

PUBLIC UTILITIES COMMITTEE

Tuesday, September 20, 2016

6:00 P.M.

**McFarland Municipal Center
Conference Room "A"**

AGENDA

1. CALL TO ORDER.
2. PUBLIC COMMENT
3. APPROVAL OF MINUTES
 - a. Review and possible approval of draft Minutes from the Public Utilities Committee Meeting of August 16, 2016.
4. BUSINESS
 - b. Discussion and possible recommendation regarding the Paulson Road South Development.
 - c. Discussion and recommendation to Village Board regarding the contract to service the brush and yardwaste site along with the yearly curb side pick up for brush and yard waste.
 - d. Response to the 2016 DNR Sanitary Survey Report Dated 7/22/2016.
 - e. Updated cost to continue with the MS4 TMDL Phosphorus Remove program.
5. STAFF REPORTS
 - a. Update on activities
 - b. Impact Fee Summary
6. ADJOURNMENT.

NOTES:

- 1) Persons needing special accommodations should call 838-7287 at least 24 hours prior to the meeting.
- 2) A quorum of The Village Board may attend this meeting for the purpose of gathering information relevant to their responsibilities as Village trustees. No matter shall be considered nor shall any action be taken by said Village Board members at this meeting.
- 3) More specific information about agenda items may be obtained by calling 838-7287.

This agenda was posted, or caused to be posted, by my hand on the 16th day of September, 2016 at the following three (3) posting places in the Village of McFarland, to wit: McFarland Municipal Center, 5915 Milwaukee Street; E.D. Locke Public Library, 5920 Milwaukee Street; and the McFarland State Bank, 5990 Hwy. 51.

**Public Utilities Committee
Meeting Minutes - Draft
August 16, 2016**

Members present: Mary Pat Lytle, Stephanie Brassington, Craig Weiss, Ernie Peterson, and Chris Frederick.

Members absent: Marc Nielsen arrived at 6:02 pm.

Staff present: Jim Hessling and Kelsy Boyd.

Others present: Brian Berquist (Town & Country Engineering)

1. Call to order: The meeting was called to order at 6:01 p.m. by Chair Lytle in Conference Room A at the Municipal Center.

2. Public comments: None

3. Review and possible approval of draft Minutes of Public Utilities Meeting of July 19, 2016:

Motion by Lytle, second by Weiss, to approve the draft minutes with minor amendments. Approved 6-0.

4. Discussion and possible recommendation regarding the Paulson Road South Development.

Jim Hessling, Assistant Director of Public Works, indicated that he and Allan Coville, the Director of Public Works, had met with the developer regarding relocating the water main for this project for improved water pressure and water quality. Hessling indicated that the Public Works Committee has already approved the proposed change. Frederick, who is also on the Public Works Committee, expressed concern about how the proposed plan for stormwater runoff is tying in currently. The currently proposed detention basin is outflowing into the curb line on Ridge Road and could cause winter maintenance issues. He felt strongly the detention basin should be connected to our current storm sewer system, however, this could be difficult given the closest connection point is on Valley Drive, which is approximately two blocks away. Frederick added that given the current location is a 100% pervious, wooded lot and post-development, over 50% will be impervious surface, volume and flow rate to the existing homes downstream is a big concern. Brian Berquist agreed this is a concern and pointed out that there is green space still available on the current plan design that could be utilized for stormwater. Frederick stated that another consideration is that the Village may eventually be reworking Paulson Road to include a storm sewer system. A potential short-term solution would be to outflow onto the curb line until such time the Village reworked Paulson Road. The development agreement would outline an escrow payment for these additional costs to be paid by the developer.

Motion by Frederick, second by Nielsen, to direct staff to work with the developer to demonstrate that their final plan will meet new development standards including peak flow rates and total volume. In addition, staff is directed to work with the developer on addressing the outflow of stormwater to the curb line, including language for the development agreement that would either have the developer tie into the existing stormwater system or contribute to a new stormwater system when Paulson Road is reworked. Approved 6-0.

