



TriCo Regional Sewer Utility

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BUDGET & FINANCE COMMITTEE MEETING

Friday, October 25, 2019 @ 7:30 A.M.
10701 N. College Ave, Suite A, Indianapolis, IN 46280

1. Public Comment
2. 2020 Operating Budget
3. 2020 Capital Budget
4. Project Financing

Next Scheduled Meeting: November 22, 2019

TriCo Regional Sewer Utility
 Budget & Finance Committee - Analysis of September 2019
 October 10, 2019

Income Statements

<u>Category</u>	<u>Actual</u>	<u>Budget</u>	<u>Variance</u> <u>(unfavorable)</u>	<u>Above /</u> <u>-Under</u> <u>Budget</u>	<u>Explanation</u>
Residential	416,055	403,452	12,603	3.12%	Over Budget
Commercial	277,065	255,436	21,629	8.47%	Over Budget
Other Revenue	46,779	13,332	33,447	250.88%	Over Budget-Inspection fees billed
Other Income	16,118	11,258	4,860	43%	Over Budget-Interest earned
Total Revenue	756,017	683,478	72,539	10.61%	Under Budget

Residential sales increased \$7,000 in September from August figures and were above budget. Commercial revenue was up \$10,000 from August and \$21,629 above budget. Other revenue was \$33,447 above budget. Other income was above projections by \$4,860 for September.

September: Total Sales of \$756,017 was \$72,539 (10.61%) over projected revenue of \$683,478. Total revenue surpassed August by \$50,000.

September Spending Analysis

Wages & benefits in September were \$170,405 and under budget by \$5,639 (3.20%). YTD wages & benefits spending is 41.32%.

Administration spending in September was \$77,218 which is \$20,760 over budget (36.77%). YTD admin spending is 13.15%.

Treatment costs in September were \$154,945 which is \$9,528 over budget (6.55%). YTD treatment spending is 36.23%.

Collection costs were \$44,451 in September which was \$11,216 under budget (20.15%). YTD collection spending is 9.30%.

Total Operating expenses in September were \$447,019 which is \$13,433 over budget (3.10%). YTD operating expenses are 77.56% of budget.

<u>Category</u>	<u>Actual</u>	<u>Budget</u>	<u>Variance</u> <u>(unfavorable)</u>	<u>Above /</u> <u>-Under</u> <u>Budget</u>	<u>Explanation</u>
Gross Wages	112,865	124,583	11,718	-9.41%	Under budget
Other Emp Exp	7,609	1,000	(6,609)	660.90%	Temp employee
Computer Expenses	24,471	12,500	(11,971)	195.77%	Higher expenses-2 months
Collection	2,708	333	(2,375)	713.21%	Recording fees - liens
Postage	10,021	4,500	(5,521)	122.69%	2 months - early bill date in August
Office Services	5,466	2,917	(2,549)	87.38%	2 months locate bills - early bill date in August
Treatment - Carmel	79,666	91,667	12,001	-13.09%	Lower flow
Operating Supplies-Plant	3,756	1,667	(2,089)	125.31%	Aluminum Sulfate costs
Utilities -Plant	24,702	21,667	(3,035)	14.01%	Higher costs
Line repairs	8,441	4,000	(4,441)	111.03%	BLD liners
Equipment Repairs	5,567	2,000	(3,567)	178.35%	Southeastern Equip
Total Operating Expenses	447,019	433,586	(13,433)	3.10%	Over Budget
Net Income (loss) net of depreciation	299,023	224,892	74,131	32.96%	Above projections

Cash Generated

Cash generated for September shows a net increase in all funds by \$637,456. Capital spending was \$112,238.87 which included spending for LS 14 Interceptor, Plant Expansion, Office Remodel, Camera Pole, and Pump replacement.

Individual fund balances and changes are listed on the Cash Generated Statements included with the monthly financial statements.

	September	August	+/- from last month
Operating	\$ 3,904,930	\$ 3,513,322	\$ 391,608
Interceptor	\$ 408,474	\$ 367,488	\$ 40,986
Plant Expansion	\$ 4,578,758	\$ 4,373,896	\$ 204,862
Operating Reserve	\$ 2,192,400	\$ 2,192,400	\$ -
Reserve for Replacement	\$ 403,751	\$ 403,751	\$ -
Total	\$ 11,488,314	\$ 10,850,857	\$ 637,456

YTD cash balances have increased \$2,807,867

Investments

A money market account was opened with \$1,650,000 at Lake City Bank in September. The interest rate is 2.25%.

The funds were moved from the money market account at Citizens State Bank. The rate at Citizens is 1.0%.

The District invested \$2,000,000 in September 2015 in a 5 year CD earning 2.05%.

TriCo Regional Sewer Utility**Balance Sheet**

September 2019

	Actual as of 09/30/2019	Actual as of 09/30/2018	% of Prior Year
ASSETS			
Utility Plant	113,551,528.03	114,495,661.38	99.18 %
Current Assets			
Cash & Investments			
Cash & Investments - Operating Fund	3,904,929.98	1,527,472.99	255.65 %
Cash & Investments - Operating Reserve	2,192,400.00	2,192,400.00	100.00 %
Cash & Investments - Reserve for Replacement	403,751.45	321,257.56	125.68 %
Cash & Investments - Interceptor Fund	408,474.22	(252,118.32)	(162.02)%
Cash & Investments - Plant Expansion Fund	4,578,757.85	4,409,714.92	103.83 %
Total Cash & Investments	11,488,313.50	8,198,727.15	140.12 %
Accounts Receivable	1,296,364.46	757,843.66	171.06 %
Liens Receivable	44,273.65	16,431.04	269.45 %
Invoiced Receivables	257,031.14	158,469.75	162.20 %
Notes & Interest Receivable	34,858.78	47,412.28	73.52 %
Investment Interest Receivable	172,762.00	131,762.00	131.12 %
Other Current Assets	218,999.06	191,769.94	114.20 %
Current Assets	13,512,602.59	9,502,415.82	142.20 %
TOTAL ASSETS	127,064,130.62	123,998,077.20	102.47 %
TOTAL LIABILITIES & EQUITY			
LIABILITIES			
Current Liabilities			
Invoiced Payables	93,911.05	68,220.55	137.66 %
Accounts Payable	327,315.84	23,595.08	1,387.22 %
Accrued Paid Leave	83,398.41	87,263.08	95.57 %
Other Current Liabilities	620,288.67	125,533.16	494.12 %
Total Current Liabilities	1,124,913.97	304,611.87	369.29 %
TOTAL LIABILITIES	1,124,913.97	304,611.87	369.29 %
EQUITY			
Retained Earnings	27,650,786.24	25,264,606.11	109.44 %
Construction in Aid	98,288,430.41	98,428,859.22	99.86 %
TOTAL EQUITY	125,939,216.65	123,693,465.33	101.82 %
Total	127,064,130.62	123,998,077.20	102.47 %

