

**Clay County Utility Authority
Proposed 2020/2021 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 3/31/2020**

| | ADJUSTED FISCAL YEAR 2019/2020 | Fiscal Year 2020/2021 | Fiscal Year 2021/2022 | Fiscal Year 2022/2023 | Fiscal Year 2023/2024 | Fiscal Year 2024/2025 | TOTALS |
|--|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------|
| REVENUES: | | | | | | | |
| Balance October 1, 2019, to include Transfers | 93,131,738 | | | | | | 93,131,738 |
| Funds Spent on Jobs Prior to FY 2019/2020 | (46,584,574) | | | | | | (46,584,574) |
| Renewal, Replacement & Betterment | 2,146,425 | 2,398,255 | 2,470,203 | 2,544,309 | 2,620,638 | 2,699,257 | 14,879,087 |
| Departmental Capital Transfer | 250,000 | 597,925 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 4,847,925 |
| Environmental Reuse Capital Fund Transfer | 999,650 | 1,046,954 | 1,057,424 | 1,067,998 | 1,078,678 | 1,089,465 | 6,340,168 |
| Capacity Fees Transfer | 1,141,746 | 2,653,134 | 2,785,791 | 2,925,080 | 3,071,334 | 3,224,901 | 15,801,986 |
| Grant Revenue | 4,200,000 | 3,000,000 | 3,000,000 | 3,000,000 | 3,000,000 | 3,000,000 | 19,200,000 |
| Alternative Water Supply Transfer | 613,422 | 649,644 | 669,133 | 689,207 | 709,884 | 731,180 | 4,062,470 |
| Debt Stabilization | 280,302 | 170,340 | 200,400 | 200,400 | 200,400 | 200,400 | 1,252,242 |
| Surplus Transfer (Operating Contingency Utility & Capital Reserve, includes add'l R&R) | 3,592,332 | 3,416,509 | 4,009,994 | 4,130,294 | 4,254,203 | 4,381,829 | 23,785,160 |
| Restricted Interest Earnings | 15,888 | 50,644 | 15,100 | 15,100 | 15,100 | 15,100 | 126,932 |
| Borrowing/Utilization of Surplus Funds if needed | 33,432,072 | 24,392,429 | 6,071,456 | 22,762,612 | 2,694,764 | 1,587,869 | 90,941,201 |
| Balances After Transfers | 93,219,001 | 38,375,834 | 21,279,500 | 38,335,000 | 18,645,000 | 17,930,000 | 227,784,335 |
| CAPITAL EXPENDITURES: | | | | | | | |
| RENEWAL, REPLACEMENT & BETTERMENT | | | | | | | |
| Departmental Capital | 727,823.52 | 597,925.00 | 1,000,000.00 | 1,000,000.00 | 1,000,000.00 | 1,000,000.00 | 5,325,748.52 |
| Fire Hydrant Replacement and Rehab | 612,054.11 | | | | | | 612,054.11 |
| CCUA Main Office Paving and Stripping Rehab | 103,500.00 | | | | | | 103,500.00 |
| Kingsley Lake WTP - Miscellaneous | 6,801.66 | | | | | | 6,801.66 |
| Knight Boxx/Old Jennings Force Main Extension | 204,885.05 | | | | | | 204,885.05 |
| Keystone Club Estates - Plant Upgrades | 1,013,000.00 | 900,000.00 | | | | | 1,913,000.00 |
| Greenwood Unit 1 Replace 10" water main with thin wall pipe | 180,762.87 | | | | | | 180,762.87 |
| Manhole Task Order 6 | 17,252.97 | | | | | | 17,252.97 |
| Pace Island WTP - 2,000 gal. Convault | 35,000.00 | | | | | | 35,000.00 |
| Keystone Club Estates WTP - Replace Backup Generator | 4,412.05 | | | | | | 4,412.05 |
| Bellair Unit 4 - Sigsbee Ct. and Gano Ct. upgrade water main from 2" to 4" | 95,067.37 | | | | | | 95,067.37 |
| Fleming Island Outfall Dock Repair | 1,266,208.56 | | | | | | 1,266,208.56 |
| Pier Station, Geneva Lakes Estates, and Ravines WTPs Improvements - (Hydro Tanks at PS & GL) | 450,697.77 | | | | | | 450,697.77 |
