



## TriCo Regional Sewer Utility

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### **JOINT CAPITAL & CONSTRUCTION COMMITTEE, BUDGET & FINANCE COMMITTEE AND BOARD OF TRUSTEES MEETING**

Monday, November 6, 2023 at 4:30 P.M.  
7236 Mayflower Park Drive, Zionsville, IN 46077

#### **AGENDA**

1. Public Comment
2. Financial Statements
3. 2024 Capital Budget
4. 2024 Operating Budget
5. WRRF Master Plan, Rate Study, Union Township Service Updates
6. Capital Project Updates
7. Other Business

Next Scheduled C&C Committee Meeting: Monday, December 4 at 4:30 pm

Next Scheduled B&F Committee Meeting: Friday, December 1 at 7:30 am

TriCo Regional Sewer Utility  
 Budget & Finance Committee - Analysis of September 2023  
 October 10, 2023

**Income Statements**

75.00%

Category	Sep-23	Aug-23	Variance (unfavorable)	% to 2023 YTD budget	Explanation- Target 75%
Residential	449,194	430,410	18,783	75.66%	On budget
Commercial	284,784	263,621	21,163	83.82%	Over budget
Other Revenue	29,545	9,578	19,967	103.20%	Over budget
Other Income	59,243	20,668	38,575	335.72%	Over budget
<b>Total Revenue</b>	<b>822,765</b>	<b>724,277</b>	<b>98,488</b>	<b>82.72%</b>	<b>Over budget</b>

Residential sales increased \$7,271 in September 2023 from August and is on budget YTD.  
 Commercial revenue decreased \$8,713 from the prior month. YTD it is above budget projections.  
 Other revenues increased \$16,913 from September 22 to September 23 and is over budget YTD. Other income is also above budget MTD and YTD.

September 2023: Total Sales of \$822,765 was \$98,488 higher than September 2022. It is above budget projections YTD.

**September Spending Analysis**

Wages & benefits in September were \$235,055 and \$19,016 below the monthly budget. YTD spending is 74.73% of the annual budget.  
 Administration spending in September was \$59,262 and \$7,030 below the monthly budget. YTD spending is 74.50% of the annual budget.  
 Treatment costs in September were \$153,861 and \$3,605 below the monthly budget. YTD spending is 79.01% of the annual budget.  
 Collection costs were \$36,458 in September and \$15,375 below the budget for the month. YTD spending is 78.47% of the annual budget.

**Total Operating expenses in September were \$484,636. Monthly spending in September 2023 is \$45,026 below budget. YTD spending is 76.35% of the annual budget.**

Category	Actual	Monthly budget	Variance (unfavorable)	% of Annual Budget	Explanation
Wages	170,560	182,260	11,700	76.27%	Slightly over budget YTD
Other Employee Expenses	1,401	1,333	(68)	105.36%	Over budget YTD
Board Member Fees	3,750	1,583	(2,167)	111.10%	Over budget YTD - per diem increase
Collection Expenses	3,088	416	(2,672)	67.16%	Lien filings
Postage	7,238	6,666	(572)	77.77%	Slightly over budget YTD
Sewer Sampling	8,576	8,300	(276)	81.23%	Slightly over budget YTD
Biosolid Disposal	18,976	14,583	(4,393)	121.46%	Over budget YTD - Merrell
Plant Utilities	35,115	30,000	(5,115)	86.83%	Over budget YTD
Lift Station R & M	11,302	8,333	(2,969)	100.18%	Over budget YTD
Line Maintenance	3,050	2,000	(1,050)	108.79%	Over budget YTD
Equipment Repairs	3,512	2,500	(1,012)	107.83%	Over budget YTD
<b>Total Operating Expenses</b>	<b>484,636</b>	<b>529,663</b>	<b>45,026</b>	<b>76.35%</b>	<b>Under budget MTD, Slightly Over budget YTD</b>

<b>MTD Net Income (loss) net of depreciation</b>	<b>220,962</b>	<b>18,125</b>	<b>202,837</b>	<b>1219.00%</b>	<b>MTD Budget</b>
<b>YTD Net Income (loss) net of depreciation</b>	<b>776,751</b>	<b>313,732</b>	<b>463,019</b>	<b>247.48%</b>	<b>Of YTD Projected Net Income</b>

**Cash Generated**

Cash generated for September shows a net increase in all funds of \$41,389. Capital spending was \$340,679 in September for the Kubota replacement, LS 7, 10, 16, and 26 improvements, actuator replacement, and a flow meter for VLR 1.

Individual fund balances and changes are listed on the Cash Generated Statements included with the monthly financial statements, net of annual transfers

	September	August	+/- from last month	
Operating	\$ 8,470,453	\$ 8,332,686	\$ 137,768	
Interceptor	\$ (292,511)	\$ (122,980)	\$ (169,530)	
Plant Expansion	\$ 2,757,189	\$ 2,670,391	\$ 86,799	
Operating Reserve	\$ 519,252	\$ 519,252	\$ -	
Reserve for Replacement	\$ (718,648)	\$ (697,479)	\$ (21,169)	\$ 33,866
2020 Bond Fund	\$ 1,839,224	\$ 1,831,701	\$ 7,523	
Total	\$ 12,574,960	\$ 12,533,570	\$ 41,389	

Cash balances in the operating, interceptor, plant exp and R4R increased \$33,866 in September. Bond funds increased \$7,723 in September from interest.

**Investments**

The money market rate is 4.88% at Merchants Bank. Total interest in September was \$6,891 from Merchants, \$1,260 from Citizens, and \$7,523 from Huntington. \$8,000,000 is invested in US Treasuries. The breakdown in below:

**Fifth Third Securities**

\$3,070,000 US T Bill - maturity 9/28/23 - interest rate 4.75% - total interest \$70,462

This was not reinvested but was deposited into the Merchants Bank Money Market account.

\$2,500,000 US T Bill - maturity 10/17/23 - interest rate 5.25% - total interest \$38,483

\$2,580,000 US T Bill - maturity 11/30/23 - interest rate 5.35% - total interest \$33,958

Interest rate at Citizens Checking	0.47%
Interest at Citizens MM Account	0.10%
Interest rate on Merchant's accounts	4.88%
Goldman Sachs Financial Square	5.24%
Government Fund(Bond DSR MM)	

**TriCo Regional Sewer Utility****Balance Sheet**

September 2023

	<b>Actual as of 09/30/2023</b>	<b>Actual as of 09/30/2022</b>	<b>% of Prior Year</b>
<b>ASSETS</b>			
Utility Plant	135,797,207.84	135,291,148.22	100.37%
Current Assets			
Cash & Investments			
Cash & Investments - Operating Fund	8,470,453.52	8,398,286.02	100.86%
Cash & Investments - Operating Reserve	519,252.00	519,252.00	100.00%
Cash & Investments - Reserve for Replacement	(718,647.32)	33,841.33	(2,123.58%)
Cash & Investments - Interceptor Fund	(292,510.68)	(19,112.96)	1,530.43%
Cash & Investments - Plant Expansion Fund	2,757,189.15	2,233,553.74	123.44%
Cash & Investments - 2020 Bond Funds	1,839,224.18	1,815,670.93	101.30%
Total Cash & Investments	<u>12,574,960.85</u>	<u>12,981,491.06</u>	<u>96.87%</u>
Accounts Receivable	2,227,269.15	2,205,880.41	100.97%
Liens Receivable	40,652.37	51,837.25	78.42%
Invoiced Receivables	44,429.16	216,941.95	20.48%
Notes & Interest Receivable	17,881.68	19,063.31	93.80%
Investment Interest Receivable	88,347.49	21,248.00	415.79%
Other Current Assets	268,089.44	274,586.20	97.63%
Current Assets	<u>15,261,630.14</u>	<u>15,771,048.18</u>	<u>96.77%</u>
<b>TOTAL ASSETS</b>	<u><u>151,058,837.98</u></u>	<u><u>151,062,196.40</u></u>	<u><u>100.00%</u></u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>			
<b>LIABILITIES</b>			
Current Liabilities			
Invoiced Payables	181,384.55	119,735.80	151.49%
Accounts Payable	456,165.18	418,500.00	109.00%
Accrued Paid Leave	119,914.27	112,417.28	106.67%
Other Current Liabilities	2,200,712.36	2,207,536.39	99.69%
Total Current Liabilities	<u>2,958,176.36</u>	<u>2,858,189.47</u>	<u>103.50%</u>
Long-Term Liabilities			
Bonds Payable	<u>19,700,000.00</u>	<u>20,550,000.00</u>	<u>95.86%</u>
Long-Term Liabilities	<u>19,700,000.00</u>	<u>20,550,000.00</u>	<u>95.86%</u>
<b>TOTAL LIABILITIES</b>	<u><u>22,658,176.36</u></u>	<u><u>23,408,189.47</u></u>	<u><u>96.80%</u></u>
<b>EQUITY</b>			
Retained Earnings	32,579,540.10	31,387,257.00	103.80%
Construction in Aid	95,821,221.64	96,266,519.91	99.54%
<b>TOTAL EQUITY</b>	<u><u>128,400,761.74</u></u>	<u><u>127,653,776.91</u></u>	<u><u>100.59%</u></u>
<b>Total</b>	<u><u>151,058,938.10</u></u>	<u><u>151,061,966.38</u></u>	<u><u>100.00%</u></u>