TriCo Regional Sewer Utility
Income Statement

September 2019

		Actual MTD thru 09/30/2019	Budget MTD thru 09/30/2019	Variance	% MTD	Actual YTD	Annual Budget	Variance	%YTD
Sales									
Residential									
4001-1 Sales - Residential		416,055	403,452	12,603	103.12 %	3,694,231	4,841,423	(1,147,192)	76.30 %
Residential		416,055	403,452	12,603	103.12 %	3,694,231	4,841,423	(1,147,192)	76.30 %
Commercial									
4003-1 Sales - Commercial		277,065	255,436	21,629	108.47 %	1,951,718	2,622,541	(670,823)	74.42 %
Commercial		277,065	255,436	21,629	108.47 %	1,951,718	2,622,541	(670,823)	74.42 %
Other Revenue									
4005-1 Late Charges		8,191	6,666	1,525	122.87 %	72,883	80,000	(7,117)	91.10 %
4007-1 Applications Fees		11,485	5,416	6,069	212.06 %	57,461	65,000	(7,540)	88.40 %
4009-1 Plan Reviews, Inspections, Misc. Revenue		27,104	1,250	25,854	2,168.28 %	54,799	15,000	39,799	365.33 %
Other Revenue		46,779	13,332	33,447	350.88 %	185,142	160,000	25,142	115.71 %
Total Sales		739,899	672,220	67,679	110.07 %	5,831,092	7,623,964	(1,792,872)	76.48 %
Other Income									
4501-1 Interest - Investments		3,370	2,833	537	118.94 %	30,666	34,000	(3,334)	90.19 %
4503-1 Interest - Banking		12,395	8,333	4,062	148.74 %	116,951	100,000	16,951	116.95 %
4507-1 Bank Fees		(20)	(8)	(12)	250.00 %	(180)	(100)	(80)	180.00 %
4601-1 Interest - by project		177	83	94	213.77 %	1,722	1,000	722	172.21 %
4701-1 Customer Fees & Reimbursements		-	17	(17)	0.00 %	-	200	(200)	0.00 %
4801-1 Gain/Loss on Asset Disposal		-	-	-	0.00 %	9,451	-	9,451	0.00 %
4901-1 Misc Income/Expense		195	-	195	0.00 %	61	-	61	0.00 %
Other Income		16,118	11,258	4,859	143.16 %	158,671	135,100	23,571	117.45 %
Total Revenue		756,017	683,478	72,538	110.61 %	5,989,762	7,759,064	(1,769,302)	77.20 %
Operating Expenses									
Wages & Benefits									
5001-1 Gross Wages		112,865	124,583	11,719	90.59 %	1,161,312	1,495,000	333,688	77.68 %
5003-1 Other Employee Exp		7,609	1,000	(6,609)	760.94 %	22,638	12,000	(10,638)	188.65 %
5005-1 Retirement Plan - Hoosier START		11,313	12,283	971	92.10 %	114,348	147,400	33,052	77.58 %
5007-1 Employee Insurance		29,977	29,253	(724)	102.48 %	269,544	351,030	81,486	76.79 %
5009-1 Taxes (Employer FICA)		8,642	8,925	283	96.83 %	83,148	107,100	23,952	77.64 %
Wages & Benefits		170,405	176,044	5,639	96.80 %	1,650,991	2,112,530	461,539	78.15 %

		Actual MTD thru 09/30/2019	Budget MTD thru 09/30/2019	Variance	% MTD	Actual YTD	Annual Budget	Variance	%YTD
Administration									
5101-1	Clay Township Govt Center Operations	4,757	4,333	(423)	109.77 %	36,391	52,000	15,609	69.98 %
5103-1	Professional Education	435	1,667	1,232	26.10 %	5,284	20,000	14,716	26.42 %
5105-1	Boardmember Fees	1,500	1,583	83	94.74 %	12,830	19,000	6,170	67.53 %
5107-1	Board Expense	63	125	62	50.36 %	915	1,500	585	61.00 %
5109-1	Consulting	3,750	4,167	417	90.00 %	30,953	50,000	19,047	61.91 %
5111-1	Computer Expenses/Consultants	24,471	12,500	(11,971)	195.77 %	141,339	150,000	8,661	94.23 %
5113-1	Insurance	10,238	9,167	(1,071)	111.69 %	81,805	110,000	28,195	74.37 %
5115-1	Accounting Fees	-	417	417	0.00 %	18,766	5,000	(13,766)	375.32 %
5117-1	Legal Fees	2,943	2,917	(26)	100.89 %	24,213	35,000	10,787	69.18 %
5119-1	Engineering Fees	4,392	3,333	(1,059)	131.77 %	4,392	40,000	35,608	10.98 %
5125-1	Professional Affiliations	-	392	392	0.00 %	2,192	4,700	2,508	46.63 %
5127-1	Travel & Mileage	1,006	667	(339)	150.86 %	5,083	8,000	2,917	63.54 %
5129-1	Collection	2,708	333	(2,374)	812.29 %	8,738	4,000	(4,738)	218.46 %
5131-1	Billing Service Contracts	5,214	4,500	(714)	115.87 %	63,463	54,000	(9,463)	117.52 %
5133-1	Bad Debt Expense	-	25	25	0.00 %	1,149	300	(849)	383.07 %
5135-1	Office Expense	210	833	624	25.15 %	9,260	10,000	740	92.60 %
5137-1	Postage Expense	10,021	4,500	(5,521)	222.69 %	42,035	54,000	11,965	77.84 %
5139-1	Office Services	5,466	2,917	(2,550)	187.41 %	28,028	35,000	6,972	80.08 %
5141-1	Customer Outreach & Education	45	2,083	2,038	2.17 %	8,525	25,000	16,475	34.10 %
Administration		77,218	56,458	(20,760)	136.77 %	525,362	677,500	152,138	77.54 %
Treatment									
5201-1	Sewage Treatment - Carmel WWTP	79,666	91,667	12,001	86.91 %	870,594	1,100,000	229,406	79.14 %
5203-1	Sewer Sampling & Lab	4,871	4,167	(705)	116.91 %	38,092	50,000	11,909	76.18 %
5205-1	Biosolids Disposal	14,774	12,500	(2,274)	118.19 %	115,128	150,000	34,872	76.75 %
5207-1	Plant R & M	26,497	12,500	(13,997)	211.97 %	147,155	150,000	2,845	98.10 %
5209-1	Utilities - Plant	24,702	21,667	(3,035)	114.01 %	231,676	260,000	28,324	89.11 %
5211-1	Operating Supplies - Plant	3,756	1,667	(2,090)	225.39 %	24,125	20,000	(4,125)	120.62 %
5213-1	Safety Materials & Training	678	1,250	572	54.26 %	10,730	15,000	4,270	71.53 %
5215-1	Permits	-	-	-	0.00 %	10,180	12,000	1,820	84.83 %
Treatment		154,945	145,417	(9,528)	106.55 %	1,447,679	1,757,000	309,321	82.40 %
Collection System									
5301-1	Lift Station R & M	10,711	10,417	(294)	102.82 %	91,761	125,000	33,239	73.41 %
5303-1	Line Maintenance	1,253	9,000	7,747	13.92 %	30,756	65,000	34,244	47.32 %
5305-1	Line Repair	8,441	4,000	(4,441)	211.02 %	24,716	50,000	25,284	49.43 %
5307-1	Equipment Repair	5,567	2,000	(3,567)	278.37 %	26,697	20,000	(6,697)	133.48 %
5313-1	Vehicle R & M	241	583	342	41.35 %	7,407	7,000	(407)	105.82 %
5315-1	Fuel	1,710	1,583	(126)	107.97 %	15,229	19,000	3,771	80.15 %

