

**DEPARTMENT**            STORMWATER UTILITY  
   FUND 77

**Program Description**

The Stormwater Utility was created in 2006 to address various challenges, requirements and increasing state and federal regulations with regards to stormwater management within the Village. The utility is responsible for the operation, maintenance, and improvement of stormwater management systems and will work in conjunction with private landowners to implement measures and practices to help ensure water quality and prevent erosion and other damage caused by flooding.

The Village's stormwater control system is made up of approximately 23 miles of mains, 415 manholes, 985 catch basins and 242 inlets to or outlets from the storm system and approximately 62 ponds, kettles or wetland areas that act as stormwater management ponds for Village developments. These numbers are changing every year as the mapping and inventory is refined and corrections to the mapping system are made. The mapping system acts as the basis for determining the pollutant removal for the Wisconsin DNR stormwater permit. Unlike the wastewater utility, the stormwater utility is always increasing the number of treatment facilities in its system every time a new development is proposed, a redevelopment takes place or a roadway reconstructed. This updating and checking the mapping system is a very time-consuming effort aimed at keeping an accurate count of the treatment facilities in the system along with the testing and inspections that are required annually.

The Stormwater Utility charges for stormwater based on the total area of impervious surface consisting of buildings, asphalt and gravel parking lots, driveways, sidewalks, and accessory structures on its property. The typical charge for stormwater is based on the Equivalent Runoff Unit (ERU). One ERU is 4,300 square feet of impervious surface area and residential properties are charged one ERU while non-residential properties are charged for the equivalent number of ERU's based on the total square footage of impervious surface on its property.

**2022 Accomplishments**

- Reconstructed failing catch basin and storm manhole chimneys along several Village roadways. The list of catch basins needing reconstruction or repair was generated by utility staff while they were using the JetVac to clean catch basin sumps. This year the JetVac was in for repairs for an extended period of time so the overall cleaning was down over previous years.
  
- Inspected and tuckpointed catch basins at various locations throughout the Village.

- The large-scale project completed in 2022 was the wetland scrapes at Glen Hill pond, the Lawndale wetland area, and Beaus Bay/Dove Plaza wetland. The work took most of the summer and will likely run into the winter months.
- Contracted with Ruckert/Mielke to provide inspections of priority stormwater outfalls as defined by the Wisconsin Department of Natural Resources. We are looking to implement a similar program with Sweet Water in an effort to reduce costs of this effort and to catch up on the inventory, inspections and testing required. Services included inspection of the devices, maintenance recommendations, and sample collection and testing for a variety of pollutants as defined by the DNR.
- Began cleaning and televising the existing storm sewer system. This will allow us to analyze the system for deficiencies, illegal connections and plan upgrades that may be needed. This work was being done as part of the Central Slinger Drainage Study.
- Worked with the owner of the Slinger Speedway to determine best management practices that could be implemented to improve stormwater conveyance and treatment along the Speedway Court and Cedar Creek Road areas. A grant was applied for and should be awarded to the Village to fully fund these improvements (we are awaiting final approval by the EPA for this grant award).
- Replaced the storm sewer through the ski hill parking lot. The existing system was finally located and televised and found to be in need of replacement in advance of the repaving effort the owner of the ski hill was taking on in 2022.

### **2023 Objectives**

- Continue a redesign of the Oakview Drive ditch improvement between Washington Street and the Oak Terrace intersections. We attempted to bid the project twice in 2022 and were unsuccessful.
- Construct the Info Highway Storm Sewer improvement project that was bid out in 2022. Bids were rejected to allow staff to focus on the Little Switzerland storm sewer replacement. The Info Highway project will include construction of a small stormwater treatment area to provide some pollutant removal.
- Perform wetland scrape of the large wetland area located immediately south of the village hall building.
- Prepare plans to allow for the elimination of the backyard storm sewer through the Howard Avenue area. This item was not started in 2021 as originally planned.

- Construct the first phase of the Slinger Speedway best management practices and improvements along Speedway Court and Cedar Creek Road.
- Continue implementing the requirements set forth by the DNR for the Village of Slinger in the Wisconsin Pollutant Discharge Elimination System (WPDES) Permit Number WI-S0050181-1.
- Replace curb and gutter at various locations and repair storm catch basins with public works staff.

