

**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 18.00 miles of mains, 290 manholes, 700 catch basins and 239 inlets to or outlets from the storm system. Staff created a system map of the stormwater system showing the locations of pipes, manholes, catch basins and inlets and discharges from the storm system. Additional work will focus on populating the storm database with pipe material, year of construction, condition and, when time allows, the invert elevations of the mains and catch basin leads.

The Stormwater Utility fee was reduced by the Village Board from \$50.00 per ERU (Equivalent Runoff Unit), which was the rate since 2011, to \$47.70 per ERU during the 2014 budget process. For 2015 the Village Board elected to maintain the Stormwater rate at \$47.70 per ERU.

**2015 Accomplishments**

- Reconstructed catch basins along Scenic and Central Avenues and rehabilitated catch basins along Lous Way.
- Reconstructed failing Manhole chimneys for several manholes along Washington Street, Sara's Court and Lous Way.
- Reconstructed the existing storm sewer along Scenic Avenue to remove the large bump that ran the length of the road due to the lack of cover over the existing pipe. This was made possible through setting the depths of pipes when the Glen Hill regional stormwater project was constructed.
- Made progress on the Dove Plaza wetland discharge pipe. This project aimed to eliminate the stormwater accumulation within the Dove Plaza parking lot due to the lack of stormwater facilities constructed with Dove Plaza. The wetland gets stormwater discharges from Beaus Bay, STH 60, Dove Plaza and Piggly Wiggly and tends to get overloaded when back to back storms occur and due to the lack of stormwater ponds in the Elinor's Estates Subdivision. DNR permit requirements and restrictions have resulted in permitting delays and modifications to the plans.

- Received a Wisconsin Department of Natural resources Urban Non-Point Source Planning Grant. This grant provides funding to help staff set up new ordinance requirements and inspections, testing and enforcement of stormwater discharge violations that will be discussed in further detail in the 2016 Objectives.

### **2016 Objectives**

- Begin work on the DNR Urban Non-Point Source Planning Grant. This is a two year grant that will expire at the end of 2016. The beginning of the grant work was delayed by DNR's review of the scope of services submitted by Ruekert/Mielke.
- Begin 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. This permit is similar to the one that is required for the Wastewater Treatment Facility. Requirements of the permit include the following (most of the implementation deadlines for these items is November/December 2017 to May 2018, depending on the requirement):

Visually observing stormwater discharges for color, odor, turbidity, oil sheen and surface scum.

Testing stormwater discharges for pH, total chlorine, total copper, total phenol, detergents, ammonia, potassium and fluorides.

Inspecting and eliminating all cross connections from the sanitary sewer system.

Updating, inspecting and enforcing the construction site erosion and stormwater regulations.

Increased street sweeping, storm sewer and catch basin cleaning and disposal of materials in regulated disposal sites.

Monitoring, calibrating, reporting and reducing the quantity of road salt used during winter operations. Also we will be required to monitor and report on snow removal and disposal and ensure that state regulations are being followed.

Proper management and disposal of leaves within the community along with a report of practices and disposal sites utilized.

Inspecting and reporting and retrofitting all municipally owned properties for reduction of stormwater discharges and pollution.

Regulating and reporting on the application of turf and garden fertilizers on municipal properties.

Following environmentally sensitive land design on all municipal projects, including green infrastructure and low impact development.

Develop and implement an educational outreach to the community.

Additionally, the entire municipal area must be delineated by drainage basin, stormwater system and location and volume of discharge. The system must be modeled to determine the amount of pollutants discharged under the “no controls” scenario and the “existing controls” scenario to determine the pollutant removal goals that will be required for the Village.

Annually report on the stormwater program to the Wisconsin DNR. The report must document actions and enforcements and progress being made on the DNR required improvements related to the program outlined above. The timeline will be developed as part of the stormwater grant.

- Continue rehabilitation/preventative maintenance of catch basins and storm manholes throughout the Village.
- Replace curb and gutter at various locations to remedy known drainage problems.

### **Staffing**

This fund does not have any actual staff authorizations but does pay a portion of salaries and wages that are assigned to other departments. The Stormwater Utility pays 10% of the Engineer’s salary and 20% of the Superintendent of Utilities/Public Works under “Admin & General Salaries”.

