

VILLAGE OF GERMANTOWN
N112 W17001 MEQUON ROAD
GERMANTOWN, WI 53022

MEETING: **PUBLIC WORKS & HIGHWAY COMMITTEE**

DATE AND TIME: **TUESDAY, March 6, 2018 ***5:30 P.M.*****

LOCATION: **Germantown Village Hall Board Room**

- I. **CALL TO ORDER:** This meeting has been given public notice in accordance with Wisconsin Statutes, Section 19.83 and 19.84 in such form that will apprise the general public and news media of subject matter that is intended for consideration and action.
- II. **ROLL CALL:** Chairman Kaminski, Trustees Campbell, Warren and Zabel
- III. **APPROVAL OF MINUTES:** February 5, 2018, February 6, 2018 & February 19, 2018
- IV. **PUBLIC COMMENT:** Please be advised per State Statute Section 19.84(2), information will be received from the public. It is the policy of this municipality that there be a three minute time period, per person, with time extensions per the Chief Presiding Officer's discretion; be further advised that there may be limited discussion on the information received, however, NO ACTION will be taken under public comments.
- V. **NEW BUSINESS:**
 - A. Consideration of Utility Credit – N104 W16300 Hedge Way
 - B. Discussion/Authorization – Odor Claim – W140 N10337 Fond du Lac Avenue
 - C. Authorization to Replace Existing Panel View – Well #4
 - D. Authorization to Reprogram New Panel View – Well #4
 - E. Authorization to Purchase – Replacement Pump – Lift Station #7
 - F. Authorization to Contract - Furnaces – Village Hall
 - G. Authorization to Contract – Roof Replacement – Schoenlauffen Park
 - H. Authorization to Contract – Siding & Dormer Repairs – Village Hall
 - I. Discussion/Action – Use of Private Consultants – Engineering Department
 - J. Discussion/Authorization to Pay Invoice – Michels Materials – TID #6
 - K. Village Labor and Equipment Rates
- VI. **NEXT MEETING DATE:** Set April, 2018 Meeting Date and Time
- VII. **ANNOUNCEMENTS:**
- VIII. **ADJOURNMENT:**

UPON REASONABLE NOTICE, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service please contact the Village Clerk at (262)250-4740 at least 2 days prior to the meeting.

*** Notice is given that a majority of the Village Board may attend this meeting to gather information about an agenda item over which they have decision making responsibility. This may constitute a meeting of the Village Board per State ex rel. Badke v. Greendale Village Board, even though the Village Board will not take formal action at this meeting.

SPECIAL

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

February 5, 2018

Village Hall Board Room

CALL: Chm. Pro Tem Zabel called the meeting to order at 6:30 p.m.

ROLL CALL: Chm. Pro Tem Zabel, Chm. Kaminski (absent & excused), Trustee Members Campbell and Warren. Also present were Dir. Ratayczak.

AUTHORIZATION TO FILL VACANT POSITION – VILLAGE ENGINEER: Public Works Director Ratayczak requested authorization to fill the vacant Village Engineer position.

MOTION made by Campbell, seconded by Warren to forward to the Village Board with a positive recommendation to approve filling the Village Engineer position.

Motion carried unanimously.

AUTHORIZATION TO FILL VACANT POSITION – HIGHWAY DEPT. MECHANIC I: Public Works Director Ratayczak requested authorization to fill the vacant Mechanic I position.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with a positive recommendation to approve filling the Highway Dept. Mechanic I position.

Motion carried unanimously.

ADJOURNMENT: There being no further business, the meeting was adjourned at 6:32 p.m.

Lawrence Ratayczak, P.E.
Director of Public Works

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

February 6, 2018
Village Hall Board Room

CALL: Chm. Pro Tem. Zabel called the meeting to order at 5:30 p.m.

ROLL CALL: Chm. Kaminski (absent & excused), Chm. Pro Tem Zabel, Trustee Members Campbell (absent) Myers and Warren. Also present were Dir. Ratayczak, Engr. Laning and Secretary Wick.

PREVIOUS MINUTES: **MOTION made by Warren, seconded by Myers to approve the minutes of January 9, 2018.**

Motion carried unanimously.

PUBLIC COMMENT: None

CONSIDERATION OF UTILITY CREDIT – N99 W16215 NORTHWAY: A written request was submitted to the Director of Public Works requesting consideration of a utility credit due to high usage in the 4th quarter of 2017. The property owner explained usage had been consistent for years and the 4th quarter billing was considerably higher. He believed the water meter was at fault. Water utility personnel changed the meter and determined no leaks were found. Average usage in the 4th quarters of 2014, 2015, 2016 was 9,670 gal. The usage in 2017 was 32,000 gallons.