# TriCo Regional Sewer Utility District Cash & Investments

September 30, 2023

Bank & Purch Date	Account	Amount	Maturity Date	Rate
<b><u>Citizens State Bank</u></b>				
	Checking	\$ 892,490		0.47%
	Money Market	\$ 262,490		0.10%
<b><u>Merchants Bank of Indiana</u></b>				
	Money Market	\$ 3,233,803		4.88%
	Money Market	\$ 1,438,244		4.88%
<b><u>Huntington Bank</u></b>				
	2020 Bonds	\$ -		0.00%
	2020 Bonds MM	\$ -		0.00%
	2020 DSR	\$ 4,995		0.00%
	2020 DSR MM	\$ 1,759,843		5.44%
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<b><u>Fifth Third Securities</u></b>				<b>Yield</b>
		\$ -		
	US Treasury Bill	\$ 2,500,000	Due 10/17/2023	5.25%
	US Treasury Bill	\$ 2,500,000	Due 11/30/2023	5.35%
TOTAL CASH & Investments		\$ 12,591,866		
Less: Cash		\$ (7,591,866)		
NET INVESTMENTS		\$ 5,000,000		

TriCo Regional Sewer Utility									
Income Statement									
September 2023									
		Actual MTD	Budget MTD			Actual	Annual		
		09/30/2023	09/30/2023	Variance	% MTD	YTD	Budget	Variance	% YTD
Sales									
Residential									
4001-1	Sales - Residential	449,193.52	442,041.67	7,151.85	101.62%	4,013,243.19	5,304,500.00	(1,291,256.81)	75.66%
Residential		449,193.52	442,041.67	7,151.85	101.62%	4,013,243.19	5,304,500.00	(1,291,256.81)	75.66%
Commercial									
4003-1	Sales - Commercial	284,783.85	200,000.00	84,783.85	142.39%	2,137,396.56	2,550,000.00	(412,603.44)	83.82%
Commercial		284,783.85	200,000.00	84,783.85	142.39%	2,137,396.56	2,550,000.00	(412,603.44)	83.82%
Other Revenue									
4005-1	Late Charges	9,319.86	6,250.00	3,069.86	149.12%	64,245.33	75,000.00	(10,754.67)	85.66%
4007-1	Applications Fees	6,778.50	2,916.67	3,861.83	232.41%	52,795.50	35,000.00	17,795.50	150.84%
4009-1	Plan Reviews, Inspections, Misc. F	13,446.25	3,333.34	10,112.91	403.39%	37,763.75	40,000.00	(2,236.25)	94.41%
Other Revenue		29,544.61	12,500.01	17,044.60	236.36%	154,804.58	150,000.00	4,804.58	103.20%
Total Sales		763,521.98	654,541.68	108,980.30	116.65%	6,305,444.33	8,004,500.00	(1,699,055.67)	78.77%
Other Income									
4501-1	Interest - Investments	32,713.00	8,333.34	24,379.66	392.56%	225,310.00	100,000.00	125,310.00	225.31%
4503-1	Interest - Banking	15,674.71	2,083.34	13,591.37	752.38%	148,093.87	25,000.00	123,093.87	592.38%
4507-1	Bank Fees	(20.00)	(50.00)	30.00	40.00%	(413.00)	(600.00)	187.00	68.83%
4601-1	Interest - by project	80.15	41.67	38.48	192.34%	726.46	500.00	226.46	145.29%
4801-1	Gain/Loss on Asset Disposal	10,795.00	0.00	10,795.00	0.00%	44,942.75	0.00	44,942.75	0.00%
4901-1	Misc Income/Expense	0.00	0.00	0.00	0.00%	652.75	0.00	652.75	0.00%
Other Income		59,242.86	10,408.35	48,834.51	569.19%	419,312.83	124,900.00	294,412.83	335.72%
Total Revenue		822,764.84	664,950.03	157,814.81	123.73%	6,724,757.16	8,129,400.00	(1,404,642.84)	82.72%
Operating Expenses									
Wages & Benefits									
5001-1	Gross Wages	170,560.34	182,260.17	11,699.83	93.58%	1,668,224.37	2,187,122.00	518,897.63	76.27%
5003-1	Other Employee Exp	1,401.66	1,333.34	(68.32)	105.12%	16,857.61	16,000.00	(857.61)	105.36%
5005-1	Retirement Plan - Hoosier START	17,062.83	18,034.34	971.51	94.61%	164,991.89	216,412.00	51,420.11	76.24%
5007-1	Employee Insurance	33,759.07	38,500.00	4,740.93	87.69%	307,880.82	462,000.00	154,119.18	66.64%
5009-1	Taxes (Employer FICA)	12,270.88	13,942.92	1,672.04	88.01%	120,302.25	167,315.00	47,012.75	71.90%
Wages & Benefits		235,054.78	254,070.77	19,015.99	92.52%	2,278,256.94	3,048,849.00	770,592.06	74.73%
Administration									
5103-1	Professional Education	764.76	2,000.00	1,235.24	38.24%	22,900.96	24,000.00	1,099.04	95.42%
5105-1	Boardmember Fees	3,750.00	1,583.34	(2,166.66)	236.84%	14,200.00	19,000.00	4,800.00	74.74%
5107-1	Board Expense	43.06	291.67	248.61	14.76%	3,888.39	3,500.00	(388.39)	111.10%
5109-1	Consulting	0.00	4,166.67	4,166.67	0.00%	23,742.18	50,000.00	26,257.82	47.48%
5111-1	Computer Expenses/Consultants	13,487.43	15,000.00	1,512.57	89.92%	150,812.89	182,377.00	31,564.11	82.69%
5113-1	Insurance	13,460.53	10,833.34	(2,627.19)	124.25%	118,233.37	130,000.00	11,766.63	90.95%
5115-1	Accounting Fees	0.00	2,166.67	2,166.67	0.00%	7,020.00	26,000.00	18,980.00	27.00%
5117-1	Legal Fees	1,252.50	2,500.00	1,247.50	50.10%	13,328.65	30,000.00	16,671.35	44.43%
5119-1	Engineering Fees	0.00	1,666.67	1,666.67	0.00%	20,000.00	20,000.00	0.00	100.00%
5125-1	Professional Affiliations	0.00	500.00	500.00	0.00%	3,812.04	7,000.00	3,187.96	54.46%
5127-1	Travel & Mileage	704.39	666.67	(37.72)	105.66%	12,226.96	8,000.00	(4,226.96)	152.84%

		Actual MTD	Budget MTD			Actual	Annual		
		09/30/2023	09/30/2023	Variance	% MTD	YTD	Budget	Variance	% YTD
5129-1	Collection	3,088.43	416.67	(2,671.76)	741.22%	3,358.18	5,000.00	1,641.82	67.16%
5131-1	Billing Service Contracts	7,287.26	10,000.00	2,712.74	72.87%	85,277.48	140,000.00	54,722.52	60.91%
5133-1	Bad Debt Expense	307.41	166.67	(140.74)	184.44%	821.46	2,000.00	1,178.54	41.07%
5135-1	Office Expense	1,261.20	1,250.00	(11.20)	100.90%	5,879.38	15,000.00	9,120.62	39.20%
5137-1	Postage Expense	7,238.98	6,666.67	(572.31)	108.58%	62,218.05	80,000.00	17,781.95	77.77%
5139-1	Office Services	6,566.50	4,333.34	(2,233.16)	151.53%	40,896.73	52,000.00	11,103.27	78.65%
5141-1	Customer Outreach & Education	50.00	2,083.34	2,033.34	2.40%	21,480.61	25,000.00	3,519.39	85.92%
Administration		59,262.45	66,291.72	7,029.27	89.40%	610,097.33	818,877.00	208,779.67	74.50%
Treatment									
5201-1	Sewage Treatment - Carmel WWT	81,554.25	82,500.00	945.75	98.85%	743,844.84	990,000.00	246,155.16	75.14%
5203-1	Sewer Sampling & Lab	8,576.14	8,300.00	(276.14)	103.33%	81,228.83	100,000.00	18,771.17	81.23%
5205-1	Biosolids Disposal	18,976.96	14,583.34	(4,393.62)	130.13%	212,558.94	175,000.00	(37,558.94)	121.46%
5207-1	Plant R & M	9,637.91	18,333.34	8,695.43	52.57%	107,393.46	220,000.00	112,606.54	48.82%
5209-1	Utilities - Plant	35,115.77	30,000.00	(5,115.77)	117.05%	347,336.93	400,000.00	52,663.07	86.83%
5211-1	Operating Supplies - Plant	0.00	2,500.00	2,500.00	0.00%	18,654.56	30,000.00	11,345.44	62.18%
5213-1	Safety Materials & Training	0.00	1,250.00	1,250.00	0.00%	13,229.22	15,000.00	1,770.78	88.19%
5215-1	Permits	0.00	0.00	0.00	0.00%	12,843.83	15,500.00	2,656.17	82.86%
Treatment		153,861.03	157,466.68	3,605.65	97.71%	1,537,090.61	1,945,500.00	408,409.39	79.01%
Collection System									
5301-1	Lift Station R & M	11,302.05	8,333.34	(2,968.71)	135.62%	100,178.99	100,000.00	(178.99)	100.18%
5303-1	Line Maintenance	3,050.10	2,000.00	(1,050.10)	152.51%	38,075.06	35,000.00	(3,075.06)	108.79%
5305-1	Line Repair	0.00	4,166.67	4,166.67	0.00%	6,436.18	50,000.00	43,563.82	12.87%
5307-1	Equipment Repair	3,511.99	2,500.00	(1,011.99)	140.48%	32,349.93	30,000.00	(2,349.93)	107.83%
5313-1	Vehicle R & M	(1,197.66)	1,000.00	2,197.66	(119.77%)	24,652.35	20,000.00	(4,652.35)	123.26%
5315-1	Fuel	2,140.95	3,750.00	1,609.05	57.09%	30,188.12	45,000.00	14,811.88	67.08%
5317-1	Utilities - Lift Stations	14,282.93	18,333.34	4,050.41	77.91%	150,969.90	220,000.00	69,030.10	68.62%
5319-1	Operating Supplies - Collection Sy	3,205.69	1,000.00	(2,205.69)	320.57%	6,077.41	15,000.00	8,922.59	40.52%
5321-1	Manhole R&M	0.00	10,000.00	10,000.00	0.00%	58,528.85	55,000.00	(3,528.85)	106.42%
5322-1	Televising	0.00	0.00	0.00	0.00%	8,183.87	10,000.00	1,816.13	81.84%
5323-1	Uniforms & Shop Towels	161.98	750.00	588.02	21.60%	12,430.69	16,500.00	4,069.31	75.34%
Collection System		36,458.03	51,833.35	15,375.32	70.34%	468,071.35	596,500.00	128,428.65	78.47%
Total Operating Expenses		484,636.29	529,662.52	45,026.23	91.50%	4,893,516.23	6,409,726.00	1,516,209.77	76.35%
Interest Expense									
5801-1	Interest Expense	41,183.44	41,183.44	0.00	100.00%	370,650.96	494,201.25	123,550.29	75.00%
Total		41,183.44	41,183.44	0.00	100.00%	370,650.96	494,201.25	123,550.29	75.00%
Total Interest Expense		41,183.44	41,183.44	0.00	100.00%	370,650.96	494,201.25	123,550.29	75.00%
Depreciation									
5901-1	Depreciation	373,712.91	373,708.43	(4.48)	100.00%	3,363,409.13	4,484,501.16	1,121,092.03	75.00%
Depreciation		373,712.91	373,708.43	(4.48)	100.00%	3,363,409.13	4,484,501.16	1,121,092.03	75.00%
Amortization									
5911-1	Amortization of CIAC	(297,730.00)	(297,730.00)	0.00	100.00%	(2,679,570.00)	(3,572,760.00)	(893,190.00)	75.00%
Amortization		(297,730.00)	(297,730.00)	0.00	100.00%	(2,679,570.00)	(3,572,760.00)	(893,190.00)	75.00%
Total Expenses		601,802.64	646,824.39	45,021.75	93.04%	5,948,006.32	7,815,668.41	1,867,662.09	76.10%
<b>NET SURPLUS/(DEFICIT)</b>		<b>220,962.20</b>	<b>18,125.64</b>	<b>202,836.56</b>	<b>1,219.06%</b>	<b>776,750.84</b>	<b>313,731.59</b>	<b>463,019.25</b>	<b>247.58%</b>

