

Clay County Utility Authority
2022/2023 Capital Projects Expenditures Budget - Adopted
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 3/31/2022

	ADJUSTED						TOTALS
	FISCAL YEAR	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	
	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	
REVENUES:							
Balance October 1, 2021, to include Transfers	138,289,659						138,289,659
Funds Spent on Jobs Prior to FY 2020/2021	(34,594,874)						(34,594,874)
Renewal, Replacement & Betterment	2,414,518	2,615,873	2,694,349	2,775,179	2,858,434	2,944,187	16,302,540
Departmental Capital Transfer	1,052,400	1,052,400	1,000,000	1,000,000	1,000,000	1,000,000	6,104,800
Environmental Reuse Capital Fund Transfer	1,140,408	1,236,218	1,248,580	1,261,066	1,273,677	1,286,413	7,446,362
Capacity Fees Transfer	4,078,314	4,079,570	4,283,549	4,497,726	4,722,612	4,958,743	26,620,513
Grant Revenue	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000
Alternative Water Supply Transfer	688,309	721,747	743,399	765,701	788,672	812,333	4,520,162
Debt Service Charge	200,400	200,400	200,400	200,400	200,400	200,400	1,202,400
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	5,120	2,285	5,000	5,000	5,000	5,000	27,405
Borrowing/Utilization of Surplus Funds if needed	(83,862,187)	110,010,804	63,749,347	21,619,012	18,849,147	(689,044)	129,677,079
Balances After Transfers	34,328,576	125,194,754	79,434,618	37,754,378	35,452,145	16,399,860	328,564,332
CAPITAL EXPENDITURES:							
RENEWAL, REPLACEMENT & BETTERMENT							
Departmental Capital	1,260,674.43	1,386,263.08	1,250,000.00	1,250,000.00	1,250,000.00	1,250,000.00	7,646,937.51
Knight Boxx/Old Jennings Force Main Extension	9,114.95	450,000.00					459,114.95
Lucy Branch Maintenance Building Repairs and Renovations	10,739.84	109,260.16					120,000.00
Rehab SP WW Clarifier #1/under drain 1-2	64,176.20	1,485,000.00	248,430.00				1,797,606.20
Lake Asbury WM Improvements (602 Lake Asbury Road & Aldersgate St.)	0.00	170,000.00	1,530,000.00				1,700,000.00
Wesley RD WM Improvements (Branscomb Road to Arthur Moore Drive)	0.00	200,000.00	1,800,000.00				2,000,000.00
Server Lifecycle Replacement				1,925,000.00			1,925,000.00
ERP Software Replacement		1,400,000.00					1,400,000.00
SCADA System	0.00	1,260,048.00	698,158.00	1,146,178.00	1,146,178.00	1,146,178.00	5,396,740.00
Meadowbrook WTP Upgrades - (GST #3 repair, Transfer switch, GST #2 roof repair, Aerator repair, r	82,308.00	2,000,000.00	1,917,692.00				4,000,000.00
Meadowbrook Well Rehab	16,895.00	350,000.00					366,895.00
Miller St. WWTP Upgrades (Complete Paving of Loop Road, Refurbish Influent Structure (Exterior), r	0.00		640,500.00				640,500.00
Ridgecrest WTP - Replace Softstart & Crossline Starters with VFD's	1,070,654.00	940,574.00					2,011,228.00
Ridaught WTP - Phase I GST Upgrades	70,000.00	802,000.00					872,000.00
Ridaught WRF Upgrades (Install Micro-screen, Grit Removal Equipment, and Influent, Rehabilitation	262,000.00	2,625,000.00	1,000,000.00				3,887,000.00
12" Main Connecting Postmaters WTP to Geneva Lakes WTP along CR214				793,800.00	793,800.00		1,587,600.00
12" WM Extension Hwy. 100 to Brooklyn Bay Rd. (Keystone)				705,000.00			705,000.00
6" WM Extension Woodland Dr. to Payne Rd. via SR21					305,000.00		305,000.00
Booster Station (Hwy. 100 @ Commercial Dr. - Keystone)						41,000.00	41,000.00
Keystone Heights - Lakeside Street/Hilltop Street Water Main Rehabilitation	0.00	237,600.00					237,600.00
Keystone Wastewater Treatment Plant - Phase II Construction	0.00				7,150,000.00		7,150,000.00
Fleming Oaks WTP Electrical Upgrades & Hydro Tank		190,000.00	544,910.00	348,000.00			1,082,910.00
Pace Island WTP: Electrical & Hydro Tank Upgrades (Replace Hydrotank Tank #1 and Electrical)		220,000.00	544,910.00	348,000.00			1,112,910.00
Old Jennings WTP Electrical Upgrade				250,000.00	500,000.00	450,000.00	1,200,000.00
Spencer's WTP Electrical Upgrade			39,291.00	244,910.00	148,000.00		432,201.00
Tanglewood Electrical Upgrade				35,325.00	221,114.00	132,136.00	388,575.00
Orange Park South Electrical Upgrade				87,276.00	532,820.00	339,940.00	960,036.00
Fleming island WRF electrical upgrades /Vault upgrades		296,171.00	1,786,190.00	1,175,520.00			3,257,881.00
Miller WRF Electrical Upgrades		125,005.00	832,824.00	539,942.00			1,497,771.00
Ridaught WRF Electrical Upgrades				233,291.00	1,408,910.00	924,000.00	2,566,201.00
Spencer's WRF Electrical Upgrades				90,491.00	552,110.00	352,800.00	995,401.00
Oakleaf WTP Electrical Upgrades					34,291.00	342,910.00	377,201.00
Rehab PS 4		800,000.00					800,000.00
Rehab PS 62, Manifold 67		320,000.00	1,000,000.00				1,320,000.00
Upgrade Lift Stations 11, 41, 69, 51		542,000.00	542,000.00	1,000,000.00	1,000,000.00		3,084,000.00
Upgrade Lift Station 98				542,000.00			542,000.00
Upgrade Lift Stations 9, 43, 24, 59				542,000.00	542,000.00	1,000,000.00	2,084,000.00