Mr. Lemanczyk, N99 W16215 Northway, explained his water usage was consistent for years and his water softener recycled on demand and there was no abnormal increase in salt usage. He was at a loss to explain the large usage other than a faulty meter.

MOTION made by Zabel, seconded by Myers authorizing staff to credit the over average water use of \$51.13 and the over average sewer use of \$154.37 for a total credit of \$205.50 toward the 4th quarter utility bill for the property at N99 W16215 Northway.

Supt. Haugen was asked by the Committee that when pulling a meter for this reason, complete a data profile to determine the meter's accuracy.

Chm. Pro Tem Zabel explained his rationale for suggesting a credit of both sewer and water charges was that it could not be determined where the water went. Past history calculations had shown consistency over the last 4+ years.

Motion carried unanimously.

CONSIDERATION OF A UTILITY CREDIT – N160 W11028 ABBOT COURT: Mr. Minorik brought to the Villages attention that his water usage had decreased drastically after a new meter was installed on July 20, 2017. Dir. Ratayczak researched water usage histories back to 2001 to determine average water usage and provided this information to the Committee. Data averages were fairly consistent over the years with decreased use not attributable to meter replacement in June, 2011. The last meter replacement in July, 2017 indicated an apparent change in consumption. Staff was unable to determine a reason for the reduced consumption, but the trend over the last 16 years showed continual reductions. When a new meter was installed in Fall of 2017, the average dropped and Mr. Minorik questioned why it was so much

higher in previous years? Water Superintendent Haugen was requested to verify the meter's accuracy by testing the current water meter installed in 2017.

Mr. Minorik, N160 W11028 Abbot Court, stated he requested a meter change in 2011 & again in 2017 noting he was an average user and his neighbors were not paying as much. Mr. Minorik questioned how, with the current meter change, his usage drop almost 100%?

Chm. Pro Tem Zabel stated when the current water meter is tested for accuracy by the Water Utility staff, Mr. Minorik may be warranted some type of credit. Chm. Pro Tem Zabel also noted PSC rules allow a one year window on obtaining a utility bill credit and could not go back to year 20011 as requested.

MOTION made by Zabel, seconded by Warren requesting staff to verify water meter accuracy at N160 W11028 Abbot Court and if the meter function was ok, the resident would receive a one year credit based on the difference of the average first and second quarter of 2017 water use (23.5) and the third and fourth quarter of 2017 water use (9.5).

Motion carried unanimously.

DISCUSSION/RECOMMENDATION REGARDING SANITARY SEWER SERVICE AREA – WRENWOOD DEVELOPMENT:

Dir. Ratayczak presented two aerial maps showing the following; the proposed Wrenwood area 2020 land use, proposed service area for interceptor sewer, proposed force main, new lift station service area, new lift station location, gravity sewer and the abandonment of Lift Station #1. A detailed explanation was given for the information provided on those maps. The following points were made;

- Red boxed areas on the map were for the proposed interceptor sewer which included the area on Elm Lane in which there is a proposed development approved for septic and well. This area will be removed from the proposed service area.
- Potential sewer service area was mapped out north of Freistadt Road which the Village Board was not currently in favor of;
- Sewer service area south of Mequon Road shrinks due to grades; the interceptor sewer would have been deep and not feasible;
- Black boxed areas on the map showed area to be serviced by a new Lift Station within the Wrenwood Development;
- The Wrenwood Developer is in need of sanitary service to his development; This area is shown on the Land Use Plan presented highlighting the Wrenwood Development in which the new Lift Station would service; In conjunction with that would be the abandonment of Lift Station No. 1 and by gravity run Lift Station #1 into the new lift station. The new lift station outfall of sanitary sewer would be located at Well #11-Tower #3 site south of Mequon Road;
- Staff is in discussion with the developer on sharing the full cost of the Lift Station force main as it would be a benefit to the Village and the development.
- Staff would propose if a Lift Station is constructed, the Village would hire an Engineering firm for its design to Village specifications.
- There is an understanding with the developer that they would take the findings of the Engineering firm hired to do the study as the Lift Station was paramount to him.
- Cost calculations factor oversizing, area served and percentile the costs accordingly;

Bill Carity, Developer, reported that he received a call from Dir. Ratayczak who expressed there was a change in direction from what previously was to be an interceptor sewer. Mr. Carity was designing their development around the interceptor sewer and understood the change as long as costs were fair & equitable on both sides. Mr. Carity wanted to see the Village move forward as he was submitting his land use plan and rezoning to the Plan Commission. The preliminary plat for the proposed development has already been redesigned. Mr. Carity was willing to discuss with staff and Committee a pro-rata share. Factors included sizing, depth, and related items. There are 300 acres outside of their 100 acres of service area that could be admitted to the regional lift station together with the Lift Station #1. How everyone gets there, what that constitutes, what they are willing to pay or pro-rata share of design in the study side of it, whether it's based on flow or based on acreage. Until the project is bid and until you have design you are not going to have a fixed cost.

