

**DEPARTMENT**        SEWER UTILITY  
                                 FUND 72

In 2020, Slinger entered into its new five (5) year Water Pollution Discharge Elimination System (WPDES) with the Wisconsin Department of Natural Resources (WDNR). The two largest challenges in the new permit are meeting the phosphorus limits and the limits for chlorides. Slinger operators have now demonstrated we can consistently meet phosphorus limits utilizing biological phosphorus removal, chemical addition, and streambank restoration with the City of Hartford in a combined approach to meet the phosphorus challenge. Chlorides, cannot be removed at the wastewater treatment plant, will rely on several factors outlined in the new WPDES permit to help eliminate salt at the source.

Supply chains and rising costs across many of the items in our budget is anticipated and will a challenge for the department, along with managing new substantial growth of the collection system.

For the 2023 budget, the utility will be increasing its hauled waste rates for the decant category, bringing it in line with what other treatment plants charge in the area. Further discussion is currently scheduled to address what a proposed rate case and borrowing will look like.

**2022 Accomplishments**

- Consistently demonstrated meeting the new effluent phosphorus limit outlined in our permit.
- Completed required inspections and maintenance of the streambank stabilization project, ensuring phosphorus credits.
- Continued meeting our CMOM (Capacity, Management Operations, and Maintenance) objectives, including the cleaning and televising of the sanitary system.
- Rebuilt the north clarifier drive unit.
- Grouted and repaired 14 manholes from damage caused by Hydrogen Sulfide Gas (H<sub>2</sub>S) corrosion.
- Working with Globe Construction to relay sewer along Hwy. 175, upsizing the pipe from 8" to 12" and correcting various deficiencies in the sewer collection system.
- Completed new sanitary sewer for Breuer Park.
- Developed a sustainable level of hauler waste to accept at the plant while not jeopardizing Slinger's permit.

**2023 Objectives**

- Continue working to reduce the overall chloride loading in the wastewater, obtain better compliance with the WPDES permit.
- Purchase a newer Jet Vac truck from the Village of Jackson to replace our current one.
- Continue meeting our CMOM (Capacity, Management Operations, and Maintenance) objectives, including the cleaning and televising of the sanitary system.
- Complete required inspections and maintenance of City of Hartford's streambank to secure Slinger's phosphorus credits.
- Plan work to relay parts of W. Washington sewer, eliminating the last of a double system and more clay piping.
- Work with new developers and review plans for new subdivisions added to the collection system.
- Study current lift station designs in anticipation of the increase in sanitary sewer collection system on the east side of the village.
- Enter into a new long-term sludge hauling contract.
- Add aeration motors and drives in the oxidation ditch to better treatment of phosphorus and ammonia nitrogen.

### **Staffing**

<b>Position</b>	<b>FTE (Full-Time Equivalent)</b>
Superintendent of Utilities	1
Utility Operator	2

### **Salary and Wage Distributions**

The Superintendent of Utilities earns an annual salary of \$84,573. This amount is divided as follows:

Electric Utility	20%
Water Utility	30%
Sewer Utility	30%
Stormwater Utility	20%

The two utility operators' wages range from \$56,930 to \$63,586 annually. A portion of these wages is located under "Operations Labor", in addition to the amounts projected for overtime and on-call pay.

In addition to the staff assigned to this department, the Sewer Utility pays 20% of the Administrator's salary, 20% of the Engineer's salary, 20% of the Treasurer's salary and 10% of the Deputy Treasurer's wages.

### **Account Detail**

42410-636 – Sewer Facilities Impact Fee: The money received in this account is transferred to the Sewer Utility's Debt Retirement Fund to support debt repayment for system upgrades and expansions.

46410-449 – Other System Sales: This represents the service provided to the Hilldale Sanitary District.

46410-465 – Outside Haulers Sales: This account tracks the charges paid by private sewage and septic companies to deposit waste at the WWTP.

46411-456 – Other Operating Income: This account monitors a fee that was created in 2014 based on recommendations made during the 2007 Sewer Utility system study.