TriCo Regional Sewer Utility									
Income Statement									
September 2022 vs September 2023									
		Actual MTD	Actual MTD					Annual	
		09/30/2023	09/30/2022	Variance	2023 YTD	2022 YTD	Variance	Budget	% YTD
Sales									
Residential									
4001-1	Sales - Residential	449,193.52	430,410.17	18,783.35	4,013,243.19	3,874,939.75	138,303.44	5,304,500.00	75.66%
Residential		449,193.52	430,410.17	18,783.35	4,013,243.19	3,874,939.75	138,303.44	5,304,500.00	75.66%
Commercial									
4003-1	Sales - Commercial	284,783.85	263,620.70	21,163.15	2,137,396.56	1,906,780.51	230,616.05	2,550,000.00	83.82%
Commercial		284,783.85	263,620.70	21,163.15	2,137,396.56	1,906,780.51	230,616.05	2,550,000.00	83.82%
Other Revenue									
4005-1	Late Charges	9,319.86	4,590.32	4,729.54	64,245.33	57,215.80	7,029.53	75,000.00	85.66%
4007-1	Applications Fees	6,778.50	2,550.00	4,228.50	52,795.50	25,368.00	27,427.50	35,000.00	150.84%
4009-1	Plan Reviews, Inspections, M	13,446.25	2,437.50	11,008.75	37,763.75	62,918.00	(25,154.25)	40,000.00	94.41%
Other Revenue		29,544.61	9,577.82	19,966.79	154,804.58	145,501.80	9,302.78	150,000.00	103.20%
Total Sales		763,521.98	703,608.69	59,913.29	6,305,444.33	5,927,222.06	378,222.27	8,004,500.00	78.77%
Other Income									
4501-1	Interest - Investments	32,713.00	13,028.00	19,685.00	225,310.00	21,248.00	204,062.00	100,000.00	225.31%
4503-1	Interest - Banking	15,674.71	7,614.99	8,059.72	148,093.87	86,006.84	62,087.03	25,000.00	592.38%
4507-1	Bank Fees	(20.00)	(65.00)	45.00	(413.00)	(873.00)	460.00	(600.00)	68.83%
4601-1	Interest - by project	80.15	89.94	(9.79)	726.46	787.32	(60.86)	500.00	145.29%
4801-1	Gain/Loss on Asset Disposal	10,795.00	0.00	10,795.00	44,942.75	1,602.00	43,340.75	0.00	0.00%
4901-1	Misc Income/Expense	0.00	0.00	0.00	652.75	0.00	652.75	0.00	0.00%
Other Income		59,242.86	20,667.93	38,574.93	419,312.83	108,771.16	310,541.67	124,900.00	335.72%
Total Revenue		822,764.84	724,276.62	98,488.22	6,724,757.16	6,035,993.22	688,763.94	8,129,400.00	82.72%
Operating Expenses									
Wages & Benefits									
5001-1	Gross Wages	170,560.34	167,219.16	(3,341.18)	1,668,224.37	1,439,900.85	(228,323.52)	2,187,122.00	76.27%
5003-1	Other Employee Exp	1,401.66	2,657.91	1,256.25	16,857.61	13,970.30	(2,887.31)	16,000.00	105.36%
5005-1	Retirement Plan - Hoosier ST	17,062.83	16,785.31	(277.52)	164,991.89	138,999.39	(25,992.50)	216,412.00	76.24%
5007-1	Employee Insurance	33,759.07	31,828.72	(1,930.35)	307,880.82	288,531.41	(19,349.41)	462,000.00	66.64%
5009-1	Taxes (Employer FICA)	12,270.88	12,057.46	(213.42)	120,302.25	102,924.53	(17,377.72)	167,315.00	71.90%
Wages & Benefits		235,054.78	230,548.56	(4,506.22)	2,278,256.94	1,984,326.48	(293,930.46)	3,048,849.00	74.73%
Administration									
5103-1	Professional Education	764.76	765.00	0.24	22,900.96	21,915.13	(985.83)	24,000.00	95.42%
5105-1	Boardmember Fees	3,750.00	1,100.00	(2,650.00)	14,200.00	9,300.00	(4,900.00)	19,000.00	74.74%
5107-1	Board Expense	43.06	50.60	7.54	3,888.39	3,204.62	(683.77)	3,500.00	111.10%
5109-1	Consulting	0.00	0.00	0.00	23,742.18	17,906.25	(5,835.93)	50,000.00	47.48%
5111-1	Computer Expenses/Consult	13,487.43	17,891.65	4,404.22	150,812.89	152,281.97	1,469.08	182,377.00	82.69%
5113-1	Insurance	13,460.53	9,991.33	(3,469.20)	118,233.37	87,071.72	(31,161.65)	130,000.00	90.95%
5115-1	Accounting Fees	0.00	0.00	0.00	7,020.00	4,776.54	(2,243.46)	26,000.00	27.00%
5117-1	Legal Fees	1,252.50	797.50	(455.00)	13,328.65	17,643.85	4,315.20	30,000.00	44.43%
5119-1	Engineering Fees	0.00	0.00	0.00	20,000.00	5,634.91	(14,365.09)	20,000.00	100.00%
5125-1	Professional Affiliations	0.00	619.00	619.00	3,812.04	2,469.46	(1,342.58)	7,000.00	54.46%
5127-1	Travel & Mileage	704.39	416.51	(287.88)	12,226.96	7,183.51	(5,043.45)	8,000.00	152.84%



