

Clay County Utility Authority
2018/2019 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2018

	ADJUSTED						
	FISCAL YEAR	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	TOTALS
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
REVENUES:							
Balance October 1, 2017, to include Transfers	54,618,660						54,618,660
Funds Spent on Jobs Prior to FY 2017/2018	(25,617,966)						(25,617,966)
Renewal, Replacement & Betterment	2,106,362	2,106,362	2,106,362	2,106,362	2,106,362	2,106,362	12,638,172
Departmental Capital Transfer	1,191,435	2,011,118	1,000,000	1,000,000	1,000,000	1,000,000	7,202,553
Environmental Reuse Capital Fund Transfer	925,570	928,325	928,325	928,325	928,325	928,325	5,567,195
Capacity Fees Transfer	1,571,804	1,291,150	1,291,150	1,291,150	1,291,150	1,291,150	8,027,554
Tap-In Capacity Fee Transfer	135,746	-	-	-	-	-	135,746
Alternative Water Supply Transfer	563,178	574,824	589,224	603,624	618,024	632,424	3,581,298
Debt Stabilization	10,134,910	250,000	250,000	250,000	250,000	250,000	11,384,910
Surplus Transfer (Operating Contingency Utility & Capital Reserve, in	3,784,109	3,730,713	3,730,713	3,730,713	3,730,713	3,730,713	22,437,674
Restricted Interest Earnings	4,869	4,869	4,869	4,869	4,869	4,869	29,214
Borrowing/Utilization of Surplus Funds if needed	(19,692,965)	18,122,952	46,861,397	18,123,832	8,377,057	30,441,157	102,233,430
Balances After Transfers	29,725,712	29,020,313	56,762,040	28,038,875	18,306,500	40,385,000	202,238,440
CAPITAL EXPENDITURES:							
RENEWAL, REPLACEMENT & BETTERMENT							
Aldersgate St. 6" WM Replacement	220,000.00						220,000.00
Bellair Unit 4 - Sigsbee Ct. and Gano Ct. upgrade water main from 2" to 4"	104,063.74						104,063.74
Blairmore Blvd. E. Water Main Rehabilitation	21,000.00						21,000.00
Blanding Blvd Pressure Reducing Valve	45,000.00						45,000.00
CCUA Main Office Paving and Stripping Rehab	103,500.00						103,500.00
College Dr. - Post Office south to complete 10" loop	114,683.56						114,683.56
Coopergate and Blanding Pressure Reducing Valve	40,000.00						40,000.00
CR 209 to Appalachicola Reroute 20" Reclaim Main	40,923.21						40,923.21
CR 218 Bridge Utility Relocations for FDOT Project	1,204,225.40						1,204,225.40
Departmental Capital	1,105,469.09	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,105,469.09
Equipment Storage Facility, Pond & Fencing	0.00		1,020,000				1,020,000.00
Fire Hydrant Replacement and Rehab	643,535.69						643,535.69
Fleming Island Outfall Dock Repair	371,000.50	1,000,000					1,371,000.50
Fleming Island Reg. WWTP - #3 BTU Installation, Design	0.00	750,000	5,000,000				5,750,000.00
Fleming Island Reg. WWTP - 2nd BCR Plant, Two Tanks	0.00	500,000	5,000,000				5,500,000.00
Fleming Island Reg. WWTP - Repair/Restoration of #1 BTU	0.00		2,500,000				2,500,000.00
Fleming Oaks WTP - Generator	14,137.06						14,137.06
Fleming Oaks WTP: Reseal GST No. 2 inside and outside	0.00					200,000	200,000.00
Fleming Oaks WTP: Reseal Hydro-tank inside and paint outside	0.00					75,000	75,000.00
Greenwood - Replace soft start & crossline starters with VFD's	35,000.00						35,000.00
Greenwood - Security Fencing	3.00						3.00
Greenwood Unit 1 Replace 10" water main with thin wall pipe	491,172.62						491,172.62
Keystone - Geneva Lake Estates WTP - Replace 3,000 Gal. Hydro Tank	0.00		60,000				60,000.00
Keystone - Geneva Lakes Estates WTP - Miscellaneous Plant Upgrades	5,000.00						5,000.00
Keystone Club Estates - Plant Upgrades	13,000.00		1,000,000	900,000			1,913,000.00
Keystone Club Estates WTP - Replace Backup Generator	22,056.65						22,056.65
Keystone Club Estates WTP: Reseal Hydro-tank inside and paint outside	0.00				75,000		75,000.00
Keystone Geneva Lake Estates WTP: Replace pipe from well to hydro-tank	0.00		30,000				30,000.00
Keystone Heights Postmasters Village WTP: Reseal Hydro-tank No. 2 and paint outside	0.00		75,000				75,000.00
Keystone Heights WTP: Reseal Hydro-tank No. 1 and paint outside	0.00		75,000				75,000.00

