

CIP ID	Project Name	Early Bird Status <sup>1</sup>	Delivery Method	Project Lifecycle Phase <sup>2</sup>	Program Manager	FY24	FY25	FY26	FY27	FY28	Current 5-YR Total	Years 6-10	10-YR Total
08S08	Stowe Regional WRRF	Yes	Design-Build	Construction	Nicole Bartlett	\$121,600,000	\$134,500,000	\$88,400,000	\$1,030,000	\$0	\$345,530,000	\$0	\$345,530,000
18S06	MALLARD CK WRF EXP & IMPROVEMENT	Yes	CMAR	Construction	Chuck Bliss	\$37,000,000	\$26,400,000	\$26,400,000	\$10,300,000	\$17,300,000	\$117,400,000	\$100,000,000	\$217,400,000
99W04	MAJOR WATER MAIN REPL & REHAB	No	Service	Procurement Construction	Keith Shirley	\$36,339,587	\$20,000,000	\$30,000,000	\$30,000,000	\$30,000,000	\$146,339,587	\$130,000,000	\$276,339,587
21S09	BIOSOLIDS PROGRAM	No	TBD	Varies	Chuck Bliss	\$28,172,362	\$17,676,190	\$54,642,857	\$48,933,333	\$73,046,000	\$222,470,742	\$141,820,000	\$364,290,742
23S03	Clarke Creek Basin PS and FM	Yes	Design-Build	Construction	Chuck Bliss	\$25,000,000	\$16,000,000	\$0	\$0	\$0	\$41,000,000	\$0	\$41,000,000
99W88	NEW SERVICE INSTALLATIONS - WATER	No	Service	Procurement Construction	Nicholas Stanziale	\$15,000,000	\$17,400,000	\$22,800,000	\$23,900,000	\$27,200,000	\$106,300,000	\$150,000,000	\$256,300,000
99S30	SANITARY SEWER REHABILITATION	No	Service	Varies	Keith Shirley	\$15,000,000	\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$90,000,000	\$100,000,000	\$190,000,000
16W04	Franklin WTP Water Quality Improvements	Yes	Design-Bid-Build	Procurement Construction	Nicole Bartlett	\$15,000,000	\$13,500,000	\$3,000,000	\$0	\$0	\$31,500,000	\$0	\$31,500,000
22S01	WSACC RRRWWTP EXPANSION PRG.	No	Design-Build	Construction	Chuck Bliss	\$13,600,000	\$6,800,000	\$8,600,000	\$8,600,000	\$2,900,000	\$40,500,000	\$0	\$40,500,000
18W12	960 ZONE NORTH-SOUTH TRANSMISS MAIN	No	Design-Build	Construction	Chuck Bliss	\$13,000,000	\$0	\$0	\$0	\$0	\$13,000,000	\$0	\$13,000,000
22S05	McAlpine WWTP Biosolids Treatment Facilities Reliability	Yes	Design-Bid-Build	Design	Chuck Cowherd	\$10,100,000	\$14,500,000	\$0	\$0	\$0	\$24,600,000	\$0	\$24,600,000
14S03	Little Hope Creek Sanitary Sewer Improvements	No	Design-Build	Construction	Chuck Bliss	\$10,000,000	\$14,000,000	\$0	\$0	\$0	\$24,000,000	\$0	\$24,000,000
22S01	Irwin Basin Tributary to Remount Rd	No	Design-Build	Construction	Chuck Bliss	\$10,000,000	\$0	\$0	\$0	\$0	\$10,000,000	\$0	\$10,000,000
99S40	NEW SERVICE INSTALLATIONS - SEWER	No	Service	Varies	Nicholas Stanziale	\$7,000,000	\$8,600,000	\$11,000,000	\$11,600,000	\$13,200,000	\$51,400,000	\$75,000,000	\$126,400,000
18S14	Mount Holly Lift Station/Forcemain	No	Design-Build	Construction	Nicole Bartlett	\$6,629,418	\$3,781,784	\$0	\$0	\$0	\$10,411,202	\$0	\$10,411,202