		Actual MTD 09/30/2023	Actual MTD 09/30/2022	Variance	2023 YTD	2022 YTD	Variance	Annual Budget	% YTD
5129-1	Collection	3,088.43	1,985.00	(1,103.43)	3,358.18	(2,858.65)	(6,216.83)	5,000.00	67.16%
5131-1	Billing Service Contracts	7,287.26	11,899.36	4,612.10	85,277.48	104,861.21	19,583.73	140,000.00	60.91%
5133-1	Bad Debt Expense	307.41	28.06	(279.35)	821.46	1,546.97	725.51	2,000.00	41.07%
5135-1	Office Expense	1,261.20	522.91	(738.29)	5,879.38	9,423.86	3,544.48	15,000.00	39.20%
5137-1	Postage Expense	7,238.98	14,274.50	7,035.52	62,218.05	58,969.12	(3,248.93)	80,000.00	77.77%
5139-1	Office Services	6,566.50	2,311.35	(4,255.15)	40,896.73	18,694.85	(22,201.88)	52,000.00	78.65%
5141-1	Customer Outreach & Educa	50.00	2,242.13	2,192.13	21,480.61	15,117.83	(6,362.78)	25,000.00	85.92%
	Administration	59,262.45	64,894.90	5,632.45	610,097.33	535,143.15	(74,954.18)	818,877.00	74.50%
	Treatment								
5201-1	Sewage Treatment - Carmel	81,554.25	81,554.25	0.00	743,844.84	827,529.76	83,684.92	990,000.00	75.14%
5203-1	Sewer Sampling & Lab	8,576.14	5,619.59	(2,956.55)	81,228.83	65,247.71	(15,981.12)	100,000.00	81.23%
5205-1	Biosolids Disposal	18,976.96	17,480.42	(1,496.54)	212,558.94	131,003.02	(81,555.92)	175,000.00	121.46%
5207-1	Plant R & M	9,637.91	10,205.35	567.44	107,393.46	168,009.08	60,615.62	220,000.00	48.82%
5209-1	Utilities - Plant	35,115.77	38,474.83	3,359.06	347,336.93	318,980.63	(28,356.30)	400,000.00	86.83%
5211-1	Operating Supplies - Plant	0.00	5,136.04	5,136.04	18,654.56	40,345.20	21,690.64	30,000.00	62.18%
5213-1	Safety Materials & Training	0.00	0.00	0.00	13,229.22	7,373.27	(5,855.95)	15,000.00	88.19%
5215-1	Permits	0.00	0.00	0.00	12,843.83	10,565.07	(2,278.76)	15,500.00	82.86%
	Treatment	153,861.03	158,470.48	4,609.45	1,537,090.61	1,569,053.74	31,963.13	1,945,500.00	79.01%
	Collection System								
5301-1	Lift Station R & M	11,302.05	25,595.67	14,293.62	100,178.99	75,504.36	(24,674.63)	100,000.00	100.18%
5303-1	Line Maintenance	3,050.10	4,332.18	1,282.08	38,075.06	16,039.56	(22,035.50)	35,000.00	108.79%
5305-1	Line Repair	0.00	0.00	0.00	6,436.18	16,322.00	9,885.82	50,000.00	12.87%
5307-1	Equipment Repair	3,511.99	1,710.51	(1,801.48)	32,349.93	34,671.01	2,321.08	30,000.00	107.83%
5313-1	Vehicle R & M	(1,197.66)	455.56	1,653.22	24,652.35	14,049.37	(10,602.98)	20,000.00	123.26%
5315-1	Fuel	2,140.95	2,555.33	414.38	30,188.12	29,334.45	(853.67)	45,000.00	67.08%
5317-1	Utilities - Lift Stations	14,282.93	17,273.24	2,990.31	150,969.90	160,649.05	9,679.15	220,000.00	68.62%
5319-1	Operating Supplies - Collecti	3,205.69	528.87	(2,676.82)	6,077.41	6,896.83	819.42	15,000.00	40.52%
5321-1	Manhole R&M	0.00	0.00	0.00	58,528.85	22,139.01	(36,389.84)	55,000.00	106.42%
5322-1	Televising	0.00	0.00	0.00	8,183.87	13,766.57	5,582.70	10,000.00	81.84%
5323-1	Uniforms & Shop Towels	161.98	5,096.15	4,934.17	12,430.69	11,533.72	(896.97)	16,500.00	75.34%
	Collection System	36,458.03	57,547.51	21,089.48	468,071.35	400,905.93	(67,165.42)	596,500.00	78.47%
	Total Operating Expenses	484,636.29	511,461.45	26,825.16	4,893,516.23	4,489,429.30	(404,086.93)	6,409,726.00	76.35%
	Interest Expense								
5801-1	Interest Expense	41,183.44	42,904.69	1,721.25	370,650.96	386,142.21	15,491.25	494,201.25	75.00%
	Total	41,183.44	42,904.69	1,721.25	370,650.96	386,142.21	15,491.25	494,201.25	75.00%
	Total Interest Expense	41,183.44	42,904.69	1,721.25	370,650.96	386,142.21	15,491.25	494,201.25	75.00%
	Depreciation								
5901-1	Depreciation	373,712.91	373,369.96	(342.95)	3,363,409.13	3,360,323.35	(3,085.78)	4,484,501.16	75.00%
	Depreciation	373,712.91	373,369.96	(342.95)	3,363,409.13	3,360,323.35	(3,085.78)	4,484,501.16	75.00%
	Amortization								
5911-1	Amortization of CIAC	(297,730.00)	(273,993.00)	23,737.00	(2,679,570.00)	(2,465,937.00)	213,633.00	(3,572,760.00)	75.00%
	Amortization	(297,730.00)	(273,993.00)	23,737.00	(2,679,570.00)	(2,465,937.00)	213,633.00	(3,572,760.00)	75.00%
	Total Expenses	601,802.64	653,743.10	51,940.46	5,948,006.32	5,769,957.86	(178,048.46)	7,815,668.41	76.10%
	<b>NET SURPLUS/(DEFICIT)</b>	<b>220,962.20</b>	<b>70,533.52</b>	<b>150,428.68</b>	<b>776,750.84</b>	<b>266,035.36</b>	<b>510,715.48</b>	<b>313,731.59</b>	<b>247.58%</b>

# 2023 Capital Budget

CAPITAL BUDGET LAST UPDATED 10/11/23

See project fact sheets for more information on individual projects

Year 1

Project							
Location	No.	Project	Funding Source	2023	Sept	YTD	Note
		SCADA Switch Upgrades	Reserve for Replacement				Replace existing switches with gigabit switches
	2359	Low Pressure Valve Maintenance Project	Operating	\$ 20,000		\$ -	
	2360	Plow Replacement V42	Reserve for Replacement	\$ 10,000		\$ 9,540	
	2361	Easement Clearing	Operating	\$ 35,000		\$ -	
	2362	CCTV Truck Replacement	Reserve for Replacement	\$ 65,000		\$ 54,887	New Camera/Tractor/Winch, Push Full Replacement 2027
		Aquatech Replacement	Reserve for Replacement				Replace 2011 Freightliner Sewer Cleaning Truck
		Pump Truck Replacement	Reserve for Replacement				Replace 2008 F550 Super Duty Crane service truck
		LS Safety Net Replacement	Reserve for Replacement				Safety issue, nets are showing wear, installed 2012
	2363	Security/Process Cameras	Operating	\$ 10,000		\$ 9,755	Additional security/process cameras
	2364	Drying Bed Rehab	Reserve for Replacement	\$ 15,000		\$ -	Replace runners that are dewed into the walls.
		Chemical Line Replacement	Reserve for Replacement				Replace the overhead run with underground piping.
		Oil/Water Separator Rehab	Reserve for Replacement				Repair the existing oil/water separator.
		Onsite Backup Device Replacement	Reserve for Replacement				A more ubiquitous solution that will be about \$4k/year less.
		Redundant Switch Power Supplies	Reserve for Replacement				Redundant power to keep all the office switches running in the event any of the 4 switches power supplies fail.
		New Garage Door Openers	Reserve for Replacement				Replacement garage doors to replace the 20+ year old doors.
		Asset Management Software	Reserve for Replacement				Best in Class asset management software
		SL Rat	Operating				
	2365	Actuator Replacement PTB&WAS4&5	Reserve for Replacement	\$ 40,000	\$ 6,500	\$ 36,054	
	2366	Flow Meter Replacement	Reserve for Replacement	\$ 55,000		\$ 53,090	
	2367	Kubota Replacement	Reserve for Replacement	\$ 20,000	\$ 23,534	\$ 23,534	
	2368	Office Irrigation	Operating	\$ 20,000		\$ 18,895	
	2369	Office Humidors	Operating	\$ 13,000		\$ 15,990	
	2370	Chemical Buidling Garage Door	Reserve for Replacement	\$ 10,000		\$ 9,613	
	2371	HACH Equipment Replacment	Reserve for Replacement	\$ 70,000		\$ 69,802	
	2372	Post Aeration Electrical Upgrades	Operating	\$ 15,000		\$ 7,434	
		2022 Generators - on order	Reserve for Replacement			\$ 129,308	
<b>Administration Projects</b>							
		Speed Humps on Mayflower Park Drive	Operating				
<b>Totals</b>				<b>\$ 6,814,000</b>	<b>\$ 340,679</b>	<b>\$ 3,749,436</b>	
<b>Bond Proceeds</b>				\$ -	\$ -	\$ 56,640	
<b>Operating</b>				\$ 2,903,000	\$ 99,006	\$ 1,720,046	
<b>Reserve for Replacement</b>				\$ 1,095,000	\$ 42,711	\$ 751,389	
<b>Plant Expansion</b>				\$ -	\$ -	\$ -	
<b>Interceptor</b>				\$ 2,816,000	\$ 198,963	\$ 1,221,362	
<b>Total</b>				<b>\$ 6,814,000</b>	<b>\$ 340,679</b>	<b>\$ 3,749,436</b>	

**TriCo Regional Sewer Utility**  
**Cash Generated**  
September 2023

	<b>Operating</b>	<b>Interceptor</b>	<b>Plant Expansion</b>	<b>Operating Reserve</b>	<b>Reserve for Replacement</b>	<b>2020 Bond Funds</b>	<b>2020 Bonds DSR</b>	<b>TOTAL</b>
Beginning Balance	8,332,692	(122,980)	2,670,391	519,252	(697,479)	74,387	1,757,315	12,533,577
Receipts:								
Deposits	743,260	35,738	86,799					865,796
Interest	168,854						7,523	176,377
Transfers	0							0
Total Receipts	912,114	35,738	86,799	0	0	0	7,523	1,042,173
Disbursements:								
Checks	492,544				21,168			513,712
Carmel Utilities	84,124							84,124
Plant Outflow 1701/1906								-
Biosolid Bldg Proj 2203								-
LS 1 Generator - 2204								-
LS 14 Forcemain Extension 1901								-
LS 11 Pump Replacement -1911								-
LS 14 Control Panel 2205								-
Proj 2202, 2204, 2206	35,390							35,390
LS Wet Well - 2201								-
Neighborhood sewers								-
96th Keystone Relocate - 1702								-
Plant Expansion - 1902								-
LS 14 Interceptor - 2101								-
Proj 2207, 2208		205,268						
LS 8 Reconstruction 2202	162,295							162,295
Transfers								0
Total Disbursements	774,353	205,268	0	0	21,168	0	0	1,000,789
Net Increase/(Decrease)	137,761	-169,530	86,799	0	-21,168	0	7,523	41,384
Petty Cash								
Ending Balance	8,470,453	(292,511)	2,757,189	519,252	(718,647)	74,387	1,764,838	12,574,961