		Actual MTD thru 09/30/2019	Budget MTD thru 09/30/2019	Variance	% MTD	Actual YTD	Annual Budget	Variance	%YTD
5317-1	Utilities - Lift Stations	14,252	15,417	1,165	92.45 %	147,189	185,000	37,811	79.56 %
5319-1	Operating Supplies - Collection System	120	1,250	1,130	9.62 %	10,846	15,000	4,154	72.31 %
5321-1	Manhole R&M	2,156	7,000	4,844	30.80 %	13,305	66,000	52,695	20.16 %
5322-1	Televising	-	3,333	3,333	0.00 %	48	40,000	39,952	0.12 %
5323-1	Uniforms & Shop Towels	-	1,083	1,083	0.00 %	3,843	13,000	9,157	29.56 %
Collection System		44,451	55,667	11,216	79.85 %	371,796	605,000	233,204	61.45 %
Total Operating Expenses		447,019	433,586	(13,433)	103.10 %	3,995,828	5,152,030	1,156,202	77.56 %
Depreciation									
5901-1	Depreciation	326,732	316,667	(10,065)	103.18 %	2,940,581	3,800,000	859,419	77.38 %
Depreciation		326,732	316,667	(10,065)	103.18 %	2,940,581	3,800,000	859,419	77.38 %
Amortization									
5911-1	Amortization of CIAC	(316,757)	(291,667)	25,090	108.60 %	(2,850,813)	(3,500,000)	(649,187)	81.45 %
Amortization		(316,757)	(291,667)	25,090	108.60 %	(2,850,813)	(3,500,000)	(649,187)	81.45 %
Total Expenses		456,993	458,586	1,593	99.65 %	4,085,596	5,452,030	1,366,434	74.94 %
NET SURPLUS/(DEFICIT)		299,023	224,892	74,131	132.96 %	1,904,166	2,307,034	(402,868)	82.54 %

TriCo Regional Sewer Utility
Cash Generated
September 2019

	Operating	Interceptor	Plant Expansion	Operating Reserve	Reserve for Replacement	TOTAL
Beginning Balance	3,513,322	367,488	4,373,896	2,192,400	403,751	10,172,894 0
Receipts:						
Deposits	691,047	55,986	204,862			951,896
Interest	12,395					12,395
Transfers						0
Total Receipts	<u>703,442</u>	<u>55,986</u>	<u>204,862</u>	<u>0</u>	<u>0</u>	<u>964,291</u>
Disbursements:						
Checks	221,754				0	221,754
Carmel Utilities	79,666					79,666
Plant Outflow 1701/1906						0
Plant Odor Control-1505						0
LS 8 Upgrades - 1904						0
LS 14 Forcemain Extension 1901		15,000				15,000
96th Keyston Repairs						0
LS 4 Elim - 1801						0
106th St Parallel FM-1601						0
Office Remodel	10,614					10,614
Neighborhood sewers		0				0
96th Keystone Relocate - 1702						0
Plant Expansion - 1902			0			0
Springmill Interceptor-1602						0
Haver Way - 1802						0
Transfers						0
Total Disbursements	<u>312,034</u>	<u>15,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>327,034</u>
Net Increase/(Decrease)	391,408	40,986	204,862	0	0	637,256
Petty Cash	200					
Ending Balance	3,904,930	408,474	4,578,758	2,192,400	403,751	11,488,313

TriCo Regional Sewer Utility
Cash Generated
YTD September 2019

	Operating	Interceptor	Plant Expansion	Operating Reserve	Reserve for Replacement	TOTAL
Beginning Balance	1,843,351	32,271	3,991,166	2,192,400	621,258	8,680,446
Receipts:						
Deposits	5,903,867	550,136	1,146,686	0	0	7,600,689
Interest	116,951	0	0	0	0	116,951
Transfers	0	0	0	0	0	0
Total Receipts	<u>6,020,817</u>	<u>550,136</u>	<u>1,146,686</u>	<u>0</u>	<u>0</u>	<u>7,717,640</u>
Disbursements:						
Checks	2,961,688	27,955	0	0	217,507	3,207,150
Carmel Utilities	870,594	0	0	0	0	870,594
Plant Outflow 1701/1906	0	0	59,165	0	0	59,165
Plant Odor Control-1505	20,000	0	0	0	0	20,000
LS 8 Upgrades - 1904	0	0	0	0	0	0
LS 4 Forcemain Extension 1901	0	39,770	0	0	0	39,770
96th Keyston Repairs	0	0	0	0	0	0
LS 4 Elim - 1801	0	0	0	0	0	0
106th St Parallel FM-1601	0	17,420	0	0	0	17,420
Office Remodel	28,529	0	0	0	0	28,529
Neighborhood sewers	0	55,788	0	0	0	55,788
96th Keystone Relocate - 1702	1,878	0	0	0	0	1,878
Plant Expansion - 1902	76,750	0	499,930	0	0	576,680
Springmill Interceptor-1602	0	0	0	0	0	0
Haver Way - 1802	0	33,000	0	0	0	33,000
Transfers	0	0	0	0	0	0
Total Disbursements	<u>3,959,439</u>	<u>173,933</u>	<u>559,094</u>	<u>0</u>	<u>217,507</u>	<u>4,909,974</u>
Net Increase/(Decrease)	2,061,378	376,203	587,592	0	(217,507)	2,807,666
Petty Cash	200					
Ending Balance	3,904,929	408,474	4,578,758	2,192,400	403,751	11,488,312

TriCo Regional Sewer Utility District Cash & Investments

September 30, 2019

Bank & Purch Date	Account	Amount	Maturity Date	Rate	Fund
<u>Citizens State Bank</u>					
	Checking	\$ 563,206		0.08%	Plt Expan, Oper, Interceptor, Repl Oper, Oper Res
	Money Market	\$ 2,213,862		1.00%	
<u>Lake City Bank</u>					
	Money Market	\$ 1,670,112		2.05%	Operating
<u>Merchants Bank of Indiana</u>					
	Money Market	\$ 1,212,774		2.05%	Plant Expan, Oper, R\$R Plt Expan, Oper, Oper Res
	Money Market	\$ 3,856,989		1.75%	
<hr/>					
<u>Fifth Third Bank</u>					
7/15/2015	CD - 5 years	\$ 2,000,000	7/15/2020	2.05%	Operating Reserve, Oper
TOTAL CASH & Investments		<u>\$ 11,516,942</u>		2.14%	Interest rate - Total
Less: Cash		<u><u>\$ 9,516,942</u></u>		1.57%	Interest rate - Cash
NET INVESTMENTS		<u>\$ 2,000,000</u>		2.05%	Interest rate - Investments

