

		2024 \$	Year 1 2025	Year 2 2026	Year 3 2027	Year 4 2028	Year 5 2029	Year 6 2030	Year 7 2031	Year 8 2032	Year 9 2033	Year 10 2034
General Projects												
G-1	Headquarters: New Roof, Solar/Battery Storage, interior refresh	\$ 185,323	\$ 185,323									
G-2	Physical Site Security Improvements	\$ 95,450	\$ 25,000	\$ 45,000	\$ 25,450							
G-3	Fire and Water Wise Landscape Improvements (Office, Eucalyptus, Brown Well, Sage, Vosburg, Wilcox Reservoir)	\$ 75,000										
G-4	Roofing on Booster Stations and CL2 Rooms	\$ 60,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
G-5	SCADA RTU Upgrades (current RTU's no longer supported after 2027)	\$ 100,000		\$ 50,000	\$ 50,000							
G-6	Solar Panels/Batteries for Comms at all Generator Powered Sites	\$ 125,000		\$ 50,000	\$ 50,000	\$ 25,000						
G-7	SCADA Radio/Antenna Upgrades (current Radios still manufactured but likely required during years 5-10)	\$ 110,000								\$ 35,000	\$ 35,000	\$ 40,000
G-8	District Storage Facilities at Sage Site, Eucalyptus Site and Vosburg Site	\$ 45,000	\$ 15,000	\$ 15,000	\$ 15,000							
G-9	Driveway Paving/Improvements at Wilcox Well/Wilcox Reservoir/Holly (3 locations, see ST-2 for Glen)	\$ 60,000		\$ 20,000	\$ 20,000	\$ 20,000						
Water Storage Projects												
ST-1	Vosburg Reservoir - Replace all Exterior Cladding/Screens and Recoat/Patch Roof	\$ 100,000					\$ 100,000					
ST-2	Glen Reservoir - New Roofing System, Crack Repair, Small Solar, Sitework	\$ 305,285	\$ 305,285									
ST-3	Brown Reservoir -New Roof Framing System + Interior Rehab/Liner	\$ 150,000							\$ 150,000			
ST-4	Eucalyptus Reservoir - Roof/Paint/General Rehab pending recommendations following 2025 inspection	\$ 25,000		\$ 25,000								
ST-5	Wilcox Reservoir - Roof/Paint/General Rehab pending recommendations following 2025 inspection	\$ 50,000		\$ 50,000								
ST-6	East Tank - Gabion Baskets and Labor to build retaining wall around tank (60 lf)	\$ 6,000	\$ 6,000									
Pumping Projects (recommend O&M budget include 1 new pump ever other year, the following are immediate needs)												
P-1	K3 Well Pump Rehab/Upgrade to Water Lubricated, cleanup Electrical System, upgrade vault exhaust system	\$ 250,000	\$ 250,000									
P-2	Wilcox Well -New Pump&Motor+Electrical+Generator	\$ 437,500		\$ 437,500								
P-3	Eucalyptus Booster Pump/Motor R&R (Pump 1)	\$ 75,000	\$ 75,000									
P-4	Wilcox Booster: Rehab Pump Stand, new Boosters, Electrical Upgrade and Pumping Line	\$ 700,000		\$ 250,000	\$ 450,000							
P-5	Glen Reservoir Booster Pump/Motor R&R #1 + Spare Pump Bowl Assembly	\$ 121,000	\$ 38,500	\$ 82,500								
P-6	Fleet Replacement - Booster Backup Generators (Eucalyptus, Wilcox Resv, Vosburg/Sage, Glen,)	\$ 250,000					\$ 150,000				\$ 50,000	\$ 50,000
Treatment Projects												
T-1	Fluoride Blending Treatment for Delores Tunnel and Far Mesa Tunnel	\$ 132,250	\$ 132,250									
T-2	Fluoride Blending Treatment for Hi-Low Tunnel to West Tank	\$ 85,000		\$ 85,000								
T-3	K3 Chlorination System and Controls Upgrade (new Generator system and Controls)	\$ 75,000			\$ 75,000							
Tunnel Supply/Spreading Projects												
SP-1	Delores Tunnel - Pipeline Repair and Protection in Canyon, Tree Removals, Hazard Mitigation	\$ 25,000	\$ 25,000									