99S04	STREET MAIN EXTENSION - SEWER	No	Service	Procurement Construction	Marcus King	\$6,500,000	\$8,000,000	\$8,500,000	\$8,500,000	\$9,000,000	\$40,500,000	\$45,000,000	\$85,500,000
18S01	SEWER CAPACITY IMPROVEMENTS	No	Service	Construction	Bhavana Swayampakala	\$6,344,532	\$4,619,000	\$6,000,000	\$8,744,000	\$8,744,000	\$34,451,532	\$57,020,000	\$91,471,532
15S06	NUTRIENT HARVESTING AT McAlpine WWTP	Yes	Design-Build	Design	Chuck Bliss	\$6,000,000	\$10,000,000	\$0	\$0	\$0	\$16,000,000	\$0	\$16,000,000
15S01	WWTP REHAB & UPGRADES	No	Design-Bid-Build	Procurement AES	Chuck Cowherd	\$5,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$33,000,000	\$39,000,000	\$72,000,000
15W08	WTP REHAB & UPGRADES	No	Design-Bid-Build	Varies	Chuck Cowherd	\$5,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$29,000,000	\$25,000,000	\$54,000,000
21W02	Water Transmission Improvement	No	Design-Build	Design	Chuck Bliss	\$5,000,000	\$6,000,000	\$6,500,000	\$6,000,000	\$4,000,000	\$27,500,000	\$20,000,000	\$47,500,000
18W04	WTP RESIDUALS	No	Design-Bid-Build	Procurement AES	Nicole Bartlett	\$5,000,000	\$6,500,000	\$6,500,000	\$6,500,000	\$0	\$24,500,000	\$0	\$24,500,000
17S05	LARGE DIAMETER SANITARY SEWER REHAB	No	Service	Varies	Keith Shirley	\$5,000,000	\$0	\$4,000,000	\$4,000,000	\$4,000,000	\$17,000,000	\$50,000,000	\$67,000,000
20S08	Derita Branch Tributary Sewer Improvements	No	Design-Build	Construction	Chuck Bliss	\$5,000,000	\$10,000,000	\$0	\$0	\$0	\$15,000,000	\$0	\$15,000,000
18S15	Belmont Lift Station and Forcemain	Yes	Design-Bid-Build	Planning	Nicole Bartlett	\$4,400,000	\$18,381,005	\$15,317,504	\$0	\$0	\$38,098,509	\$0	\$38,098,509
20W02	Franklin WTP Reliability Improvements Project	No	TBD	Planning	Nicole Bartlett	\$4,000,000	\$4,000,000	\$7,000,000	\$10,000,000	\$2,000,000	\$27,000,000	\$0	\$27,000,000
19S14	SANI-SEWER CAPACITY ASSURANCE	No	Service	Planning	Bhavana Swayampakala	\$3,800,000	\$4,000,000	\$4,200,000	\$4,400,000	\$4,600,000	\$21,000,000	\$23,000,000	\$44,000,000
02S81	LIFT STATION IMPROVEMENTS	No	Design-Bid-Build	Design	Chuck Cowherd	\$3,000,000	\$7,500,000	\$7,500,000	\$500,000	\$500,000	\$19,000,000	\$2,500,000	\$21,500,000
19S12	M-CERP McDowell WWTP - Capacity Enhancement and Rehabilitation Project	No	Design-Bid-Build	Planning	Chuck Cowherd	\$2,000,000	\$3,000,000	\$20,000,000	\$24,000,000	\$4,700,000	\$53,700,000	\$0	\$53,700,000
19S08	Davidson South Street Sewer Replacement	No	Design-Build	Construction	Chuck Bliss	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