2019 Capital Budget

See project fact sheets for more information on individual projects

Location	Project No.	Project	Funding Source	2018+2019 Budget	Sept Spending	YTD Spending	Note/Justification
WWTP	Michigan Road Wastewater Treatment Plant						
	1505	Headworks Odor Control	Operating	\$ 20,000		\$ 20,000	
	1902	WWTP Expansion (screen, clarifier, 4 VLRs, genset, UV)	Plant Expansion	\$ 460,000	\$ 58,200	\$ 558,130	
	1902	WWTP Expansion (grit)	Operating	\$ 100,000		\$ 76,750	
	1906	WWTP Outfall Sewer Expansion	Plant Expansion	\$ 2,420,000		\$ 59,164	New project started in '18 after #1701 was cancelled
	2502	WWTP Expansion (clarifier)	Plant Expansion	\$ -		\$ -	
	2502	WWTP Expansion (clarifier + belt filter press replacement)	Reserve for Replacement	\$ -		\$ -	
		Carmel WWTP BPR	Operating	\$ -		\$ -	Scope & TriCo participation in up front cost TBD
		WWTP Alternative Power	Operating	\$ -		\$ -	Solar panels to reduce power consumption. Staff to reevaluate payback in future years.
		Annual Plant Improvement & Repair Projects	Operating	\$ 150,000		\$ 16,251	Typical annual expenditures
LS 1	Carmel Creek					\$ -	
		Basin 1 I&I Removal	Operating	\$ 60,000		\$ -	Line repairs remain. Combine with Basin 8 efforts.
	1702	96th/Keystone Force Main & Gravity Sewer Relocation	Operating	\$ 175,000		\$ 1,878	Amounts budgeted & spent in 2018 include \$110,000 reimbursement from Carmel
	1802	Haver Way/Whitley Drive Lift Station & Sewer Reconstruction	Interceptor	\$ 200,000		\$ 33,000	Amounts budgeted do not include contribution or future reimbursement from property owners
	2201	LS 1 Replace wet weather pumps, generator, wet well piping	Reserve for Replacement	\$ -		\$ -	Replace equipment at the end of its service life.
		Fence Replacement	Operating Fund	\$ -		\$ -	
LS 2	Meridian Corridor					\$ -	
	1601	106th Street Parallel Force main (Ditch Road to WWTP)	Interceptor	\$ -		\$ 17,420	
	1602	Springhill Parallel Interceptor	Interceptor	\$ -		\$ -	
	1907	LS 2 Odor Control System Replacement	Reserve for Replacement	\$ 200,000		\$ -	Replace aging system that requires frequent repairs and \$30,000+ annual media replacement costs
	2401	106th Street Parallel Force main (LS 2 to Ditch Road)	Interceptor	\$ -		\$ -	Timing is based on when capacity is needed.
LS 3	Northern Heights					\$ -	
		(no projects)		\$ -		\$ -	
LS 4	Springmill Ridge					\$ -	
	1801	Interceptor extension and lift station elimination	Interceptor	\$ 145,000		\$ -	
LS 5	Springmill Streams					\$ -	
	2601	Interceptor extension & lift station elimination	Interceptor	\$ -		\$ -	Combine this project with the LS19 elimination project.
LS 6	Waldon Pond					\$ -	

2019 Capital Budget

See project fact sheets for more information on individual projects

Project		Project	Funding Source	2018+2019 Budget	Sept Spending	YTD Spending	Note/Justification
Location	No.						
	1705	Interceptor extension & lift station elimination	Interceptor	\$ 400,000		\$ -	Timing is development driven.
LS 7	Laurelwood Sub					\$ -	
		(no projects)		\$ -		\$ -	
LS 8	Laurelwood					\$ -	
		Basin 8 I&I removal	Operating	\$ 100,000		\$ -	Combine with Basin 1 efforts.
	2101	LS 8 Reconstruction + new force main to 106th St	Operating	\$ -		\$ -	Wet weather capacity needed. Scope is pending force main troubleshooting and I&I removal
LS 9	Towne Road					\$ -	
		(no projects)		\$ -		\$ -	
LS 10	Michigan Road					\$ -	
	2102	LS 10 Replace pumps, wet well piping, controls, backup generator	Reserve for Replacement	\$ -		\$ -	Wet weather capacity needed. Scope is pending force main troubleshooting
LS 11	Boone County					\$ -	
		(no projects)		\$ -		\$ -	
LS 12	Kingsmill					\$ -	
		(no projects)		\$ -		\$ -	
LS 14	Austin Oaks					\$ -	
	1901	Parallel force main extension	Interceptor	\$ 1,465,000	\$ 15,341	\$ 40,111	Capacity needed for wet weather
	2202	LS 14 Generator replacement & control	Reserve for Replacement	\$ -		\$ -	Replace equipment at the end of its service life.
	2001	LEC Interceptor extension	Interceptor	\$ 100,000		\$ -	Timing is development driven.
LS 16	Zionsville Presbyterian					\$ -	
	1905	LS 16 Replacement/relocation	Interceptor	\$ 50,000		\$ -	Timing is development driven.
LS 17	Zion Hills					\$ -	
	2501	LS 17 Pump & electrical upgrades	Reserve for Replacement	\$ -		\$ -	Timing is based on when capacity is needed.
LS 18	Train Express					\$ -	
		LS 18 Pump replacements	Reserve for Replacement	\$ -		\$ -	Replace pumps at the end of their service life.
LS 19	Village of West Clay					\$ -	
	2601	Interceptor extension & lift station elimination	Interceptor	\$ -		\$ -	Combine this project with the LS5 elimination project.
LS 20	Mayflower Park					\$ -	
		Pump replacement	Reserve for Replacement	\$ -		\$ -	Replace pumps at the end of their service life.
LS 21	High Grove					\$ -	
	2301	Interceptor extension & lift station elimination	Interceptor	\$ -		\$ -	Timing is development driven.
		New Fence	Operating			\$ 5,000	New fence at the lift station
LS 22	North Augusta					\$ -	
		(no projects)		\$ -		\$ -	
LS 23	126th Street					\$ -	
	2203	LS 23 Pump & electrical upgrades	Reserve for Replacement	\$ -		\$ -	Timing is based on when capacity is needed.
LS 24	Parkwood West					\$ -	
		(no projects)		\$ -		\$ -	
LS 25	Towne Oak Estates					\$ -	

