

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

### EXPANSION

CIP No.	CIP Project Title	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
P2040 (1)	Res - 1655-1 Reservoir 0.5 MG	\$ 85	\$ 248	\$ 481	\$ 295	\$ 248	\$ 116	\$ 1,473
P2058	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Melody Road to Highway 94	33	59	330	330	59	10	822
P2171	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Pioneer Way to Melody Road	53	66	330	644	528	26	1,647
P2195 (3)	PL - 24 - Inch, 640 Zone, Campo Road - Regulatory Site/Millar Ranch	15	15	15	75	375	563	1,058
P2196 (3)	PL - 24 - Inch, 640 Zone, Millar Ranch Road to 832-1 Pump Station	15	15	15	75	188	413	720
P2451 (3)	Otay Mesa Desalination Conveyance and Disinfection System	0	0	2	2	2	31	36
P2595	PL - 16-inch, 624 Zone, Village 3N - Heritage Road, Main St/Energy Way	1	1	145	1	1	1	150
P2619 (1)	PS - Temporary Lower Otay Pump Station Redundancy	4	-	-	-	-	-	4
P2642	Rancho Jamul Pump Station Replacement	16	116	155	155	155	155	752
R2084 (1)	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	1	1	1	1	1	90	95
S2069	Cottonwood Sewer Pump Station Renovation	63	125	75	225	125	12	625
S2071 (3)	San Diego Metro Wastewater Capital Improvements	12	27	34	34	34	34	175
<b>Total Expansion</b>		<b>\$ 298</b>	<b>\$ 674</b>	<b>\$ 1,582</b>	<b>\$ 1,836</b>	<b>\$ 1,715</b>	<b>\$ 1,451</b>	<b>\$ 7,556</b>
<i>Note: Numbers may not total accurately due to rounding.</i>								
	Potable	\$ 222	\$ 521	\$ 1,472	\$ 1,576	\$ 1,555	\$ 1,315	\$ 6,661
	Recycled	1	1	1	1	1	90	95
	Sewer	75	152	109	259	159	46	799
	<b>Total Expansion</b>	<b>\$ 298</b>	<b>\$ 674</b>	<b>\$ 1,582</b>	<b>\$ 1,836</b>	<b>\$ 1,715</b>	<b>\$ 1,451</b>	<b>\$ 7,556</b>