12W02	UTILITY MANAGEMENT SYSTEM	No	Service	Varies	Doug Groce	\$1,750,000	\$1,800,000	\$1,100,000	\$25,000,000	\$5,500,000	\$35,150,000	\$3,200,000	\$38,350,000
19S05	Ashe Plantation Phase II	No	Design-Bid-Build	Procurement Construction	Chuck Cowherd	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$3,000,000	\$0	\$3,000,000
20S03	Beaverdam Creek Lift Station Improvements	No	Design-Bid-Build	Construction	Chuck Bliss	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000	\$21,000,000	\$22,500,000
02W11	Technology Improvements	No	Service	Varies	Doug Groce	\$1,400,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,400,000	\$5,000,000	\$10,400,000
20S06	SS CONDITION BASED NEEDS ASSESSMENT	No	Service	Varies	Keith Shirley	\$1,200,000	\$0	\$1,200,000	\$1,200,000	\$1,200,000	\$4,800,000	\$6,000,000	\$10,800,000
20S18	McAlpine WWTP Preliminary and Primary Treatment Facilities Improvements	No	Design-Build	Planning	Chuck Cowherd	\$1,000,000	\$7,500,000	\$12,500,000	\$12,000,000	\$0	\$33,000,000	\$0	\$33,000,000
20W03	CBD Water Distribution Improvements	No	TBD	Planning	Bhavana Swayampakala	\$750,000	\$1,000,000	\$1,000,000	\$2,700,000	\$2,700,000	\$8,150,000	\$13,500,000	\$21,650,000
23W01	Lead and Copper Rule Revision	No	Design-Bid-Build	Design	Chuck Bliss	\$500,000	\$500,000	\$5,000,000	\$5,000,000	\$5,000,000	\$16,000,000	\$20,000,000	\$36,000,000
01S12	DEVELOPER CONST SEWER REIMB	No	TBD	Varies	Bhavana Swayampakala	\$500,000	\$1,846,260	\$1,846,260	\$1,280,000	\$880,000	\$6,352,520	\$640,000	\$6,992,520
21S05	Interbasin Transfer Management Project	No	TBD	Varies	Chuck Bliss	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
20M09	Security Improvements	No	Service	Varies	Vic Simpson	\$225,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,425,000	\$2,125,000	\$3,550,000
22W01	Water Transmission Main Clearing	No	Service	Construction	Chuck Bliss	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$1,000,000	\$2,000,000
18W14	Idlewild BPS Supply Main	No	Design-Build	Construction	Chuck Bliss	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
16S01	SEWER LIFT STATION FM REPL & REHAB	No	Service	Varies	Travis Hunnicutt	\$100,000	\$0	\$0	\$0	\$100,000	\$200,000	\$500,000	\$700,000
19S11	MALLARD CK BASIN SAN.SEWER IMPROV.	No	Design-Build	Design	Chuck Bliss	\$0	\$25,000,000	\$35,700,000	\$28,500,000	\$29,500,000	\$118,700,000	\$3,300,000	\$122,000,000
12W01	AMR Replacement Program	No	Service	Varies	Doug Groce	\$0	\$7,000,000	\$16,500,000	\$16,500,000	\$16,500,000	\$56,500,000	\$27,500,000	\$84,000,000
17S11	UPPER LITTLE SUGAR CREEK TRUNK SEWER	No	TBD	Planning	Nicole Bartlett	\$0	\$5,000,000	\$35,000,000	\$55,000,000	\$55,000,000	\$150,000,000	\$171,000,000	\$321,000,000

