

**Clay County Utility Authority
2021/2022 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2021**

	ADJUSTED FISCAL YEAR 2020/2021	Fiscal Year 2021/2022	Fiscal Year 2022/2023	Fiscal Year 2023/2024	Fiscal Year 2024/2025	Fiscal Year 2025/2026	TOTALS
REVENUES:							
Balance October 1, 2020, to include Transfers	139,693,193						139,693,193
Funds Spent on Jobs Prior to FY 2019/2020	(54,793,809)						(54,793,809)
Renewal, Replacement & Betterment	2,398,255	2,414,518	2,486,954	2,561,563	2,638,410	2,717,562	15,217,262
Departmental Capital Transfer	597,925	1,052,400	1,000,000	1,000,000	1,000,000	1,000,000	5,650,325
Environmental Reuse Capital Fund Transfer	1,046,954	1,140,408	1,151,812	1,163,330	1,174,964	1,186,713	6,864,181
Capacity Fees Transfer	2,653,134	4,078,314	4,282,230	4,496,341	4,721,158	4,957,216	25,188,393
Grant Revenue	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,500,000
Alternative Water Supply Transfer	649,644	688,309	708,958	730,227	752,134	774,698	4,303,970
Debt Service Charge	170,340	200,400	200,400	200,400	200,400	200,400	1,172,340
Surplus Transfer (Operating Contingency Utility & Capital Reserve, includes add'l R&R)	3,416,509	3,775,457	4,009,994	4,130,294	4,254,203	4,381,829	23,968,285
Restricted Interest Earnings	50,644	5,120	10,000	15,000	15,000	15,000	110,764
Borrowing/Utilization of Surplus Funds if needed	(53,803,503)	36,522,706	42,144,817	22,192,988	14,543,732	30,291,582	91,892,323
Balances After Transfers	45,079,286	51,377,632	57,495,165	37,990,143	30,800,000	47,025,000	269,767,226
CAPITAL EXPENDITURES:							
RENEWAL, REPLACEMENT & BETTERMENT							
Departmental Capital	949,320.82	1,052,400.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	6,001,720.82
Knight Boxx/Old Jennings Force Main Extension	0.00		100,000.00	214,000.00			314,000.00
Keystone Club Estates - Plant Upgrades	0.00		1,000,000.00	2,000,000.00			3,000,000.00
Rehab SP WW Clarifer #1/under drain 1-2	100,000.00	900,000.00					1,000,000.00
CL2 Storage Tanks - Multiple WTPS	20,151.89	50,000.00					70,151.89
Ridgecrest WTP - Replace Softstart & Crossline Starters with VFD's	923,462.26	568,016.26					1,491,478.52
Lake Asbury WM Improvements (602 Lake Asbury Road & Aldersgate St.)	0.00		845,000.00				845,000.00
Wesley RD WM Improvements (Branscomb Road to Arthur Moore Drive)	0.00		801,500.00				801,500.00
ERP Software Replacement		1,400,000.00					1,400,000.00
Keystone Heights - Brooklyn Bay Road Water Main Rehabilitation	0.00	9,000.00					9,000.00
Keystone Heights - Lakeside Street/Hilltop Street Water Main Rehabilitation	0.00		115,500.00				115,500.00
Lift Station SCADA System	0.00			750,000.00			750,000.00
Meadowbrook WTP Upgrades - (GST #3 repair, Transfer switch, GST #2 roof repair, Aerator repair)	72,000.00	1,000,000.00	2,453,000.00				3,525,000.00
Miller St. WWTP Upgrades (Complete Paving of Loop Road, Refurbish Influent Structure (Exterior))	0.00		646,070.00				646,070.00
Ravines Off-Site Mains - Middleburg W&S Extensions	1,238,000.00						1,238,000.00
Ridaught WTP - Phase I GST Upgrades	50,000.00	1,100,000.00					1,150,000.00
Ridaught WRF Upgrades (Install Micro-screen, Grit Removal Equipment, and Influent, Rehabilitation)	103,936.00	1,663,706.00	1,433,034.00	260,394.00			3,461,070.00
Spencers WTP - Ground Storage & High Service Pump	0.00			70,000.00	600,000.00		670,000.00
WRF SCADA System					1,000,000.00		1,000,000.00
Water SCADA System			750,000.00				750,000.00
CR 218 widening from Pine Tree Lane to Cosmos	425,000.00		500,000.00				925,000.00
Sandridge Road widening from Henley to CR 209		150,000.00	300,000.00				450,000.00
CR 220 widening Baxley to Henley Rd		575,000.00					575,000.00
CR 220 widening from Henley to Knightbox		420,000.00					420,000.00
Fleming Oaks WTP Electrical Upgrades & Hydro Tank			175,000.00	800,000.00			975,000.00
Pace Island WTP: Electrical & Hydro Tank Upgrades (Replace Hydrotank Tank #1 and Electrical)			200,000.00	800,000.00			1,000,000.00

