

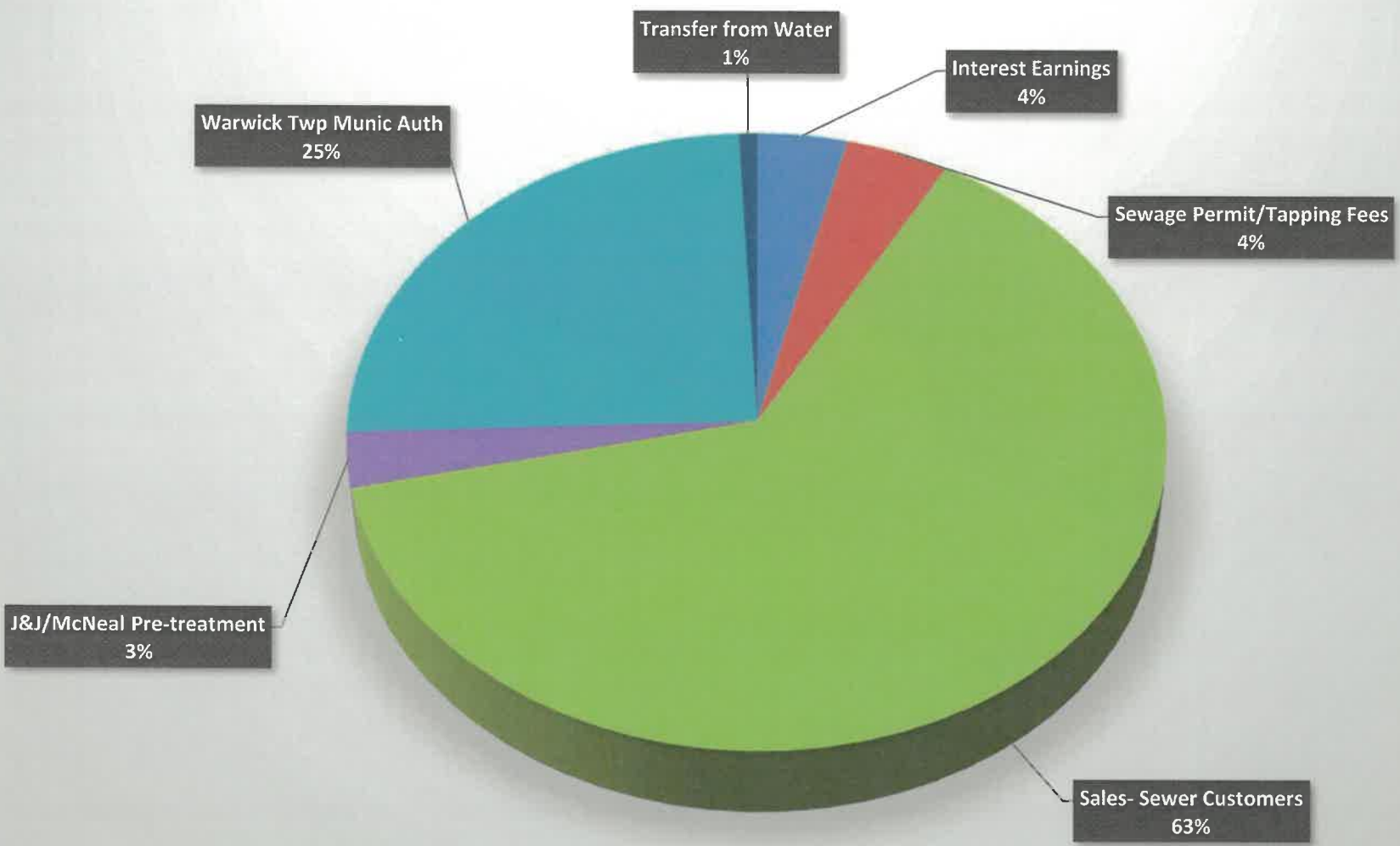
2024 SEWER FUND REVENUE AND EXPENSE DRAFT BUDGET

The sewer fund is one of two funds that make up the enterprise funds. All activities related to sewer operations are reflected in this fund. WTMA is a partner in Lititz Borough Authority and share a portion of expenses. Please refer to the annual audit for more detailed information.

