210	50	-	-	1,372
	Sewer	43	100	231	307	215	126	1,022
	Total Betterment	\$ 1,377	\$ 2,586	\$ 2,318	\$ 3,871	\$ 3,146	\$ 1,455	\$ 14,753

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

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

(3) Project expenditures go beyond FY 2027. See project detail sheet for more information.

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

REPLACEMENT

CIP No	CIP Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
P2083	(1) PS - 870-2 Pump Station Replacement	25	25	25	25	25	25	150
P2174	(1) PS - 1090-1 Pump Station Upgrade	400	150	150	50	-	-	750
P2195	(3) PL - 24 - Inch, 640 Zone, Campo Road - Regulatory Site/Millar Ranch	5	5	5	5	25	125	170
P2196	(3) PL - 24 - Inch, 640 Zone, Millar Ranch Road to 832-1 Pump Station	5	5	5	5	25	63	108
P2282	(3) Vehicle Capital Purchases	303	380	230	200	200	200	1,513
P2286	Field Equipment Capital Purchases	74	86	90	60	20	-	330
P2405	(1) PL - 624/340 PRS, Paseo Ranchero and Otay Valley Road	150	425	500	200	140	80	1,495
P2453	(1) SR-11 Utility Relocations	75	100	150	150	150	150	775
P2460	I.D. 7 Trestle and Pipeline Demolition	50	350	150	115	10	-	675
P2485	SCADA - Infrastructure and Communications Replacement	80	35	30	40	35	-	220
P2516	(1) PL - 12-Inch, 640 Zone, Jamacha Road - Darby/Osage	5	5	75	125	400	390	1,000
P2533	1200-1 Reservoir Interior & Exterior Coating	90	5	50	5	120	5	275
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	10	15	40	-	-	-	65
P2543	850-1 Reservoir Interior/Exterior Coating	5	5	45	50	50	20	175
P2546	980-2 Reservoir Interior/Exterior Coating	5	5	5	-	-	-	15
P2553	(1),(3) Heritage Road Bridge Replacement and Utility Relocation	50	50	425	1,350	1,700	1,225	4,800
P2562	Res - 571-1 Reservoir Cover/Liner Replacement	1	1	1	82	-	-	85
P2563	Res - 870-1 Reservoir Cover/Liner Replacement	100	1,500	1,000	450	400	-	3,450
P2565	803-2 Reservoir Interior/Exterior Coating & Upgrades	40	5	5	5	-	-	55
P2567	1004-2 Reservoir Interior/Exterior Coating & Upgrades	20	685	395	5	45	-	1,150
P2571	Data Center Network Data Storage and Infrastructure Enhancements	100	30	10	-	-	-	140
P2572	(3) Enterprise Resource Planning (ERP) Replacement	80	50	-	-	-	-	130
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	97	242	345	2,415	2,070	311	5,479
P2593	458-1 Reservoir Interior/Exterior Coating & Upgrades	895	110	5	30	-	-	1,040
P2594	Large Meter Replacement	10	10	60	25	40	50	195
P2604	AMR Change-Out	150	40	-	-	-	-	190
P2605	(1) 458/340 PRS Replacement, 1571 Melrose Ave	350	250	40	-	-	-	640
P2608	(1) PL - 8-inch, 850 Zone, Coronado Ave, Chestnut/Apple	50	100	300	400	575	10	1,435
P2609	(1) PL - 8-inch, 1004 Zone, Eucalyptus St, Coronado/Date/La Mesa	25	25	300	540	100	10	1,000
P2610	Valve Replacement Program - Phase 1	175	400	400	400	400	115	1,890
P2611	(1),(3) Quarry Road Bridge Replacement and Utility Relocation	10	10	10	10	10	200	250
P2612	(1) PL - 12-inch, 711 Zone, Paso de Luz/Telegraph Canyon Rd	500	400	100	70	10	-	1,080
P2615	(1) PL - 12-Inch Pipeline Replacement, 803 PZ, Vista Grande	260	600	1,500	100	100	-	2,560
P2616	(1),(3) PL - 12-Inch Pipeline Replacement, 978 Zone, Pence Dr/Vista Sierra Dr	500	400	100	300	300	500	2,100
P2617	Lobby Security Enhancements	20	10	10	5	-	-	45