5. Update regarding the creation of a Well Head Protection program for the Villages Municipal wells.

The Public Utilities Committee had made a recommendation to the Village Board to have Town & Country Engineering develop the Well Head Protection program at an approximate cost of \$13,000. The Village Board declined that recommendation due to cost considerations and instead directed staff to engage the Wisconsin Rural Water Association to develop the Well Head Protection program, who will complete the program at no cost. Town & Country would only be engaged as needed for initial input and final review. An initial meeting between staff, Town & Country, and Wisconsin Rural Water Association has already occurred.

6. Discussion and possible recommendation regarding the 2017 proposed projects.

The following list of proposed 2017 projects were discussed:

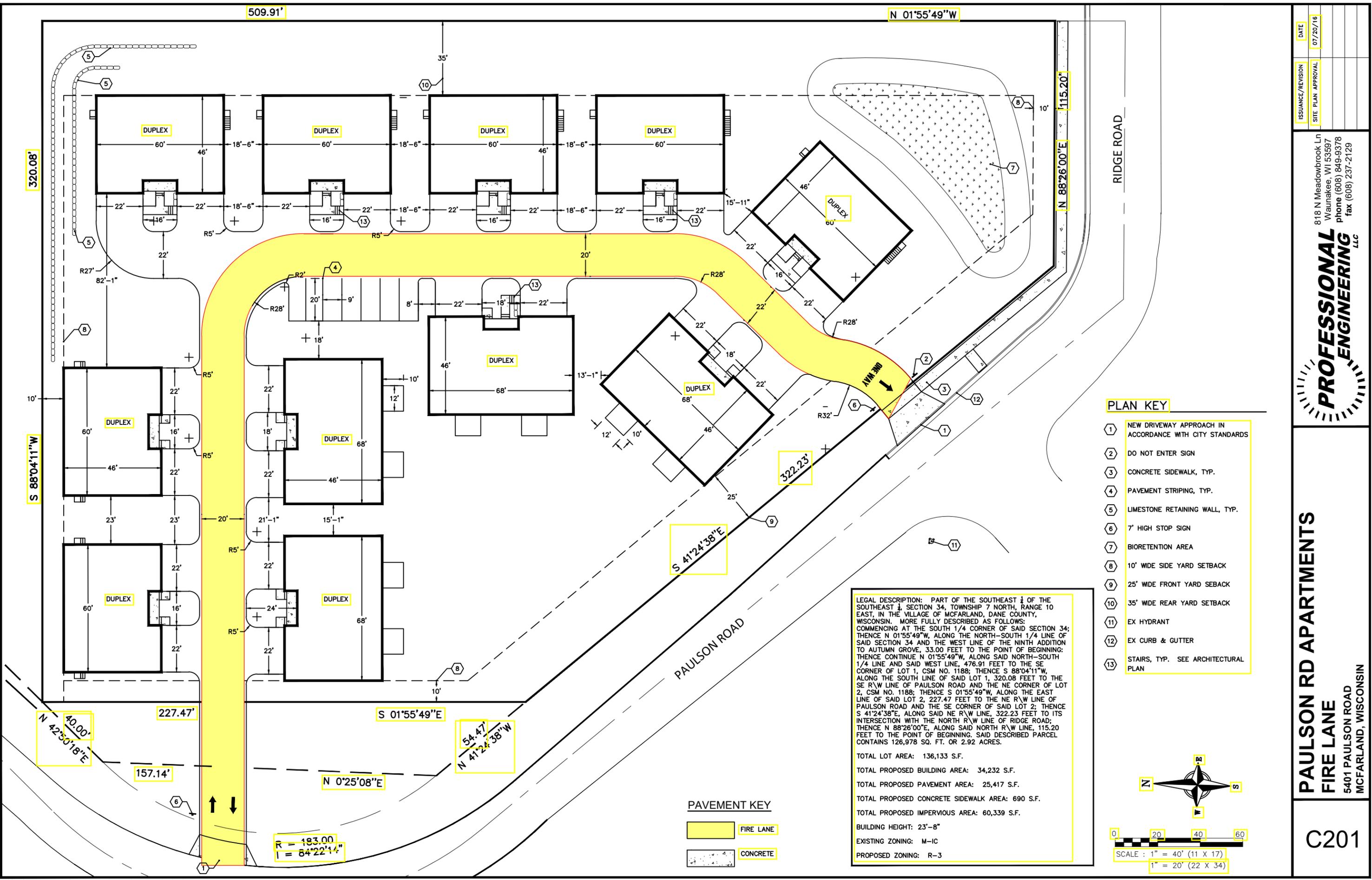
- a. Burma Road Water Tower is due for a DNR inspection at an estimated cost of \$5,000
- b. An alternate fuel source utilizing propane or electric for Well #4
- c. Water/Sewer main installation from Broadhead up Holscher Road to Siggelkow

