

**Village of Weston, Wisconsin
OFFICIAL MEETING AGENDA OF THE PUBLIC WORKS COMMITTEE**

Monday, June 11, 2018, at 4:30 p.m.

AGENDA ITEMS.

1. Meeting called to order by Chairman Ziegler.
2. Welcome, introductions and acknowledgement of guests.
3. Roll Call by Recording Secretary.

Roll call indicated 5 Property & Infrastructure Members present.

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes - Via Phone
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

Village staff present were Keith Donner, Michael Wodalski, and Donna Van Swol. Also present was Loren White, Abigail Cantor of Process Research Solutions LLC, and Tonia Speener of Clark Dietz.

4. Approval of minutes from previous meeting: May 14, 2018.

****M/S/P Ostrowski/Hubbard: to approve the minutes from the meeting of May 14, 2018 as presented.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

5. Public Comments. None.
6. Approval of permits and applications. None

ACKNOWLEDGE WORK PRODUCT TRANSMITTALS

7. **Acknowledge Schofield Avenue concrete pavement repairs near Alderson Street due to extreme heat.** Wodalski reported we had a very hot period over Memorial Day weekend causing several areas on Schofield Avenue to buckle. To expedite the repairs, we had Norcon complete the work. Norcon was already in the area doing work for Schofield. Every year we budget for some of this type of work.
8. **Acknowledge concrete pavement and storm sewer repairs on Schofield Avenue near Von Kanel Street due to extreme heat.** Wodalski reported this was another area on Schofield Avenue that buckled due to the extreme heat. Wodalski added there was a storm sewer component to this repair.

****M/S/P Ostrowski/Jensen: to acknowledge agenda items number 7 and 8.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

9. **Private Well Permit Renewal Letters.** Donner reported letters have gone out to the property owners with private wells in the system since the permit fee has been raised.

****M/S/P Priebe/Hubbard: to acknowledge private well permit renewal letters were sent out since the permit fee was increased.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

EDUCATIONAL PRESENTATIONS & REPORTS.

10. **Water Quality Study, Abigail Cantor, P.E., Process Research Solutions, LLC.** Abigail Cantor reported she has been working on an investigation of our water distribution system. She takes many water samples throughout distribution systems, many more than are required by regulatory agencies. Cantor has developed a method of collecting a lot of data where she measures quite a number of water quality parameters to put together a matrix to figure out what is going on in the water distribution system. She summarized what happens when the drinking water is pumped into the pipes. In the pipes there is varying degrees of chemical scales and biofilms that have built up over time. What needs to be considered is the water coming into contact with these conditions in the water mains. The water being pumped out of the ground is a very complex mix of chemical compounds and micro-organisms. Water treatment is added but it only addresses specific things. So, you have the pipe with chemical scale and biofilms, the water with complex chemical compounds and micro-organisms, with added chemical treatment all coming together in the water mains creating a lot of interaction of elements in the water distribution system.

From the regulatory perspective all the water quality issues are treated separately. Cantor feels with her comprehensive perspective the top priority should be to clean the water mains to remove as much built up chemical scale and biofilm as possible, will result in better water quality, less issues with regulatory compliance, and less chemical usage, therefore saving money. We want to keep out iron and manganese, they are common pipe wall scale formers in water systems. Iron and manganese have been found to draw other metals to them (e.g. lead, copper, arsenic, and radium). We take steps to remove nutrients for micro-organisms (compounds of carbon, hydrogen, and phosphorus). We also make sure disinfection is at a good level. Biologically stable drinking water, flowing out of clean pipes have very low potential to develop water quality problems.

Cantor describes some complaint issues that Weston has - discolored water, quick degradation of hot water tanks, soft reddish-brown material that could be seen in toilet tanks, taste and odors, and pinhole leaks in stainless steel heat exchanger at an industrial site. Reviewing old engineering reports that focused on asbestos cement water mains and cement lined water mains we need to keep in mind there is this balance between the degradation of cement and water. Cement includes calcium ions and there

can be a tendency of the water to pull the calcium out. The old reports also discussed micro-biological activity occurring in the wells and the distribution system.

Donner gathered background information as available for the study. A few months ago, Cantor and Donner spent the day collecting several water samples throughout our distribution system. She found microbiologically influenced corrosion (MIC) is a significant part of this water system's water quality. Based on in premise plumbing issues described symptoms that were predominately a micro-biological problem.

More water samples were gathered at the Bloedel well over certain time periods. It appears there is corrosion going on within the well itself showing a release of a number of metals and measurements of higher microbiological activity. A lot of the iron found in the water system comes from corrosion in the wells, as well as corrosion in the iron pipe in the system. It appears the manganese is coming from the aquifer. Chloride typically comes from road salt and nitrates come from agricultural or lawn use fertilizers that all play a part in what ends up in the water supply. There are ways to optimize use of road salt and fertilizers.

Recommendations are to clean off the growth in pipes through the water main flushing program. The wells need more frequent cleaning and attention than what is typically given to municipal systems. Once the program gets started the system needs to be maintained. Education of property owner about ongoing premise plumbing maintenance. How to apply road salt in a more optimized fashion then there isn't as much runoff that gets into our source water. It is also important to have ongoing water quality monitoring.

The committee asked several questions.