2019 Capital Budget

See project fact sheets for more information on individual projects

Project		Project	Funding Source	2018+2019 Budget	Sept Spending	YTD Spending	Note/Justification
Location	No.						
		(no projects)		\$ -		\$ -	
LS 26		Jacksons Grant				\$ -	
	N/A	Jackson's Grant Section 2 sewer oversized	Interceptor	\$ 34,182		\$ -	
	N/A	Jackson's Grant Section 6 sewer oversized/extension	Interceptor	\$ 57,169		\$ -	
	1503	NE Regional Lift Station	Interceptor			\$ 279,955	Final payment for 2015 project
	2103	LS 26 additional pumps, backup generator & parallel force main extension	Interceptor	\$ -		\$ -	Timing is based on when capacity is needed in the Spring Mill Interceptor and at LS 26.
General collection system projects						\$ -	
		Annual Misc. Repairs, Replacements & Line Relocations	Reserve for Replacement	\$ 150,000	\$ 12,280	\$ 21,980	Repairs are made as problems are found during televising.
	1908	Future Neighborhood Sewer Projects	Interceptor	\$ 300,000		\$ 55,788	Extend service into unsewered neighborhoods
	1707	Autumn Woods, W116thSt, Williams Manor, spring mill Place/Heights Neighborhood Sewer Extension Project	Operating	\$ -		\$ -	
Equipment						\$ -	
		Vehicles	Operating	\$ 1,500		\$ -	Scheduled Replacement of Vehicles
		Laboratory Equipment	Reserve for Replacement	\$ 5,000		\$ -	Replacement and Upgrades to Lab equipment
		Gear Reducer	Reserve for Replacement	\$ 60,000		\$ -	
		Chem Tank Drain Replacement	Reserve for Replacement	\$ -		\$ -	
		Refrigerated B.O.D. Incubators	Reserve for Replacement	\$ -		\$ -	
		Clayapp Server Replacement	Operating	\$ -		\$ -	
		Datto Replacement (Computer Backup)	Operating	\$ -		\$ -	
		240, 480 Selectable portable Genset	Reserve for Replacement	\$ -		\$ -	Existing Generators are from 1985 & 1992
		LS to Genset Quick Connect	Reserve for Replacement	\$ 25,000		\$ 17,384	New Connectors are much safer than current.
		Pump Rebuild lifting Table	Operating	\$ 6,000		\$ 5,661	Staff performing more repairs in-house
		Omnisite Radios	Reserve for Replacement	\$ 7,000		\$ -	Received End of Life Notification on radios.
		PLC upgrade LS1,2	Reserve for Replacement	\$ 10,000		\$ 8,602	Processors are not compatible with new Logix firmware.
		Pole Camera	Operating	\$ 17,000	\$ 15,950	\$ 15,950	To be used for manhole/I&I inspections and verifying the condition of the main.
		CCTV Camera & Tractor	Reserve for Replacement	\$ 35,000		\$ 32,000	Multiple repairs this year on the camera. A second camera will allow televising to continue.
				\$ -		\$ -	
		Plant PLC Upgrades	Reserve for Replacement	\$ 60,000		\$ 49,528	Replacement of 10+ year old electronics
		Plant Flow Meter/Transmitter Replacement	Reserve for Replacement	\$ 70,000		\$ 66,063	Replacing five outdated meters
		Digester Modifications	Operating	\$ 60,000		\$ 15,072	Additional Piping to improve operations
		Server Replacement	Reserve for Replacement	\$ 15,000		\$ -	Upgrade to replace 2008 Server
		IT Security Improvements	Operating	\$ 10,000		\$ 11,500	Firewall Unit Replacement

2019 Capital Budget

See project fact sheets for more information on individual projects

Project		Project	Funding Source	2018+2019 Budget	Sept Spending	YTD Spending	Note/Justification
Location	No.						
		Skid steer	Reserve for Replacement	\$ -		\$ -	Existing unit is a 1995 model and repairs are beginning to increase.
				\$ -		\$ -	
Administration Projects						\$ -	
		HiperWeb	Operating	\$ 10,000		\$ 8,996	Final payment for Hiperweb
		Admin office improvements	Operating	\$ 300,000	\$ 10,614	\$ 28,530	Update customer area, relocate conference room, security improvements and equipment/mud room for field staff.
		Plant office/shop improvements	Operating	\$ 200,000		\$ -	Expand office and conference/training room space.
						\$ -	
		Totals		\$ 7,482,851	\$ 112,385	\$ 1,444,712	
		Operating			\$ 26,564		
		Reserve for Replacement			\$ 12,280		
		Plant Expansion			\$ 58,200		
		Interceptor			\$ 15,341		
		Total			\$ 112,385		



MEMORANDUM

To: B&F Committee
From: Andrew Williams
Date: October 22, 2019
Subject: 2020 Proposed Operating Budget

The 2020 Preliminary Budget is attached for your review and comments. While the “2019 YRD” column shows actual revenues and expenses, the “2019 Projected” column is our best estimate of what the final numbers will be on December 31. The following summary provides details on assumptions made and details to selected line items.

A rate increase was not included in the revenue projections for 2020. Both Residential and Commercial sales are projected to be 0.5% over the 2019 projected totals.

The Gross Wages have been calculated using the Step chart and estimating a 2.0% COLA. The P&B Committee is evaluating the 2020 COLA and will have a recommendation for the Board at the December meeting.

The Employee Insurance line includes a 5.3% renewal for our current Anthem policy. I recommend we keep this “Grandmothered” policy and renew with Anthem.

Government Center Operations costs were reduced slightly since we will no longer be participating in the phone system managed by Taylored Systems through a contract with the Trustee’s office. The entire phone system is scheduled to be replaced and we saw this an opportunity to break off and contract for our own phone system. While we believe this will provide better service, it will also simplify the switch should we relocate to the plant. The cost of the new system has been moved to the Office Services line.

The Computer Expenses/Consultant line has increased again this year. The consultants and software programs used by TriCo continue to add value, but also go up in cost. The majority of the expense is for ITIndianapolis that handles our IT managed services. The other costs are for annual software subscription renewals. Staff is continually evaluating benefits derived from the software and does evaluate other competing software to make sure we are getting the best value.

The proposed \$85,000 Billing Services line is a substantial increase over last year’s budget of \$54,000. The 2019 budget number was a typo. We had budgeted \$88,000 in 2018 and spent \$83,000. We are currently on track to spend \$85,000 this year. I believe

the \$54,000 amount came from the Postage Expense line which was budgeted at \$54,000 for 2019.

Office Services is being increased to \$60,000 from a budget of \$35,000 in 2018 and 2019. This increase includes the addition of \$15,000 for a lock box service for processing of payments and the VoIP phone system to replace the system that we had paid to the Trustee.

The Utilities line for both the plant and lift stations have been trending upward and adjustments were made in both of this line items.

In summary, the projected net surplus for 2020 is \$2,312,077, a decrease from the 2019 projected net surplus of \$2,495,841. We are budgeting a modest 0.6% increase in total revenue vs. projected 2019 revenues. And a 4.2% increase in Operating Expenses vs. projected 2019 expenses.