Clay County Utility Authority
2018/2019 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2018

	ADJUSTED						TOTALS
	FISCAL YEAR 2017/2018	Fiscal Year 2018/2019	Fiscal Year 2019/2020	Fiscal Year 2020/2021	Fiscal Year 2021/2022	Fiscal Year 2022/2023	
Keystone WTP-Postmasters Village Second Ground Storage Tank (500,000 gal)	211,061.00						211,061.00
Kingsley Cove WTP Tube Storage Tank	0.00	175,000					175,000.00
Kingsley Lake WTP - Miscellaneous	30,030.32						30,030.32
Kingsley Lake WTP - New Well	70,000.00						70,000.00
Knight Boxx/Old Jennings Force Main Extension	205,300.00						205,300.00
Life Station 41 Rehabilitation (41, 72, and 98)	198,500.00						198,500.00
Lift Station 165 Angora Bay Generator Installation	40,000.00	50,000					90,000.00
Lift Station 25 Generator Replacement	45,000.00						45,000.00
Lift Station 28 Generator Replacement	70,000.00						70,000.00
Lift station 63 Rehabilitation	40,763.54						40,763.54
Lift Station Generators (163 & 165)	40,000.00						40,000.00
Lift Station Rehabilitation (2,4,6,43,45 and 52)	317,000.00						317,000.00
Lift Station Rehabilitation (67 & 69)	133,500.00						133,500.00
Lift Station SCADA System	0.00			750,000			750,000.00
LS 25 Generator Replacement	45,000.00						45,000.00
LS 28 Generator Replacement	70,000.00						70,000.00
LS 40 Orange Park Country Club Rehab	10,377.66	30,000					40,377.66
Lucy Branch Maintenance Building Repairs and Renovations	120,000.00						120,000.00
Lucy Branch WTP - Replace 10,000 Gal. Hydro Tank	0.00			190,000			190,000.00
Lucy Branch WTP - Replace electrical system and install softstarts and VFD's	0.00		300,000	300,000			600,000.00
Maintenance Facility Phase II & Paving	0.00		870,000				870,000.00
Manhole Repairs	264,973.91	100,000	100,000	100,000	100,000	100,000	764,973.91
Manhole Task Order 6	17,252.97						17,252.97
Manhole Task Order Number 5	433.61						433.61
Maverick Trails Apts.-Sewer Repair	25,000.00						25,000.00
Meadow Lake WTP - Repair and Restore the #1 and #2 Glass fused GST's.	0.00	300,000					300,000.00
Meadow Lake WTP-New Ground Storage Tank and Electrical Service upgrade	1,676,312.50						1,676,312.50
Meadowbrook & Ravines WTP Improvements	315,132.38						315,132.38
Meadowbrook WTP - Add 16 x 12 Well #5	0.00		400,000				400,000.00
Meadowbrook WTP - Aquastore Ground Storage Tank	0.00	750,000					750,000.00
Meadowbrook WTP - Emerg. Generator Transfer Switch	175,000.00						175,000.00
Meadowlake WTP: Reseal Hydro-tank No. 2 inside and paint outside	0.00	75,000					75,000.00
Mid-Clay Reclaimed WP - Install 3rd High Service Pump	70,000.00						70,000.00
Mid-Clay WWTF Expansion	8,867,056.12						8,867,056.12
Middleburg HS WTP: Replace electrical controls for HS pumps and wells	0.00			45,000			45,000.00
Miller St. WWTP - 2.2 M Ground Storage Tank	0.00		2,750,000				2,750,000.00
Miller St. WWTP - Complete Paving of Loop Road	30,000.00						30,000.00
Miller St. WWTP - Refurbish Influent Structure (Exterior)	140,000.00						140,000.00
Miller St. WWTP - Replace Grit Structure Roof	20,000.00						20,000.00
Miller St. WWTP - Upgrade Portolet Discharge Facilities	150,000.00						150,000.00
Miller WWTP-Concrete aerator, brush bridges replace & demolish old C12 chamber	133,868.67						133,868.67
Monticello Lift Station Rehab	55,793.62						55,793.62
Multiple LS Rehabilitation- Stations: 14, 33, 39, 58, 64 and 66	155,728.80						155,728.80
O.P. South WTP Well Site Driveway	8,475.00						8,475.00
Oak Leaf RWP - Install 3rd High Service Pump	70,000.00						70,000.00
Oakleaf WTP: Replace electrical controls for HS pumps and wells	0.00		45,000				45,000.00