### BETTERMENT

CIP No.	CIP Project Title	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
P2040 (1)	Res - 1655-1 Reservoir 0.5 MG	190	552	1,070	656	552	258	3,278
P2058	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Melody Road to Highway 94	17	30	170	170	31	5	423
P2171	PL - 20-Inch, 1296 Zone, Proctor Valley Road from Pioneer Way to Melody Road	27	34	170	331	272	14	848
P2451 (3)	Otay Mesa Desalination Conveyance and Disinfection System	-	1	4	4	3	69	81
P2521	Large Meter Vault Upgrade Program	25	30	30	30	30	20	165
P2563	Res - 870-1 Reservoir Cover/Liner Replacement and Supporting Projects	175	2,450	1,190	-	-	-	3,815
P2578 (1),(3)	PS - 711-2 (PS 711-1 Replacement and Expansion) - 14,000 GPM	16	93	124	124	124	124	605
P2619 (1)	PS - Temporary Lower Otay Pump Station Redundancy	10	-	-	-	-	-	10
P2626	803-4 Reservoir Water Quality Improvements – PAX System Purchase	10	10	-	-	-	-	20
P2630	624-3 Reservoir Automation of Chemical Feed System	300	125	100	90	44	-	659
P2642	Rancho Jamul Pump Station Replacement	34	259	345	345	345	345	1,673
P2652	520 to 640 Pressure Zone Conversion	30	15	10	10	10	100	175
P2653	1200 Pressure Zone Improvements	100	50	25	-	-	-	175
P2654	Heritage Road Interconnection Improvements	10	30	30	30	30	30	160
P2656	Regulatory Site Desilting Basin Improvements	5	10	50	25	25	25	140
P2658	832-1 Pump Station Modifications	5	10	25	50	100	400	590
P2664	Otay Mesa Dual Piping Modification Program	50	50	50	50	60	50	310
P2669	Fuel Tank Safety and Integrity	45	35	-	-	-	-	80
P2674 (1),(3)	System Pressure Reducing Program	10	10	10	10	10	10	60
P2682	AMI Project	200	70	-	-	-	-	270
P2683	Pump Station Safety, Monitoring, and Automation Improvements	50	50	100	100	100	100	500
P2684	Zero Emission Vehicles and Charging Infrastructure	75	88	162	162	163	350	1,000
R2117	RWCWRF Disinfection System Improvements	800	500	50	50	-	-	1,400
R2157	RWCWRF Backwash Supply Pumps Upgrade	13	38	17	3	-	-	71
S2024 (2)	Campo Road Sewer Main Replacement	3	2	3	12	-	-	20
S2043 (3)	RWCWRF Sludge Handling System	1	1	1	1	1	50	55
S2069	Cottonwood Sewer Pump Station Renovation	62	125	75	225	125	13	625
S2071 (3)	San Diego Metro Wastewater Capital Improvements	24	53	66	66	66	66	341
<b>Total Betterment</b>		<b>\$ 2,286</b>	<b>\$ 4,720</b>	<b>\$ 3,877</b>	<b>\$ 2,544</b>	<b>\$ 2,091</b>	<b>\$ 2,029</b>	<b>\$ 17,547</b>
<i>Note: Numbers may not total accurately due to rounding.</i>								
	Potable	\$ 1,383	\$ 4,001	\$ 3,665	\$ 2,187	\$ 1,899	\$ 1,900	\$ 15,035
	Recycled	813	538	67	53	-	-	1,471
	Sewer	90	181	145	304	192	129	1,041
	<b>Total Betterment</b>	<b>\$ 2,286</b>	<b>\$ 4,720</b>	<b>\$ 3,877</b>	<b>\$ 2,544</b>	<b>\$ 2,091</b>	<b>\$ 2,029</b>	<b>\$ 17,547</b>

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

(3) Project expenditures go beyond FY 2028. See project detail sheet for more information.