10/23/2019									
Revenues	TriCo 2020 Preliminary Budget	Approved 2018 Budget	2018 Actuals	Approved 2019 Budget	2019 YTD- 9/30/19	2019 Projected	Proposed 2020 Budget	% Change Budget 2019 - 2020	% Change 2019 Est. to 2020 Budget
	REVENUES								
4001-1	Sales - Residential	4,707,671	4,730,116	4,841,423	3,694,231	4,900,000	4,975,000	2.8%	1.5%
4003-1	Sales - Commercial	2,710,662	2,537,037	2,622,541	1,951,718	2,600,000	2,613,000	-0.4%	0.5%
4005-1	Late Charges	84,000	92,426	80,000	72,883	97,000	97,000	21.3%	0.0%
4007-1	Applications Fees	67,500	72,818	65,000	57,461	70,000	65,000	0.0%	-7.1%
4009-1	Plan Reviews, Inspections, Misc. Revenue	17,000	14,169	15,000	54,799	63,000	55,000	266.7%	-12.7%
4501-1	Interest - Investments	55,000	41,000	34,000	30,666	41,000	40,000	17.6%	-2.4%
4503-1	Interest - Banking		88,799	100,000	116,951	145,000	125,000	25.0%	-13.8%
4507-1	Bank Fees	(500)	(279)	(100)	(180)	(240)	(240)	140.0%	0.0%
4601-1	Interest - by project	4,334	2,923	1,000	1,722	1,900	1,500	50.0%	-21.1%
4701-1	Customer Fees & Reimbursements	200	-	200	-	-		-100.0%	
4801-1	Gain/Loss on Asset Disposal		0	0	9,451	9,451			-100.0%
4901-1	Misc Income/Expense	5,000	1,189	0	61	61	100	100.00%	63.93%
	TOTAL REVENUES	7,650,867	7,580,197	7,759,064	5,989,762	7,927,172	7,971,360	2.74%	0.6%
Expenses									
	EXPENSES								
5001-1	Gross Wages	1,450,000	1,456,171	1,495,000	1,161,312	1,495,000	1,550,667	3.7%	3.7%
5003-1	Other Employee Exp	10,000	9,068	12,000	22,638	30,000	12,000	0.0%	-60.0%
5005-1	Retirement Plan - Hoosier START	143,500	143,095	147,400	114,348	145,000	152,967	3.8%	5.5%
5007-1	Employee Insurance	365,643	341,981	351,030	269,544	360,000	370,855	5.6%	3.0%
5009-1	Taxes (Employer FICA)	104,423	102,703	107,100	83,148	114,300	118,626	10.8%	3.8%

5101-1	Govt Center Operations	52,000	51,470	52,000	36,391	48,500	48,500	-6.7%	0.0%
5103-1	Professional Education	16,000	21,028	20,000	5,284	15,000	20,000	0.0%	33.3%
5105-1	Board member Fees	18,000	20,200	19,000	12,830	17,200	19,000	0.0%	10.5%
5107-1	Board Expense	1,500	1,545	1,500	915	1,300	1,500	0.0%	15.4%
5109-1	Consulting	50,000	6,169	50,000	30,953	43,000	50,000	0.0%	16.3%
5111-1	Computer Expenses/Consultants	150,000	180,895	150,000	141,339	188,000	190,000	26.7%	1.1%
5113-1	Insurance	100,000	105,972	110,000	81,805	109,000	110,000	0.0%	0.9%
5115-1	Accounting Fees	15,000	-	5,000	18,766	19,000	5,000	0.0%	-73.7%
5117-1	Legal Fees	40,000	27,509	35,000	24,213	33,000	35,000	0.0%	6.1%
5119-1	Engineering Fees	40,000	10,706	40,000	4,392	6,000	30,000	-25.0%	400.0%
5125-1	Professional Affiliations	4,500	5,531	4,700	2,192	5,000	5,000	6.4%	0.0%
5127-1	Travel & Mileage	8,000	6,539	8,000	5,083	6,800	7,000	-12.5%	2.9%
5129-1	Collection	800	7,394	4,000	8,738	11,600	9,000	125.0%	-22.4%
5131-1	Billing Service Contracts	88,000	83,006	54,000	63,463	85,000	85,000	57.4%	0.0%
5133-1	Bad Debt Expense	5,000	4,738	300	1,149	1,500	1,500	400.0%	0.0%
5135-1	Office Expense	6,000	11,778	10,000	9,260	11,000	10,000	0.0%	-9.1%
5137-1	Postage Expense	40,000	52,134	54,000	42,035	56,000	60,150	11.4%	7.4%
5139-1	Office Services	35,000	44,071	35,000	28,028	37,000	60,000	71.4%	62.2%
5141-1	Customer Outreach & Education	25,000	10,389	25,000	8,525	24,000	25,000	0.0%	4.2%

Revenues	TriCo 2020 Preliminary Budget	Approved 2018 Budget	2018 Actuals	Approved 2019 Budget	2019 YTD- 9/30/19	2019 Projected	Proposed 2020 Budget	% Change Budget 2019 - 2020	% Change 2019 Est. to 2020 Budget
5201-1	Treatment - Carmel WWTP	1,100,000	1,072,114	1,100,000	870,594	1,160,000	1,200,000	9.1%	3.4%
5203-1	Sewer Sampling & Lab	40,000	56,594	50,000	38,092	50,000	50,000	0.0%	0.0%
5205-1	Biosolids Disposal	150,000	181,064	150,000	115,128	154,000	165,000	10.0%	7.1%
5207-1	Plant R & M	150,000	271,779	150,000	147,155	165,000	170,000	13.3%	3.0%
5209-1	Utilities - Plant	240,000	276,841	260,000	231,676	280,000	295,000	13.5%	5.4%
5211-1	Operating Supplies - Plant	15,000	28,236	20,000	24,125	29,000	29,000	45.0%	0.0%
5213-1	Safety Materials & Training	15,000	11,110	15,000	10,730	14,500	15,000	0.0%	3.4%
5215-1	IDEM Permits	12,000	10,270	12,000	10,180	10,180	10,500	-12.5%	3.1%

5301-1	Lift Station R & M	95,000	149,381	125,000	91,761	122,000	125,000	0.0%	2.5%
5303-1	Line Maintenance	65,000	49,535	65,000	30,756	41,000	55,000	-15.4%	34.1%
5305-1	Line Repair	50,000	29,113	50,000	24,716	33,000	50,000	0.0%	51.5%
5307-1	Equipment Repair	20,000	22,000	20,000	26,697	27,000	20,000	0.0%	-25.9%
5313-1	Vehicle R & M	10,000	4,316	7,000	7,407	9,800	8,000	14.3%	-18.4%
5315-1	Fuel	19,000	20,328	19,000	15,229	20,000	20,000	5.3%	0.0%
5317-1	Utilities - Lift Stations	200,000	178,974	185,000	147,189	194,000	198,000	7.0%	2.1%
5319-1	Operating Supplies - Sewer System	60,000	9,100	15,000	10,846	14,500	15,000	0.0%	3.4%
5321-1	Manhole R&M	66,000	125,312	66,000	13,305	60,000	66,000	0.0%	10.0%
5322-1	Televising	45,000	0	40,000	48	37,500	40,000	0.0%	6.7%
5323-1	Uniforms & Shop Towels	8,000	11,535	13,000	3,843	13,000	13,000	0.0%	0.0%