Dir. Ratayczak added the Lift Station was one of the alternatives presented 10 years ago to service this area and development. This regional lift station could supply sanitary service to Freidenfeld Park and other development. Without the Lift Station, Mr. Carity stated his project would not move forward.

Chm. Pro Tem Zabel questioned why staff moved from the temporary lift station to the permanent lift station. Dir. Ratayczak stated the temporary lift station the developer had proposed in October was based on the fact that the Village was looking and working on running an interceptor sewer up Country Aire and possibly through the Wrenwood development. In order to start Mr. Carity's project and the fact that an interceptor sewer may take many years to be designed and built, Mr. Carity proposed installing a temporary lift station to initiate the first southern phase of his development and pump into the existing sanitary sewer at Well #11-Tower #3 site. In the interim other developments have come up where it appeared those areas would not require sanitary sewer service therefore shrinking the sanitary sewer service area. It made sense to staff to have a lift station to service the area and size the lift station for possible future expansion. Mr. Carity intended on breaking ground in year 2019. The Lift Station and force main would be designed by an independent firm and could be obtained in the developer's time frame. Obtaining W.D.O.T. easements could be a lengthy process, therefore Mr. Carity needed to know his destiny with his project. He has spent a lot of time, effort and money to move his development forward.

Wastewater Superintendent Zimmerman felt a lift station was the best alternative left knowing that a large portion of the service area that the Village was looking at serving with the interceptor sewer was going to develop on well and septic. This regional lift station would accomplish serving that remaining area along Country Aire Drive at Freistadt Road as well as getting rid of Lift Station #1 which was the Village's oldest lift station.

MOTION made by Zabel, seconded by Warren requesting staff come up with a new lift station, agree to work with the developer on costs for the lift station and force main and come back to the Committee for final approval.

Motion carried unanimously.

DISCUSSION REGARDING SANITARY SEWER SERVICE AREA – CAPRI – MENOMONEE FALLS: Dir. Ratayczak reported a Capri Senior Living Development is proposed on property owned by Grace Lutheran Church located on the south side of County Line

Road in Menomonee Falls. Grace Lutheran Church is also planning on building a new school in the future. The Grace Church property is currently served by Village of Germantown Sanitary Sewer and Water. The initial buildout of the Capri Development includes 100 Elderly apartments with cafeteria. Phase 1 & 2 will be constructed in 2018. Phase 3 will include 49-2 bedroom, 45-1 bedroom & 6 efficiency apartments. The Village of Germantown by an existing agreement with Menomonee Falls would supply water and sanitary sewer service to the development. The Grace & Capri developments were in the same sewer service area as the Bancroft Drive business area located east of Maple Road. Menomonee Falls is in the planning stages to extend their sanitary sewer and watermain to service the Bancroft Road Business Area with the purpose of removing this location being serviced by Germantown. Grace Lutheran and Capri would remain on the Germantown system. Dir. Ratayczak noted the Bancroft Area and Capri Senior Living (Phase 1&2) water/sewer volume should balance each other but Phase 3 of Capri Senior Living and future Grace Lutheran School will increase flow to the Village of Germantown system. The Village of Germantown and Village of Menomonee Falls were still in the process of drafting and executing a new agreement to replace the original 1992 agreement. Chm. Pro Tem Zabel clarified the 1992 Agreement was for the Bancroft Business Area and a 2007 Agreement was for the Grace Lutheran Church site. Dir. Ratayczak did not have an opportunity to review the new agreement but believed the latest agreement combined both areas and would address all issues. The Committee was provided with an overview map of the area explaining sanitary flow in the Bancroft Business Area went to Lift Station #6 (Buffalo Wild Wings), flow from Grace Lutheran Church property went to Lift Station #3 (Maple/Appleton), which was then pumped to Lift Station #6, and then pumped to the Old Farm Lift Station. The Lift Stations were nearing normal capacity. Discussion followed on the current and future flow in the Menomonee Falls quadrant being discussed and into Germantown.

Village Pres. Dean Wolter stated there had been communication between the Village and Menomonee Falls and Germantown's concern has always been with the lift stations especially Lift Station #6. Menomonee Falls seemed to think that an even trade of the Bancroft Business area to the Capri development would work but it seemed Germantown would be carrying more flow before Menomonee Falls would completely take it on. The Village's concern will always be additional development that happens along Appleton Avenue or what could happen as to the final land sale in TIF #6 when you have to be careful as to the type of business which may require a fair amount of water and/or sewer capacity. In speaking with Menomonee Falls regarding the timing of removing sewer from the Village's system along with long term plans with taking Capri off of Germantown's system totally, Menomonee Falls was not ready to discuss. There was nothing found in the Agreement between Menomonee Falls and Germantown that discussed offsetting costs as needed.