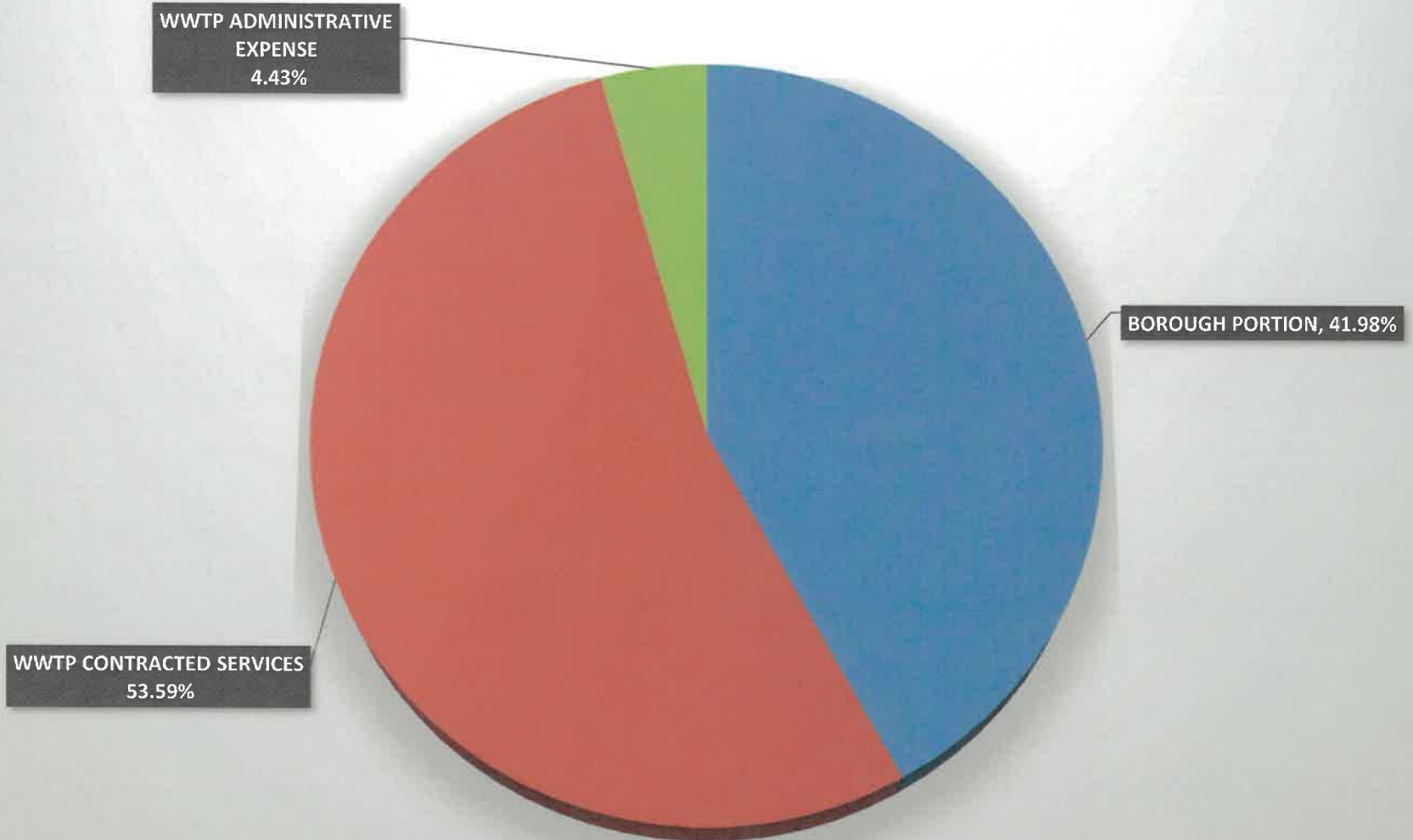
2024 Goals:

- * Provide accurate and actual costs associated with WWTP operations and capital expenses.
- * Begin engineering study for centrifuge redundancy
- * Begin engineering design on conveyor replacement
- * Lining of sewer mains
- * SCADA redundancy and other pump rebuilds

***2024 SEWER REVENUE**
Does not include revenue less than \$32,000



2024 SEWER EXPENSES



2024 SEWER FUND REVENUE AND EXPENSE DRAFT BUDGET

				2023	2024
REVENUE				BUDGET	BUDGET
08-331.160	08	331.160	Check Return Fee	500	500
08-341.000	08	341.000	Interest Earnings	18,000	155,400
08-342.430	08	342.430	Equipment Rental	0	0
08-362.440	08	362.440	Sewage Permit/Tapping Fees	101,916	177,012
08-364.100	08	364.100	Sales- Sewer Customers	2,550,000	2,600,000
08-364.110	08	364.110	J&J/McNeal Pre-treatment	210,000	120,000
08-364.120	08	364.120	Warwick Twp Munic Auth	943,332	1,021,487
08-372.200	08	372.200	Lateral Fees	0	0
08-372.300	08	372.300	Meter & Material Sale	400	400
08-372.520	08	372.520	Miscellaneous Revenue	1,000	1,000
08-392.060	08	392.060	Transfer from Water	30,000	32,000
08-395.001	08	395.001	PA Fish & Wildlife Grant	0	0
TOTAL				3,855,148	4,107,799
EXPENSES					
510 Borough Portion:					
08-510-140	08-510	140	50% Meter Reader Sal	0	
08-510-246	08-510	246	Other Service Supplies	26,800	20,000
08-510-248	08-510	248	Meter Testing/Repair	1,500	1,500
08-510-249	08-510	249	Meter Purchases	8,000	8,200
08-510-311	08-510	311	Auditing	15,000	10,375
08-510-313	08-510	313	Engineering	36,000	39,250
08-510-314	08-510	314	Legal	15,000	10,000
08-510-325	08-510	325	Postage	3,700	3,700
08-510-341	08-510	341	Advertising	2,000	2,000
08-510-342	08-510	342	Printing	2,000	2,000
08-510-372	08-510	372	Collection System	390,000	226,873
08-510-385	08-510	385	2011 Note Payment	593,008	592,884
08-510-386	08-510	386	LBA Administrative Exp	191,500	167,432
08-510-395	08-510	395	Capital Recovery Fee	0	0
08-510-450	08-510	450	O & M Pump Station	10,650	4,000

2024 SEWER FUND REVENUE AND EXPENSE DRAFT BUDGET

				2023	2024
				BUDGET	BUDGET
08-510-452	08-510	452	E Sixth Street Paving	20,097	0
08-510-901	08-510	901	Transfer to General	470,000	550,057
08-510-918	08-510	918	Transfer to Boro ERF	15,000	0
TOTAL				1,800,255	1,638,271
520 WWTP Contract Services:					
08-520-223	08-520	223	Chemicals	188,000	223,608
08-520-363	08-520	363	Utilities	320,000	334,800
08-520-450	08-520	450	Contract Services	1,213,994	1,259,384
08-520-451	08-520	451	Maintenance Contract	175,000	216,300
08-520-452	08-520	452	Sludge Disposal Cont	66,000	57,096
TOTAL				1,962,994	2,091,188
521 Administration:					
08-521-198	08-521	198	Training & Safety	200	200
08-521-311	08-521	311	Auditing Services	4,000	4,000
08-521-313	08-521	313	Engineering Services	7,500	61,800
08-521-314	08-521	314	Legal Services	2,000	2,000
08-521-341	08-521	341	Advertising	50	50
08-521-351	08-521	351	Property Insurance	61,500	57,574
08-521-352	08-521	352	Liability Insurance	19,000	18,008
08-521-353	08-521	353	Fidelity Bond	700	700
08-521-355	08-521	355	Vehicle Insurance	7,500	7,955
08-521-357	08-521	357	Errors & Omissions Ins	1,550	1,464
08-521-359	08-521	359	Commercial Excess Ins	20,300	19,057
08-521-740	08-521	740	Capital Pur- Bldg/Equip	0	0
08-521-918	08-521	918	Transfer to Boro ERF	10,000	0
TOTAL				134,300	172,808