TriCo Regional Sewer Utility

Cash Generated

YTD August 2023

	Operating	Interceptor	Plant Expansion	Operating Reserve	Reserve for Replacement	2020 Bond Funds	2020 Bonds DSR	TOTAL
Beginning Balance	8,299,848	130,552	2,141,155	519,252	2,927	127,427	1,702,615	12,923,776
Receipts:								
Deposits	6,437,831	595,844	1,299,046	-	-	-	-	8,332,722
Interest	246,574	-	-	-	-	-	62,222	308,796
Transfers	-	-	-	-	-	-	-	-
Total Receipts	6,684,405	595,844	1,299,046	0	0	0	62,222	8,641,518
Disbursements:								
Checks	4,564,399	0	678,648	0	447,789	153	0	5,690,988
Carmel Utilities	671,047	0	4,365	0	0	0	0	675,411
Plant Outflow 1701/1906	0	0	0	0	0	0	0	0
Biosolid Bldg Proj 2203	0	0	0	0	0	0	0	0
LS 1 Generator - 2204	27,835	0	0	0	0	0	0	27,835
LS 14 Forcemain Extension 1901	0	0	0	0	0	0	0	0
LS 11 Pump Replacement -1911	0	0	0	0	0	0	0	0
LS 14 Control Panel 2205	0	0	0	0	139,100	0	0	139,100
Proj 2202, 2204, 2206	713,710	0	0	0	0	0	0	713,710
LS Wet Well - 2201	0	0	0	0	134,685	0	0	134,685
Neighborhood sewers	0	2,462	0	0	0	0	0	2,462
96th Keystone Relocate - 1702	0	0	0	0	0	0	0	0
Plant Expansion - 1902	3,753	0	0	0	0	52,887	0	56,640
LS 14 Interceptor - 2101	0	0	0	0	0	0	0	0
Proj 2207, 2208	0	1,016,444	0	0	0	0	0	0
LS 8 Reconstruction 2202	533,057	0	0	0	0	0	0	533,057
Transfers	0	0	0	0	0	0	0	0
Total Disbursements	6,513,800	1,018,906	683,012	0	721,574	53,040	0	7,973,889
Net Increase/(Decrease)	170,605	(423,063)	616,034	0	(721,574)	(53,040)	62,222	(348,816)
Petty Cash								
Ending Balance	8,470,453	(292,511)	2,757,189	519,252	(718,647)	74,387	1,764,838	12,574,961

# 2023 Capital Budget

CAPITAL BUDGET LAST UPDATED 10/11/23

See project fact sheets for more information on individual projects

Year 1

Location	Project No.	Project	Funding Source	2023	Sept	YTD	Note
<b>WRRF</b>	<b>Michigan Road Water Resource Recovery Facility</b>						
	<b>1902</b>	WRRF Expansion	Bond Proceeds			\$ 56,640	
	<b>2203</b>	Biosolids building addition	Operating	\$ 400,000		\$ -	Climate controlled storage vector truck & equip
	<b>2349</b>	Pretreat building/Mayflower landscape	Operating	\$ 60,000		\$ -	Screen building along Mayflower Pk Dr w trees & shrubs
	<b>2350</b>	Plant signage, Office outreach displays & accoustic improvements	Operating	\$ 40,000		\$ -	
	<b>2601</b>	WRRF Belt filter press replacement	Reserve for Replacement				
		Plant Pump Replacments	Reserve for Replacement			\$ 38,321	Replacement pumps for the digesters, lift station, scum station 47, RASP 55-01+WASP55-02.
		Clarifier 4 scum collection upgrade	Reserve for Replacement				Convert to a full radius scum beach
		Replace Clarifier 4,5,6 unitube headers	Reserve for Replacement				Replace equipment due to deterioration
		24" Flow Meter VLR1	Reserve for Replacement		\$ 8,567	\$ 8,567	24" Flow Meter VLR1
	<b>2351</b>	Annual Plant Improvement & Repair Projects	Operating	\$ 150,000		\$ -	Typical annual expenditures
<b>LS 1</b>	<b>Carmel Creek</b>						
	<b>2201</b>	LS 1 Replace wet weather pumps	Reserve for Replacement	\$ 140,000		\$ 134,685	Replace equipment at the end of its service life.
		LS 1 Replace/upsize dry weather pumps	Reserve for Replacement				Replace equipment at the end of its service life.
	<b>2352</b>	LS1 ARV Replacement Project	Reserve for Replacement	\$ 80,000		\$ -	Replace 3 non-functional ARV's
	<b>2353</b>	Surge Relief Valves LS1 & LS 2	Reserve for Replacement	\$ 55,000		\$ -	Units Obsolete, water hammer could cause FM break
<b>LS 2</b>	<b>Meridian Corridor</b>						
	<b>2801</b>	106th Street Parallel Force main (LS 2 to Ditch Road)	Interceptor				Timing is based on when capacity is needed.
		LS 2 Replace Pump 3	Reserve for Replacement			\$ 14,086	Replace equipment near the end of its service life, eliminate macerators and reduce power consumption.
<b>LS 3</b>	<b>Northern Heights</b>						
		Pump Replacement	Reserve for Replacement				Replace equipment at the end of its service life.
<b>LS 5</b>	<b>Spring Mill Streams</b>						
	<b>2701</b>	Interceptor extension & lift station elimination	Interceptor				Combine this project with the LS19 elimination project.
<b>LS 6</b>	<b>Waldon Pond</b>						
	<b>2401</b>	Interceptor extension & lift station elimination	Interceptor	\$ 50,000		\$ -	Timing is development driven. Some 99th St residents have requested sewer service recently.
<b>LS 7</b>	<b>Laurelwood Sub</b>						
		Pump replacements	Reserve for Replacement				Replace equipment at the end of its service life.
<b>LS 8</b>	<b>Laurelwood</b>						
	<b>2202</b>	LS 8 Reconstruction	Operating	\$ 1,900,000	\$ 61,046	\$ 1,455,105	Wet weather capacity and redundancy needed
<b>LS 9</b>	<b>Towne Road</b>						
		Pump & control panel replacement	Reserve for Replacement				
<b>LS 10</b>	<b>Michigan Road</b>						
	<b>2301</b>	LS 10 Replace pumps, wet well piping, controls, backup generator	Reserve for Replacement	\$ 100,000	\$ 4,110	\$ 24,660	Wet weather capacity needed. Scope is pending force main troubleshooting
<b>LS 11</b>	<b>Boone County</b>						
		LS 11 Added Meter Vault	Reserve for Replacement				Existing meter location is not effective
	<b>2204</b>	Backup generator	Operating	\$ 50,000		\$ 62,086	Location has occasional outages with little storage and time for emergency response
<b>LS 12</b>	<b>Kingsmill</b>						
		(no projects)					

# 2023 Capital Budget

CAPITAL BUDGET LAST UPDATED 10/11/23

See project fact sheets for more information on individual projects

Year 1

Project		Funding Source	2023	Sept	YTD	Note	
Location	No. Project						
<b>LS 14 Austin Oaks</b>							
	2205	LS 14 Generator & control upgrades	Reserve for Replacement	\$ 200,000		\$ 139,100	Replace equipment at the end of its service life.
		Pump Replacement	Reserve for Replacement				Based on repair history staff does not expect pumps to last expected 20 years in service
	2502	LEC Interceptor extension	Interceptor				Extend service to multiple developments
<b>LS 16 Zionsville Presbyterian</b>							
	2208	LS 16 Replacement/relocation	Interceptor	\$ 1,100,000	\$ 198,785	\$ 933,767	Timing is development driven.
<b>LS 17 Zion Hills</b>							
		LS 17 Upsize Impellers	Interceptor				Additional capacity needed
	2501	LS 17 Pump & electrical upgrades	Reserve for Replacement				Timing is based on when capacity is needed.
<b>LS 18 Train Express</b>							
		Pump replacements	Reserve for Replacement				Replace pumps at the end of their service life.
<b>LS 19 Village of West Clay</b>							
	2701	Interceptor extension & lift station elimination	Interceptor				Combine this project with the LS5 elimination project.
<b>LS 20 Mayflower Park</b>							
		Pump replacement	Reserve for Replacement				Replace equipment at the end of its service life.
<b>LS 21 High Grove</b>							
	2354	Pump replacement	Reserve for Replacement	\$ 30,000		\$ -	Replace equipment at the end of its service life.
	2901	Interceptor extension & lift station elimination	Interceptor				Timing is development driven - unlikely to move forward soon due to recent property acquisition.
<b>LS 22 North Augusta</b>							
		(no projects)					
<b>LS 23 126th Street</b>							
	2302	LS 23 Pump & electrical upgrades	Reserve for Replacement	\$ 50,000		\$ -	Additional capacity needed
<b>LS 24 Parkwood West</b>							
		Pump & control panel replacement	Reserve for Replacement				Replace equipment at the end of its service life.
<b>LS 25 Towne Oak Estates</b>							
		Pump replacement	Reserve for Replacement				Replace equipment at the end of its service life.
<b>LS 26 Jacksons Grant</b>							
	2206	LS 26 Backup Generator	Operating	\$ 150,000	\$ 37,960	\$ 103,197	
	2207	LS 26 Parallel Force Main	Interceptor	\$ 1,600,000	\$ 178	\$ 285,134	Additional capacity needed
	2702	LS 26 Additional pumps & controls	Interceptor				Install added pumps when LS 5/19 are tied in
<b>LS 27 Haver Way</b>							
		(no projects)					
<b>General collection system projects</b>							
	2355	Annual Misc. Repairs, Replacements & Line Relocations	Reserve for Replacement	\$ 150,000		\$ -	Repairs are made as problems are found during televising.
	2103	Long Brook, Bridlewood, 500S, US421, 136th St and Countrywood Sewer Extension	Interceptor				Board approved several added ELSE projects to original scope of work
	2356	Future Sewer Extension Projects	Interceptor	\$ 50,000		\$ 2,462	Extend service into unsewered areas
	2373	Add manhole for parcel service	Interceptor	\$ 16,000		\$ -	Add manhole for service to 2 parcels
<b>Equipment</b>							
	2357	Vehicles	Operating	\$ 40,000		\$ 47,583	Scheduled Replacement of Aging Vehicles
	2358	Laboratory Equipment	Reserve for Replacement	\$ 5,000		\$ 6,142	Replacement and Upgrades to Lab equipment
		Future annual equipment and software purchases	Reserve for Replacement	\$ -			Annual capital purchases needed to maintain operations.
		(2) 240/480 Selectable portable Gensets	Reserve for Replacement				Existing Generators are from 1985 & 1992