- 11. Capital Improvement Projects 2019.** Donner briefly summarized the proposed capital improvement projects. We have not done any neighborhood street projects since 2012. There are a few neighborhoods that need street reconstruction. Due to the economy we were reluctant to special assess in the last few years. We need a second water and sewer crossing of the Eau Claire River by Ryan Street. The TIF project plan includes the Transport Way extension and Camp Phillips Centre. Ziegler thought staff should prioritize the project list and put an estimate of cost with the proposed projects for the next meeting.

POLICY DISCUSSIONS AND RECOMMENDATIONS.

- 12. Accept Draft Water Rates as Recommended by PSC and Recommend Village Board Schedule Public Hearing.** Donner reported this was discussed at Finance Committee last Monday. We received our draft water rate design from the PSC on May 24. There is an overall 22.5%+ revenue increase for the water utility with the two combined step increases. The first increase (17%) would be shortly after the PSC public hearing and the rate order is issued. The second step will be after our meter project is booked. Donner reviewed what the impact would be for some of our larger customers. The rates did not increase for public fire protection. Donner said Rothschild will have a rate tariff for when we purchase water from Rothschild to serve Foremost when the well is down for maintenance. Rothschild has a meeting tonight to discuss whether to have Weston direct bill our customers in Rothschild for public fire protection.

Priebe questioned why it was such a large increase. Donner said it was 2009 since our last water rate increase and the PSC has recommended we increase our rate of return. It would be better to have smaller increases more often. This will be our goal going forward. The rate of return is being set at 4% for Weston. The PSC standard benchmark for rate of return is 5%.

****M/S/P Priebe/Jensen: recommend to the Board of Trustees to accept the draft water rates recommended by the PSC and schedule a public hearing.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

13. Accept Proposal from OMNI Glass & Paint to Repair and Seal Exterior Concrete Block Walls at Water Treatment Plant. Donner requested to accept a single proposal from Omni Glass & Paint, Inc. to repair and seal exterior concrete block walls at the water treatment plant in the amount of \$19,945.

****M/S/P Jensen/Hubbard: recommend to the Board of Trustees to accept the proposal from Omni Glass & Paint, Inc. to repair and seal the exterior concrete block walls at the water treatment plant in the amount of \$19,945.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

RESOLUTIONS/ORDINANCES.

14. Recommend the Village Board to Trustees Adopt Resolution 2018-034 to Approve Compliance Maintenance Annual Report (CMAR) for Weston Sewer Utility and Submit to the Wisconsin Department of Natural Resources. Donner reported this is an annual report we have been doing since 2016 (for 2015 reporting year). We are struggling to get the Capacity, Management, Operation, and Maintenance (CMOM) document completed. We are working on completing a number of the elements in the document (e.g. condition assessment on our sewers, update ordinance, review sewer rates annually). We are making a commitment to complete the CMOM by the end of this calendar year.

****M/S/P Ziegler/Priebe: recommend to the Board of Trustees to adopt Resolution 2018-034 to approve Compliance Maintenance Annual Report (CMAR) for Weston Sewer Utility and submit to the Wisconsin Department of Natural Resources.***

Yes Vote: 5 No Vote: 0 Abstain: 0 Not Voting: 0 Result: Pass

<u>Member</u>	<u>Present</u>
Ziegler, Jon	Yes
Hubbard, Tom	Yes
Jensen, John	Yes
Ostrowski, Kevin	Yes
Priebe, Matthew	Yes

FUTURE ITEMS.

15. Next meeting date(s):

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| a. Monday, July 9, 2018 @ 4:30 p.m. | Regular Meeting |
| b. Monday, July 30, 2018 @ 6:00 p.m. | Special Budget Meeting |
| c. Monday, August 13, 2018 @ 4:30 p.m. | Regular Meeting |

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| d. Monday, September 10, 2018 @ 4:30 p.m. | Regular Meeting |
| e. Monday, October 8, 2018 @ 4:30 p.m. | Regular Meeting |
| f. Monday, October 29, 2018 @ 6:00 p.m. | Special Budget Meeting |
| g. Monday, November 12, 2018 @ 4:30 p.m. | Regular Meeting |
| h. Monday, December 10, 2018 @ 4:30 p.m. | Regular Meeting |

16. Topics for future meetings.

- a. 2019 Budget.
- b. 2019 – 2023 CIP Budget.
- c. Utility disconnect notice and procedure.
- d. Sewer Utility Rates.
- e. Town of Weston Ditch Mowing.

17. Remarks from staff. Donner reported we have some customers alleging the new radio reading equipment is interfering with their garage door openers. They are on two vastly different frequencies. Our radio meter reading equipment is on a frequency of 930 – 940 MHz and garage door openers are on a 300 MHz band. There is no basis for this interference. A Sensus technician was here today to check out part of our system. We have been in touch with Sensus representatives on this and they have many systems like this in place and do not have these issues. Wodalski has been in the neighborhood testing the radio frequencies. Wodalski said there is some frequency issues in the 300 MHz to 400 MHz range going on in the area, but he does not know where it is coming from. The interference seems to be localized. Building Inspector, Scott Tatro, said inexpensive led lights or other electronics could potentially be interfering with the frequency.

Wodalski reported we are getting things prepped for the overlay projects. Next week American Asphalt should be in paving these areas.

18. Remarks from Committee members. None.

19. Announcements.

- a. June 13, 2018 @ 11:30 a.m. All Staff Luncheon

20. Adjournments.

Chairman Ziegler adjourned the meeting at 5:55 p.m.

Donna Van Swol, Utility Clerk