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Upgrade Lift Station 111					542,000.00	542,000.00	1,084,000.00
Upgrade Lift Station 56		125,000.00	1,000,000.00				1,125,000.00
Lift Station #2 - Upgrade	125,468.60	2,822,677.56					2,948,146.16
Lift Station #3 Foxbay - Upgrade	36,297.00	849,703.00					886,000.00
WTP Ground Storage Tanks: add Handrails		576,000.00					576,000.00
Fleming WRF Clarifier No. 1 Upgrade	300,000.00	908,000.00					1,208,000.00
Water Plant Meters Retrofits	0.00	108,000.00	300,000.00	300,000.00	300,000.00	300,000.00	1,308,000.00
Gravity Sewer Lining	300,594.25	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	5,300,594.25
Lift Station Generators	57,822.13		330,000.00				387,822.13
Lift Station Bypass Pump		200,000.00					200,000.00
Keystone Heights High School WM relocation		143,000.00					143,000.00
Manhole Rehab		150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	750,000.00
FH and Gate Valve replacement		105,000.00	210,000.00	210,000.00	210,000.00	210,000.00	945,000.00
Potable and Reclaimed Water Meter and backflow device replacement		761,250.00	1,600,000.00	1,650,000.00	1,700,000.00	1,750,000.00	7,461,250.00
SYSTEM EXPANSION							
Governor's Park WTP Design and Build	200,000.00	4,925,000.00	3,700,000.00	625,000.00			9,450,000.00
Meadow Lake WTP-New Ground Storage Tank and Electrical Service upgrade	1,985,331.00	1,163,793.00					3,149,124.00
Saratoga Spring WTP, WRF & offsite Mains	7,000,000.00	9,591,000.00					16,591,000.00
Mid Clay WWTP - Phase II Plant Expansion	4,500,000.00	2,750,000.00					7,250,000.00
Fleming Island Reg. WWTP - 2nd BCR Plant, Two Tanks	3,900,000.00	3,300,000.00					7,200,000.00
Doctors' Lake Septic to Sewer Phase II		1,883,333.00	316,667.00				2,200,000.00
CCUA Storage Building and Site Improvements	2,373,708.00	1,539,608.00					3,913,316.00
CCUA Administrative Building Phase I	125,089.00	4,000,000.00					4,125,089.00
CCUA Administrative Building Phase II	0.00	350,000.00	3,950,000.00				4,300,000.00
North Campus Driveway	36,341.00	750,000.00					786,341.00
Aquarius Concourse Relocation Utility Relocations	1,948,637.00	195,000.00					2,143,637.00
North Middleburg Water & Sewer Extension and Interconnection (Water Interconnect, Forcemain exte	400,000.00	2,600,000.00					3,000,000.00
Infill Projects	1,261,678.98	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	1,761,678.98
Henley Road 12" WM Loop - Sandridge to Small Lake	11,241.94		94,758.06				106,000.00
Peters Creek WTP Well 3 & 2nd GST	150,000.00	2,900,000.00	2,000,000.00				5,050,000.00
Peters Creek WWTP - Land Acquisition	0.00	3,000,000.00					3,000,000.00
Peters Creek WRF - Phase II	2,290,025.00	24,181,127.00	17,068,959.00	279,429.00			43,819,540.00
Pier Station E/W WM Extension and Interconnect (State Road 16 and FCOB)	0.00		2,000,000.00	1,000,000.00			3,000,000.00
Pier Station Force Main Extensions (State Road 16 and FCOB)	0.00		1,000,000.00	1,200,000.00			2,200,000.00
Pier Station Master Pump Station (State Road 16 and FCOB)	0.00			1,000,000.00			1,000,000.00
Pier Station WTP Expansion	0.00		3,000,000.00	3,000,000.00			6,000,000.00
Ravines to Henly Road Water Main Extension	250,000.00	2,000,000.00	390,000.00				2,640,000.00
Ravines WTP 2nd GST	0.00					750,000.00	750,000.00
Spencer's WWTP: Phase 6 Expansion	0.00			750,000.00	5,500,000.00		6,250,000.00
Spencers WTP - Ground Storage & High Service Pump	0.00	565,000.00	1,000,000.00				1,565,000.00
Water System Interconnects - Misc	0.00	675,000.00					675,000.00
Longbay Rd. Master Pump Station and Force Main	0.00	200,000.00	500,000.00	500,000.00			1,200,000.00
Swimming Penn Creek WM Interconnect	250,000.00	2,000,000.00	1,000,000.00				3,250,000.00
Sandridge Parallel Sewer FM (PS#110 to RVZ Park via Creekview Tr. ~ 5,000 LF		1,000,000.00	200,000.00				1,200,000.00
Reinhold Projects E/W interconnect #1 (W, WW & Reclaimed Mains from FCE interchange along we		3,000,000.00	3,000,000.00				6,000,000.00
Reinhold Projects E/W interconnect #2 (W, WW & Reclaimed Mains along FC Connector East of int		2,000,000.00	2,500,000.00	2,500,000.00	2,500,000.00	2,500,000.00	12,000,000.00
Reinhold Projects N/S interconnect #1 Saratoga WM to West of 1st Coast Expressway (11,200 lf 18-in		3,700,000.00	3,700,000.00				7,400,000.00
Reinhold Projects N/S interconnect #2 (W & Reclaimed Mains from Saratoga WTP to 1st Coast Conne				2,200,000.00	2,200,000.00		4,400,000.00
16-inch WM Challenger Dr Interconnect to Atlantis dr. - Atlantis to Brannan mill (2- Segments)		1,000,000.00	1,000,000.00				2,000,000.00
16-inch WM Atlantis to Kindlewood		500,000.00	1,500,000.00				2,000,000.00
Upsizing pipes to accommodate Rookery GCS			466,000.00				466,000.00
FDOT 447180-1: US17 from Eagle Harbor to Doctors Inlet Bridge		310,000.00					310,000.00
FDOT 443302-1: SR15(US17) From Water Oak Lane to Eagle Harbor Parkway			90,000.00				90,000.00