| Lucy Branch Maintenance Building Repairs and Renovations | 109,260.16 | | | | | | 109,260.16 |
| Rehab SP WW Clarifer #1/under drain 1-2 | 735,982.80 | | | | | | 735,982.80 |
| FDOT Project No. 439399-1 SR-21 Improvements at Keystone Heights | 37,575.00 | | | | | | 37,575.00 |
| PRV Thomas Street & CR739 Henley Road | 26,983.27 | | | | | | 26,983.27 |
| Spencer's WTP: Refurbish well No. 2 | 56,370.43 | | | | | | 56,370.43 |
| Task Order No. 32 - Greenwood Sewer R&R Phase 2 | 628,146.33 | | | | | | 628,146.33 |
| Lake Asbury WM Improvements (602 Lake Asbury Road & Aldersgate St.) | 625,000.00 | 220,000.00 | | | | | 845,000.00 |
| Wesley RD WM Improvements (Branscomb Road to Arthur Moore Drive) | 375,000.00 | 426,500.00 | | | | | 801,500.00 |
| Circleridge Drive: replace galvanized water services | 225,000.00 | | | | | | 225,000.00 |
| Coopergate and Blanding Pressure Reducing Valve | 40,000.00 | | | | | | 40,000.00 |
| Fleming Island Reg. WWTP - 2nd BCR Plant, Two Tanks | 6,000,000.00 | | | | | | 6,000,000.00 |
| Fleming Oaks WTP: Replace roof on the pump, bleach, and generator buildings | 30,000.00 | | | | | | 30,000.00 |
| Keystone Heights - Brooklyn Bay Road Water Main Rehabilitation | 9,000.00 | | | | | | 9,000.00 |

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|--|-------------------------|--------------|--------------|--------------|--------------|-------------|--------------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 | 2024/2025 | |
| Keystone Heights - Lakeside Street/Hilltop Street Water Main Rehabilitation | 115,500.00 | | | | | | 115,500.00 |
| Lift Station SCADA System | 0.00 | | | 750,000.00 | | | 750,000.00 |
| Lucy Branch WTP - Electrical & Hydro Tank Upgrades | 0.00 | 1,000,000.00 | | | | | 1,000,000.00 |
| Meadowbrook WTP Upgrades - (GST #3 repair, Transfer switch, GST #2 roof repair, Aerator repair) | 750,000.00 | 2,775,000.00 | | | | | 3,525,000.00 |
| Meadowlake WTP: Reseal Hydro-tank No. 2 inside and paint outside | 75,000.00 | | | | | | 75,000.00 |
| Miller St. WWTP Upgrades (Complete Paving of Loop Road, Refurbish Influent Structure (Exterior)) | 150,000.00 | 425,000.00 | | | | | 575,000.00 |
| Neptune Road connection of existing parallel water mains | 45,000.00 | | | | | | 45,000.00 |
| Oakleaf WTP: Replace electrical controls for HS pumps and wells | 45,000.00 | | | | | | 45,000.00 |
| Oakleaf WTP: Reseal GST inside and outside | 200,000.00 | | | | | | 200,000.00 |
| Old Jennings Road WTP: Electrical & Hydro Tank Upgrades | 130,000.00 | 880,000.00 | | | | | 1,010,000.00 |
| Ravines Off-Site Mains - Middleburg W&S Extensions (Middleburg Service Area) | 1,238,000.00 | | | | | | 1,238,000.00 |
| Ridaught WTP: Upgrades (Replace aerator, injection point, replace SCH 40 piping, and pressure regulator) | 145,000.00 | 600,000.00 | | | | | 745,000.00 |
| Ridaught WWTP - Install Micro-screen and Grit Removal Equipment | 700,000.00 | | | | | | 700,000.00 |
| Ridaught WWTP Upgrades (Install Micro-screen, Grit Removal Equipment, and Influent, Rehabilitation) | 1,000,000.00 | 2,400,000.00 | | | | | 3,400,000.00 |
| Ridgecrest WTP Electrical Upgrades | 850,000.00 | 100,000.00 | | | | | 950,000.00 |
