

VILLAGE OF LIBERTYVILLE
BOARD OF TRUSTEES
WATER & SEWER COMMITTEE

Tuesday, January 12, 2016

7:00 pm

Village Hall

Agenda

Attendance

Committee: Trustee Scott Adams, Trustee Donna Johnson

Village Board: Mayor Terry Wepler, Trustee Pete Garrity

Staff: Village Administrator Kevin Bowens, Finance Director Pat Wesolowski, Public Works Director Paul Kendzior, Deputy Village Administrator Kelly Amidei, Police Chief Clint Herdegen, Assistant to DPW Laura Ditanto

Others: Eric Callocchia – Municipal and Financial Services Group
Ed Donahue - Municipal and Financial Services Group

Absent: Trustee Rich Moras

Minutes

1. CALL TO ORDER AT 7:03 PM

2. MINUTES OF DECEMBER 8, 2015 MEETING

The minutes were approved as written.

3. WATER & SEWER CAPITAL IMPROVEMENT PROJECT UPDATE

Peterson Road Interconnect:

Startup is scheduled for January 5, 2016. This interconnect is used as an emergency measure.

W. Park Avenue Easement:

Two letters are being sent to the resident by the Village Attorney advising him that on January 26th, the Village Board will be adopting an ordinance authorizing the filing of an eminent domain suit. After the ordinance is adopted, the Village will be able to commence that process. Late last week the Village received a notice from the Appellate Court, dismissing the resident's appeal (regarding the fines) for failure to comply with appellate court rules. Although it is possible that he will seek to reinstate the appeal, we do not anticipate that he will do so at this time.

Grease Trap Program:

Grease trap inspections are up to date and no violations thus far. Moving forward, Public Works and Community Development Staff will work together to develop a Fats, Oils & Grease (FOG) List for all applicable establishments in the Village. Public Works Utility crews will then inspect all public sewers immediately downstream of the establishments on the FOG List. If grease is observed in the line, inspections will be made by the Community Development Department for those establishments' grease traps that may be contributing to the grease build-up. Depending upon compliance follow-up inspections and enforcement procedures will be undertaken.

Over the next year, Staff plans to inspect all commercial food-preparation locations in

the Village that are required to have a grease trap. Depending on the inspection results, staff may either inspect a location more frequently or less frequently.

WWTP Pretreatment Survey:

- Staff received survey responses all the letters that were sent out except from the County for Winchester House. As of December 23, 2015, The County told Village Staff that they would be sending the pretreatment survey to the Village.
- Staff has received a Proposal from Baxter & Woodman for further assistance with Pretreatment Activities for our identified significant industrial users. This is a requirement of our new IEPA NPDES Permit (Special Condition 11) for the WWTP.

Underground Utilities Improvements – 2016 Program:

- The tentative date for advertising for competitive contractor bids is January 13th.
- The Bid Opening will be February 12th.
- Construction is anticipated to start once the weather breaks, likely late March and be completed by the end of June.

4. WATER & SEWER RATE STUDY UPDATE

Eric Callocchia and Ed Donahue with Municipal and Financial Services Group (MFSG) introduced themselves and presented a PowerPoint presentation to the Committee. The rate model presented allows the Village to plan water and sewer expenditures for capital, operations, maintenance, reserves, etc. This will also supply the Village with a finance plan for water.

MFSG noted that the largest water purchase made the Village is to CLCJAWA for the purchase of water. In 2021, CLCJAWA costs will decrease because their bond will mature that they were paying for the installation of the system.

The driver of the rate increase(s) are the following:

- Increasing operating costs (3.7% per year)
- Major capital improvements planned over the next five to ten years
- Maintaining 25% of Utility Fund operating expenses in a cash reserve

MFSG spoke about alternative rate models such as declining block rates and inclining block rates. Declining block rate structure is when the per-unit price of energy decreases as the energy consumption increases. Inclining block rate structure is when the per-unit price of energy increases as the energy consumption increases.

Staff would also like to look at the Senior Discount and the Summer Sewer Rate. A final rate recommendation will be made at the February Water & Sewer Committee meeting.

5. WASTEWATER PLANT SCREW PUMP WIRING REPAIRS

The electrical wiring that supplies power from the lower level control panel to the upper level motors for the screw pumps at the Wastewater Treatment Plant is corroded, which is causing arcing and shorting out wiring circuits. Years of air saturated with moisture and hydrogen sulfides have corroded the electrical duct and subsequently has caused damage to the wiring that controls the operation of the screw pumps. Moisture is also entering the lower level control cabinet, which is increasing the risk of pump failure and safety concerns. The screw pumps are the most critical component of the waste water treatment process at the plant and also ensure against sanitary sewer system backups.

Three proposals were obtained to address the electrical service wire issues for the screw pumps. The work involves replacing the corroded exterior duct with sealed conduits and replacing the wiring between the control panel and pump motors. Pieper Electric, Inc. provided the lowest cost proposal at \$22,980.00. The next two proposals were \$10,000 and \$20,000 more than Pieper Electric. Staff has placed this item on the 1/12/16 Village Board agenda requesting a waiver of bids to complete this work and accept the proposal from Pieper Electric, Inc.

6. MEETING ADJOURNED AT 7:47 PM

Respectfully Submitted:
Laura Ditanto,
Assistant to the Director