Chm. Pro-Tem Zabel stated the original agreement with Menomonee Falls stated Menomonee Falls agreed if Germantown has to enlarge Lift Station #3, Germantown has the right to trade an area assessment and Menomonee Falls would turn around and use that assessment and give a portion to Grace Lutheran Church. Pres. Wolter stated the Village Attorney did not find any language regarding cost sharing or any future cost sharing. In closing Pres. Wolter expressed the Village needed to be careful when looking at future development and the Village's capacity limits. Menomonee Falls is aware of Germantown's concerns and hoped those concerns are incorporated with Menomonee Falls plans and that both communities can work proactively together.

AUTHORIZATION TO PAY INVOICE – D.F. TOMASINI: Supt. Haugen reported an emergency curb stop failure on the utility side of the lateral at N115 W19680 Woodland Drive.

MOTION made by Warren, seconded by Zabel authorizing the payment of \$3,770.00 to D.F. Tomasini for the emergency repair of a curb stop failure at N115 W19680 Woodland Drive. Funds to be allocated from Acct. #50-742-530-6750.

Motion carried unanimously.

AUTHORIZATION FOR BLANKET PURCHASE ORDER – REPLACEMENT OF GATE VALVES: Supt. Haugen requested an open purchase order for the services of others on a time and material basis to dig and replace water system gate valves and install new valves to the system for distribution efficiency. Restoration will be as needed on hardscape surfaces only.

MOTION made by Myers, seconded by Warren to forward to the Village Board with a positive recommendation to approve the allocation of \$16,000 in the form of a blanket purchase order to hire as needed, a contract service for the replacement of water system gate valves to include restoration costs-hardscape surfaces only.

Motion carried unanimously.

AUTHORIZATION TO PURCHASE – OFFICE EQUIPMENT – WATER DEPARTMENT: Supt. Haugen requested authorization to purchase and replace office furniture & carpet, painting and wall expansion in the Water Utility offices at the Dept. of Public Works. Four office retail businesses were contacted in which two were able to supply pricing.

MOTION made by Myers, seconded by Warren to forward to the Village Board with a positive recommendation to purchase office replacement furniture from ORF Office Furniture Resources for a cost of \$11,273.87 and additional cosmetic items for the total budgeted amount not to exceed \$15,000.

Motion carried unanimously.

AUTHORIZATION TO PAY INVOICES – GOSCHEY MECHANICAL: Supt. Olszewski requested authorization to pay two invoices to Goschey Mechanical for labor/materials costs to replace the air conditioning unit in the Server Room at the Police Dept. Supt. Olszewski further explained this repair will use one third of the Police Department Maintenance and Repair Budget. As the Police Dept. and Annex were two of the oldest buildings occupied 24/7, he could see costly repairs occurring more often and suggested the annual maintenance budget be adjusted accordingly.

MOTION made by Warren, seconded by Myers to forward to the Village Board with a positive recommendation to pay two invoices for the total amount of \$7,848.04 to Goschey Mechanical for labor and materials for the replacement of the air conditioning unit for the server room at the Police Department. Funds to be allocated from Acct. #10-519-530-5221. Motion carried unanimously.

AUTHORIZATION TO PURCHASE – TRAFFIC SIGNAL CABINET REPLACEMENT: Supt. Olszewski requested authorization to replace the traffic signal cabinet at the Appleton Avenue and County Line Road intersection and pricing from experienced electrical contractors to provide the internal components. The cabinet was past its useful service life and TAPCO was

the only supplier of this cabinet. Staff solicited pricing from experienced electrical contractors that the Village had worked with in the past.

MOTION made by Warren, seconded by Myers to forward to the Village Board with a positive recommendation authorizing the purchase of a traffic signal cabinet for the Appleton Avenue and County Line Road intersection from TAPCO for a total of \$6,586 and electrical labor and material services from Outdoor Lighting for a total of \$3,400. Funds to be allocated from Acct. #10-542-570-8100.

Motion carried unanimously.

AUTHORIZATION FOR BLANKET PURCHASE ORDER – MATERIAL PROCESSING – RECYCLING CENTER: Supt. Zimmerman requested approval to generate a blanket purchase order for continued material processing at the Recycling Center for year 2018.

MOTION made by Warren, seconded by Myers to forward to the Village Board with a positive recommendation to approve the allocation of an amount not to exceed \$18,500 in the form of a blanket purchase order to Max R Recovery for the continuing material processing at the Recycling Center. Funds to be allocated from Acct. #10-546-570-7960. Motion carried unanimously.