2024 SEWER FUND REVENUE AND EXPENSE DRAFT BUDGET

				2023	2024
				BUDGET	BUDGET
522 Utilities:					
08-522-363	08-522	363	Other Utilities	0	0
08-522-364	08-522	364	Water/Sewer	0	0
TOTAL				0	0
TOTAL PLANT EXPENSE				2,097,294	2,263,996
TOTAL EXPENSES				3,897,549	3,902,267
BEGINNING BALANCE				3,736,688	3,802,246
NET INCOME				3,855,148	4,107,799
NET EXPENSES				3,897,549	3,902,267
EOY NET BALANCE				3,694,287	4,007,778
ANNUAL RECAP				-42,401	205,532

LSA Capital Budget	ranking	2024	2025	2026	2027	2028
Sludge Dryer Drive/Installation					\$53,000	
Replacement Aeration diffusers socks 1/6 tanks			\$13,000	\$13,500	\$14,000	\$14,500
Aeration diffuser pipe spares/for replacement		\$16,000				
Treatment Tank Baffle Replacement				\$115,000	\$115,000	
T-13 Tank cleaning/ Clarifier drive replacement/ Bridge prep and paint	4	\$66,500				
Final clarifier drive rebuild			\$37,000			
T-14 Tank cleaning/ Clarifier drive replacement/ Bridge prep and paint				\$70,000		
Final clarifier drive rebuild					\$45,000	
Replace 6 inch suction valves for T-5 (A&B)			\$17,000			
Dryer/centrifuge SCADA redundant programing	1	\$20,364				
Repairs to Sludge Dryer Boiler/Paratherm oil piping/replace Paratherm oil	3	\$22,000				
Dryer bypass auger			\$200,000			
WWTP permit renewal (Entech)					\$15,000	
Utility pump replacement		\$27,000				
PS-1 pump rebuild	5	\$15,000				
Seepex pump rebuild	2	\$17,000		\$20,000		
PS-1 spare lift motor		\$50,000				
PS-1 Wetwell #3 gate		\$36,000				
PS-1 MCC upgrade				\$170,000		
Blower building MCC upgrade					\$295,000	
Nitrogen Internal Return Check Valve Repair AX-6		\$40,000				
Contingency for Unexpected Items		\$25,000	\$25,000	\$50,000	\$50,000	\$75,000
		\$334,864	\$292,000	\$438,500	\$587,000	\$89,500

Ranking

- (1)Dryer/centrifuge SCADA redundant programing-Currently only local controls exist. If local controls fail equipment can not be run manually. if centrifuge failed and we are required to haul liquid sludge estimated costs would be \$175K per month.
- (2)Seepex pump rebuild-Sludge pump feeds sludge cake to dryer. Pumps at 60% of design.
- (3)Repairs to Sludge Dryer Boiler/Paratherm oil piping/replace Paratherm oil-Recommendations made from 2023 equipment inspection.
- (4)T-13 Tank cleaning/ Clarifier drive replacement/ Bridge prep and paint-10 year maintenance schedule, clarifier is critical to operation and runs 24/7/365
- (5)PS-1 pump rebuild-Influent Pump removed from service in 2023. Should be rebuilt for spare.

Sludge Fee

Digester cleaning and inspection	\$50,000			\$50,000	\$50,000
Contingency for Liquid or cake biosolids hauling due to dryer/centrifuge down time		\$50,000	\$50,000		

Other Items for Planning

- ACT 537 Plan Update (including collection system hydraulic capacity review)
- Digester T-23/T-27 cleaning and inspection (2029) (sludge cap)
- Digester T-22 B cleaning and inspection (2027) ground water (sludge cap)
- Digester T 22 A/ T-26 cleaning (2028) (sludge cap)
- Plant windows
- Crane for first and second stage influent gates
- LED conversion
- PLDC valve vault
- T-23 bypass