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	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	
Rehab PS 4 & PS 62. Manifold PS 67 if feasible		200,000.00	800,000.00				1,000,000.00
Server Lifecycle Replacement					1,750,000.00		1,750,000.00
Upgrade Lift Stations 11, 41, 69, 51			500,000.00	500,000.00			1,000,000.00
Upgrade Lift Station 98					500,000.00		500,000.00
Upgrade Lift Stations 9, 43, 24, 59					500,000.00	500,000.00	1,000,000.00
WTP Ground Storage Tanks: add Handrails		576,000.00					576,000.00
Fleming WRF Clarifier No. 1 Upgrade	50,000.00	1,158,000.00					1,208,000.00
Water Plant Meters Retrofits	0.00		100,000.00	300,000.00	300,000.00	300,000.00	1,000,000.00
Ridaught/Greenwood/Lucy Branch/Orange Park South WTP Consolidation and Upgrades	0.00	250,000.00					250,000.00
Meadowbrook Well Rehab	70,000.00	630,000.00					700,000.00
Insituform R&R		1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	5,000,000.00
Kingsley Cove WTP Well Rehab				350,000.00			350,000.00
Projects Removed after engineering assessment	20,934,902.08						20,934,902.08
SYSTEM EXPANSION							
Governor's Park WWTF Design and Build	25,000.00	1,000,000.00	2,500,000.00				3,525,000.00
Governor's Park WTP Design and Build	2,400.00	975,000.00	3,262,500.00	3,262,500.00			7,502,400.00
Brannen Mill Extension - Challenger Center	2,200,000.00						2,200,000.00
Meadow Lake WTP-New Ground Storage Tank and Electrical Service upgrade	363,093.00	1,834,953.00	611,651.00				2,809,697.00
Saratoga Springs WTP - Phase I	1,211,426.55	1,137,327.00	1,858,592.00	309,765.00			4,517,110.55
Saratoga Springs RWP - Phase I	1,160,831.00	446,202.00	1,119,300.00	261,597.00			2,987,930.00
FCOB Utility Crossings	2,211,096.93						2,211,096.93
FDOT Middleburg Water and Sewer Relocations	602,241.10						602,241.10
Saratoga Springs Offsite Main Extensions	485,323.00	2,299,677.00					2,785,000.00
Mid Clay WWTP - Phase II Plant Expansion	582,615.00	4,500,000.00	2,167,385.00				7,250,000.00
Fleming Island Reg. WWTP - 2nd BCR Plant, Two Tanks	200,000.00	5,000,000.00	2,000,000.00				7,200,000.00
Fleming Island Reg. WWTP Upgrades (#3 BTU Installation, Design, Repair/Restoration of #1 BTU)	2,149,000.00	4,371,000.00					6,520,000.00
Fleming Island WWTF Clarifier No. 2 Evaluation and Repair	140,000.00						140,000.00
2019-054 Doctors Lake Restoration Project	236,340.52	175,000.00					411,340.52
CCUA Storage Building and Site Improvements	254,095.00	3,480,750.00					3,734,845.00
Aquarius Concourse Relocation Utility Relocations	900,000.00						900,000.00
Redirect Flow from CCUA LS #85 to LS #168	11,500.00						11,500.00
North Middleburg Water & Sewer Extension and Interconnection (Water Interconnect, Forcemain e	169,191.77	1,700,000.00	1,500,000.00				3,369,191.77
CCUA Administrative Building Phase I	0.00	214,907.00	2,945,250.00				3,160,157.00
Cost Share - Extension from Mayfield Annex to Blanding	37,800.00						37,800.00
Infill Projects	1,161,679.98	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	1,661,679.98
Keystone Wastewater Treatment Plant - Phase II Construction	0.00					7,150,000.00	7,150,000.00
Old Jennings Rd-Estimated Cost Share on oversizing to Commercial stub	40,000.00						40,000.00
Peters Creek WTP 2nd GST	0.00		650,000.00				650,000.00
Peters Creek WTP 3rd Well	100,000.00	875,000.00					975,000.00
Peters Creek WWTP - Land Acquisition	0.00		634,050.00				634,050.00
Peters Creek WRF - Phase II	50,000.00	1,600,000.00	12,000,000.00	8,350,000.00			22,000,000.00