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

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

(3) Project expenditures go beyond FY 2027. 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 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
P2623	Central Area to Otay Mesa Interconnection Pipelines Combination Air/Vacuum Valve Replacements	5	150	150	70	-	-	375
P2627	(1) 458/340 PRS Replacement, 1505 Oleander Avenue	350	250	15	-	-	-	615
P2638	Buildings and Grounds Refurbishments	50	50	41	-	-	-	141
P2639	Vista Diego Hydropneumatic Pump Station Replacement	150	700	1,500	150	150	75	2,725
P2640	Portable Trailer Mounted VFD Pumps	1	1	8	-	-	-	10
P2646	North District Area Cathodic Protection Improvements	25	325	450	400	-	-	1,200
P2647	Central Area Cathodic Protection Improvements	5	25	40	275	600	350	1,295
P2648	Otay Mesa Area Cathodic Protection Improvements	5	15	15	5	-	-	40
P2649	HVAC Equipment Purchase	25	35	33	-	-	-	93
P2655	La Presa Pipeline Improvements	75	575	500	200	100	25	1,475
P2659	District Boardroom Improvements	25	25	50	10	-	-	110
P2661	Replacement of Backflow Prevention Devices on Pipeline Interconnections on Otay Mesa	50	75	75	65	50	50	365
P2663	(3) Potable Water Pressure Vessel Program	70	70	400	400	400	400	1,740
P2666	(3) Low Head and High Head Pump Stations Demolition	5	25	25	50	50	50	205
P2667	Small Meter Testing Bench	100	-	-	-	-	-	100
P2670	Administration and Operations Roof Repairs and Replacement	5	5	5	25	280	5	325
P2671	980 Reservoirs Altitude Valve Vaults Renovation	450	90	10	-	-	-	550
P2672	District Roof Repairs and Replacement Program	25	125	25	75	100	25	375
P2675	458-1 and 458-2 Reservoirs Site Pavement Refurbishment	55	250	100	40	5	-	450
P2676	980-2 PS Miscellaneous Replacements	100	100	100	50	25	-	375
P2677	PL - 16-Inch, 870 Zone, La Media Rd and Airway Rd. Utility Relocations	50	500	500	250	200	-	1,500
P2678	Jamacha Boulevard Utility Relocation	25	25	100	100	-	-	250
P2679	520-3 Reservoir Recirculation Static Mixer Replacement Project	25	75	50	50	-	-	200
P2680	PL - 12-inch Pipeline Replacement, 1530 Zone, Vista Diego Road	30	50	250	45	-	-	375
P2681	PL-12-Inch, 1655 Zone, Presilla Drive Pipeline Replacement	10	20	350	490	300	70	1,240
R2120	(1) RWCWRF Filtered Water Storage Tank Improvements	5	15	50	10	-	-	80
R2121	Res - 944-1 Reservoir Cover/Liner Replacement	5	30	50	2,000	290	-	2,375
R2143	AMR Change-Out	35	25	-	-	-	-	60
R2144	RWCWRF Roofing Replacement and Natural Light Enhancement (R)	40	35	-	-	-	-	75
R2146	Recycled Pipeline Cathodic Protection Improvements	25	150	250	200	-	-	625
R2148	Large Meter Replacement - Recycled	9	8	8	8	-	-	33
R2153	(3) Recycled Water Pressure Vessel Program	30	30	1	1	1	37	100
R2156	(3) RecPL - 14-inch RWCWRF Effluent Force Main Improvements	10	10	10	80	140	150	400
R2157	RWCWRF Backwash Supply Pumps Upgrade	113	75	30	-	-	-	218
R2158	RWCWRF Stormwater Pond Improvements (R)	10	65	75	15	-	-	165
R2159	RecPL - 20-Inch, 680 Zone, Olympic Parkway Recycled Pipeline Rehabilitation	100	825	2,900	2,000	175	150	6,150
R2160	(3) Recycled Field Equipment Capital Purchases	50	25	25	25	25	50	200
R2162	(3) Vehicle Capital Purchases - Recycled	62	10	10	20	20	20	142
S2012	(3) San Diego County Sanitation District Outfall and RSD Outfall Replacement	5	125	125	125	150	150	680