## MEMORANDUM

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**To:** Capital and Construction &  
Budget and Finance Committees

**From:** Wes Merkle

**Date:** November 2, 2023

**Subject:** 2024 Capital Budget

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The proposed 2024 Capital Budget is attached. The following revisions were made to the draft budget presented at the October 2 C&C Committee meeting:

- Easement clearing added \$13,000 in 2024
- Lab equipment added \$5,000 in 2024
- LS 18 line wet well increased \$1,500 in 2024
- Aquatech replacement increased \$300,000 in 2025

In 2023, staff completed or expects to complete the following projects:

- #2201 Lift Station 1 wet weather pump replacements (Keystone/99th Street)
- #2202 Lift Station 8 Reconstruction (Laurelwood)
- #2204 Lift Station 11 Added Generator (106th/Bennett Parkway)
- #2205 Lift Station 14 Generator and Controls Replacement (Austin Oaks)
- #2206 Lift Station 26 Added Generator (Jackson's Grant)
- #2207 Lift Station 26 Parallel Force Main (Jackson's Grant)
- #2208 Lift Station 16 Replacement/Relocation (Michigan Road/Sycamore)
- Lift Station 21 Pump and Discharge Piping Replacement (High Grove)

The following project will be designed and bid in 2023, with construction or installation to be completed in 2024:

- #2301 Lift Station 10 Upgrades (Ashbrook)

The following projects may begin or continue in 2024, pending capacity needs and private development.

- Lift Station 23 Upgrades (126th Street near West Clay Elementary)
- Little Eagle Interceptor Extension
- Lift Station 6 (Walden Pond) Elimination and 99th Street Interceptor Extension

The pump truck will be replaced in 2024.

Changes from 2023 include updated project costs based on changes in scope, inflation, or both. Some projects were pushed back one or more years. Multiple equipment replacement projects were added at the plant and collection system where equipment will reach the end of its service life. Upgrade projects at Lift Station 14 (Austin Oaks) as well as the Little Eagle Interceptor were added to accommodate anticipated capacity for Union Township service.

The 2023 Capital Budget included \$22.5 million in spending from 2023 through 2028. The draft 2024 Capital Budget includes \$23.0 million for that same period, including actual spending in 2023. Actual spending for 2023 will be \$0.9 million under budget.

Recommended Action: Recommend the Board approve the 2024 Capital Budget.





# 2024 Capital Budget - DRAFT

CAPITAL BUDGET LAST UPDATED 11/1/2023

See project fact sheets for more information on individual projects

Location	Project No.	Project	Near-term Priority	Year needed Earliest	Year needed Latest	Year Budgeted	Manager In Charge	Funding Source	2023 Budget	2023 Spending Thru Aug	2023 Total Projected Spending	2023 projected spending Sept-Dec	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Note	Change from 2023 Approved Capital Budget to 2024 Capital Budget				
													2024	2025	2026	2027	2028	2029	2030	2031	2032	2033						
LS 24	Parkwood West																											
		Pump & control panel replacement	Low	2025	2028	2025	WM	Reserve for Replacement	\$ -	\$ -	\$ -	\$ -		\$ 110,000										Replace equipment at the end of its service life.	Cost adjusted			
LS 25	Towne Oak Estates																											
		Pump & control panel replacement	Low	2029	2031	2030	WM	Reserve for Replacement	\$ -	\$ -	\$ -	\$ -							\$ 140,000					Replace equipment at the end of its service life.	Updated project scope			
LS 26	Jacksons Grant																											
	2206	LS 26 Backup Generator	Medium	2022	2025	2022-23	WM	Operating	\$ 150,000	\$ 65,237	\$ 110,237	\$ 45,000																
	2207	LS 26 Parallel Force Main	High	2022	2023	2022-23	WM	Interceptor	\$ 1,600,000	\$ 284,956	\$ 1,484,956	\$ 1,200,000												Additional capacity needed				
	2702	LS 26 Additional pumps & controls	High	2022	2028	2027	WM	Interceptor	\$ -	\$ -	\$ -	\$ -		\$ 300,000										Install added pumps when LS 5/19 are tied in				
LS 27	Haver Way																											
		(no projects)							\$ -	\$ -	\$ -	\$ -																
<b>General collection system projects</b>																												
	2355	Annual Misc. Repairs, Replacements & Line Relocations	Medium			annual	AS	Reserve for Replacement	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 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.				
	2356	Future Sewer Extension Projects	Medium			annual	WM	Interceptor	\$ 50,000	\$ 14,462	\$ 14,462	\$ -	\$ 50,000	\$ 50,000	\$ 50,000									Extend service into unsewered areas				
<b>Equipment</b>																												
	2357	Vehicles	Medium			varies	DW	Operating	\$ 40,000	\$ 47,583	\$ 47,583	\$ -	\$ 45,000	\$ 45,000	\$ 45,000	\$ 40,000	\$ 50,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 60,000	Scheduled Replacement of Aging Vehicles (#45 in '24, #35 in '25, #25 in '26, #95 in '27)	Cost adjusted			
	2358	Laboratory Equipment	Medium			varies	SW	Reserve for Replacement	\$ 5,000	\$ 6,142	\$ 6,142	\$ -	\$ 5,000	\$ 5,000	\$ 5,000		\$ 5,000		\$ 5,000		\$ 5,000		\$ 5,000	Replacement and Upgrades to Lab equipment				
		Future annual equipment and software purchases	Medium					Reserve for Replacement	\$ -	\$ -	\$ -	\$ -		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	Annual capital purchases needed to maintain operations.				
	2359	Low Pressure Valve Maintenance Project	High	2023	2025	2023	AS	Operating	\$ 20,000	\$ 3,200	\$ 3,200	\$ -																
	2360	Plow Replacement V42	Medium	2023	2024	2023	AS	Reserve for Replacement	\$ 10,000	\$ 9,540	\$ 9,540	\$ -																
	2361	Easement Clearing	High	2023	2024	2023	AS	Operating	\$ 35,000	\$ 8,925	\$ 8,925	\$ -																
	2362	CCTV Truck Replacement	High	2022	2024	2023/27	AS	Reserve for Replacement	\$ 65,000	\$ 54,887	\$ 54,887	\$ -				\$ 340,000								New Camera/Tractor/Winch in '23, Full equipment replacement in '27				
		Aquatech Replacement	Low	2026	2028	2025	AS	Reserve for Replacement	\$ -	\$ -	\$ -	\$ -		\$ 650,000										Replace 2011 Freightliner Sewer Cleaning Truck				
		Pump Truck Replacement	Medium	2024	2025	2024	AS	Reserve for Replacement	\$ -	\$ -	\$ -	\$ -	\$ 220,000											Replace 2008 F550 Super Duty Crane service truck				
	2363	Security/Process Cameras	Medium	2022	2025	2023	SW	Operating	\$ 10,000	\$ 9,755	\$ 9,755	\$ -	\$ 15,000											Additional security/process cameras				
	2364	Drying Bed Rehab	Medium	2022	2025	2023	SW	Reserve for Replacement	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000											Replace runners that are dewed into the walls.				
	2365	Actuator Replacement PTB&WAS4&5	High	2023	2023	2023	SW	Reserve for Replacement	\$ 40,000	\$ 29,554	\$ 36,054	\$ 6,500																
	2366	Flow Meter Replacement	Medium	2023	2023	2023	SW	Reserve for Replacement	\$ 55,000	\$ 53,090	\$ 53,090	\$ -																
	2367	Kubota Replacement	Medium	2023	2024	2023	SW	Reserve for Replacement	\$ 20,000	\$ -	\$ 23,534	\$ 23,534												Over due to not trading in the old unit, sold it on auction.				
	2368	Office Irrigation	Medium	2023	2024	2023	SW	Operating	\$ 20,000	\$ 18,895	\$ 18,895	\$ -																
	2369	Office Humidors	Medium	2023	2024	2023	SW	Operating	\$ 13,000	\$ 15,990	\$ 15,990	\$ -																
	2370	Chemical Buidling Garage Door	High	2023	2023	2023	SW	Reserve for Replacement	\$ 10,000	\$ 9,613	\$ 9,613	\$ -																
	2371	HACH Equipment Replacment	High	2023	2023	2023	SW	Reserve for Replacement	\$ 70,000	\$ 69,802	\$ 69,802	\$ -																
	2372	Post Aeration Electrical Upgrades	Medium	2023	2023	2023	SW	Operating	\$ 15,000	\$ 9,084	\$ 9,084	\$ -																
		Portable generators	High	2022	2022	2022	AS	Reserve for Replacement	\$ -	\$ 65,237	\$ 65,237	\$ -												Budgeted \$230,000 in 2022 - expenses incurred in '23				
		Plotter Replacement	Medium	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 10,000											New plotter to replace the existing unit; no longer supported.	Added equipment			
		Lab Incubator	High	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 6,000											A new E.coli incubator	Added equipment			
		Laboratory Dishwasher	Medium	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 15,000											A replacement dishwasher for the lab	Added equipment			
		Easement Clearing	High	2024	2025	2024	AS	Operating	\$ -	\$ -	\$ -	\$ -	\$ 13,000											Clear easements that require cutting large trees				
		Influent Sampler	High	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 15,000											A replacement sampler for the old influent sampler	Added equipment			
		Snow Plow	Medium	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 5,000											Snow plow for the Kubota	Added equipment			
		Server Replacement	High	2024	2024	2024	SW	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 40,000											Replace HV04 server, hosts ArcGIS and TS	Added equipment			
		Bauer Fittings for LS Hard Suction	High	2024	2024	2024	AS	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 8,000											Emergency bypass fittings and hose replacement	Added equipment			
		Plasma Cutter	Medium	2024	2025	2024	AS	Reserve for Replacment	\$ -	\$ -	\$ -	\$ -	\$ 4,000											Safer cutting in confined space replace cutting torch	Added equipment			
<b>Administration Projects</b>																												
									<b>Totals</b>	\$ 6,798,000	\$ 2,989,199	\$ 5,878,400	\$ 2,889,202	\$ 2,781,000	\$ 4,010,000	\$ 4,645,000	\$ 3,135,000	\$ 2,565,000	\$ 1,205,000	\$ 995,000	\$ 3,815,000	\$ 4,040,000	\$ 1,800,000					
									<b>Bond Proceeds</b>	\$ -	\$ 56,640	\$ 56,640	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
									<b>Operating</b>	\$ 2,903,000	\$ 1,472,520	\$ 2,167,520	\$ 695,000	\$ 338,000	\$ 195,000	\$ 195,000	\$ 190,000	\$ 200,000	\$ 200,000	\$ 205,000	\$ 205,000	\$ 205,000	\$ 60,000					
									<b>Reserve for Replacement</b>	\$ 1,095,000	\$ 630,907	\$ 810,109	\$ 179,202	\$ 2,052,000	\$ 1,715,000	\$ 4,150,000	\$ 645,000	\$ 465,000	\$ 305,000	\$ 790,000	\$ 610,000	\$ 635,000	\$ 1,740,000					
									<b>Plant Expansion</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									<b>Interceptor</b>	\$ 2,800,000	\$ 829,132	\$ 2,844,132	\$ 2,015,000	\$ 300,000	\$ 2,100,000	\$ 50,000	\$ 2,300,000	\$ 1,900,000	\$ 700,000	\$ -	\$ 3,000,000	\$ 3,200,000	\$ -					
									<b>Total</b>	\$ 6,798,000	\$ 2,989,199	\$ 5,878,400	\$ 2,889,202	\$ 2,690,000	\$ 4,010,000	\$ 4,395,000	\$ 3,135,000	\$ 2,565,000	\$ 1,205,000	\$ 995,000	\$ 3,815,000	\$ 4,040,000	\$ 1,800,000					