	Total Operating Expenses	5,128,366	5,212,157	5,152,030	3,995,829	5,296,680	5,521,265	7.2%	4.2%
	OPERATING INCOME	2,522,501	2,368,048	2,607,034	1,993,933	2,630,493	2,450,095	-6.0%	-6.9%
5901-1	Depreciation	3,687,769	3,895,260	3,800,000	2,940,581	4,410,872	4,521,143	19.0%	2.5%
5911-1	Amortization of CIAC	(3,372,264)	(3,294,816)	(3,500,000)	(2,850,813)	(4,276,220)	(4,383,125)	25.2%	2.5%
	TOTAL EXPENSES	5,443,871	5,812,601	5,452,030	4,085,597	5,431,332	5,659,283	3.8%	4.2%
	Net Surplus (Deficit)	2,206,996	1,767,596	2,307,034	1,904,165	2,495,841	2,312,077	0.2%	-7.4%

2020 Capital Budget

DRAFT CAPITAL BUDGET LAST UPDATED WM 10/23/19
See project fact sheets for more information on individual projects

		Year needed								Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10				
Project		Near-term			Year	Staff				2019 YTD	Projected												
Location	No.	Project	Priority	Earliest	Latest	Budgeted	Driver	Funding Source	2019 Approved Budget	Spending thru August	Spending Sept-Dec 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Note/Justification	
WRRF	Michigan Road Water Resource Recovery Facility																						
	1902	WRRF Expansion	High	2020	2021	2019-21	WM	Plant Expansion	\$ 460,000	\$ 499,930	\$ -	\$ 6,400,000	\$ 6,400,000									Includes capacity-related work (3rd screen, 2 clarifiers, 4 VLRs, genset, UV)	
	1902	WRRF Expansion (grit)	High	2020	2021	2019-21	WM	Operating	\$ 100,000	\$ 76,750	\$ 20,000	\$ 1,100,000	\$ 1,100,000									New grit removal equipment	
	1902	WRRF Expansion (clarifiers 1-3 repl)	High	2020	2021	2019-21	WM	Reserve for Replacement	\$ -	\$ -	\$ 90,000	\$ 1,100,000	\$ 1,100,000									Replaces 3 small aging clarifiers	
	1906	WRRF Outfall Sewer Expansion	High	2018	2019	2018-19	WM	Plant Expansion	\$ 2,300,000	\$ 59,165	\$ 5,000	\$ 2,300,000										'19 budget reduced due to late start	
	1910	WRRF Office Unification	High	2019	2020	2019-20	WM	Operating	\$ 200,000	\$ 17,916	\$ 65,000	\$ 2,150,000										Includes building, site, FFE, repl of aging bldg systems. Sale of admin office not included.	
	2502	WRRF Belt filter press replacement	Low	2025	2027	2025-27	WM	Reserve for Replacement	\$ -	\$ -	\$ -						\$ 150,000	\$ 2,100,000					
		Annual Plant Improvement & Repair Projects				annual	SW	Operating	\$ 150,000	\$ 16,251	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	Typical annual expenditures	
LS 1	Carmel Creek																						
	1802	Haver Way/Whitley Drive Lift Station & Sewer Reconstruction	High	2018	2020	2019-20	WM	Interceptor	\$ 200,000	\$ 33,000	\$ 40,000	\$ 650,000										Amounts budgeted do not include contribution or future reimbursement from property owners	
	2201	LS 1 Replace wet weather pumps, generator, wet well piping	Medium	2020	2022	2022	WM	Reserve for Replacement	\$ -	\$ -	\$ -			\$ 500,000								Replace equipment at the end of its service life.	
LS 2	Meridian Corridor																						
	2002	LS 2 Odor Control System Replacement	High	2019	2020	2020	WM	Reserve for Replacement	\$ 200,000	\$ -	\$ -	\$ 200,000										Moved project to 2020. May be cancelled.	
	2401	106th Street Parallel Force main (LS 2 to Ditch Road)	Low	2020	2025	2024	WM	Interceptor	\$ -	\$ -	\$ -					\$ 1,700,000						Timing is based on when capacity is needed.	
LS 3	Northern Heights																						
		(no projects)																					
LS 5	Spring Mill Streams																						
	2601	Interceptor extension & lift station elimination	Low	2020	2026	2026	WM	Interceptor										\$ 500,000				Combine this project with the LS19 elimination project.	
LS 6	Waldon Pond																						
	2104	Interceptor extension & lift station elimination	Medium	2020	2028	2022-23	WM	Interceptor	\$ 400,000	\$ -	\$ -			\$ 50,000	\$ 900,000							Timing is development driven.	
LS 7	Laurelwood Sub																						
		Pump replacements	Low	2025	2028	2028	AS	Reserve for Replacement												\$ 30,000			
LS 8	Laurelwood																						
	2101	LS 8 Reconstruction + new force main to 106th St	High	2020	2022	2021-22	WM	Operating	\$ -	\$ -	\$ -		\$ 50,000	\$ 1,550,000								Wet weather capacity needed. Scope is pending force main troubleshooting and I&I removal	
LS 9	Towne Road																						
		Pump & control panel replacement	Low	2029	2032	2029	AS	Reserve for Replacement													\$ 110,000		
LS 10	Michigan Road																						
	2102	LS 10 Replace pumps, wet well piping, controls, backup generator	High	2020	2022	2021-22	WM	Reserve for Replacement	\$ -	\$ -	\$ -		\$ 50,000	\$ 850,000								Wet weather capacity needed. Scope is pending force main troubleshooting	
LS 11	Boone County																						
	1911	Pump and control panel replacement	High	2019	2019	2019	WM	Reserve for Replacement	\$ 100,000	\$ -	\$ 50,000											Added to 2019 budget due to pump failure, age	
LS 12	Kingsmill																						
		(no projects)																					
LS 14	Austin Oaks																						
	1901	Parallel force main extension	High	2018	2020	2018-20	WM	Interceptor	\$ 1,425,000	\$ 24,770	\$ -	\$ 925,000										'19 budget reduced due to late start	
	2202	upgrades	Medium	2019	2022	2022	WM	Reserve for Replacement						\$ 225,000								Replace equipment at the end of its service life.	
	2001	LEC Interceptor extension	Medium	2019	2028	2020	WM	Interceptor	\$ 100,000	\$ -	\$ -	\$ 500,000	\$ 1,000,000									Timing is development driven.	
LS 16	Zionsville Presbyterian																						
	1905	LS 16 Replacement/relocation	Medium	2019	2028	2019-20	WM	Interceptor	\$ 50,000	\$ -	\$ -	\$ 800,000										Timing is development driven.	
LS 17	Zion Hills																						
	2501	LS 17 Pump & electrical upgrades	Low	2022	2025	2025	WM	Reserve for Replacement	\$ -	\$ -	\$ -						\$ 1,500,000					Timing is based on when capacity is needed.	
LS 18	Train Express																						
		Pump replacements	Low	2019	2022	2022	AS	Reserve for Replacement	\$ -	\$ -	\$ -			\$ 30,000								Replace pumps at the end of their service life.	
LS 19	Village of West Clay																						
	2601	Interceptor extension & lift station elimination	Low	2019	2028	2026	WM	Interceptor	\$ -	\$ -	\$ -							\$ 1,500,000				Combine this project with the LS5 elimination project.	
LS 20	Mayflower Park																						
		Pump replacement	Low	2019	2022	2022	AS	Reserve for Replacement	\$ -	\$ -	\$ -			\$ 30,000								Replace pumps at the end of their service life.	
LS 21	High Grove																						
	2301	Interceptor extension & lift station elimination	Low	2019	2028	2023	WM	Interceptor	\$ -	\$ -	\$ -				\$ 900,000							Timing is development driven.	
LS 22	North Augusta																						
		Pump replacement	Low	2020	2023	2022	AS	Reserve for Replacement						\$ 30,000									
LS 23	126th Street																						
	2203	LS 23 Pump & electrical upgrades	Low	2021	2023	2022	WM	Reserve for Replacement	\$ -	\$ -	\$ -			\$ 400,000								Timing is based on when capacity is needed.	
LS 24	Parkwood West																						
		Pump & control panel replacement	Low	2025	2028	2025	AS	Reserve for Replacement	\$ -	\$ -	\$ -						\$ 100,000						
LS 25	Towne Oak Estates																						
		Pump replacement	Low	2029	2032	2029	AS	Reserve for Replacement	\$ -	\$ -	\$ -										\$ 40,000		
LS 26	Jacksons Grant																						
	2103	LS 26 additional pumps, backup generator & parallel force main extension	Medium	2020	2022	2022	WM	Interceptor	\$ -	\$ -	\$ -		\$ 100,000	\$ 1,900,000								Timing is based on when capacity is needed in the Spring Mill Interceptor and at LS 26.	
General collection system projects																							
		Annual Misc. Repairs, Replacements & Line Relocations	Medium			annual	AS	Reserve for Replacement	\$ 150,000	\$ 9,700	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	Repairs are made as problems are found during televising.	
	1908	Brandywine, Crossfields, Larkspur, Oak Tree, North Augusta and Lakewood Gardens Sewer Extension	High	2019	2019	2019	WM	Interceptor	\$ 400,000	\$ 55,788	\$ 340,000											'19 neighborhood sewer project	