53610-820 – Operations Labor: This account now contains all regularly scheduled labor costs associated with WWTP staff. Previously, portions of this cost were located within the various maintenance accounts.

53610-827 – Operations Supplies & Expense: This account pays such costs as lab supplies, permit testing costs, filters, small tools and equipment and miscellaneous supplies.

53610-828 – Central Equipment Expense: This amount includes the fee paid by the Sewer Utility to the Central Equipment fund for the use of municipally owned vehicles and equipment.

53611-831 – Maintenance of Collection System: This item covers the expenses associated with the upkeep of the systems lift stations, manholes and mains. This account also pays any costs related to Diggers Hotline locations.

53611-833 – Maintenance of Treatment Equipment: This amount is for the upkeep of equipment items located at the WWTP.

53611-834 – Maintenance of General Plant: This category includes costs associated with the actual plant, including the generator and grounds maintenance.

53613-851 – Central Services & Building: This account pays the utility's fee to the Central Services account for administrative support services.

53613-852 – Outside Services: This item includes the utility’s annual audit and mapping expenses. The large increase shown in this account is due to the costs expected for evaluation of the utility’s options for addressing the EPA and DNR phosphorus regulations.

53613-855 – Regulatory Expense: This category is for costs associated with obtaining necessary permits from the Department of Natural Resources (DNR).

53613-857 – Rent of Meters: This amount is paid to the Water Utility for the use of its metering system.

**PROPOSED 2023 BUDGET  
SEWER UTILITY FUND 72 - REVENUES**

		<b>2021 ACTUAL</b>	<b>2022 ACTUAL</b>	<b>PROJECTED</b>	<b>2022</b>	<b>2023</b>	
		<b>12/31/2021</b>	<b>7/31/2022</b>	<b>YEAR-END</b>	<b>AMENDED</b>	<b>PROPOSED</b>	<b>% CHANGE</b>
					<b>BUDGET</b>	<b>BUDGET</b>	
720-42410-000-636	SEWER FACILITIES IMPACT FEES	106,080.00	80,665.00	138,283.00	106,080.00	106,080.00	0.00%
720-46410-000-440	RESIDENTIAL SALES	878,615.83	435,951.85	871,903.70	865,000.00	880,000.00	1.73%
720-46410-000-441	MULTI-FAMILY SALES	19,623.56	8,242.61	16,485.22	20,000.00	30,000.00	50.00%
720-46410-000-442	COMMERCIAL SALES	283,454.35	130,093.78	260,187.56	280,000.00	300,000.00	7.14%
720-46410-000-443	INDUSTRIAL SALES	24,366.05	11,179.68	22,359.36	25,000.00	30,000.00	20.00%
720-46410-000-449	OTHER SYSTEM SALES	132,230.20	66,555.90	133,111.80	140,000.00	140,000.00	0.00%
720-46410-000-464	PUBLIC AUTHORITY SALES	69,398.46	37,349.00	74,698.00	65,000.00	80,000.00	23.08%
720-46410-000-465	OUTSIDE HAULERS SALES	206,800.30	61,419.39	105,290.38	160,000.00	125,000.00	-21.88%
720-46411-000-450	FORFEITED DISCOUNTS	3,460.74	1,800.75	3,087.00	4,000.00	4,000.00	0.00%
720-46411-000-456	OTHER OPERATING INCOME	1,826.50	1,442.87	2,473.49	2,500.00	2,500.00	0.00%
720-46412-000-419	SEWER INTEREST INCOME	13,708.84	4.60	7.89	-	-	0.00%
720-46412-000-420	SEWER SPECIAL FUND INTEREST	13,467.21	6,396.29	10,965.07	10,000.00	10,000.00	0.00%
	<b>TOTAL FUND REVENUE</b>	<b>1,753,032.04</b>	<b>841,101.72</b>	<b>1,638,852.47</b>	<b>1,677,580.00</b>	<b>1,707,580.00</b>	<b>1.79%</b>