| Sandridge To Meadowlake 12" Water Main Loop | 90,900.00 | | | | | | 90,900.00 |
| Spencers WTP - Ground Storage & High Service Pump | 0.00 | | 70,000.00 | 600,000.00 | | | 670,000.00 |
| US 17 Loop Water Main on the East Side Raggedy Point to Allegro | 150,000.00 | | | | | | 150,000.00 |
| Waste Water Plant SCADA Controls | 0.00 | | | 1,000,000.00 | 1,000,000.00 | | 2,000,000.00 |
| Water System SCADA | | | 750,000.00 | | | | 750,000.00 |
| CR 218 widening from Pine Tree Lane to Cosmos | | | 500,000.00 | 500,000.00 | | | 1,000,000.00 |
| Sandridge Road widening from Henley to CR 209 | | | 150,000.00 | 300,000.00 | | | 450,000.00 |
| CR 220 widening Baxley to Henley Rd | | | 250,000.00 | 325,000.00 | | | 575,000.00 |
| CR 220 widening from Henley to Knightbox | | 420,000.00 | | | | | 420,000.00 |
| Fleming Oaks WTP Electrical Upgrades & Hydro Tank | | 975,000.00 | | | | | 975,000.00 |
| Pace Island WTP: Electrical & Hydro Tank Upgrades (Replace Hydrotank Tank #1 and Electrical) | | 1,000,000.00 | | | | | 1,000,000.00 |
| Insituform TO 32 Gravity Lining Rehab in Bellair | | 920,000.00 | | | | | 920,000.00 |
| Upgrade Lift Stations Group 1: 9, 62 | | 1,000,000.00 | | | | | 1,000,000.00 |
| Upgrade Lift Stations Group 2: 11, 41, 4 | | | 1,000,000.00 | | | | 1,000,000.00 |
| Upgrade Lift Station Group 3: 69, 98, 43 (panel) | | | | 1,000,000.00 | | | 1,000,000.00 |
| Upgrade Lift Stations Group 4: 24, 51, 59 | | | | | 1,000,000.00 | | 1,000,000.00 |
| New Lift Station Generators: 172, 165, 151, 142, 163, 124 | | 400,000.00 | | | | | 400,000.00 |
| WTP Ground Storage Tanks: add Handrails | | 576,000.00 | | | | | 576,000.00 |
| Fleming WRF Clarifier No. 1 Upgrade | | 1,208,000.00 | | | | | 1,208,000.00 |
| Meadowbrook Well Rehab | | 700,000.00 | | | | | 700,000.00 |
| Kingsley Cove WTP Well Rehab | | 350,000.00 | | | | | 350,000.00 |
| SYSTEM EXPANSION | | | | | | | |
| Governor's Park WWTF Design and Build | 213.12 | | 5,200,000.00 | | | | 5,200,213.12 |
| Governor's Park WTP Design and Build | 2,400.00 | | 5,000,000.00 | | | | 5,002,400.00 |
| Fleming Island Reg. WWTP - #4 Clarifier | 210,735.24 | | | | | | 210,735.24 |
| Keystone WTP-Postmasters Village Second Ground Storage Tank (500,000 gal) | 112,075.74 | | | | | | 112,075.74 |

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|---|-------------------------|--------------|-------------|-------------|--------------|--------------|---------------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 | 2024/2025 | |
| Keystone - Bradford County | 27,292.14 | | | | | | 27,292.14 |
| Brannen Mill Extension - Challenger Center | 2,199,963.80 | | | | | | 2,199,963.80 |
| PRV Advent Lutheran Church | 68,677.00 | | | | | | 68,677.00 |
| Meadow Lake WTP-New Ground Storage Tank and Electrical Service upgrade | 1,626,303.10 | 1,123,696.90 | | | | | 2,750,000.00 |
| Henley Road 12" WM Loop - Sandridge to Small Lake | 94,787.82 | | | | | | 94,787.82 |
| Peter's Creek WTP Expansion & Upgrades | 539,554.48 | | | | | | 539,554.48 |
| Tynes Reclaimed Water Plant (RWP) Design & Construction | 1,382,695.73 | | | | | | 1,382,695.73 |
| Saratoga Springs WTP - Phase I | 4,560,446.76 | | | | | | 4,560,446.76 |
