

VILLAGE CENTER COMMUNITY DEVELOPMENT DISTRICT

Little Sumter Service Area (LSSA) - Water and Wastewater System

LSSA Five Year Capital Improvement and Major Maintenance Plan

Project Area	Recommended Work	Account	2022-23	2023-24	2024-25	2025-26	2026-27	5 Year Total
Headworks	Headworks - Coating/RAS & Bypass/ARV/Slide Gates/Odor	633	250,000					250,000
Headworks	Headworks - Screen Replacement	633			150,000	642,000		792,000
Oxidation Ditch	OD No. 3 - Spare 100 hp Motor	633						0
Oxidation Ditch	OD No. 2 - Grit Removal	462				85,000		85,000
Oxidation Ditch	OD No. 2 Anoxic Mixer Gear Box Replacement	633	50,000					50,000
Oxidation Ditch	OD No. 1 - Grit Removal	462				85,000		85,000
Oxidation Ditch	OD No. 3 - Grit Removal	462			160,000			160,000
Oxidation Ditch	OD No. 3 - Aerator Gear Boxes Rebuilds	633			150,000			150,000
Oxidation Ditch	OD No. 3 - Discharge Weir Replacement	633			100,000			100,000
Clarifiers	Clarifiers (3) - Coating No. 1 & No. 2 Internals	462		175,000				175,000
Clarifiers	Clarifier (3) - Gear Boxes Rebuilds	633	150,000					150,000
RAS/WAS System	RAS Pit - Structural Inspection	319			50,000			50,000
RAS/WAS System	RAS/WAS Electrical & WAS Pump Replacement	633		270,000				270,000
Traveling Bridge	Filters (2 or 5) - Recoating	462			200,000			200,000
Traveling Bridge	Filter (5) - Sand Replacement	462			175,000			175,000
Traveling Bridge	Filters - Electrical Upgrades (Panels, Festoons, etc)	633					200,000	200,000
Sodium Hypochlorite Facilities								0
Sludge Tank Blowers	Blowers (3) - Replacement and Building Removal	633	125,000	1,030,000				1,155,000
Sludge Holding Tanks	Wet Sludge Facilities - Decommissioning	462						0
Sludge Holding Tanks	Sludge Holding (3) - Recoatings	462		230,000				230,000
Reclaimed Water System	HSP - Pumping Improvements	633	1,030,000					1,030,000
Reclaimed Water System	HSP No. 1 Electrical Motor Rewind	462						0
Reclaimed Water System	RIBS - SC RIBS Improvements	633	130,000	825,000				955,000
Effluent Holding Basins	Reject and Effluent Holding Basin - Re-Lining	633			125,000	525,000		650,000
Belt Filter Press	Belt Filter Press & Polymer Feed (Mech & Elec) Rehabilitation	633						0
Belt Filter Press	Belt Filter Press - Conveyor	633						0
Belt Filter Press	Biosolids Disposal Evaluation	312			100,000			100,000
Inplant Lift Station	Rehab Station (Mech, Electrical, Pumps and Coating)	633			50,000	210,000		260,000
Plant Site	Main Disconnects (2) - Replacement	633		100,000	625,000			725,000
Plant Site	Driveway (Existing Asphalt) - Repavement	462		20,000	100,000			120,000
Electrical	Replace Surge Modules	462				50,000		50,000
BFP Building	Corrosion on Base of Structural Members	622						0
MCC/Electrical Buildings	Rusting Doors	462						0
	Subtotal		1,735,000	2,650,000	1,985,000	1,597,000	200,000	8,167,000
	Pump Replacements (Five per year)	462		50,000	60,000	60,000	70,000	240,000
	Misc Lift Station Repairs	462		55,000	65,000	65,000	75,000	260,000
	FOG Remediation	462	20,000	50,000				70,000
	Submersible Pump #1 Replace	462	5,700					5,700
	LS 3 - Rehab Station (Mech, Electrical and Coating)	633					50,000	50,000
	LS 4 - Rehab Station (Mech, Elect, Pumps and Coating)	633		60,000	250,000			310,000
	LS 5 - Rehab Station (Mech, Elect,Pumps and Coating)	633	235,000					235,000