As part of the budget process, it was recommended that staff review emergency protocol for back-ups.

7. Discussion regarding the algorithms used to identify unusually high water usage.

Boyd handed out the report, which identifies unusual usage for the billing period. On the most recent report there were 127 accounts that appeared. The algorithm compares the current reading to the same period last year. If the current read is 2.5 times higher than last year or only 10% of last year's usage, it appears on the report. One of the issues with contacting customers is that frequently the customer's phone number has not been provided to the utility. It was discussed that something should be put in the newsletter about providing phone numbers.

Adjournment: Motion by Nielsen, second by Brassington, to adjourn at 7:07 p.m. Motion approved 6-0.



PLAN KEY

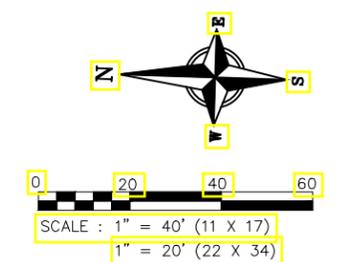
- ① NEW DRIVEWAY APPROACH IN ACCORDANCE WITH CITY STANDARDS
- ② DO NOT ENTER SIGN
- ③ CONCRETE SIDEWALK, TYP.
- ④ PAVEMENT STRIPING, TYP.
- ⑤ LIMESTONE RETAINING WALL, TYP.
- ⑥ 7' HIGH STOP SIGN
- ⑦ BIORETENTION AREA
- ⑧ 10' WIDE SIDE YARD SETBACK
- ⑨ 25' WIDE FRONT YARD SEBACK
- ⑩ 35' WIDE REAR YARD SETBACK
- ⑪ EX HYDRANT
- ⑫ EX CURB & GUTTER
- ⑬ STAIRS, TYP. SEE ARCHITECTURAL PLAN

LEGAL DESCRIPTION: PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN. MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 34; THENCE N 01°55'49"W, ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 34 AND THE WEST LINE OF THE NINTH ADDITION TO AUTUMN GROVE, 33.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N 01°55'49"W, ALONG SAID NORTH-SOUTH 1/4 LINE AND SAID WEST LINE, 476.91 FEET TO THE SE CORNER OF LOT 1, CSM NO. 1188; THENCE S 88°04'11"W, ALONG THE SOUTH LINE OF SAID LOT 1, 320.08 FEET TO THE SE R/W LINE OF PAULSON ROAD AND THE NE CORNER OF LOT 2, CSM NO. 1188; THENCE S 01°55'49"W, ALONG THE EAST LINE OF SAID LOT 2, 227.47 FEET TO THE NE R/W LINE OF PAULSON ROAD AND THE SE CORNER OF SAID LOT 2; THENCE S 41°24'38"E, ALONG SAID NE R/W LINE, 322.23 FEET TO ITS INTERSECTION WITH THE NORTH R/W LINE OF RIDGE ROAD; THENCE N 88°26'00"E, ALONG SAID NORTH R/W LINE, 115.20 FEET TO THE POINT OF BEGINNING. SAID DESCRIBED PARCEL CONTAINS 126,978 SQ. FT. OR 2.92 ACRES.