**PROPOSED 2023 BUDGET  
SEWER UTILITY FUND 72 - EXPENDITURES**

		<b>2021 ACTUAL</b>	<b>2022 ACTUAL</b>	<b>PROJECTED</b>	<b>2022</b>	<b>2023</b>	
		<b>12/31/2021</b>	<b>7/31/2022</b>	<b>YEAR-END</b>	<b>AMENDED</b>	<b>PROPOSED</b>	<b>% CHANGE</b>
					<b>BUDGET</b>	<b>BUDGET</b>	
720-53610-000-820	OPERATIONS LABOR	62,854.51	35,171.15	70,342.30	85,454.60	70,342.00	-17.68%
720-53610-000-821	POWER FOR PUMPING	101,106.23	42,173.29	72,297.07	90,000.00	90,000.00	0.00%
720-53610-000-825	SLUDGE HAULING & EXP	95,796.95	626.49	80,000.00	90,000.00	100,000.00	11.11%
720-53610-000-826	CHEMICALS	146,530.32	88,348.36	176,696.72	175,000.00	180,000.00	2.86%
720-53610-000-827	OPERATIONS SUPPLIES & EXP	43,905.65	27,478.31	47,105.67	45,000.00	50,000.00	11.11%
720-53610-000-828	CENTRAL EQUIPMENT EXPENSE	66,812.00	56,259.00	75,012.00	75,012.00	92,673.00	23.54%
720-53610-000-830	CHLORIDE ABATEMENT	5,940.32	-	15,000.00	30,000.00	15,000.00	100.00%
720-53611-000-831	MAINT OF COLL SYSTEM	24,721.37	7,440.94	55,000.00	55,000.00	55,000.00	0.00%
720-53611-000-833	MAINT OF TREATMENT EQUIP	55,851.47	48,635.58	65,714.57	60,000.00	60,000.00	0.00%
720-53611-000-834	MAINT OF GEN PLANT	3,229.46	22,843.73	23,000.00	5,000.00	10,000.00	100.00%
720-53613-000-850	ADMIN & GEN SALARIES	84,006.31	44,372.13	88,744.26	84,217.77	88,744.00	5.37%
720-53613-000-851	CENTRAL SERVICES & BUILDING	47,548.00	36,295.50	48,394.00	48,394.00	56,123.00	15.97%
720-53613-000-852	OUTSIDE SERVICES	272,929.50	13,217.73	22,658.97	25,000.00	25,000.00	0.00%
720-53613-000-853	INSURANCE EXP	21,583.25	17,006.83	17,006.83	16,318.00	18,708.00	14.65%
720-53613-000-854	EMPLOYEE PEN & BENEFITS	33,753.81	28,431.62	48,739.92	50,100.60	53,507.00	6.80%
720-53613-000-855	REGULATORY EXP	6,221.54	4,971.78	8,523.05	5,500.00	6,000.00	9.09%
720-53613-000-856	SAFETY & TRAINING	3,512.46	295.48	506.54	5,000.00	5,000.00	0.00%
720-53613-000-857	RENT OF METERS	7,783.16	-	8,000.00	8,000.00	8,000.00	0.00%
720-53614-000-403	DEPRECIATION EXPENSE	601,130.93	621,442.00	621,442.00	580,452.00	621,442.00	7.06%
720-53614-000-408	TAXES	14,906.76	6,181.81	10,597.39	11,895.04	11,895.00	0.00%
720-53614-000-427	INTEREST EXPENSE	91,680.32	41,800.94	78,932.17	78,932.00	63,150.00	-19.99%
720-53840-000-903	ADMIN & FINANCE EXPENSES	1,238.09	572.09	980.73	1,200.00	1,200.00	100.00%
	<b>TOTAL FUND EXPENDITURES</b>	<b>1,793,042.41</b>	<b>1,143,564.76</b>	<b>1,634,694.19</b>	<b>1,625,476.01</b>	<b>1,681,784.00</b>	<b>3.46%</b>
	<b>NET REVENUE OVER EXPENDITURES</b>	<b>(40,010.37)</b>	<b>(302,463.04)</b>	<b>4,158.28</b>	<b>52,103.99</b>	<b>25,796.00</b>	