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

### REPLACEMENT

CIP No.	CIP Project Title	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
P2083	(1) PS - 870-2 Pump Station Replacement	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10
P2174	(1) PS - 1090-1 Pump Station Upgrade	10	-	-	-	-	-	10
P2195	(3) PL - 24 - Inch, 640 Zone, Campo Road - Regulatory Site/Millar Ranch	5	5	5	25	125	187	352
P2196	(3) PL - 24 - Inch, 640 Zone, Millar Ranch Road to 832-1 Pump Station	5	5	5	25	63	137	240
P2282	(3) Vehicle Capital Purchases	795	230	200	200	200	200	1,825
P2286	(3) Field Equipment Capital Purchases	168	125	125	125	125	125	793
P2405	(1) PL - 624/340 PRS, Paseo Ranchero and Otay Valley Road	125	500	350	140	180	195	1,490
P2453	(1) SR-11 Utility Relocations	5	5	150	150	150	200	660
P2460	I.D. 7 Trestle and Pipeline Demolition	100	350	105	20	-	-	575
P2485	SCADA - Infrastructure and Communications Replacement	35	35	55	-	-	-	125
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	5	50	5	5	5	55	125
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	15	35	-	-	-	-	50
P2543	850-1 Reservoir Interior/Exterior Coating	5	45	5	5	5	40	105
P2546	980-2 Reservoir Interior/Exterior Coating	10	5	-	-	-	-	15
P2553	(1) Heritage Road Bridge Replacement and Utility Relocation	50	425	1,350	1,500	1,225	200	4,750
P2562	Res - 571-1 Reservoir Cover/Liner Replacement	10	-	-	-	-	-	10
P2563	Res - 870-1 Reservoir Cover/Liner Replacement and Supporting Projects	75	1,050	510	-	-	-	1,635
P2565	803-2 Reservoir Interior/Exterior Coating & Upgrades	10	40	5	-	-	-	55
P2567	1004-2 Reservoir Interior/Exterior Coating & Upgrades	690	500	5	45	5	-	1,245
P2571	Data Center Network Data Storage and Infrastructure Enhancements	55	50	50	-	-	-	155
P2572	(3) Enterprise Resource Planning (ERP) Replacement	75	10	10	10	10	50	165
P2578	(1),(3) PS - 711-2 (PS 711-1 Replacement and Expansion) - 14,000 GPM	35	207	276	276	276	276	1,346
P2584	(3) Res - 657-1 and 657-2 Reservoir Demolitions	-	-	-	-	25	25	50
P2593	458-1 Reservoir Interior/Exterior Coating & Upgrades	50	50	45	5	-	-	150
P2594	Large Meter Replacement	20	50	25	40	50	50	235
P2605	(1) 458/340 PRS Replacement, 1571 Melrose Ave	80	20	-	-	-	-	100
P2608	(1) PL - 8-inch, 850 Zone, Coronado Avenue, Chestnut/Apple	100	300	400	574	60	-	1,434
P2609	(1) PL - 8-inch, 1004 Zone, Eucalyptus Street, Coronado/Date/La Mesa	75	300	460	100	35	-	970
P2610	Valve Replacement Program - Phase 1	400	400	400	50	-	-	1,250
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 Road	500	325	90	10	-	-	925
P2614	485-1 Reservoir Interior/Exterior Coating	650	675	5	40	5	-	1,375
P2615	(1),(3) PL - 12-Inch Pipeline Replacement, 803 PZ, Vista Grande	50	260	300	500	1,000	400	2,510
P2616	(1),(3) PL - 12-Inch Pipeline Replacement, 978 Zone, Pence Drive/Vista Sierra Drive	1,000	400	200	150	150	600	2,500
P2617	Lobby Security Enhancements	1	1	3	20	20	-	45