## MEMORANDUM

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**To:** B&F and C&C Committees  
**From:** Andrew Williams  
**Date:** November 1, 2023  
**Subject:** 2024 Proposed Operating Budget

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The 2023 YTD numbers have been updated with costs through September and the Projected Spending lines have been updated to reflect these values. The budget as shown does not include a user rate increase. If a rate increase were to be approved, the annual revenue increase would be approximately \$400,000.

We have been averaging about \$100,000 annual increase in residential sales by growth alone. We are budgeting for that again this year. Commercial sales are more variable and have gone up and down due to the shutdown and changes in the use of office space. We are budgeting \$2,700,000, which is where we project ending the year.

Interest income from investments and banking will remain up but will depend on the timing of the larger capital project spending. The budget includes \$270,000 between the two income lines.

Overall, the 2024 proposed budget is projecting a total income of \$8,555,000.

The Gross Wage proposed budget is \$2,386,275 for 2024. This includes step increase, range adjustment of 4.5% and the addition of a part-time laborer position for building cleaning.

The Insurance line includes the 5% increase from Anthem/IPEP. For the current year, we are projecting being \$50,000 under budget since we have had changes in coverage selection by employees.

Computer expenses continue to increase with the annual subscription and maintenance agreements that all our software providers are moving to.

Property insurance increased as all the new equipment went online and was added to our policy.

Sewer sampling expenses are up this year and will continue to be high as we continue to try and identify where the elevated levels of cyanide are coming from. Biosolids Disposal

costs have increased due to increased flows at our plant and increased fees from our vendor. Alternative disposal options have been investigated and the current process remains the most cost effective. Utility expenses have increased at the WRRF due to the new equipment that went online and higher rates. The proposed 2024 Budget reflects these changes.

The proposed 2024 Operating Budget shows expenses at \$6,867,912 with and projected Operating Income of \$1,682,088

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11.02.23		TriCo 2024 Preliminary Budget	2019 Actuals	2020 Actuals	2021 Actuals	2022 Actual	2023 Budget	2023 YTD Actual Sept	Estimate thru Dec	Over / Under	Proposed 2024 Budget	Change Budget 2023-2024	% Change Budget 2023-2024	% Change 23 Est. to 2024 Budget
		<b>REVENUES</b>						9						
4001-1	CS	Sales - Residential	4,935,129	5,009,908	5,106,028	5,213,564	5,304,500	4,013,243	5,350,991	46,491	5,425,000	120,500	2.27%	1.38%
4003-1	CS	Sales - Commercial	2,613,029	2,440,832	2,653,376	2,559,628	2,550,000	2,137,397	2,700,000	150,000	2,700,000	150,000	5.88%	0.00%
4005-1	CS	Late Charges	97,177	76,175	76,459	81,051	75,000	64,245	85,660	10,660	80,000	5,000	6.67%	-6.61%
4007-1	CS	Applications Fees	68,493	50,846	57,685	38,734	35,000	52,796	55,000	20,000	40,000	5,000	14.29%	-27.27%
4009-1	WM	Plan Reviews, Inspections, Misc. Revenue	67,748	28,177	111,865	72,762	40,000	37,764	50,352	10,352	35,000	(5,000)	-12.50%	-30.49%
4501-1	CS	Interest - Investments	41,000	44,498		153,764	100,000	225,310	300,413	200,413	150,000	50,000	50.00%	-50.07%
4503-1	CS	Interest - Banking	152,756	249,422	132,462	121,601	25,000	148,094	197,458	172,458	120,000	95,000	380.00%	-39.23%
4507-1	CS	Bank Fees	(240)	(1,980)	(2,337)	(1,088)	(600)	(413)	(551)	49	(600)	0	0.00%	8.96%
4601-1	CS	Interest - by project	2,245	1,659	1,267	1,040	500	726	968	468	600	100	20.00%	-38.02%
4701-1	CS	Customer Fees & Reimbursements	60,868	(1,143)	-	-	-	0	0	0	0	0		
4801-1	CS	Gain/Loss on Asset Disposal	7,351	533,551	13,098	20,603		44,943	49,538	49,538	0	0		
4901-1	CS	Misc Income/Expense	1,561	0	1,749	1,319		653	900	900	0	0		
		<b>TOTAL REVENUES</b>	<b>8,047,116</b>	<b>8,431,944</b>	<b>8,151,653</b>	<b>8,262,977</b>	<b>8,129,400</b>	<b>6,724,757</b>	<b>8,790,730</b>	661,330	<b>8,550,000</b>	420,600	5.17%	-2.96%
		<b>EXPENSES</b>												
5001-1	DW	Gross Wages	1,505,188	1,605,122	1,681,581	1,948,144	2,187,122	1,668,224	2,200,000	12,878	2,375,463	188,341	8.61%	7.98%
5003-1	DW	Other Employee Exp	45,235	34,002	21,587	24,661	16,000	16,858	18,000	2,000	18,000	2,000	12.50%	0.00%
5005-1	DW	Retirement Plan - Hoosier START	148,767	158,719	168,044	189,871	216,412	164,992	220,000	3,588	233,198	16,786	7.76%	6.00%
5007-1	DW	Employee Insurance	356,877	364,136	377,153	403,374	462,000	307,881	425,000	(37,000)	444,027	(17,973)	-3.89%	4.48%
5009-1	DW	Taxes (Employer FICA)	108,066	115,332	119,541	139,449	167,315	120,302	168,300	985	181,723	14,408	8.61%	7.98%
5103-1	DW	Professional Education	15,040	15,456	19,589	26,835	24,000	22,901	25,000	1,000	24,000	0	0.00%	-4.00%
5105-1	DW	Board Member Fees	17,930	16,500	15,000	12,350	19,000	14,200	19,000	0	45,000	26,000	136.84%	136.84%
5107-1	DW	Board Expense	1,534	1,678	1,182	3,524	3,500	3,888	4,000	500	3,500	0	0.00%	-12.50%
5109-1	DW	Consulting	56,920	49,601	12,352	18,956	50,000	23,742	80,000	30,000	50,000	0	0.00%	-37.50%
5111-1	SW	Computer Expenses/Consultants	182,377	244,499	186,765	210,265	182,377	150,813	190,000	7,623	220,000	37,623	20.63%	15.79%
5113-1	DW	Insurance	112,519	126,952	104,517	117,046	130,000	118,233	170,000	40,000	175,000	45,000	34.62%	2.94%
5115-1	CS	Accounting Fees	18,766	1,200	3,145	4,777	26,000	7,020	25,000	(1,000)	15,000	(11,000)	-42.31%	-40.00%
5117-1	DW	Legal Fees	28,778	27,173	16,779	20,045	30,000	13,329	17,772	(12,228)	30,000	0	0.00%	68.81%
5119-1	WM	Engineering Fees	4,392	16,244	1,260	23,140	20,000	20,000	20,000	0	20,000	0	0.00%	0.00%
5125-1	DW	Professional Affiliations	7,930	4,639	5,764	4,832	7,000	3,812	7,000	0	7,000	0	0.00%	0.00%
5127-1	DW	Travel & Mileage	6,791	4,722	6,744	10,466	8,000	12,227	13,500	5,500	9,000	1,000	12.50%	-33.33%
5129-1	CS	Collection	267	5,430	3,694	(3,548)	5,000	3,358	3,000	(2,000)	5,000	0	0.00%	66.67%
5131-1	CS	Billing Service Contracts	100,853	90,953	117,321	126,438	140,000	85,277	120,000	(20,000)	120,000	(20,000)	-14.29%	0.00%
5133-1	CS	Bad Debt Expense	1,149	472	1,403	1,587	2,000	821	1,095	(905)	2,000	0	0.00%	82.60%
5135-1	CS	Office Expense	10,831	18,510	22,332	12,107	15,000	5,879	7,839	(7,161)	12,000	(3,000)	-20.00%	53.08%
5137-1	CS	Postage Expense	57,803	60,716	69,445	78,295	80,000	62,218	84,179	4,179	82,000	2,000	2.50%	-2.59%
5139-1	CS	Office Services	45,891	54,573	49,970	43,929	52,000	40,897	42,000	(10,000)	32,000	(20,000)	-38.46%	-23.81%
5141-1	DW	Customer Outreach & Education	18,664	6,336	24,410	22,268	25,000	21,481	25,000	0	25,000	0	0.00%	0.00%
5201-1	SW	Treatment - Carmel WWTP	1,123,762	1,088,794	1,066,451	1,077,332	990,000	743,845	991,793	1,793	1,000,000	10,000	1.01%	0.83%

