

Sewer and Water Committee – April 20, 2009 (Revised)

The following media were noticed relative to this meeting per the Open Meetings Law of the State of Wisconsin: The Ozaukee Press, Port Washington, WI; The Milwaukee Journal-Sentinel (Ozaukee-Washington Desk), Milwaukee, WI; The Sheboygan Press, Sheboygan, WI. In addition, a copy of the agenda was also posted at the following locations within the Village of Belgium: Belgium Village Hall, Belgium Post Office, Port Washington State Bank (Belgium Office), Harris Bank (Belgium Office), and Belgium Hardware and Beverage.

Call to Order, Roll Call, Establishment of a Quorum:

Chairman Clem Gottsacker called the meeting to order at 7 p.m. In attendance were Trustee Jeffery Ritter and Ronald Weyker. A quorum was declared established. Also in attendance were President-elect Kevin Kowalkowski, Trustee-elect John Thiele, Daniel E. Birenbaum – DPW & Water Superintendent, Neil R. Anderson – Wastewater Superintendent. Deputy Clerk-Treasurer Jamie Cecil, Mark Cecil, Utility Service Company – Sheldon Shelton and Michael Olesen.

Open Meeting Law Compliance Check:

We are in compliance.

Pledge to Flag, Moment of Silence:

Announcement of Closed Session:

A Closed Session will not take place at this meeting.

Announcements/Input:

The following announcements and input will be discussed and possible action taken:
None

Miscellaneous Matters:

The following actions will be discussed and possible action taken:

- Water Tower. On April 3, 2009, a leak was detected in the water tower on Lindale Street. On April 6, Utility Service came out to view the situation. Daniel Birenbaum shut the water tower down on April 9. Utility Service welded up the problem area on April 11th. A mixing system may be the answer. A ladder from the shell man-way created this problem. The bear minimum that this ladder can be off the wall is 7". OSHA has requirements on the distance from the bowl to the shell man-way. Doubling the thickness of the ladder would help. A center ladder is needed for ingress and egress. Preference would be for one ladder, not two. There is not enough water turning over. Stagnant water may occur in summer. A temporary ladder cannot be mounted. Cold water is denser and sits at the bottom of the tank. The tower fills from the bottom and departs from the bottom of the tank. This activity occurs 24-7.

A mixing system was discussed that would use solar power. No other municipality in Wisconsin uses this system. The states of Illinois and Ohio have a few mixing systems in water towers. Water towers can collapse if an ice shelf spans the entire diameter of the

tank. A tank can also split or implode due to ice build up. Trustee Ritter questioned if the pipes going to the water tower could burst. Water in the riser, if frozen, could cause a problem. If the tank were drained over winter, prior to start-up the tank would annually have to be resanitized. It was questioned if a one time per year inspection was adequate. Trustee Weyker requested that the Village of Belgium be a Pilot Program for the mixing system in Wisconsin at little or no cost..

According to Olsen, the ice build up is an "Act of God" and not covered by the regular maintenance agreement.

Draining the tank would provide 1) a loss of revenue and 2) cleaning cost. Valving in the street could isolate the line. It would still need to be cleaned and sanitized every spring at a cost of approximately \$6,000.00.

There is an ice and vacuum concern. A solution is sought for a problem created by nature.

Spraying on foam was suggested by Neil Anderson. Olsen noted that the foam deteriorates the steel.

Utility Service Company refuses to use rope ladders and injuries and death have occurred.

The \$54,000 cost for the mixing system could be split over three years. The Village of Belgium has to weigh the risk.

Trustee Weyker noted that they need to improve participation and cost sharing with us. This is a pretty steep penalty. The life of a water tank is indefinite. The Village of Belgium is a small municipality with limited funds. We need to think outside of the box. The Village of Belgium wants no hidden surprises. Utility Service needs to explore alternative measures and bring them back to a Sewer and Water Committee in June. The Sewer and Water Committee wants an expert opinion from someone on this issue.

Trustee Ritter noted that he was skeptical. Trustee Weyker wants to review the contract.

Insurance is also to be checked for proper coverage on the water tower.

- Lift Station #1. "The Main Lift Station was constructed at the old Wastewater Treatment Plant site in 1983, and is used to transfer a major portion of the Village's wastewater to the new Wastewater Treatment Facility. The Lift Station currently operates using a 7.5 horsepower pump during periods of normal wastewater flows, and a 30-horsepower pump for high and storm flow periods. A number of improvements are needed at the Main Lift Station to meet current peak flow requirements. The recommended plan by the Village's Engineer included replacing two 30-horsepower primary pumps, abandoning the existing submersible pumps, combining the existing dry pit pump and submersible wet wells, installing new Variable Frequency Drives (VFD's) for the 30-horsepower pumps,

completing control upgrades, and other housekeeping/maintenance items at the Main Lift Station to extend its service life. “

Neil Anderson noted that the revised scope of work needed is around \$100,000. \$12,000.00 is the estimated cost additional engineering services for this project for an additional 30 hp pump. A VFD drive is required as well per Neil Anderson. He desires a Allen Bradley VFD as parts are top quality. The 30 hp pump would back up a 30 hp pump. A motion was made by Trustee Weyker and seconded by Trustee Ritter to recommend to the Village Board the Agreement for Professional Services with McMahon Associates, Inc. totaling \$12,000.00 for application of Stimulus Funding (attached). The Sewer and Water Committee was polled: aye - Gottsacker, Weyker, Ritter; noes – none; abstain – none. Motion carried.

- Stimulus Funding. Main Street Sanitary Sewer was discussed. Trustees Gottsacker and Weyker noted that they should apply for things you need to do. There is a chance of success.

Dave Wagner, CIPFA of Ehlers & Associates, Inc. indicated that the Sewer Fund cannot borrow more than \$300,000.00. A meeting with David Wagner has been set for Monday, May 4th. Lila Mueller noted she will is on vacation May 1-6 thus will not be in attendance at the May 4th meeting.

- Impact Fees and Sewer Connection Fees for Lakeside Foods, Inc. Based on review of the past water use and invoicing history it has been determined that six (6) units would be the logical fee for the Sewer Connection Fee, Water Tower Impact Fee and Park Fee. A motion was made by Trustee Weyker and seconded by Trustee Ritter to recommend to the Village Board that Lakeside Foods, Inc. fees be set at six (6) units for the Water Tower Impact Fee, Sewer Connection Fee and Park Fee based on usage and past history. The Sewer and Water Committee was polled: aye - Gottsacker, Weyker, Ritter; noes – none; abstain – none. Motion carried.

Action Items:

None

Adjourn:

A motion was made by Trustee Ritter and seconded by Trustee Weyker to adjourn at 9:04 p.m. The Sewer and Water Committee was polled: ayes – Gottsacker, Ritter, Weyker; noes – none; abstain – none. Motion carried.

Respectfully submitted,

Lila M. Mueller, CMC
Village Clerk-Treasurer