2020 Capital Budget

DRAFT CAPITAL BUDGET LAST UPDATED WM 10/23/19
See project fact sheets for more information on individual projects

			Year needed									Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10		
Project			Near-term			Year	Staff	Funding Source	2019 Approved	2019 YTD	Projected												
Location	No.	Project	Priority	Earliest	Latest	Budgeted	Driver		Budget	Spending thru	Spending Sept-												
										August	Dec 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Note/Justification	
		Future Neighborhood Sewer Projects	Medium			annual	WM	Interceptor	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 300,000								Extend service into unsewered neighborhoods	
Equipment																							
		Vehicles	Medium			varies	DW	Operating	\$ -	\$ -	\$ -			\$ 30,000		\$ 30,000		\$ 30,000		\$ 30,000		Scheduled Replacement of Vehicles	
		Laboratory Equipment	Medium			varies	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000		\$ 5,000		\$ 5,000		\$ 5,000		\$ 5,000	Replacement and Upgrades to Lab equipment	
		240, 480 Selectable portable Genset	Low	2019	2023	2021	AS	Reserve for Replacement	\$ -	\$ -	\$ -			\$ 50,000								Existing Generators are from 1985 & 1992	
		Asset Management Software	Medium	2020	2022	2020	SW	Reserve for Replacement				\$ 120,000										Asset Management Software	
		FirstNET Lift Station Radios	High	2020	2020	2020	AS	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 19,000										Replace existing radios with FirstNET radios.	
		UV Module	Medium	2020	2020	2020	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 15,000										A spare UV Module for stock.	
		Plant Radar Level Sensors	Medium	2019	2021	2020	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 12,000										Units will replace the existing pressure transducers.	
		Hand Held Sludge Blanket Sensor	Medium	2019	2020	2020	SW	Operating	\$ -	\$ -	\$ -	\$ 8,000										Two hand held sludge blanket sensors.	
		Office HV01 Replacement	High	2020	2020	2020	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 35,000										Replacement for the DC01, FS01, HiperWeb, UMS servers and the SAN. All are reaching end of life.	
		Plant HV Replacement	High	2020	2020	2020	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 20,000										Replacement for the SCADA, POSM & DC03 servers. All are reaching end of life.	
		UTV/Skid Steer Combo	Medium	2019	2003	2020	SW	Reserve for Replacement	\$ -	\$ -	\$ -	\$ 60,000										This unit will replace both the Skid Steer and UTV; existing skid steer is a 1995 model and the UTV is a 2008. Repair frequency has been increasing on both.	
		Future annual equipment purchases	Medium				DW	Reserve for Replacement	\$ -	\$ -	\$ -		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	Annual capital purchases needed to maintain operations.	
Administration Projects																							
		(no projects)																					
Totals									\$ 6,235,000	\$ 793,270	\$ 710,000	\$ 17,019,000	\$ 10,455,000	\$ 6,295,000	\$ 2,155,000	\$ 2,080,000	\$ 2,105,000	\$ 4,480,000	\$ 355,000	\$ 410,000	\$ 505,000		
Operating									\$ 450,000	\$ 110,917	\$ 135,000	\$ 3,408,000	\$ 1,300,000	\$ 1,730,000	\$ 150,000	\$ 180,000	\$ 150,000	\$ 180,000	\$ 150,000	\$ 180,000	\$ 150,000		
Reserve for Replacement									\$ 450,000	\$ 9,700	\$ 190,000	\$ 1,736,000	\$ 1,355,000	\$ 2,315,000	\$ 205,000	\$ 200,000	\$ 1,955,000	\$ 2,300,000	\$ 205,000	\$ 230,000	\$ 355,000		
Plant Expansion									\$ 2,760,000	\$ 559,095	\$ 5,000	\$ 8,700,000	\$ 6,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Interceptor									\$ 2,575,000	\$ 113,558	\$ 380,000	\$ 3,175,000	\$ 1,400,000	\$ 2,250,000	\$ 1,800,000	\$ 1,700,000	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -		
Total									\$ 6,235,000	\$ 793,270	\$ 710,000	\$ 17,019,000	\$ 10,455,000	\$ 6,295,000	\$ 2,155,000	\$ 2,080,000	\$ 2,105,000	\$ 4,480,000	\$ 355,000	\$ 410,000	\$ 505,000		