| Saratoga Springs RWP - Phase I | 4,139,926.69 | | | | | | 4,139,926.69 |
| FCOB Utility Crossings | 215,405.35 | 1,500,000.00 | | | | | 1,715,405.35 |
| FDOT Middleburg Water and Sewer Relocations | 504,932.26 | | | | | | 504,932.26 |
| Saratoga Springs Offsite Main Extensions | 2,713,386.28 | | | | | | 2,713,386.28 |
| Mid Clay WWTP - Phase II Plant Expansion | 7,738,148.00 | 1,250,000.00 | | | | | 8,988,148.00 |
| Fleming Island Reg. WWTP Upgrades (#3 BTU Installation, Design, Repair/Restoration of #1 BTU) | 7,348,782.49 | 3,900,000.00 | | | | | 11,248,782.49 |
| Meadowbrook WTP Chlorine Room Roll-up Door Addition | 50,000.00 | | | | | | 50,000.00 |
| Fleming Island WWTF Clarifier No. 2 Evaluation and Repair | 137,900.00 | | | | | | 137,900.00 |
| Lakeshore Drive N Water & Wastewater Extensions | 68,200.00 | | | | | | 68,200.00 |
| 2019-054 Doctors Lake Restoration Project | 2,229,491.05 | | | | | | 2,229,491.05 |
| Blanding Blvd. from CR-220 to Long Bay | 485,000.00 | | | | | | 485,000.00 |
| Blanding from Long Bay into Middleburg | 155,000.00 | | | | | | 155,000.00 |
| Bradley Creek Crossing Cost Share | 129,500.00 | | | | | | 129,500.00 |
| Bradley Creek Crossing-Cost Share | 79,000.00 | | | | | | 79,000.00 |
| CCUA Administrative Complex Expansion (Master Planned Phase I) | 1,250,000.00 | 110,000.00 | | | | | 1,360,000.00 |
| CCUA Administrative Complex Expansion (Master Planned Phase II) | 0.00 | | | | 2,500,000.00 | | 2,500,000.00 |
| Cost Share - Extension from Mayfield Annex to Blanding | 37,800.00 | | | | | | 37,800.00 |
| CR218 Utility Main Extensions | 1,500,000.00 | 1,000,000.00 | | | | | 2,500,000.00 |
| CR-220 from MBHS to Blanding | 375,000.00 | | | | | | 375,000.00 |
| Green Cove Regional Reclaimed WTP | 0.00 | | | | 600,000.00 | 4,800,000.00 | 5,400,000.00 |
| Geneva Lakes WTP - add 2nd Hydrotank | 0.00 | 250,000.00 | | | | | 250,000.00 |
| Infill Projects | 1,061,679.98 | 100,000.00 | 100,000.00 | 100,000.00 | 100,000.00 | | 1,461,679.98 |
| Keystone - Master Plan WM - Mossy Oaks to Geneva Lake Est. | 900,000.00 | | | | | | 900,000.00 |
| Keystone Airport Sewer Main Extensions | 500,000.00 | | | | | | 500,000.00 |
| Keystone Airport Waste Water Plant Construction | 2,000,000.00 | | | | | | 2,000,000.00 |
| Keystone Airport Water Main Extensions | 500,000.00 | | | | | | 500,000.00 |
| Keystone Airport WTP | 1,000,000.00 | | | | | | 1,000,000.00 |
| Keystone Wastewater Treatment Plant - Phase II Construction | 650,000.00 | 6,500,000.00 | | | | | 7,150,000.00 |
| LS #62 (Jefferson Square) Force Main Extension | 490,000.00 | | | | | | 490,000.00 |
| Mid-Clay & Oakleaf Reclaimed WP Upgrades (Install 3rd High Service Pump at each facility) | 70,000.00 | 280,000.00 | | | | | 350,000.00 |
| North Middleburg Water & Sewer Extension and Interconnection (Water Interconnect, Forcemain e | 4,770,000.00 | | | | | | 4,770,000.00 |
| Oak Leaf RWP - Install 3rd High Service Pump | 70,000.00 | | | | | | 70,000.00 |
| Old Jennings Rd-Estimated Cost Share on oversizing to Commercial stub | 40,000.00 | | | | | | 40,000.00 |

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|--|-------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| | 2019/2020 | 2020/2021 | 2021/2022 | 2022/2023 | 2023/2024 | 2024/2025 | |