Clay County Utility Authority
2018/2019 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2018

	ADJUSTED						TOTALS
	FISCAL YEAR 2017/2018	Fiscal Year 2018/2019	Fiscal Year 2019/2020	Fiscal Year 2020/2021	Fiscal Year 2021/2022	Fiscal Year 2022/2023	
Oakleaf WTP: Reseal GST inside and outside	0.00	200,000					200,000.00
Old Jennings Road RWTP - Ground Storage Tank	138,746.01						138,746.01
Old Jennings Road WTP - Replace 5,000 Gal. Hydro Tank	0.00		130,000				130,000.00
Old Jennings Road WTP: Replace electrical controls for HS pumps and wells	0.00			45,000			45,000.00
Orange Park High School Pressure Reducing Valve	45,000.00						45,000.00
Pace Island WTP - 2,000 gal. Convault	35,000.00						35,000.00
Pace Island WTP: Reseal GST No. 1 and 2 inside and outside	0.00					350,000	350,000.00
Pace Island WTP: Reseal Hydro-tank inside and paint outside	0.00	75,000					75,000.00
Peters Creek WTP - Land Costs	60,574.30						60,574.30
Peter's Creek WTP 2nd GST	0.00					650,000	650,000.00
Peter's Creek WTP 3rd Well	0.00			500,000			500,000.00
Peter's Creek WTP Expansion & Upgrades	180,000.00	1,800,000					1,980,000.00
Peter's Creek WTP: Reseal Hydro-tank No. 1 inside and paint outside	0.00		75,000				75,000.00
Peters Creek WWTP - Land Acquisition	634,050.00						634,050.00
Pier Station WTP - Add Second 5,000 gal. Hydro Tank	127,000.00						127,000.00
Pier Station WTP - Drill Second Well	0.00		100,000	950,000			1,050,000.00
Pier Station WTP Expansion	0.00				2,500,000		2,500,000.00
Pressure Reducing Valve Assembly - Old Jennings Road	18,717.43						18,717.43
Project Contingency	725,017.00	707,813	1,384,440	683,875	446,500	985,000	4,932,645.00
Ravines WTP - Add a No. 3 Well	0.00	40,000	500,000				540,000.00
Ravines WTP - Replace 10,000 Gal. Hydro Tank	0.00				190,000		190,000.00
Ravines WTP - Security Fencing	39,906.18						39,906.18
Ravines WTP 2nd GST	0.00			100,000	650,000		750,000.00
Refurbishing six well heads and uper well casings FO/RL/GW/MB	20,227.49						20,227.49
Ridaught WTP: Replace Aerator	0.00		70,000				70,000.00
Ridaught WWTP - Install Micro-screen and Grit Removal Equipment	500,000.00						500,000.00
Ridaught WWTP - Refurbish Influent Structure-Intermediate Chamber Only	225,000.00						225,000.00
Ridgecrest WTP - Replace Softstart & Crossline Starters with VFD's	0.00	850,000					850,000.00
Ridgecrest WTP - Sandblast and Paint GSTs and hydrotank	0.00			350,000			350,000.00
Ridgecrest WTP: Reseal GST inside and outside	0.00					200,000	200,000.00
Sandridge To Meadowlake 12" Water Main Loop	90,900.00						90,900.00
Spencer WWTP - Upgrade BCR Screw and Disc Thickeners	0.00	750,000					750,000.00
Spencer WWTP - Upgrade BCR Tanks to 15K from 10K	0.00	850,000					850,000.00
Spencers WTP - Ground Storage & High Service Pump	0.00				70,000	600,000	670,000.00
Spencer's WTP: Refurbish well No. 2	0.00		40,000				40,000.00
Spencer's WTP: Replace electrical controls for HS pumps and wells	0.00		45,000				45,000.00
Spencer's WWTF Clarifier #4	158,999.52	1,400,000					1,558,999.52
Spencer's WWTP to Lower St. Johns River Flow Diversion	0.00	285,000					285,000.00
SR21 & Middleburg HS FM Relocation for DOT	80,934.20						80,934.20
Tanglewood WTP - Repair and Reseal No.1 Glass Fused GST	150,000.00						150,000.00
Tanglewood WTP - 2,000 Gal. Convault Tank	0.00		35,000				35,000.00
Tanglewood WTP - Replace Emergency Generator	0.00		150,000				150,000.00
Tanglewood WTP: Reseal Glass-fused GST No. 2	0.00	150,000					150,000.00
The Meadows Pressure Reducing Valve	45,000.00						45,000.00
TO #30 Wwtr Main rehab - Doshire - Calvedos	344,399.50						344,399.50
Upgrade Lift station 9-Meadowbrook	104,400.00						104,400.00