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	LS 6- Rehab Station (Mech, Elect, Pumps and Coating)	633	50,000	235,000				285,000
	LS 7- Rehab Station (Mech, Elect, Pumps and Coating)	633	50,000	235,000				285,000
								0
	LS 9 - Rehab Station (Mech, Elect, Pumps and Coating)	633		60,000	250,000			310,000
	LS 10 - Rehab Station (Mech, Elect, Pumps and Coating)	633	235,000					235,000
	LS 11 - Rehab Station (Mech, Elect, Pumps and Coating)	633			60,000	250,000		310,000
	LS 12 - Rehab Station (Mech, Elect, Pumps and Coating)	633			60,000	250,000		310,000
	LS 13 - Rehab Station (Mech, Elect, Pumps and Coating)	633				60,000	250,000	310,000
	LS 14 - Rehab Station (Mech, Elect, Grinder Pumps and Coating)	633			60,000	250,000		310,000
								0
								0
	Desktop - I & I Study	319			200,000			200,000
	Candlebrook Force Main Relining/Replacement	633			55,000	225,000		280,000
	Collection System Inspection	319					250,000	250,000
	Collection System Repair	633						0
	ARVs & Vaults - Replacement	633						0
	Subtotal		595,700	745,000	1,060,000	1,160,000	695,000	4,255,700
Distribution System	Valve Replacement Program	633	75,000	75,000	75,000	50,000	50,000	325,000
Distribution System	Hydrant - Sunrise Café	633						0
Distribution System	Fire Hydrant Replacements	462	50,000	50,000	50,000	50,000	50,000	250,000
Distribution System	Installation of System Blowoffs	633						0
Distribution System	Belle Meade - WM Replacement and Looping	633		100,000	350,000			450,000
Distribution System	Interconnect Rehab (Modero, El Camino, Bob Evans-manual)	633	50,000	150,000				200,000
Elevated Storage Tank	EST - Replace Riser Pipe and Flapper Valve	633	150,000					150,000
Elevated Storage Tank	Repair Delaminating Wet Coating	462	30,000					30,000
Elevated Storage Tank	Grounding/Lightning Protection	633	345,000					345,000
High Service Pumps	HSP No. 3 - Soft Start Replacement with VFD	462	18,000					18,000
Yard Piping	Blowoff - Re-piping	462	30,000	110,000				140,000
High Service Pumps	HSP (1) - Rebuild (150 hp)	462		20,000				20,000
High Service Pumps	HSP #3 Replace Soft Start with VFD	633	55,000					55,000
High Service Pumps	HSP No. 1, 2 and 3 BFV Replacment	462						0
Disinfection System	WTP 2 Chlorine Injection Rehab	633			50,000	150,000		200,000
Ground Storage Tank	Replace Exterior Level Gauge	462						0
Ground Storage Tank	Int. Cleaning, Crack Repair, Ladder Replacement	462		100,000				100,000
Disinfection System	Chlorine Equipment Replacement and Gas Auto Shut Off Valves	633	40,000	125,000				165,000
Ground Storage Tank	External Coating and Crack Repair	462		100,000				100,000
High Service Pumps	HSP No. 3 & 4 - Soft Start Replacements	462						0
Well No. 4	Motor & Ratchet Assembly Rebuild (100 hp)	462						0
Generator	Generator - Steps & Platform Addition	462	40,000					40,000
Ground Storage Tank	Repaint/Repair GST	462	60,000					60,000
Well Site No. 3	Hard Pipe Flushing Main and Roof Replacement	622	430,000					430,000
Well No. 7	Rebuild Pump and TV Well (150 hp)	462	40,000					40,000
Well Pump Motor	Rebuild Motor	462	8,000					8,000
Disinfection System	Chlorine Equipt Replacement and Gas Auto Shut Off Valves	633	40,000	125,000				165,000
Site	Security System - Lighting	462						0
Iron Treatment	Iron Filtration System	633				75,000	1,500,000	1,575,000
	Subtotal		1,461,000	955,000	525,000	325,000	1,600,000	4,866,000

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Distribution System	Meter Repairs, 5% replacement of 12,691 meters	526	140,000	140,000	140,000			420,000
Distribution System	Meter Repairs, 3% replacement of 740 meters	526	10,000	10,000	10,000			30,000
Distribution System	Implementation of AMI Meters	633	0	444,000	2,331,000	2,331,000	0	5,106,000
	Subtotal		150,000	594,000	2,481,000	2,331,000	0	5,556,000
	VFD Program	633	75,000					75,000
	PLC Program	633	75,000	250,000	100,000	250,000		675,000
	Run to Fail Pumps/Equipment & Acts of God	633						0
	SCADA Security & Upgrade (FY 20/21)	633	103,250	142,750	375,000	104,000		725,000
	VT SCADA	633	259,500					259,500
	AWIA Compliance (Key Card Door Access)	462	50,000	50,000				100,000
	Subtotal		562,750	442,750	475,000	354,000	0	1,834,500
	Combined Subtotal without fees or equipment		4,504,450	5,386,750	6,526,000	5,767,000	2,495,000	24,679,200
	Engineering Services - Arnett	312	215,000	215,000	225,000	225,000	230,000	1,110,000
	Capital Plan Engineering (Arnett)	312	230,000	220,000	330,000	290,000	120,000	1,190,000
	Other Engineering Services	312	30,000	30,000	30,000	30,000	30,000	150,000
	Subtotal		475,000	465,000	585,000	545,000	380,000	2,450,000
	Grand Total		4,979,450	5,851,750	7,111,000	6,312,000	2,875,000	27,129,200
	PREVIOUS ESTIMATES							
	2021 Plan for 21/22		5,459,994	4,378,369	4,643,396	7,356,076	0	
	2020 Plan for 20/21		2,278,069	1,733,069	1,698,069	0	0	
			480,544	(1,473,381)	(2,467,604)	1,044,076	(2,875,000)	(5,291,365)
	Engineering Services	312	475,000	465,000	685,000	545,000	380,000	2,550,000
	Other Professional Services	319	0	0	250,000	0	250,000	500,000
	Building/Structure Maintenance	462	351,700	1,010,000	810,000	395,000	195,000	2,761,700
	Meter Repairs	526	150,000	150,000	150,000	0		450,000
	Buildings	622	430,000	0	0	0	0	430,000
	Infrastructure	633	3,572,750	4,226,750	5,216,000	5,372,000	2,050,000	20,437,500
	Vehicles	641	0	0	0	0	0	0
	Capital FF&E	642	0	0	0	0	0	0
	Grand Total		4,979,450	5,851,750	7,111,000	6,312,000	2,875,000	27,129,200