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01W13	Franklin WTP Main Bldg Renovation	No	Design-Bid-Build	Planning	Nicole Bartlett	\$0	\$5,000,000	\$6,000,000	\$0	\$0	\$11,000,000	\$0	\$11,000,000
18W13	960 ZONE WEST-EAST TRANSMISSIO MAIN	No	Design-Bid-Build	Design	Nicole Bartlett	\$0	\$4,775,000	\$16,000,000	\$16,700,000	\$16,000,000	\$53,475,000	\$0	\$53,475,000
20W01	Dukes WTP Reliability Improv & Residuals Project	No	Design-Bid-Build	On hold	Nicole Bartlett	\$0	\$4,500,000	\$5,500,000	\$0	\$0	\$10,000,000	\$0	\$10,000,000
17S16	TRUNK SEWER STREAM BANK REPAIRS	No	Design-Bid-Build	Procurement Construction	Chuck Bliss	\$0	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$14,000,000	\$14,000,000	\$28,000,000
16W23	Water Meter Program	No	Service	Varies	Jon Behrendt	\$0	\$3,300,000	\$3,000,000	\$2,700,000	\$2,400,000	\$11,400,000	\$12,300,000	\$23,700,000
19W05	North Hoskins Water Transmission to Starrita	No	TBD	Planning	Bhavana Swayampakala	\$0	\$2,000,000	\$8,850,000	\$17,195,000	\$17,195,000	\$45,240,000	\$13,770,000	\$59,010,000
20S22	NCDOT WIDENING-SEWER	No	TBD	Varies	Chuck Bliss	\$0	\$2,000,000	\$2,000,000	\$4,000,000	\$4,000,000	\$12,000,000	\$24,000,000	\$36,000,000
20W10	NCDOT WIDENING-WATER	No	TBD	Varies	Chuck Bliss	\$0	\$2,000,000	\$2,000,000	\$3,500,000	\$3,500,000	\$11,000,000	\$17,500,000	\$28,500,000
99W03	WATER TREATMENT BPS IMPROVEMENTS	No	Design-Bid-Build	Planning	Chuck Cowherd	\$0	\$1,500,000	\$3,000,000	\$1,500,000	\$1,500,000	\$7,500,000	\$5,000,000	\$12,500,000
02W71	GIS FACILITIES MAPPING	No	Service	Varies	Doug Groce	\$0	\$1,349,000	\$1,749,000	\$1,749,000	\$1,749,000	\$6,596,000	\$7,790,000	\$14,386,000
19W06	978 Zone PCCP Replacement Main	No	TBD	Planning	Bhavana Swayampakala	\$0	\$1,300,000	\$1,300,000	\$2,800,000	\$2,800,000	\$8,200,000	\$0	\$8,200,000
99W19	STREET MAIN EXTENSION - WATER	No	Service	Procurement AES	Marcus King	\$0	\$1,000,000	\$2,000,000	\$5,000,000	\$5,000,000	\$13,000,000	\$15,000,000	\$28,000,000
19W01	WATER DIST DESIGN & RELIABILITY IMP	No	Service	Varies	Marcus King	\$0	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$7,000,000	\$10,000,000	\$17,000,000
22M01	PRIMARY BUILDING CAPITAL IMPROV.	No	Service	Construction	Nicole Bartlett	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$5,000,000	\$9,000,000
22M03	REAL ESTATE & ASSET MANAGEMENT	Yes	Service	Varies	Chuck Bliss	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$5,000,000	\$9,000,000
22M02	Charlotte Water Electrification Program	No	Design-Bid-Build	Planning	Nicole Bartlett	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$0	\$4,000,000
20M06	Water And Wastewater Roofing Replacement Program Phase 2 (5 Year Program)	Yes	Design-Bid-Build	Procurement Construction	Chuck Cowherd	\$0	\$1,000,000	\$1,000,000	\$500,000	\$500,000	\$3,000,000	\$0	\$3,000,000
23M01	ADA Improvements	No	Service	Procurement AES	Travis Hunnicutt	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$2,500,000	\$4,500,000
21M02	CONTROL SYSTEM ENHANCEMENTS	No	Service	Varies	Travis Hunnicutt	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$2,500,000	\$4,500,000
15W06	BUILDING AND FACILITY SUPPORT	No	Service	Varies	Travis Hunnicutt	\$0	\$400,000	\$400,000	\$400,000	\$400,000	\$1,600,000	\$2,000,000	\$3,600,000
99W05	ELEVATED WATER STORAGE TANK REHAB	No	Design-Bid-Build	Planning	Chuck Cowherd	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000	\$1,000,000	\$1,800,000
01S03	Work And Asset Management System	No	Service	Varies	Doug Groce	\$0	\$150,000	\$75,000	\$75,000	\$75,000	\$375,000	\$375,000	\$750,000