Clay County Utility Authority
2018/2019 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2018

	ADJUSTED						TOTALS
	FISCAL YEAR 2017/2018	Fiscal Year 2018/2019	Fiscal Year 2019/2020	Fiscal Year 2020/2021	Fiscal Year 2021/2022	Fiscal Year 2022/2023	
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
Water Department Paint Project 2016	211,352.72						211,352.72
Water Main Replacement, Geannette Court 2"	0.00	50,000					50,000.00
Water Main Replacement, Jonathan Court 2"	0.00	50,000					50,000.00
Water Main Replacement, Lido PL 2"	75,000.00						75,000.00
Water Main Replacement, Loma PL 2"	61,313.70						61,313.70
Water Main Replacement, Virginia Court 2"	50,000.00						50,000.00
Water Main Replacement, Warren Court 2"	0.00	50,000					50,000.00
Water Main Replacements, Mitchell Court 2"	0.00	50,000					50,000.00
Water System SCADA	0.00		750,000				750,000.00
Wesley Road 6" WM Replacement	426,500.00						426,500.00
Wtr & Force main Relocation SR21 @ Azalea Ridge Blvd	165,000.00						165,000.00
SYSTEM EXPANSION							
Angora Bay Lift Station and Force Main Cost Share	0.45						0.45
Bradley Creek Crossing Cost Share	129,500.00						129,500.00
Bradley Creek Crossing-Cost Share	79,000.00						79,000.00
Brannen Mill Extension - Challenger Center	2,199,963.80						2,199,963.80
Clay Electric Cooperative Cost Share_Developer Agreement KH14/15-2	0.00						0.00
Cost Share - Extension from Mayfield Annex to Blanding	37,800.00						37,800.00
Governor's Park WTP Design and Build	0.00		1,997,600				1,997,600.00
Governor's Park WWTF Design and Build	0.00		5,000,000				5,000,000.00
Old Jennings Rd-Estimated Cost Share on oversizing to Commercial stub	40,000.00						40,000.00
Old Pointe Plaza Sewer Service	60,000.00						60,000.00
Popeyes - Middleburg	90,000.00						90,000.00
Blanding Blvd. from Azalea Ridge to CR-220	0.00		235,000				235,000.00
Blanding Blvd. from CR-220 to Long Bay	0.00	485,000					485,000.00
Blanding from Long Bay into Middleburg	155,000.00						155,000.00
CR 218 & 301 - Industrial Park - Phase I Plant/ Highland DRI, Design	0.00	750,000		5,000,000			5,750,000.00
CR 315 Utility Extensions	3,758.53						3,758.53
CR218 & 301 Industrial Park - Phase I WTP (Highlands DRI)	0.00	250,000		2,000,000			2,250,000.00
CR218 Utility Main Extensions	0.00	150,000	1,500,000	1,000,000			2,650,000.00
CR-220 from Blanding to Long Bay	0.00	200,000					200,000.00
CR-220 from MBHS to Blanding	0.00	375,000					375,000.00
Electronic Water Meters_Growth	595,000.25	225,000	225,000	225,000	225,000	225,000	1,720,000.25
FCOB Utility Crossings	0.00	500,000	1,000,000	1,000,000			2,500,000.00
Fleming Island Reg. WWTP - #4 Clarifier	461,072.87						461,072.87
Green Cove Regional Reclaimed WTP	0.00				500,000	3,000,000	3,500,000.00
Keystone - Bradford County	27,292.14						27,292.14
Keystone - Master Plan WM - Mossy Oaks to Geneva Lake Est.	0.00		900,000				900,000.00
Keystone Airport Sewer Main Extensions	0.00	500,000					500,000.00
Keystone Airport Waste Water Plant Construction	0.00	2,000,000					2,000,000.00
Keystone Airport Water Main Extensions	0.00	500,000					500,000.00
Keystone Airport WTP	0.00	1,000,000					1,000,000.00
Keystone Wastewater Treatment Plant - Phase II Construction	0.00		650,000	6,500,000			7,150,000.00
Long Bay Road from CR-220 to Blanding	360,000.00						360,000.00