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CR-220 at Old Hard Rd. Intersection		410,000.00					410,000.00
Tanglewood Neighborhood Water Main Relocations		85,000.00					85,000.00
Habitat Drive Water Main Relocations		265,000.00					265,000.00
CR 218 widening from Pine Tree Lane to Cosmos	425,000.00	250,000.00	250,000.00				925,000.00
Sandridge Road widening from Henley to CR 209	40,000.00	40,000.00					80,000.00
CR 220 widening Baxley to Henley Rd	75,000.00	175,000.00					250,000.00
CR 220 widening from Henley to Knightbox		50,000.00	100,000.00				150,000.00
CR 315 widening -Utility Relocation (design FY 23 construct FY 24)		922,000.00					922,000.00
CR220 Quadrant Intersection		578,000.00					578,000.00
College Drive RRR	0.00	200,000.00					200,000.00
ALTERNATIVE WATER SUPPLY							
AMI Demand Management				750,000.00	750,000.00		1,500,000.00
Onsite Stormwater Harvesting			330,000.00	2,550,000.00			2,880,000.00
Irrigation CUP		510,000.00					510,000.00
Public Access Reuse Storage		2,042,000.00	3,242,000.00	3,301,000.00	1,693,000.00	1,628,000.00	11,906,000.00
Purified Water Pilot Study	319,000.00	4,450,000.00	750,000.00				5,519,000.00
Subtotals	31,207,796.32	113,813,412.80	72,213,289.06	34,322,162.00	32,229,223.00	14,908,964.00	298,694,847.18
Contingency	3,120,779.63	11,381,341.28	7,221,328.91	3,432,216.20	3,222,922.30	1,490,896.40	29,869,484.72
TOTAL CAPITAL EXPENDITURES	34,328,575.95	125,194,754.08	79,434,617.97	37,754,378.20	35,452,145.30	16,399,860.40	328,564,331.90

Capital Expenditures Breakdown:

Renewal, Replacement & Betterment	6,787,524	35,038,893	26,186,234	17,998,949	22,709,145	11,421,860	120,142,606
System Expansion	27,222,052	83,153,861	48,926,384	13,154,429	10,300,000	3,350,000	186,106,726
Alternative Water Supply	319,000	7,002,000	4,322,000	6,601,000	2,443,000	1,628,000	22,315,000
	34,328,576	125,194,754	79,434,618	37,754,378	35,452,145	16,399,860	328,564,332