03W15	VALVE REHAB AND REPLACEMENT	Yes	Design-Bid-Build	Planning	Nicole Bartlett	\$0	\$75,000	\$1,000,000	\$1,000,000	\$1,000,000	\$3,075,000	\$5,000,000	\$8,075,000
20M03	Water And Wastewater WIMS Program	No	Service	Varies	Doug Groce	\$0	\$50,000	\$75,000	\$50,000	\$75,000	\$250,000	\$300,000	\$550,000
20W08	WATER DIST ELEVATED STORAGE TANKS	No	Design-Bid-Build	Construction	Chuck Bliss	\$0	\$0	\$8,000,000	\$8,000,000	\$0	\$16,000,000	\$0	\$16,000,000
20S05	Toby Creek Basin Sewer Improvements	No	Design-Build	Pre-Construction	Chuck Bliss	\$0	\$0	\$5,000,000	\$15,000,000	\$15,000,000	\$35,000,000	\$0	\$35,000,000
17S09	WWTP UV DISINFECTION SYSTEM IMPROVE	No	TBD	Planning	Chuck Cowherd	\$0	\$0	\$3,800,000	\$4,500,000	\$0	\$8,300,000	\$0	\$8,300,000
18W08	PRESSURE ZONE BOUNDARY CHANGES	No	Design-Build	Construction	Nicole Bartlett	\$0	\$0	\$3,000,000	\$0	\$0	\$3,000,000	\$0	\$3,000,000
19W04	Statesville Rd Booster Pump Station and Starrita Booster Pump Station Decommissioning	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$2,150,000	\$2,150,000	\$4,850,000	\$9,150,000	\$4,850,000	\$14,000,000
99W09	WATER LINES FOR STREET IMPROVEMENT	No	TBD	Varies	Chuck Bliss	\$0	\$0	\$2,000,000	\$1,000,000	\$0	\$3,000,000	\$17,500,000	\$20,500,000
99S15	SEWER IN STREETS TO BE WIDENED	No	TBD	Varies	Chuck Bliss	\$0	\$0	\$2,000,000	\$1,000,000	\$0	\$3,000,000	\$14,000,000	\$17,000,000
16W08	Catawba River Pump Station Expansion Project	No	Design-Bid-Build	Planning	Chuck Cowherd	\$0	\$0	\$1,500,000	\$11,000,000	\$11,000,000	\$23,500,000	\$0	\$23,500,000
05W06	Water Distribution Flow Monitoring	No	Design-Bid-Build	On hold	Nicole Bartlett	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$1,000,000
24S01	Irwin Creek Sanitary Sewer Improvements Program	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$720,000	\$720,000	\$8,300,000	\$9,740,000	\$90,000,000	\$99,740,000
20W06	WATER MAINS FOR TRANSIT PROJECTS	No	TBD	Planning	Chuck Bliss	\$0	\$0	\$500,000	\$500,000	\$2,000,000	\$3,000,000	\$10,000,000	\$13,000,000
20S20	SEWER MAINS FOR TRANSIT PROJECTS	No	TBD	Planning	Chuck Bliss	\$0	\$0	\$500,000	\$500,000	\$2,000,000	\$3,000,000	\$10,000,000	\$13,000,000
17S01	VACUUM TRUCK DEBRIS RCVG STATION	Yes	Design-Bid-Build	Construction	Chuck Cowherd	\$0	\$0	\$400,000	\$2,000,000	\$2,000,000	\$4,400,000	\$0	\$4,400,000
15W01	Water Quality Sampling Stations	Yes	Design-Bid-Build	Construction	Chuck Bliss	\$0	\$0	\$300,000	\$300,000	\$300,000	\$900,000	\$1,500,000	\$2,400,000
24S02	Stowe RWRRF Expansion to 25 MGD	No	TBD	Planning	Nicole Bartlett	\$0	\$0	\$0	\$25,000,000	\$33,000,000	\$58,000,000	\$57,861,000	\$115,861,000
06S13	MCDOWELL BASIN TRUNK SEWERS	No	Design-Bid-Build	Design	Nicole Bartlett	\$0	\$0	\$0	\$18,200,000	\$18,200,000	\$36,400,000	\$7,900,000	\$44,300,000
24S03	Sugar Creek WWTP Expansion to 28 MGD	No	TBD	Planning	Chuck Bliss	\$0	\$0	\$0	\$10,000,000	\$9,470,000	\$19,470,000	\$175,230,000	\$194,700,000
21S02	Sugar Creek IPS/Preliminary Treatment Reliability Improvements	No	Design-Bid-Build	Design	Chuck Cowherd	\$0	\$0	\$0	\$2,000,000	\$6,500,000	\$8,500,000	\$6,500,000	\$15,000,000
18W19	Sardis Booster Pump Station Supply Line	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$4,000,000	\$8,700,000	\$12,700,000
18W26	Sardis BPS to Lebanon Tank Transmission Main	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$1,300,000	\$2,700,000	\$4,000,000	\$0	\$4,000,000
12W03	METER MANAGEMENT TECHNOLOGY IMPROV.	No	Service	Varies	Doug Groce	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000	\$350,000	\$450,000