TOTAL LOT AREA: 136,133 S.F.
 TOTAL PROPOSED BUILDING AREA: 34,232 S.F.
 TOTAL PROPOSED PAVEMENT AREA: 25,417 S.F.
 TOTAL PROPOSED CONCRETE SIDEWALK AREA: 690 S.F.
 TOTAL PROPOSED IMPERVIOUS AREA: 60,339 S.F.
 BUILDING HEIGHT: 23'-8"
 EXISTING ZONING: M-IC
 PROPOSED ZONING: R-3

PAVEMENT KEY

- FIRE LANE
- CONCRETE



ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	07/20/16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

PAULSON RD APARTMENTS
FIRE LANE
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

C201



Staff recommendation is to go with Barnes for a three year contract. The drop off site can vary from year to year especially if you have a few storms which take down trees and limbs. Barnes is cheaper for the curb side pick up. We also know the exact yearly cost for the drop off site where the other two bidders would require the Village to haul the material or find another vendor to haul the material. Also, with Pellitteri, the Village would be responsible for finding a dump site along with paying for that cost to dump. There are too many unknown variables with Purple Cow and Pellitteri.

Brush and Yardwaste

Proposal Results

2017

The Village received three proposals for the servicing of "Brush and Yardwaste" at both the drop off site and curb side. The results are as follows:

(One Year – 2017)

Barnes	<p>\$63.45/hour for curb side pick up (both yardwaste and brush)</p> <p>Drop Off Site \$38.000 / year</p>
Pellitteri	<p>\$140/hour/truck for curb side pick up, cost not to include disposal site. Village to find site and pay for cost to dispose of material.</p> <p>Drop Off Site – They would provide three 20-yard dumpsters at current drop-off site. The dumpsters would be hauled as needed. The cost is \$165/20 yard haul with the Village making arrangements on where the material is to be hauled too and the Village pays for the cost to deliver the material.</p>
Purple Cow	<p>Yardwaste - \$9/ton but the Village has to haul</p> <p>Brush - \$25/ton but the Village has to haul</p> <p>Drop Off Site – No bid</p>

Brush and Yardwaste

Proposal Results

2017 – 2018 – 2019

(Three Year – 2017 – 2018 - 2019)

Barnes	2017	\$63.45/hour for curb side pick up (both yardwaste and brush) Drop Off Site \$38,000 / year
	2018	\$65.40/hour for curb side pick up (both yardwaste and brush) Drop Off Site \$39,140 / year
	2019	\$67.36/hour for curb side pick up (both yardwaste and brush) Drop Off Site \$40,314 / year
Pellitteri		Each year will have an annual escalator but they did not say how much it would be. \$140/hour/truck for curb side pick up, cost not to include disposal site. Village to find site and pay for cost to dispose of material. Drop Off Site – They would provide three 20-yard dumpsters at current drop-off site. The dumpsters would be hauled as needed. The cost is \$165/20 yard haul with the Village making arrangements on where the material is to be hauled too and the Village pays for the cost to deliver the material.

Purple Cow

Yardwaste - \$9/ton but the Village has to haul

Brush - \$25/ton but the Village has to haul

They will accept Quad axle loads for \$270 / load
and Semi's for \$300 / load

Cost not to exceed \$45,000 annually



Wednesday, September 7, 2016

David Barkhahn
WI Dept. of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711-5397

Re: 2016 DNR Sanitary Survey Report; Dated 7/22/16

Dear Dave,

Thanks for the quick turnaround on your annual inspection report. I would like to take this opportunity to address the deficiencies and recommendations that were mentioned in your letter.