| Peter's Creek WTP 2nd GST | 0.00 | | | 650,000.00 | | | 650,000.00 |
| Peter's Creek WTP 3rd Well | 0.00 | | 975,000.00 | | | | 975,000.00 |
| Peters Creek WWTP - Land Acquisition | 634,050.00 | | | | | | 634,050.00 |
| Peters Creek WWTP - Phase II | 2,000,000.00 | | | | | | 2,000,000.00 |
| Peters Creek WWTP - Phase III Expansion w/ BCR | 0.00 | | 2,000,000.00 | 20,000,000.00 | | | 22,000,000.00 |
| Pier Station E/W WM Extension and Interconnect (State Road 16 and FCOB) | 750,000.00 | | | 750,000.00 | 1,500,000.00 | | 3,000,000.00 |
| Pier Station Force Main Extensions (State Road 16 and FCOB) | 750,000.00 | | | 750,000.00 | 1,500,000.00 | | 3,000,000.00 |
| Pier Station Master Pump Station (State Road 16 and FCOB) | 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 | 1,000,000.00 | 400,000.00 | | | | | 1,400,000.00 |
| Ravines to Lake Asbury Northern Interconnect | 500,000.00 | 500,000.00 | | | | | 1,000,000.00 |
| Ravines WTP 2nd GST | 0.00 | 100,000.00 | 650,000.00 | | | | 750,000.00 |
| Ridaught RWP - 750K Ground Storage Tank | 937,500.00 | | | | | | 937,500.00 |
| Ridaught RWP - Install 3rd High Service Pump | 70,000.00 | | | | | | 70,000.00 |
| Shadowlawn RWP - Phase 1 | 0.00 | | | | 500,000.00 | 5,000,000.00 | 5,500,000.00 |
| Shadowlawn WTP - Phase I | 0.00 | | | 500,000.00 | 5,000,000.00 | | 5,500,000.00 |
| Spencer's Force Main Extensions | 0.00 | | | 500,000.00 | | | 500,000.00 |
| Spencer's Master Pump Station and Force Main | 0.00 | | | 750,000.00 | | | 750,000.00 |
| Spencer's Reclaimed Water Main Extensions | 0.00 | | | 500,000.00 | 500,000.00 | | 1,000,000.00 |
| Spencer's Water Main Extensions | 0.00 | | | 500,000.00 | 500,000.00 | | 1,000,000.00 |
| Spencer's WWTP: Phase 6 Expansion | 0.00 | | | | 750,000.00 | 5,500,000.00 | 6,250,000.00 |
| Village Park & Bradley Creek (Developer Agreement MU18/19-1) | 258,078.00 | | | | | | 258,078.00 |
| ALTERNATIVE WATER SUPPLY | | | | | | | |
| FCOB Ph 3-Preliminary Design & Pilot Project Final Design | 1,109,645.87 | | | | | | 1,109,645.87 |
| Aquifer Storage & Recovery (ASR) - Hydrogeologic Well Construction and Testing | 1,150,791.84 | | | | | | 1,150,791.84 |
| AWS Development | 4,000,000.00 | | | | | | 4,000,000.00 |
| Subtotals | 84,744,546.66 | 34,887,121.90 | 19,345,000.00 | 34,850,000.00 | 16,950,000.00 | 16,300,000.00 | 207,076,668.56 |
| Contingency | 8,474,454.67 | 3,488,712.19 | 1,934,500.00 | 3,485,000.00 | 1,695,000.00 | 1,630,000.00 | 20,707,666.86 |
| TOTAL CAPITAL EXPENDITURES | 93,219,001.33 | 38,375,834.09 | 21,279,500.00 | 38,335,000.00 | 18,645,000.00 | 17,930,000.00 | 227,784,335.42 |

Capital Expenditures Breakdown:

| | | | | | | | |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Renewal, Replacement & Betterment | 36,830,832 | 26,765,834 | 8,004,500 | 13,910,000 | 4,695,000 | 2,630,000 | 92,836,166 |
| System Expansion | 50,127,731 | 11,610,000 | 13,275,000 | 24,425,000 | 13,950,000 | 15,300,000 | 128,687,731 |
| Alternative Water Supply | 6,260,438 | - | - | - | - | - | 6,260,438 |
| | 93,219,001 | 38,375,834 | 21,279,500 | 38,335,000 | 18,645,000 | 17,930,000 | 227,784,335 |