

**Village of Mayville Council - Official Minutes
Spicer Engineering - Special Meeting**

August 21st , 2018

Present: Sue Atkinson, Sue Marlow, Roxann Hüter, Steve Charette,
William Barkowska, Barbara Valentine

Absent: None

Employees: Kayla Reed - Treasurer\ Deputy Clerk and Mike Glasgow-
D.P.W Director

Guests: 10

Next Meeting: September 4, 2018 6:30pm Mayville Fire Hall - Special Informational Meeting with Spicer - Committee of the Whole Meeting Following
September 18, 2018 6:30 pm Mayville Library - Special Informational Meeting with Spicer - Regular Council Meeting Following

*** Official Minutes***

1. The Village of Mayville Council held a Special Meeting with Spicer Engineering at the Mayville Library. Village President Valentine called the meeting to order at 6:32 pm
2. Pledge of Allegiance
3. Slideshow presentation on Lagoon Project Updates and Problem Points. Slides will be available to view in the Village Office. There are several Project Points to be addressed: \$5.625 million for the Lagoon project and approximately 1.6 Million for the Sewer problem points. An overall \$7.162 Million project, breakdowns of expenses are included in the presentation. This Project is necessary to comply with DEQ Standards. This Project will incorporate significant rate increases, starting the September 2018 billing cycle. USDA deems a 1.5% median household income an affordable rate for Sewer. A Note from Spicer is included on back side\ or following page.
4. Motion to adjourn Public Hearing Meeting moved by Marlow 2nd by Atkinson

Yes -6 No - 0
Motion Carried.

Adjourned at 7:17pm

Submitted by Kayla Reed

VILLAGE OF MAYVILLE: SANITARY COLLECTION AND TREATMENT UPDATES

Current State of System.

In 2015 the Village of Mayville was awarded a Stormwater Asset Management, and Wastewater Grant (S.A.W.) from the Michigan Department of Environmental Quality (MDEQ) to perform an inventory and condition assessment of all storm water and wastewater assets. The results of the inventory and assessment pointed out that our lagoons, three pump stations, and part of the collection system are failing and need to be addressed promptly.

What Needs to Be Done?

The wastewater collection system consists of 6.87 miles of gravity sewer, ranging in size from 6-inch to 12-inch, and contains 4 sanitary pump stations with 0.66 miles of forcemain. The wastewater lagoon treatment and disposal facility consists of two cells of an unknown original construction date, but in the 1970's the cells were expanded to the current system of today. The Village believes it's best to rehabilitate the existing lagoon cells by cleaning and lining, and also adding a 3rd cell to accommodate the stages of work that are necessary with the first 2 cells.

Based on the condition of the existing facilities, there is significant need for the project. The sewer replacement projects are needed to maintain positive flow in the collection system, the sewer lining project is needed to prevent a sewer collapse from corroded pipe, and the pump station projects are needed to mitigate the risk to health and safety should any equipment at either station become inoperable. Additionally, the lagoon treatment system issues need to be addressed on behalf of health and safety concerns, including lagoon leakage.

What Is The Cost?

Projects that need to be completed and their estimated preliminary cost below are detailed below. Total cost to residents and business owners is unknown at this time. We are seeking financial assistance from the United States Department of Agriculture Rural Development (USDA) who has an excellent reputation for providing substantial grant funds and long-term loan arrangements for communities facing similar situations like Mayville's. Loan terms are often approved for up to 40 years which makes paying for the costs very affordable. Once we hear back from the USDA, we will have a more exact idea of the cost scenario for users which would be paid back through rate increases.

Recommended Improvements	Preliminary Estimate of Cost
Manhole #126 Sewer Repl.	\$68,000
Fulton St. Sewer Repl.	\$80,000
Turner/Pine Sewer and Manhole Repl.	\$465,000
2nd St. Sewer Lining	\$40,000
Ohmer Pump Station Repl.	\$366,000
Fox Pump Station Repl.	\$351,000
Fifth St. PS Rehab	\$152,000
Lagoon Rehabilitation	\$5,625,000
Easements/ROW Verification	\$15,000
Total Preliminary Estimate of Cost	\$7,162,000

How Does This Benefit Residents and Businesses?

Residents and business owners in Mayville enjoy the benefit of having a properly working sanitary collection and treatment system. In order to keep this system working correctly and trouble-free, the deficiencies need to be addressed. Once the project is complete, the sanitary sewer will have increased reliability including less backups and service interruptions. The new assets will have lower operation and maintenance cost, be more efficient and safer for DPW to operate.