11.02.23		TriCo 2024 Preliminary Budget	2019 Actuals	2020 Actuals	2021 Actuals	2022 Actual	2023 Budget	2023 YTD Actual Sept	Estimate thru Dec	Over / Under	Proposed 2024 Budget	Change Budget 2023-2024	% Change Budget 2023-2024	% Change 23 Est. to 2024 Budget
5203-1	SW	Sewer Sampling & Lab	53,111	61,924	68,257	88,466	100,000	81,229	122,000	22,000	125,000	25,000	25.00%	2.46%
5205-1	SW	Biosolids Disposal	154,305	158,734	162,686	179,356	175,000	212,559	295,000	120,000	285,000	110,000	62.86%	-3.39%
5207-1	SW	Plant R & M	183,443	179,528	268,140	243,613	220,000	107,393	180,000	(40,000)	200,000	(20,000)	-9.09%	11.11%
5209-1	SW	Utilities - WRRF	306,900	312,472	312,512	434,170	400,000	347,337	470,000	70,000	450,000	50,000	12.50%	-4.26%
5211-1	SW	Operating Supplies - WRRF	35,647	36,448	23,057	40,345	30,000	18,655	30,000	0	30,000	0	0.00%	0.00%
5213-1	SW	Safety Materials & Training	14,434	14,133	16,155	10,028	15,000	13,229	15,000	0	15,000	0	0.00%	0.00%
5215-1	SW	IDEM Permits	10,180	10,180	10,382	10,565	15,500	12,844	15,500	0	15,500	0	0.00%	0.00%
5301-1	AS	Lift Station R & M	141,442	166,746	170,100	135,418	100,000	100,179	115,000	15,000	120,000	20,000	20.00%	4.35%
5303-1	AS	Line Maintenance	38,720	58,000	34,688	25,341	35,000	38,075	41,000	6,000	40,000	5,000	14.29%	-2.44%
5305-1	AS	Line Repair	29,674	17,285	33,628	43,312	50,000	6,436	40,000	(10,000)	50,000	0	0.00%	25.00%
5307-1	AS	Equipment Repair	27,295	10,784	26,054	49,701	30,000	32,350	32,000	2,000	30,000	0	0.00%	-6.25%
5313-1	AS	Vehicle R & M	9,825	10,045	56,397	21,619	20,000	24,652	28,000	8,000	27,000	7,000	35.00%	-3.57%
5315-1	AS	Fuel	23,156	18,855	26,589	40,160	45,000	30,188	40,251	(4,749)	45,000	0	0.00%	11.80%
5317-1	AS	Utilities - Lift Stations	186,367	170,684	178,562	213,999	220,000	150,970	201,293	(18,707)	215,000	(5,000)	-2.27%	6.81%
5319-1	AS	Operating Supplies - Sewer System	12,704	23,494	19,327	9,799	15,000	6,077	5,000	(10,000)	10,000	(5,000)	-33.33%	100.00%
5321-1	AS	Manhole R&M	65,322	57,237	52,253	31,865	55,000	58,529	58,529	3,529	55,000	0	0.00%	-6.03%
5322-1	AS	Televising	29,660	25,394	40,267	13,794	10,000	8,184	8,184	(1,816)	10,000	0	0.00%	22.19%
5323-1	AS	Uniforms & Shop Towels	12,555	8,689	14,017	15,121	16,500	12,431	16,500	0	16,500	0	0.00%	0.00%
		Total Operating Expenses	5,357,875	5,494,725	5,609,097	6,122,812	6,409,726	4,893,516	6,590,735	181,009	6,867,912	458,186	7.15%	4.21%
		<b>OPERATING INCOME</b>	<b>2,689,241</b>	<b>2,937,219</b>	<b>2,542,556</b>	2,140,165	<b>1,719,674</b>	<b>1,831,240</b>	<b>2,199,995</b>	<b>480,321</b>	<b>1,682,088</b>	<b>(37,586)</b>	-2.19%	-23.54%
				463,320										
5901-1		Depreciation	3,920,757	4,239,953	4,226,618	4,480,435	4,484,501	3,363,409	4,484,501	0	4,244,048	(240,453)		
5911-1		Amortization of CIAC	(3,801,084)	(3,506,664)	(3,266,544)	(3,287,916)	(3,572,760)	(2,679,570)	(3,572,760)	0	(3,506,664)	66,096		
		<b>TOTAL EXPENSES</b>	<b>5,477,548</b>	<b>3,207,189</b>	<b>3,502,629</b>	<b>7,315,331</b>	<b>7,321,467</b>	<b>5,577,355</b>	<b>7,502,476</b>	<b>181,009</b>	<b>7,605,296</b>	283,829		
		Net Surplus (Deficit)	<b>2,569,568</b>	<b>1,740,610</b>	<b>1,051,527</b>	<b>947,646</b>	<b>807,933</b>	<b>1,147,401</b>	<b>1,288,254</b>	<b>480,321</b>	<b>944,704</b>	<b>136,771</b>		
		<b>DEBT SERVICE PAYMENT</b>												
		Bond Interest - Plant Expansion				<b>514,856</b>	<b>494,201</b>	<b>249,683</b>	<b>494,201</b>	<b>0</b>	<b>471,542</b>	<b>(43,315)</b>		
		Bond Principal Payment - Plant Expansion				<b>850,000</b>	<b>850,000</b>	<b>425,000</b>	<b>850,000</b>	<b>0</b>	<b>1,180,000</b>	<b>330,000</b>		



## MEMORANDUM

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**To:** Capital and Construction &  
Budget and Finance Committees

**From:** Wes Merkle

**Date:** November 2, 2023

**Subject:** WRRF Master Plan, Rate Study,  
Union Township Service Updates

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Staff continue working on the following items pertaining to service area growth and planning.

- WRRF Master Planning

We are reviewing Greeley Hansen's final report. If capacity is expanded again, we should continue with aerobic digestion over converting to anaerobic digestion and adding primary clarification or filtration due to substantial differences in capital and operating costs. We would need to build a new pretreatment building to house larger mechanical screens and grit separation. We can continue adding vertical loop reactor trains and secondary clarifiers. Staff will next review construction cost estimates, phasing, timing, and complete an updated EDU fee analysis.

- Rate Study

This work is underway through legal counsel. The purpose is to review our existing rate structure and establish a wholesale rate. The accounting team requested certain billing statistics that were not readily available through existing reports, so we are analyzing the extensive dataset ourselves, which uncovered previously unknown issues with the way certain accounts are processed.

- Union Township Service

Through September we worked with Tom Kalio at HSE Utilities to begin negotiating terms for a wholesale agreement. We anticipate finishing this effort once it is clear proposed development within HSE's CTA is moving towards Zionsville approval, then we will engage legal counsel. Projects downstream of the proposed HSE connection point must proceed to make service possible.



## MEMORANDUM

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**To:** Capital and Construction Committee

**From:** Wes Merkle

**Date:** November 2, 2023

**Subject:** Capital Project Updates

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The following updates are provided for ongoing capital projects. Please refer to the Capital Project Fact Sheets for background information on individual projects.

- #1902 – TriCo WRRF Expansion

Punch list and warranty work continues.

- #2202 Lift Station 8 (Laurelwood) Reconstruction

Work was on hold through October as we waited for AES to install the new electric service and transformer, which is finally scheduled for next week. Once electric service is complete, Lykins will complete remaining gravity sewer and force main tie-in work, and demolish the old lift station. Completion is anticipated in November.

- #2204, 2205 and 2206 Lift Stations 11, 14 and 26 Backup Generators

Crews began work at Lift Station 14 (Austin Oaks), which includes installation of a new generator, control panel, VFDs, and automatic transfer switch. Completion is anticipated in November. The generator installation at Lift Station 26 (Jackson's Grant) is complete. The new generator at Lift Station 11 (Old 106<sup>th</sup> Street/Bennett Parkway) suffered a mechanical or electrical failure. An investigation is ongoing. Both the equipment rep and the contractor are engaged in this matter and at this time staff believes it can be resolved amicably.

- #2207 Lift Station 26 (Jackson's Grant) Parallel Force Main

Construction contractor TPI plans to finally start work in the coming weeks. All pipe material has been received.



- #2208 Lift Station 16 (Michigan/Sycamore Street) Reconstruction

Last month the crews filled the lift station site to grade, completed underground electrical conduit installation, and poured a concrete slab within the future fence. Next crews will install electrical equipment and controls above grade while we continue to wait for Duke Energy to install new power service at the site. If Duke service is installed in the next few weeks, the lift station can be started up, force main tied in, old lift station demolished, and other remaining work complete by the end of the year.

- #2301 Lift Station 10 (Ashbrook) Upgrades

Design work is nearly complete. Staff anticipates receiving permits, bidding construction, and quoting equipment by mid-December.

- WRRF Master Planning

We are reviewing Greeley Hansen's final report. Staff will next review construction cost estimates, phasing, timing, and complete an updated EDU fee analysis.