AUTHORIZATION TO PURCHASE – ADJUSTABLE FREQUENCY DRIVES – MAIN STREET & OLD FARM LIFT STATIONS: Supt. Zimmerman solicited proposals from three area control integration companies for the replacement of the adjustable frequency drives for the pumps at the Main Street and Old Farm Lift Stations. The current drives were no longer serviceable. Pricing ranged from \$54,525.00 to \$64,900.00.

MOTION made by Myers, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the purchase of 5 Rockwell Adjustable Frequency Drives from Starnet Technologies in the amount of not to exceed \$57,525 for the pumps at the Main Street and Old Farm Lift Stations. Funds to be allocated from Acct. #60-180-184-3230.

Motion carried unanimously.

AUTHORIZATION TO APPROVE WPDES (MS4 ANNUAL REPORT) & MMSD CHAPTER 13 ANNUAL REPORT: Dir. Ratayczak submitted for review and approval the WPDES and MMSD Chapter 13 Annual Reports.

MOTION made by Myers, seconded by Warren to forward to the Village Board with a positive recommendation to approve the 2017 WPDES (MS4 Annual Report) & MMSD Chapter 13 Annual Report and authorize signature by the Village President for submission to the WDNR & MMSD.

Motion carried unanimously.

REQUEST TO APPROVE \$1,318.19 CONTRIBUTION TO SWEET WATER REGIONAL NR216: As part of the NR216 Permit requirements, the Village's contribution is

pooled with other southeast WI municipalities and non-government organizations providing storm water pollution public education effort.

MOTION made by Warren, seconded by Myers authorizing the expenditure of \$1,318.19 toward the Year 2018 SWEET Water Regional NR216 Education & Outreach Efforts for the Village's MS4 Storm Water Permit.

Motion carried unanimously.

FINALIZED LIST OF 2018 STREET PROJECTS – DISCUSSION AND POSSIBLE ACTION: Engr. Laning provided the Committee with a list and map of the finalized, proposed street locations for 2018. Detailed were the types of improvements at those locations. Estimated totals for the work were at \$1.8 million. \$1.5 million was budgeted in 2018. Engr. Laning further explained there were funds (\$300,000) carried over from previous years road projects but final payments still needed to be addressed for the 2014 and 2015 Road Projects. It was estimated there was \$1.7 million to work with. If the low bid came in at \$1.8 million, the Committee would have to consider dropping Deppert Road or the Creekview Lane/Merkel Drive pulverize and overlay areas.

Committee discussion included:

- Wasaukee Road improvements were moved to 2018 and the Village applied for local road improvements funding. When \$380,000 is spent, the Village receives a \$57,000 refund from the State within a year or two; one requirement to receive the money is that the project has to be complete and finalized and retainage released.
- Final surface course has been eliminated on Concord Road in year 2018 until municipal water was installed; there are no plans at this time for municipal water.
- Binder and surface course should be completed in the Woodland Manor Subdivision as a survey of the residents did not want municipal utilities.
- Engr. Laning would advertise upon approval of the Committee. With the use of LRIP funds this year, the advertisement will include a notation about using the MZIP funds, etc. The target date to advertise would be at the end of February and bidding the project early March.

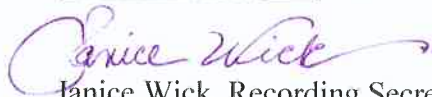
MOTION made by Warren, seconded by Myers to approve the 2018 roads list as presented.

Motion carried 2 -1 (Zabel)

NEXT MEETING DATE: The next Public Works and Highway Committee meeting will be held **TUESDAY**, March 6, 2018 at 5:30 p.m.

ANNOUNCEMENTS: Dir. Ratayczak announced this would be the last Public Works meeting with Engr. Laning. Engr. Laning's last day of work was Friday, February 9th. Staff had wished him well in the private sector.

ADJOURNMENT: There being no further business, the meeting was adjourned at 7:08 p.m.



Janice Wick, Recording Secretary

SPECIAL

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

February 19, 2018

Village Hall Board Room

CALL: Chm. Kaminski called the meeting to order at 6:35 p.m.

ROLL CALL: Chm. Kaminski, Trustee Members Campbell, Warren and Zabel. Also present were Dir. Ratayczak.

DISCUSSION & APPROVAL TO EXCEED BUDGET LINE ITEM – SOLID WASTE RECYCLING – ACCT. # 40-567-570-8400 (COMPOST SCREENER) Public Works Director Ratayczak requested approval to exceed the Solid Waste Recycling line item by \$5,000 in order for the department to purchase a new (demo) compost screener. For a better understanding of the equipment, a video was shown of a compost screener in operation.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation to approve exceeding Budget Line Item – Solid Waste Recycling Acct. #40-567-570-8400 to \$65,000.

Motion carried unanimously.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the purchase of one demo class Compost Screener from Revolver Screening Systems for \$64,850.00

Motion carried unanimously.