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

### REPLACEMENT, CONTINUED

CIP No.	CIP Project Title	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
P2623	Central Area to Otay Mesa Interconnection Pipelines Combination Air/Vacuum Valve Replacements	\$ 10	\$ 150	\$ 150	\$ 70	\$ -	\$ -	\$ 380
P2627	(1) 458/340 PRS Replacement, 1505 Oleander Avenue	80	20	-	-	-	-	100
P2631	1485-2 Reservoir Interior/Exterior Coating & Upgrades	5	40	750	400	5	50	1,250
P2638	Buildings and Grounds Refurbishments	173	50	50	50	25	-	348
P2639	Vista Diego Hydropneumatic Pump Station Replacement	175	1,500	1,500	225	-	-	3,400
P2646	North District Area Cathodic Protection Improvements	50	300	450	400	-	-	1,200
P2647	Central Area Cathodic Protection Improvements	3	30	165	600	600	600	1,998
P2649	HVAC Equipment Purchase	64	43	39	46	22	-	214
P2655	La Presa Pipeline Improvements	50	500	575	200	100	48	1,473
P2657	1485-1 Reservoir Interior/Exterior Coating & Upgrades	-	5	25	650	270	-	950
P2659	District Boardroom Improvements	25	50	35	-	-	-	110
P2661	(3) Replacement of Backflow Prevention Devices on Pipeline Interconnections on Otay Mesa	75	75	65	50	50	50	365
P2662	(3) Potable Water Meter Change Out	20	30	1,900	2,000	2,000	2,000	7,950
P2663	(3) Potable Water Pressure Vessel Program	30	400	400	400	400	400	2,030
P2665	(3) PL - 12-inch Pipeline Replacement, 870 Zone, Cactus Road	-	25	25	25	25	25	125
P2666	(3) Low Head and High Head Pump Stations Demolition	-	25	25	50	50	50	200
P2667	Small Meter Testing Bench	50	-	-	-	-	-	50
P2670	Administration and Operations Roof Repairs and Replacement	5	20	100	1	49	175	350
P2671	980 Reservoirs Altitude Valve Vaults Renovation	25	25	25	-	-	-	75
P2672	District Roof Repairs and Replacement Program	5	35	100	100	100	-	340
P2673	(3) 803-4 Reservoir Interior/Exterior Coating	-	-	5	30	1,100	450	1,585
P2675	458-1 and 458-2 Reservoirs Site Pavement Refurbishment	250	150	40	10	-	-	450
P2676	980-2 PS Miscellaneous Replacements	100	100	100	75	-	-	375
P2677	PL - 16-Inch, 870 Zone, La Media Road and Airway Road Utility Relocations	1,300	400	55	20	-	-	1,775
P2678	Jamacha Boulevard Utility Relocation	25	100	100	25	-	-	250
P2679	520-3 Reservoir Recirculation Static Mixer Replacement Project	30	20	10	-	-	-	60
P2680	PL - 12-inch Pipeline Replacement, 1530 Zone, Vista Diego Road	25	150	150	50	-	-	375
P2681	PL-12-Inch, 1655 Zone, Presilla Drive Pipeline Replacement	110	550	490	370	55	-	1,575
P2684	Zero Emission Vehicles and Charging Infrastructure	75	88	162	162	163	350	1,000
P2685	(3) 980/711 PRS Renovation - Proctor Valley Rd	10	20	50	70	100	400	650
P2686	(3) 870 PZ Seismic Vault Renovation	5	10	30	35	100	150	330
P2687	Steele Canyon Rd Bridge 803 PZ 20-inch WL Renovation	100	100	90	150	150	10	600
P2688	(3) Standby Power Renovations - Potable Water	15	50	150	200	200	100	715
P2689	944-1-9 Pump Station Meter Vault Renovation	10	20	40	60	60	10	200
P2690	(3) 850-4 Reservoir Interior/Exterior Coating	-	-	-	-	-	15	15
R2120	(1) RWCWRF Filtered Water Storage Tank Improvements	15	50	10	-	-	-	75
R2121	Res - 944-1 Reservoir Cover/Liner Replacement	30	50	2,000	295	-	-	2,375
R2144	RWCWRF Roofing Replacement and Natural Light Enhancement (R)	5	-	-	-	-	-	5
R2146	Recycled Pipeline Cathodic Protection Improvements	500	500	10	-	-	-	1,010
R2148	Large Meter Replacement - Recycled	8	8	7	10	10	10	53
R2152	(3) Recycled Water Meter Change-Out	10	10	50	60	90	50	270
R2153	(3) Recycled Water Pressure Vessel Program	1	30	1	1	1	36	70
R2156	(3) RecPL - 14-inch RWCWRF Effluent Force Main Improvements	10	10	80	150	150	150	550
R2157	RWCWRF Backwash Supply Pumps Upgrade	37	112	53	8	-	-	210
R2158	RWCWRF Stormwater Pond Improvements (R)	5	25	40	40	55	10	175
R2159	RecPL - 16-Inch, 680 Zone, Olympic Parkway Recycled Pipeline Replacement	400	3,000	2,000	200	50	50	5,700
R2160	(3) Recycled Water Field Equipment Capital Purchases	100	100	100	100	100	100	600
R2161	(3) 450-1R Reservoir Interior/Exterior Coating & Upgrades	-	-	-	-	15	1,550	1,565
R2162	(3) Vehicle Capital Purchases - Recycled	25	10	20	20	50	50	175
R2163	450-1 RW Res Disinfection Injection Vault Renovation	20	80	100	90	10	-	300
R2164	(3) 450-1 RW Res Stormwater Improvements	20	30	50	50	300	300	750
S2012	(3) San Diego County Sanitation District Outfall and RSD Outfall Replacement	200	200	200	200	200	200	1,200