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

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

(3) Project expenditures go beyond FY 2027. 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 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
S2024 (2)	Campo Road Sewer Main Replacement	3	3	3	15	18	-	40
S2049	Calavo Basin Sewer Rehabilitation - Phase 2	25	550	300	100	5	-	980
S2050 (3)	Rancho San Diego Basin Sewer Rehabilitation - Phase 2	5	10	20	180	600	250	1,065
S2061	RWCWRF Aeration Controls Consolidation & Optimization Upgrades (S)	25	70	75	20	-	-	190
S2067	RWCWRF Roofing Replacement and Natural Light Enhancement (S)	75	24	-	-	-	-	99
S2069	Cottonwood Sewer Pump Station Renovation	13	125	350	450	263	20	1,220
S2072 (3)	RWCWRF Rotary Screen Replacement	1	1	1	11	100	200	314
S2074	RWCWRF Stormwater Pond Improvements (S)	10	65	75	25	-	-	175
S2075 (3)	Field Equipment Capital Purchases	67	25	25	100	100	100	417
S2076	RWCWRF Grit Chamber Improvements	20	80	100	50	-	-	250
S2077	RWCWRF Blowers Renovation	10	30	100	100	100	10	350
Total Replacement		\$ 7,188	\$ 12,485	\$ 15,931	\$ 15,502	\$ 11,196	\$ 5,665	\$ 67,967
	Potable	\$ 6,436	\$ 10,144	\$ 12,098	\$ 12,922	\$ 12,495	\$ 7,848	\$ 61,943
	Recycled	494	1,313	3,419	4,409	711	512	10,858
	Sewer	258	1,118	1,194	1,251	1,660	1,380	6,861
	Total Replacement	\$ 7,188	\$ 12,575	\$ 16,711	\$ 18,582	\$ 14,866	\$ 9,740	\$ 79,662

NEW SUPPLY

CIP No	CIP Project Title	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
P2619 (1)	PS - Temporary Lower Otay Pump Station Redundancy	8	7	-	-	-	-	15
Total New Supply		\$ 8	\$ 7	\$ -	\$ -	\$ -	\$ -	\$ 15
	Potable	\$ 8	\$ 7	\$ -	\$ -	\$ -	\$ -	\$ 15
	Total New Supply	\$ 8	\$ 7	\$ -	\$ -	\$ -	\$ -	\$ 15

SUMMARY BY SOURCE

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
Expansion	169	413	949	1,887	2,123	1,397	\$ 6,938
Betterment	1,377	2,586	2,318	3,871	3,146	1,455	14,753
Replacement	7,188	12,575	16,711	18,582	14,866	9,740	79,662
New Supply	8	7	-	-	-	-	15
Total CIP by Funding Source	\$ 8,742	\$ 15,581	\$ 19,978	\$ 24,340	\$ 20,135	\$ 12,592	\$ 101,368

SUMMARY BY FUND

Fund	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
Potable	7,686	12,094	14,721	18,063	17,026	10,529	\$ 80,119
Recycled	732	2,189	3,630	4,460	1,069	513	\$ 12,593
Sewer	324	1,298	1,627	1,817	2,040	1,550	\$ 8,656
Total CIP by Fund	\$ 8,742	\$ 15,581	\$ 19,978	\$ 24,340	\$ 20,135	\$ 12,592	\$ 101,368

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

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

(3) Project expenditures go beyond FY 2027. See project detail sheet for more information.