### **Account Detail**

- 46430-410 – Stormwater Fees: As mentioned earlier, the annual stormwater fee is projected to be set at \$50.00/ERU (Equivalent Runoff Unit) for 2016.
- 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.
- 53440-345 – Central Equipment Rent: This is the fee charged to the utility for the Central Equipment fund.
- 53610-827 – Central Services & Building: This is the cost of administrative and support services provided to the utility.
- 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.



**2016 PROPOSED BUDGET  
STORMWATER UTILITY**

	<b>2014 ACTUAL 12/31/2014</b>	<b>2015 ACTUAL 7/31/2015</b>	<b>2015 PROJECTED YEAR-END</b>	<b>2015 AMENDED BUDGET</b>	<b>2016 PROPOSED BUDGET</b>	<b>%CHANGE BUDGET</b>
770-43533-000-000 GRANTS	-	-	-	42,262.00	84,523.00	100.00%
770-46411-000-456 OTHER OPERATING INCOME	1,385.15	51.93	89.02	-		n/a
770-46430-000-410 STORMWATER FEES	197,752.82	100,731.26	201,462.52	205,110.00	215,000.00	4.82%
770-46431-000-450 FORFEITED DISCOUNTS	728.16	384.63	769.26	800.00	800.00	0.00%
770-48110-000-000 STORMWATER INTEREST INCOME	45,099.96	43,307.71	43,841.79	46,650.00	2,000.00	-95.71%
770-49230-000-000 TRANSFER FROM RESERVES	-	-	-	3,844.00	61,468.00	1499.06%
<b>Total Revenues</b>	<b>244,966.09</b>	<b>144,475.53</b>	<b>246,162.59</b>	<b>298,666.00</b>	<b>363,791.00</b>	<b>21.81%</b>

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STORMWATER UTILITY**

	<b>2014 ACTUAL 12/31/2014</b>	<b>2015 ACTUAL 7/31/2015</b>	<b>2015 PROJECTED YEAR-END</b>	<b>2015 AMENDED BUDGET</b>	<b>2016 PROPOSED BUDGET</b>	<b>%CHANGE BUDGET</b>
770-53100-101-000 ADMIN & GENERAL SALARIES	20,729.25	10,576.30	18,130.80	19,866.34	22,325.00	12.38%
770-53440-101-000 ACCOUNT & COLLECT LABOR	2,958.21	3,536.68	6,062.88	2,036.78	-	-100.00%
770-53440-130-000 SOCIAL SECURITY TAX	1,687.87	1,014.99	1,739.98	1,676.25	1,708.00	1.89%
770-53440-132-000 RETIREMENT	1,641.66	959.67	1,645.15	1,585.08	1,473.00	-7.07%
770-53440-133-000 INS & BENEFITS	9,361.79	3,970.10	6,805.89	6,600.00	7,062.00	7.00%
770-53440-300-000 SUPPLIES & EXPENSE	15,652.78	9,613.53	16,480.34	15,000.00	17,000.00	13.33%
770-53440-345-000 CENTRAL EQUIPMENT RENT	10,195.00	6,060.00	12,118.00	12,118.00	14,370.00	18.58%
770-53440-590-000 DEPR EXPENSE	138,009.15	137,687.20	137,687.20	138,000.00	137,688.00	-0.23%
770-53610-000-827 CENTRAL SERVICES & BUILDING	25,943.00	13,150.00	26,300.00	26,300.00	26,300.00	0.00%
770-53611-000-831 MAINT OF COLLECT SYSTEM	9,181.78	9,204.49	15,779.13	15,000.00	15,000.00	0.00%
770-53750-000-900 CREDIT PROGRAM ALLOWANCES	-	-	-	-	-	n/a
770-53750-000-904 UNCOLLECTIBLE ACCTS	-	53.63	53.63	-	-	n/a
770-53860-000-427 INTEREST EXPENSE	42,213.33	7,006.67	41,358.00	41,358.00	-	-100.00%
770-57100-000-971 STORMWATER MAN PROG	-	120.00	-	20,000.00	120,747.00	503.74%
<b>Total Expenses</b>	<b>277,573.82</b>	<b>202,953.26</b>	<b>284,160.99</b>	<b>299,540.45</b>	<b>363,673.00</b>	<b>21.41%</b>