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

### REPLACEMENT, CONTINUED

CIP No.	CIP Project Title	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
S2024	(2) Campo Road Sewer Main Replacement	\$ 3	\$ 3	\$ 2	\$ 12	\$ -	\$ -	\$ 20
S2049	Calavo Basin Sewer Rehabilitation - Phase 2	50	100	250	450	200	30	1,080
S2050	(3) Rancho San Diego Basin Sewer Rehabilitation - Phase 2	10	20	40	80	100	400	650
S2054	(3) Calavo Basin Sewer Rehabilitation - Phase 3	-	-	10	10	50	100	170
S2060	(3) Steele Canyon Pump Station Replacement	-	10	40	50	200	500	800
S2061	RWCWRF Aeration Controls Consolidation & Optimization Upgrades (S)	30	30	30	100	-	-	190
S2066	(3) Rancho San Diego Basin Sewer Rehabilitation - Phase 3	-	-	5	5	5	50	65
S2067	RWCWRF Roofing Replacement and Natural Light Enhancement (S)	5	-	-	-	-	-	5
S2069	Cottonwood Sewer Pump Station Renovation	125	250	150	450	250	25	1,250
S2072	(3) RWCWRF Rotary Screen Replacement	40	100	10	100	200	100	550
S2074	RWCWRF Stormwater Pond Improvements (S)	5	25	40	40	55	10	175
S2075	(3) Field Equipment Capital Purchases	42	25	100	100	100	100	467
S2076	RWCWRF Grit Chamber Improvements	30	50	120	40	10	-	250
S2077	RWCWRF Blowers Renovation	30	120	120	120	10	-	400
S2078	(3) Vehicle Capital Purchases - Sewer	-	20	20	20	50	50	160
S2079	Steele Canyon Rd Bridge 6-inch Sewer FM Renovation	100	50	50	50	90	10	350
S2080	Standby Power Renovations - Sewer	5	10	25	75	75	10	200
<b>Total Replacement</b>		<b>\$ 9,995</b>	<b>\$ 16,577</b>	<b>\$ 18,808</b>	<b>\$ 13,600</b>	<b>\$ 12,173</b>	<b>\$ 12,105</b>	<b>\$ 83,258</b>
<i>Note: Numbers may not total accurately due to rounding.</i>								
	Potable	\$ 8,134	\$ 11,549	\$ 13,076	\$ 10,674	\$ 9,747	\$ 8,214	\$ 61,394
	Recycled	1,187	4,016	4,521	1,024	831	2,306	13,885
	Sewer	674	1,012	1,211	1,902	1,595	1,585	7,979
	<b>Total Replacement</b>	<b>\$ 9,995</b>	<b>\$ 16,577</b>	<b>\$ 18,808</b>	<b>\$ 13,600</b>	<b>\$ 12,173</b>	<b>\$ 12,105</b>	<b>\$ 83,258</b>

### SUMMARY BY SOURCE

Funding Source	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
Expansion	\$ 298	\$ 674	\$ 1,582	\$ 1,836	\$ 1,715	\$ 1,451	\$ 7,556
Betterment	2,286	4,720	3,877	2,544	2,091	2,029	17,547
Replacement	9,995	16,577	18,808	13,600	12,173	12,105	83,258
<b>Total CIP by Funding Source</b>	<b>\$ 12,579</b>	<b>\$ 21,971</b>	<b>\$ 24,267</b>	<b>\$ 17,980</b>	<b>\$ 15,979</b>	<b>\$ 15,585</b>	<b>\$ 108,361</b>

### SUMMARY BY FUND

Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
Potable	\$ 9,740	\$ 16,071	\$ 18,212	\$ 14,437	\$ 13,201	\$ 11,429	\$ 83,090
Recycled	2,000	4,554	4,589	1,077	832	2,396	15,448
Sewer	839	1,346	1,466	2,466	1,946	1,760	9,823
<b>Total CIP by Fund</b>	<b>\$ 12,579</b>	<b>\$ 21,971</b>	<b>\$ 24,267</b>	<b>\$ 17,980</b>	<b>\$ 15,979</b>	<b>\$ 15,585</b>	<b>\$ 108,361</b>

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