SP-2	Far Mesa Tunnel: Access Structure on Rittenhouse Property with Pipe Shield	\$ 50,000		\$ 50,000								
SP-3	Hi-Lo Tunnel - replace canyon piping with HDPE where potential for damage	\$ 25,000		\$ 25,000								
Distribution System Projects - Valves/Hydrants												
D-1	Control Valve Retrofit at Sage Booster Bypass to drop West Tank Water into Sage/Holly (convert to 131 with XP2F Package)	\$ 10,000	\$ 10,000									
D-1	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Package)	\$ 10,000	\$ 10,000									
D-1	Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA	\$ 45,000	\$ 45,000									
D-2	Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled)	\$ 340,000						\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000
D-3	Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9)	\$ 225,000	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
D-4	Gate Valve Replacement Program (unrelated to pipeline projects)	\$ 150,000								\$ 50,000	\$ 50,000	\$ 50,000
Distribution System Projects - Mainline												
D-5	Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023)	\$ 2,070,000	\$ 500,000	\$ 1,570,000								
D-6	Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm)	\$ 554,063			\$ 554,063							
D-7	Lower Pasadena Glen Road: Replace 780' of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2)	\$ 588,750				\$ 588,750						
D-8	East Mesaloe - 480' of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file)	\$ 285,000					\$ 285,000					
D-8	East Meyerloa: Replace 560' of 4" STL w/ 6"DIP, no (e) FH, add 1 (n) FH, 6 services	\$ 313,750					\$ 313,750					
D-8	East Clarmeya - 300' of 4" STL with DIP, R&R 1 hydrant, 5 services; abandon 460' of 4" STL between Clarmeya and Doyme	\$ 206,250					\$ 206,250					
D-9	Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Canyon Road; FF improvement on KCRd.	\$ 495,000					\$ 495,000					
D-9	Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, ~600ft	\$ 331,250					\$ 331,250					
D-10	Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona ~1000ft	\$ 500,000										\$ 500,000
D-11	Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash	\$ 426,250						\$ 426,250				
D-12	Brown Pumping Line, replace 6" steel from Reservoir to Barhite Street (1,200 lf)	\$ 675,000							\$ 675,000			
D-13	East Fairpoint Street - Abandon 900 lf 4" STL connect (6) Services to (e) 8" DIP and upgrade FPIC to 4"	\$ 80,000									\$ 80,000	
D-14	West Windover: Replace 280' of 4" STL to 4" DIP, reconnect 6 services, no hydrants	\$ 142,500									\$ 142,500	
D-15	Vosburg west of SMV: Replace 400' of 1.5" STL, abandon 1200' and reconnect 16 services to new service line or (e) AC	\$ 250,000										\$ 250,000
D-16	North Villa Heights Road: Abandon 240' of 4" AC and 210' of 2" STL, reconnect 7 services to (e) 12" DIP	\$ 56,250										\$ 56,250
D-17	1770-1790 Sierra Madre Villa: Replace 300' of 3" STL in private driveway with 4" DIP, reconnect 5 services	\$ 106,250										\$ 106,250
	TOTAL in 2024 Dollars	\$ 11,578,120	\$ 1,637,357	\$ 2,712,500	\$ 1,362,013	\$ 673,750	\$ 1,080,000	\$ 934,250	\$ 534,250	\$ 1,018,000	\$ 465,500	\$ 1,160,500
	TOTAL in Future Value Dollars at 4% Annual Inflation	\$ 13,929,687	\$ 1,702,852	\$ 2,933,840	\$ 1,532,079	\$ 788,192	\$ 1,313,985	\$ 1,182,124	\$ 703,037	\$ 1,393,203	\$ 662,552	\$ 1,717,823