ADJOURNMENT: There being no further business, the meeting was adjourned at 6:42 p.m.

Lawrence Ratayczak, P.E.
Director of Public Works

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Consideration to Adjust 4th Quarter Sewer & Water Invoice for Brian & Anna Gresser, N104 W16300 Hedge Way

SUBMITTED BY: Lawrence W Ratayczak, P.E., Director of Public Works

SUMMARY EXPLANATION:

Brian & Anna Gresser reside at N104 W16300 Hedge Way. Anna Gresser brought this to the Villages attention by telephone call and emails (emails attached). The email describes surprise for the large invoice in the 4th quarter of 2017. They have three children and two adults living in the residence. A Water Utility technician was sent to the residence on January 26, 2018 to determine the cause of the large water consumption. The technician determined that the water softener was leaking through a hose to the basement drain. The technician put the water softener into by-pass mode and installed a new meter. A follow up meter reading on February 26, 2018 indicated a use of 5,000 gal which would appear to be back into a normal range for this household. Technicians report is attached. Owners moved into the house in February 2017 so a full year of use is not available.

Normal average water usage for the 4th Quarter is not available due to less than 1 year of occupancy. The water use for the 4th Quarter of 2017 was 150,000 gallons. The estimated over average use was 105,000 gallons. The cost for the over average water use is \$2.29/1,000 gallons times 105,000 gallons or \$240.45. The cost for the over average sewer use is \$6.913/1,000 gallons times 105,000 gallons or \$725.87. In addition, looking ahead since the issue with the water softener was not corrected until February 26, 2018 staff looked at the overage from the last meter read/billing date of December 12, 2017 to February 26, 2018. The estimate overage will be 39,000 gallons. The cost for the over average water use is \$2.29/1,000 gal times 39,000 gal or \$89.31. The cost for the over average sewer use is \$6.913/1,000 gal times 39,000 gal or \$269.61.

The total summary is: water; $\$240.45 + \$89.31 = \$329.76$
Sewer; $\$725.87 + \$269.61 = \$995.48$

ATTACHMENT: ORDINANCE____ RESOLUTION____ OTHER X

Email from Anna Gresser
1-year Utility bill summary
Utility technicians report

RECOMMENDATION:

Staff is looking to the Public Works and Highway Committee for direction with regards to a possible reduction in the 4th Quarter (2017) & 1st Quarter (2018) sewer & water invoice for Brian & Anna Gresser, N104 W16300 Hedge Way.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

Lawrence Ratayczak

From: Anna Gresser <annamgresser@gmail.com>
Sent: Wednesday, January 31, 2018 1:27 PM
To: Lawrence Ratayczak
Subject: Water Bill

Good Afternoon,

Val at the Utilities Office gave me your contact information, and I am hoping that you can help me.

My husband and I purchased our home on Hedge Way less than a year ago after renting in Germantown for 2 years.

Our most recent water bill was \$1,419.73, and we had never received a bill that high before. An employee of the Utility Department was kind enough to come to our home last week, and discovered that our water softener had a leak in it, and that was what caused such high water consumption. We were not aware of any malfunction.

Is there any possibility that you can provide some relief from this bill? We are new homeowners with three children ranging in age from 7 months old to 15, and we did not anticipate this bill.

I am in no way saying that it is Germantown's fault or error, just hoping that you may be able to help us by forgiving part of it.

Can you please let me know if this is a possibility?

I appreciate your consideration.

Thanks,
Anna Gresser
414.430.2662
N104W16300 Hedge Way
Account # 0027424100-00

DATE RUN: 02/09/18
TIME RUN: 07:50:52
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE 1

FROM DATE: 12/01/2016
TO DATE: 02/09/2018

Gresser 2/28/17

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT

0027424100-00 BRIAN & ANNA GRESSER	N104 W16300 HEDGE WAY			

12/29/16	WATER	ACT	1	17.56
12/29/16	SEWER	ACT	1	46.92
01/10/17	PAYMENT: CK CHECK			64.48-
03/31/17	WATER	ACT	2	19.85
03/31/17	SEWER	ACT	2	53.84
04/17/17	PAYMENT: CC ONLINE			73.69-
06/30/17	WATER	ACT	32	88.55
06/30/17	SEWER	ACT	32	53.84
07/28/17	PENALTY ON 06/30/17 BILLING			1.42
08/10/17	PAYMENT: CC ONLINE			143.81-
09/29/17	WATER	ACT	58	148.09
09/29/17	SEWER	ACT	58	53.84
10/23/17	PAYMENT: CC ONLINE			203.95-
10/24/17	PENALTY ON 09/29/17 BILLING			2.02
12/28/17	WATER	ACT	150	342.77
12/28/17	SEWER <i>12/12/17</i>	<i>674</i> ACT	150	1,076.96
		<i>779</i>	BALANCE:	1,419.73 *

45 dump
30 dump
45 dump
Meter change 1/26/18
Reading 2/26/18
753
0
5
5
84,000 w/ 2/26/18

→ Moved into hse in Feb. 2017

Ave. use for 2nd + 3rd quarter → 45,000 gal.
(32 + 58 = 90 ÷ 2 = 45)

Overage for 4th quarter: 150 - 45 = 105,000.