### **Staffing**

For the first 12 years of its operation, the Stormwater Utility did not include any staffing authorizations. The other utilities and public works were basically subsidizing those costs in an attempt to keep costs low and allow the new utility to get established. Now that the utility has achieved an adequate and steady revenue source, it now accounts for its own actual labor costs. "Operations Wages" includes 25% of Utility Operator wages and 10% of Public Works Operator wages. The Stormwater Utility also pays 20% of the Engineer's salary and 20% of the Superintendent of Utilities under "Admin & General Salaries."

### **Account Detail**

- 46430-410 – Stormwater Fees: The annual stormwater fee is set at \$100.00/ERU (Equivalent Runoff Unit). This rate was set in 2017 and took effect in January 2018.
- 53440-300 – Supplies & Expense: This account monitors the costs of daily operations such as utility locates, customer account maintenance and smaller repairs to the system.
- 53610-831 – Maintenance of Collection System: This item pays for larger maintenance work performed on the stormwater system. This would include catch basin repair, debris removal, and curb and gutter work.
- 53613-852 – Outside Services: The new amount listed for this expense is for the costs associated with implementing the Utility's MS4 permit with the DNR. Additional assistance will be required to complete the system mapping project.

**PROPOSED 2023 BUDGET  
STORMWATER UTILITY FUND 77 - 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>	
770-46411-000-456 OTHER OPERATING INCOME	34.29	1.60	2.74	-	-	0.00%
770-46430-000-410 STORMWATER FEES	439,643.54	244,373.99	488,747.98	470,000.00	490,000.00	4.26%
770-46431-000-450 FORFEITED DISCOUNTS	1,227.66	536.33	919.42	1,000.00	1,000.00	0.00%
770-48110-000-000 STORMWATER INTEREST INCOME	(622.08)	18.08	30.99	-	-	0.00%
770-49230-000-000 TRANSFER FROM RESERVES	-	-	64,121.00	64,121.00	65,597.00	100.00%
<b>TOTAL FUND REVENUE</b>	<b>440,283.41</b>	<b>244,930.00</b>	<b>553,822.13</b>	<b>535,121.00</b>	<b>556,597.00</b>	<b>4.01%</b>

**PROPOSED 2023 BUDGET  
STORMWATER UTILITY FUND 77 - 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>	
770-53100-101-000 ADMIN & GENERAL SALARIES	39,066.40	20,119.30	34,490.23	37,242.36	37,242.00	0.00%
770-53100-102-000 OPERATIONS WAGES	78,319.80	44,401.44	76,116.75	79,359.08	79,359.00	0.00%
770-53440-130-000 SOCIAL SECURITY TAX	8,246.99	5,014.55	8,596.37	8,532.31	8,596.00	0.75%
770-53440-132-000 RETIREMENT	2,774.98	4,511.29	7,733.64	7,905.51	7,906.00	0.01%
770-53440-133-000 INS & BENEFITS	33,831.54	19,322.48	33,124.25	33,534.00	35,814.00	6.80%
770-53440-300-000 SUPPLIES & EXPENSE	7,240.40	5,773.29	9,897.07	20,000.00	20,000.00	0.00%
770-53440-345-000 CENTRAL EQUIPMENT RENT	66,812.00	56,259.00	75,012.00	75,012.00	92,673.00	23.54%
770-53440-590-000 DEPR EXPENSE	204,636.00	172,430.00	172,430.00	163,681.00	172,430.00	5.35%
770-53610-000-827 CENTRAL SERVICES & BUILDING	33,528.00	27,212.25	36,283.00	36,283.00	42,077.00	15.97%
770-53611-000-831 MAINT OF COLLECT SYSTEM	96,387.52	17,404.86	29,836.90	40,000.00	30,000.00	-25.00%
770-53613-000-852 OUTSIDE SERVICES	33,339.02	44,008.07	75,442.41	40,000.00	30,000.00	-25.00%
770-53750-000-904 UNCOLLECTIBLE ACCTS	-	-	-	-	-	0.00%
770-53770-000-928 REG COMM EXPENSE	500.00	500.00	500.00	500.00	500.00	0.00%
770-57100-000-971 STORMWATER MAN PROG	-	-	-	-	-	0.00%
<b>TOTAL FUND EXPENDITURES</b>	<b>604,682.65</b>	<b>416,956.53</b>	<b>559,462.62</b>	<b>542,049.26</b>	<b>556,597.00</b>	<b>2.68%</b>
<b>NET REVENUE OVER EXPENDITURES</b>	<b>(164,399.24)</b>	<b>(172,026.53)</b>	<b>(5,640.49)</b>	<b>(6,928.26)</b>	<b>(0.00)</b>	