

NORTH SUMTER COUNTY UTILITY DEPENDENT DISTRICT (NSCUDD)

**Central Sumter Utilities (CSU) - Water and Wastewater System
Sumter Water Conservation Authority (SWCA) - Irrigation & Fire Protection System**

CSU/SWCA Five Year Capital Improvement and Major Maintenance Plan

Facility	Project Area	Recommended Work	Account	2023-24	2024-25	2025-26	2026-27	2027-2028	5 Year Total
CSU WWTP	Headworks	Auto Screen Bypass	633	65,000	0	0	0	0	65,000
CSU WWTP	Headworks	Install Headworks Bypass	633	135,500	0	0	0	0	135,500
CSU WWTP	Headworks	Repair Coating on Headworks	462	165,000	0	0	0	0	165,000
CSU WWTP	Oxidation Ditch No. 2	Grit Removal	462	200,000	0	0	0	0	200,000
CSU WWTP	Sodium Hypochlorite Facilities	Storage Tank Replacement & Piping	633	25,000	275,000	0	0	0	300,000
CSU WWTP	Traveling Bridge	Filters No. 1 & 2 - Sand Replacement	462	70,000	0	0	0	0	70,000
CSU WWTP	Traveling Bridge	Filter Weir Plate	462	10,000	0	0	0	0	10,000
CSU WWTP	Inplant Lift Station	Coat Wetwell	462	210,000	0	0	0	0	210,000
CSU WWTP	Inplant Lift Station	Replace Pump Guide Rails	462	80,000	0	0	0	0	80,000
		Subtotal		960,500	410,000	150,000	125,000	555,000	2,200,500
General Lift Station	Lift Stations Wet Wells	FOG Remedation	462	70,000	0	0	0	0	70,000
General Lift Station		Valve Vault Drain Investigation	633	10,000	0	0	0	0	10,000
Lift Station No 7	Pumps	Replace Pumps with N-Series	462	25,000	0	0	0	0	25,000
Lift Station No 8	Pumps	Replace Submersible Pump #2	462	6,900	0	0	0	0	6,900
Lift Station No 10	Pumps	Replace Pumps with N-Series	462	25,000	0	0	0	0	25,000
Lift Station No 24	Pumps	Replace Submersible Pump #1	462	11,700	0	0	0	0	11,700
Lift Station No 27	Pumps	Replace Submersible Pump #2	462	10,700	0	0	0	0	10,700
Lift Station No 28	Pumps	Replace Submersible Pump #2	462	11,700	0	0	0	0	11,700
Collection System		Manhole Rehab and Replacements	633	200,000	200,000	200,000	200,000	200,000	1,000,000
Transmission System		Air Release Valve Replacement	462	40,000	40,000	40,000	0	0	120,000
		Subtotal		411,000	345,500	1,028,000	1,300,000	500,000	3,584,500
General - Water System	General - Water System	Potable Pipe Material DEP Reporting	312	5,000	0	0	0	0	5,000
WTP 1	Iron Filter	Filter Rehab, PLC & Media Replacement	633	970,000	0	0	0	0	970,000
WTP 1	Clear Well	Structural Inspection & Cleaning	462	20,000	0	0	0	0	20,000
WTP 1	Biofilter	Coat Sump Area	462	82,500	0	0	0	0	82,500
WTP 1	Disinfection System	Chlorine Room - Add Auto Gas Shut Off Valves on Tanks	633	25,000	90,000	0	0	0	115,000
		Subtotal		1,102,500	250,000	577,000	50,000	62,000	2,041,500
General - Irrigation/Fire System	Irr/Fire Distribution System	Unidirectional Flushing	349	180,000	110,000	0	0	0	290,000
General - Irrigation/Fire System		Remote Capabilities at Transfer Stations (5)	633	105,000	80,000	0	0	0	185,000
General - Irrigation/Fire System		Storage Shelves at Stations	462	1,000	0	0	0	0	1,000
Station 5	Jockey Pump	Pump Station No. 5 Jockey Pump Rebuild	462	12,000	0	0	0	0	12,000
		Subtotal		298,000	240,000	185,000	185,000	185,000	1,093,000
Residential Potable	Distribution System	Meter Repairs, 4% replacement of 13,863 meters	526	120,000	120,000	120,000	30,000	30,000	420,000
Residential Irrigation	Irr/Fire Distribution System	Meter Repairs, 3% replacement of 13,858 meters	526	90,000	90,000	90,000	30,000	30,000	330,000
Commercial Potable	Distribution System	Meter Repairs, 3% replacement of 339 meters	526	10,000	10,000	10,000	2,300	2,300	34,600
Commercial Irrigation	Irr/Fire Distribution System	Meter Repairs, 3% replacement of 530 meters	526	10,000	10,000	10,000	3,600	3,600	37,200
Metering System - CSU	Distribution System	Implementation of Advanced Meters	633	25,000	1,345,500	1,345,500	1,345,500	0	4,061,500
Metering System - SWCA	Distribution System	Implementation of Advanced Meters	633	25,000	1,380,000	1,380,000	1,380,000	0	4,165,000
		Subtotal		280,000	2,955,500	2,955,500	2,791,400	65,900	9,048,300
GIS/Cityworks		GIS/Cityworks Implementation	349	69,000	69,000	0	0	0	138,000
SCADA System		SCADA Master Plan	633	531,111	894,268	224,296	218,316	63,195	1,931,185.80
Maintenance System		AWIA Compliance (Key Card Door Access)	462	50,000	50,000	0	0	0	100,000
		Subtotal		650,111	1,013,268	284,296	293,316	241,945	2,482,936
		Combined Subtotal without Fees		3,702,111	5,214,268	5,179,796	4,744,716	1,609,845	20,450,736
Engineering Services		Engineering Services - Vikus	312	200,000	210,000	210,000	220,000	220,000	1,060,000
Capital Plan Engineering		Capital Plan Engineering - Vikus	312	120,000	210,000	130,000	120,000	40,000	620,000
Engineering Services		Engineering - Other	312	20,000	20,000	20,000	20,000	20,000	100,000
		Subtotal		340,000	440,000	360,000	360,000	280,000	1,780,000

CSU/SWCA Five Year Capital Improvement and Major Maintenance Plan

Facility	Project Area	Recommended Work	Account	2023-24	2024-25	2025-26	2026-27	2027-2028	5 Year Total
		GRAND TOTAL		4,042,111	5,654,268	5,539,796	5,104,716	1,889,845	22,230,736
		Engineering Services	312	345,000	440,000	685,000	560,000	280,000	2,310,000
		Misc. Contractual Services	349	249,000	179,000	0	0	0	428,000
		Building/Structure Maintenance	462	1,101,500	430,500	935,000	225,000	362,000	3,054,000
		Meter Repairs	526	230,000	230,000	230,000	65,900	65,900	821,800
		Infrastructure	633	2,116,611	4,374,768	3,689,796	4,253,816	1,181,945	15,616,936
		GRAND TOTAL		4,042,111	5,654,268	5,539,796	5,104,716	1,889,845	22,230,736