Wtr → 105 × \$2.29 = \$240.45
SWr → 105 × \$6.913 = \$725.87
TOTAL = \$966.32

TOTALS	
Wtr →	\$329.76
SWr →	\$995.40

FUTURE BILLING
Overage for 1st quarter up to determine water softener issue
(Dec. 12, 2017 → Feb. 26, 2018) 79 - 40 = 39
Wtr → 39 × \$2.29 → \$89.31
SWr → 39 × \$6.913 → \$269.61

VILLAGE OF GERMANTOWN
WATER REQUEST FOR SERVICE

Caller Name: Anna Gresser

Address: N104W16300 HEDGE WAY

Village:

State:

Zip:

Caller Phone: 414-430-2662

Taxkey: GTNV_274241

Date: 1/26/2018

Time: 10:50

Call Received By: Val

Responsibility: Property Owner

Service Call Done By:

Nature of Complaint

Other,

High water usage

Action Taken

Other,

Father of Anna let our water operator Eric in, Water softener was leaking through a hose into the basement drain. No other leaks detected. Current water meter functioned normally.

Recent Maintenance

Put water softener into bypass mode, informed Val(Germantown) and Called Mrs. Greaser of findings. Installed new Metron Meter.

[Edit](#)[New Request](#)[Delete](#)[Print](#)

Select a category to upload:

Select...

Attached Files

	Year	Description
--	------	-------------

No Files Found

[Close](#)

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business **B**

ITEM TITLE: Discussion/Authorization – Odor Complaint- W140
N10337 Fond du Lac Avenue

SUBMITTED BY: Lawrence Ratayczak, P.E.- Director of Public Works

SUMMARY EXPLANATION:

The property owners of W140 N10337 Fond du Lac Avenue have submitted a claim for cost that they incurred during the investigation and mitigation of an odor within their house. The speculative blame for this odor is the Village's 48-inch sanitary sewer interceptor pipe which crosses the front of their property. The pipe is within the road ROW. This pipe was lined in 2016 as part of the ongoing project to line the entire 48-inch interceptor pipe. The property owner has made claim that the odor started with the lining of the interceptor pipe. The resident has also indicated the presence of sewer gas, odor, in their yard. The property owners claim is attached and said claim has also been submitted to the Village's insurance carrier. The insurance carrier is investigating the submitted claim. The issue is brought to the PWHC this evening to present the claim for information purposes and to give the property owners, Mary & Donald Schulteis an opportunity to speak and present their reason for the claim of damages.

During the odor claim time frame the Waste Water Utility superintendent made several visits to the residence. He noticed a sewer odor on the outside of the residence which was coming from the sanitary house plumbing vent pipe on the roof of the house. This is the normal location for the sewer system to vent. The superintendent recommended the installation of a short section of pipe onto the vent to extend the pipe further from the roof. Time passed, and the odor complaint appeared to advance into the house. During the time that the plumbing contractor, hired by the owners, was working in the house to investigate the source of the odor, the utility superintendent placed a multi-gas monitor in the house for a 24-hour period. The gas monitor recorded no dangerous gas that would be produced by the sanitary sewer system. This is the same monitor used by utility staff to make entry into confined spaces, such as manholes and pump stations. With no positive detection of a source of the odor within the home, the plumbing contractor, Mid-City Plumbing, decided to install a running trap. A running trap, as shown in the claim, is simply a water trap, to act as a valve to stop odor from advancing from the sanitary sewer pipe. This still in my opinion does not eliminate the possibility of interior plumbing defects within the home. It should also be pointed out that, although a matter of opinion, the odor in the house smelled different than the odor outside.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

-Claim submitted by property owner

RECOMMENDATION:

Staff recommends Public Works & Highway Committee table this item until such time staff brings this items back to committee with the determination of the Village Insurance company.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

February 6, 2018

PUBLIC WORKS COMMITTEE MEETING

AGENDA ITEM: Sewer Gas Odor inside the Home of Donald and Mary Schulteis W140 N10337 Fond du Lac Avenue, Germantown, WI Caused by the Sewer Main located on Fond du Lac Avenue in front of their Home.