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18W09	978 North-South Transmission Main	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$0	\$10,900,000	\$10,900,000	\$50,900,000	\$61,800,000
18W18	Lee S. Dukes WTP Expansion	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$0	\$9,500,000	\$9,500,000	\$52,700,000	\$62,200,000
18W10	Mallard Connector Main	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$0	\$3,600,000	\$3,600,000	\$19,500,000	\$23,100,000
24S04	PCPS FM to Stowe RWRRF	No	TBD	Planning	Nicole Bartlett	\$0	\$0	\$0	\$0	\$2,400,000	\$2,400,000	\$22,000,000	\$24,400,000
18W20	Plaza Storage Tank Reinforcement Main	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$3,300,000	\$4,800,000
18W01	E-Builder Capital Program	No	Service	Varies	Doug Groce	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$500,000	\$600,000
13W02	LIMS REPLACEMENT	No	Service	Varies	Doug Groce	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$200,000	\$250,000
06S14	McMULLEN CR BASIN PROGRAM	Yes	Design-Bid-Build	On hold	Nicole Bartlett	\$0	\$0	\$0	\$0	\$0	\$0	\$28,800,000	\$28,800,000
18W11	Franklin WTP West Main Extension	No	TBD	Planning	Bhavana Swayampakala	\$0	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$3,700,000
22M04	PAVING/PATCHING@CLTW FACILITIES	No	Service	Varies	Chuck Bliss	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99S13	SITE WORK AT ALL WWTP'S	No	Service	Varies	Chuck Cowherd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18W02	AVL System Implementation	No	Service	Varies	Doug Groce	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<sup>1</sup> **Early Bird** : The City of Charlotte's centralized business opportunity pipeline website that keeps the public informed of projects Charlotte Water anticipates advertising in the near future. <https://earlybird.charlotteopenforbusiness.com/>

<sup>2</sup> **Project Life Cycle Phases:**

**Planning** : Planning involves defining a project's scope, stakeholders, timeline, risks, and schedule.

**Procurement AES** : The process of acquiring architectural, engineering, and surveying services needed to complete a project on time and within a budget.

**Design** : The period during a project where the architect/engineer conducts studies and develops specifications and drawings to build the desired infrastructure.

**Procurement Construction** : The process of securing products, equipment, and services needed to complete a construction project on time and within a budget.

**Pre-Construction** : This involves securing permits or entitlements, and gathering the labor and resources required for construction

**Construction** : Contractors work together to construct the project based on the specifications and drawings developed during the design phase.

**On Hold** : Projects are labeled 'On hold' when projects need more resources, lack certain material or labor requirements or need a review from clients or other managers.

Category	Total FY24	Total 5 Year	Total 10 Year
Other	\$3,375,000	\$123,546,000	\$187,886,000
Sewer	\$338,946,312	\$1,801,824,505	\$3,087,895,505
Water	\$100,489,587	\$706,229,587	\$1,317,949,587
<b>Total</b>	<b>\$442,810,899</b>	<b>\$2,631,600,092</b>	<b>\$4,593,731,092</b>