Deficiencies

- 1) Water level line grommet
This item has been repaired. The grommet was replaced and aligned correctly in the bushing and reinstalled.
- 2) Holscher Road Water Tower Overflow
The gravel around the overflow structure was replaced with concrete. This should help with any erosion issues at the structure.
- 3) Maps
Enclosed with this letter are 2 copies of the water distribution system for the Village of McFarland.

Recommendations

- 1) Well Head Protection
The village is currently working with Wisconsin Rural Water Association and our engineering firm, Town & Country Engineering on a plan. It is anticipated that the plan will be completed by early spring 2017.
- 2) Unaccounted Water
The village will work towards better record keeping practices to see if this number can be lowered.
- 3) Excessive Moisture
We will look into the moisture problems at the wells and see what is available to help ease moisture problems due to pipe sweating.
- 4) Sample Taps
We will look into the removal and reinstallation/placement of the sample taps at the water towers in order to get them out of the confined spaces where they are currently located. This will be considered the next time we take the towers down for maintenance activities.

PUBLIC WORKS DEPARTMENT • (608)838-7287 • FAX (608)838-6823

5115 Terminal Drive • P.O. Box 110 • McFarland, WI 53558-0110

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WI Dept. of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711-5397

Re: 2016 DNR Sanitary Survey Report; Dated 7/22/16

5) Rate Increase

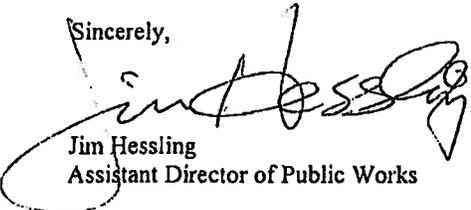
This item will be brought up to the utility committee for their input and consideration.

6) SCADA Improvements

We are currently in the process of obtaining a quote on a new system. It is my hope that the new system will be up and running in 2017.

In closing, I again want to thank you for bringing these items to my attention. I hope that the responses to your recommendations are satisfactory. If you need further information or clarification, please feel free to contact me. I have enclosed my business card for your convenience.

Sincerely,



Jim Hessling
Assistant Director of Public Works

cc: Allan Coville, Director of public Works
Mary Pat Lytle, Utility Chair

PUBLIC WORKS DEPARTMENT • (608)838-7287 • FAX (608)838-6823

5115 Terminal Drive • P.O. Box 110 • McFarland, WI 53558-0110

Allan Coville

From: Thomas TeBeest <ttebeest@tcengineers.net>
Sent: Monday, September 12, 2016 3:20 PM
To: Dave Taylor; Allan Coville
Cc: Brian Berquist
Subject: RE: McFarland MS4 TMDL Analysis - DNR Concurrence and Comment

Follow Up Flag: Follow up
Flag Status: Flagged

Dave,

Thanks for the confirmation.

Based on this information, I understand that the Village of McFarland's revised contribution will be as follows:

$\$36,200 * (302/736) = \$14,854$

Tom

Thomas J. TeBeest, P.E.
ttebeest@tcengineers.net
Town & Country Engineering, Inc.
2912 Marketplace Drive, Suite 103
Madison, WI 53719
(608) 273-3350 Fax: (608) 273-3391

From: Dave Taylor [<mailto:davet@madsewer.org>]
Sent: Monday, September 12, 2016 12:52 PM
To: Thomas TeBeest <ttebeest@tcengineers.net>; Allan Coville <Allan.Coville@mcfarland.wi.us>
Subject: RE: McFarland MS4 TMDL Analysis - DNR Concurrence and Comment

Tom:

Eric has calculated this correctly, although I would round up to 302 lb. DNR guidance uses the % reduction approach, which is different than the straight math of taking the baseline (or revised baseline) minus allocated load from the TMDL.

Dave

David S. Taylor
Director of Ecosystem Services
Madison Metropolitan Sewerage District
1610 Moorland Road
Madison, WI 53713
Phone-Direct: 608-709-1867
Phone-Alternate: 608-222-1201, ext. 276
Fax: 608-222-2703
Email: davet@madsewer.org