Clay County Utility Authority
2018/2019 Capital Projects Expenditures Budget
And Five Year Capital Projects Plan
Adjusted for Prior Year Jobs Not Completed as of 4/30/2018

	ADJUSTED						TOTALS
	FISCAL YEAR 2017/2018	Fiscal Year 2018/2019	Fiscal Year 2019/2020	Fiscal Year 2020/2021	Fiscal Year 2021/2022	Fiscal Year 2022/2023	
Long Bay Road from Warm Springs Road to CR-220	425,000.00						425,000.00
LS #62 (Jefferson Square) Force Main Extension	0.00	490,000					490,000.00
Mid Clay WWTP - Phase II Plant Expansion	0.00	750,000	7,000,000				7,750,000.00
North Middleburg Force Main Extension	0.00		500,000				500,000.00
North Middleburg Master Pump Station	0.00		750,000				750,000.00
North Middleburg Water Main Crossing Black Creek	0.00		500,000				500,000.00
Peters Creek WWTP - Phase II	0.00	2,000,000					2,000,000.00
Peters Creek WWTP - Phase III Expansion w/ BCR	0.00				2,000,000	20,000,000	22,000,000.00
Ravines to Henly Road Water Main Extension	0.00	500,000	1,000,000	400,000			1,900,000.00
Ravines to Lake Asbury Northern Interconnect	0.00		500,000	500,000			1,000,000.00
Ridaught RWP - 750K Ground Storage Tank	0.00	937,500					937,500.00
Ridaught RWP - Install 3rd High Service Pump	0.00	70,000					70,000.00
Saratoga Springs RWP - Phase I	0.00	300,000	3,000,000				3,300,000.00
Saratoga Springs WTP - Phase I	0.00	500,000	3,500,000				4,000,000.00
Shadowlawn RWP - Phase I	0.00				300,000	3,000,000	3,300,000.00
Shadowlawn WTP - Phase I	0.00			500,000	3,000,000		3,500,000.00
Spencer's Force Main Extensions	0.00				500,000		500,000.00
Spencer's Master Pump Station and Force Main	0.00				750,000		750,000.00
Spencer's Reclaimed Water Main Extensions	0.00				500,000	500,000	1,000,000.00
Spencer's RWP	0.00					3,000,000	3,000,000.00
Spencer's Water Main Extensions	0.00				500,000	500,000	1,000,000.00
Tynes Reclaimed Water Plant (RWP) Design & Construction	551,805.19	2,500,000					3,051,805.19
ALTERNATIVE WATER SUPPLY							
AWS Development	0.00	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	22,000,000.00
FCOB Ph 3-Preliminary Design & Pilot Project Final Design	1,232,150.00						1,232,150.00
	29,725,711.90	29,020,313.00	56,762,040.00	28,038,875.00	18,306,500.00	40,385,000.00	202,238,439.90

Capital Expenditures Breakdown:

Renewal, Replacement & Betterment	23,278,369	12,037,813	23,504,440	5,913,875	5,031,500	5,160,000	74,925,997
System Expansion	5,215,193	14,982,500	28,257,600	17,125,000	8,275,000	30,225,000	104,080,293
Alternative Water Supply	1,232,150	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	23,232,150
	29,725,712	29,020,313	56,762,040	28,038,875	18,306,500	40,385,000	202,238,440