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	ADJUSTED						
	FISCAL YEAR	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	TOTALS
	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	
Peters Creek Reclaimed Additions	0.00					200,000.00	200,000.00
Pier Station E/W WM Extension and Interconnect (State Road 16 and FCOB)	0.00	750,000.00	750,000.00	1,500,000.00			3,000,000.00
Pier Station Force Main Extensions (State Road 16 and FCOB)	0.00		750,000.00	750,000.00	1,500,000.00		3,000,000.00
Pier Station Master Pump Station (State Road 16 and FCOB)	0.00	250,000.00	75,000.00	500,000.00			825,000.00
Pier Station WTP Expansion	0.00		1,700,000.00	4,300,000.00			6,000,000.00
Ravines to Henly Road Water Main Extension	0.00	1,400,000.00	1,240,000.00				2,640,000.00
Ravines WTP 2nd GST	0.00		100,000.00	650,000.00			750,000.00
Ridaught RWP - 750K Ground Storage Tank	0.00			937,500.00			937,500.00
Ridaught RWP - Install 3rd High Service Pump	0.00			70,000.00			70,000.00
Spencer's WWTP: Phase 6 Expansion	0.00				750,000.00	5,500,000.00	6,250,000.00
Water System Interconnects - Misc	0.00	660,000.00					660,000.00
Ridaught/Greenwood/Lucy Branch/Orange Park South WTP Consolidation and Upgrades	0.00	50,000.00	1,000,000.00	2,000,000.00	3,000,000.00		6,050,000.00
Longbay Rd. Master Pump Station and Force Main	0.00		500,000.00	1,500,000.00			2,000,000.00
Swimming Penn Creek WM Interconnect	0.00	1,000,000.00	1,000,000.00				2,000,000.00
ALTERNATIVE WATER SUPPLY							
Hydrogeologic Well Construction and Testing	1,321,500.00						1,321,500.00
Potable Reuse Pilot Project	429,261.99	185,000.00	1,085,500.00	2,000,738.01			3,700,500.00
2 MGD Potable Reuse	0.00				1,000,000.00	12,000,000.00	13,000,000.00
Other AWS (Stormwater, RIBs, Reclaimed Storage, etc)	0.00				15,000,000.00	15,000,000.00	30,000,000.00
Subtotals	40,981,168.89	46,706,938.26	52,268,332.00	34,536,494.01	28,000,000.00	42,750,000.00	245,242,933.16
Contingency	4,098,116.89	4,670,693.83	5,226,833.20	3,453,649.40	2,800,000.00	4,275,000.00	24,524,293.32
TOTAL CAPITAL EXPENDITURES	45,079,285.78	51,377,632.09	57,495,165.20	37,990,143.41	30,800,000.00	47,025,000.00	269,767,226.48

Capital Expenditures Breakdown:

Renewal, Replacement & Betterment	32,289,224	23,578,769	21,007,588	16,448,043	9,450,000	7,075,000	109,848,625
System Expansion	11,039,300	27,613,863	35,402,077	19,541,362	5,350,000	12,950,000	111,896,602
Alternative Water Supply	1,750,762	185,000	1,085,500	2,000,738	16,000,000	27,000,000	48,022,000
	45,079,286	51,377,632	57,495,165	37,990,143	30,800,000	47,025,000	269,767,226