We begin this letter asking for your help. We have literally been dealing with a very "crappy" situation, as our house had sewer gas entering it. We reached out to the village initially when we detected the presence of sewer gas in the summer of 2017, about 15 months after a lining of the main sewer pipe in front of our house was installed. Initially, the smell was weak and would come and go infrequently. We were told nobody else had issues (we were an anomaly) - it was something internal to our house. Hence, we began the process working with plumbing professionals to solve the problem. They ran several diagnostic tests and tried various things to detect where the leak was and eliminate it.

Most recently, the gas smell became extremely strong, causing nausea if we were around it for too long. It too would come and go, strongest in the morning from around 5:30-7:30 am and during the evening around 6 - 8:00 pm. Matt, Tom, and the professional plumbing staff at Mid-City Plumbing reached out to Larry and Tim (Village of Germantown staff), trying to pinpoint the issue, as no interior plumbing issues were detected. (Please see the itemized invoice from Mid-City plumbing and thorough work completed by them.) Larry and Tim from the village both detected the presence of sewer gas during a site visit; since Mid-City plumbing was unable to find an interior problem with our plumbing, Tim suggested plugging our lateral sewer pipe leading into our house. If the exterior work/pipe lining the village completed was the origin of the sewer smell, then the smell would be gone if the pipe was blocked. The smell was gone when the plug was in our lateral pipe.

Mid-City Plumbing recommended a "running trap" be placed in our lateral pipe as a stop-gap measure. So far, it has prevented the gas, but we do not know how long this solution will last, as the original cause of the problem still exists. We would suggest a camera be inserted in our manhole cover to see the connection of the main sewer with our lateral sewer pipe to assess the patency of the lining. We are not engineers, but logically there is a problem that causes the gas to enter our lateral. Our suggestions would be for the village to extend our lateral through the liner and seal it completely around the extension. This is only a suggestion of many that we hope would be considered to address this problem.

Most recently during this ordeal when the level of the detectable sewer gas was intolerable, my husband was released from the hospital after successful open-heart surgery. We could not return to our house, as the smell was unbearable and not conducive to recovery. We stayed at a local hotel while testing was completed and a running trap was placed. Please note there is a letter enclosed from the Surgeon's office stating that Donald could not return after Open Heart Surgery to a home with sewer gas smell.

After a very long and frustrating time, we are only requesting the village pay for expenses incurred related to the sewer gas smell: plumbing invoices, hotel stay and carpet repair. (Carpeting in the basement was torn apart to place the running trap.) These expenses would not have occurred if it were not for the sewer gas smell related the sewer main in front of our home.

Thank you for your consideration and addressing this situation to prevent further problems.

Don & Mary Schulteis

TIMELINE

We first detected the odor during the **summer of 2017**. There was a smell in our basement bathroom which adjoins the laundry room. I thought it was just bathroom odor and would spray room deodorizer. I later thought it was the drains so I poured water and bleach down them. Also, poured water down our sump pump along with bleach - **the odor persisted - every two to three days** I would notice it. I also bought multiple jars of "Fresh Wave" to help absorb the odor.

September 9, 2017 This was the first time I noticed the odor coming out of the overflow holes in our sink in the upstairs bathroom. I know this date because I found my computer history of when I searched for bathroom sink odor. I poured bleach down the holes - odor persisted.

September 12, 2017 Our son-in-law stayed over night and I again noticed the strong odor - this time I had my husband remove the sink - no problem with the traps - we took it outside and flushed it completely with bleach (I was ready to buy a new sink) odor persisted.

September 13, 2017 We hired Wilkes Plumbing to replace the wax ring in our upstairs toilet in case the odor was from the toilet.

After September 13, 2017 the intensity and duration of this smell increased as time went on. WE NOTICED THE ODOR USUALLY OCCURRED BETWEEN 5:30 and 7:30 a.m. and 6:00 - 8:00 p.m. - (it dissipated during the day). About this time my husband contacted Tim Zimmerman, Superintendent of Wastewater Utility, he stated we had to put an extension onto our vent pipe. He stated a home and church in the area put the extensions on their vent pipes. Our neighbor who extended his vent had to remove it due to condensation in winter freezing and blocking his vent. We have lived in this house for 47 years with the same vent pipe without a problem. Wilkes Plumbing stated the extension would not help.

Week of September 18th My husband then contacted neighbors along highway 145 and Donges Bay - many of them were having issues with sewer gas outside their homes (we also had odor outside) and Steve McKenzie was experiencing sewer odor inside his home.

Out of town September 22 -27th

Week of October 1 met at Steve McKenzie's home with Frank from the Village and Larry Ratayczak, Director of Public Works, to discuss sewer gas problem.

Early October spent a lot of time at Froedtert Hospital with brother who has since passed away.

October 19, 2017 Matt from Mid-city Plumbing stops at home to survey the situation. Matt also stated increasing the height of the vent pipe would not solve the problem.

October 23, 2017 Drew From Mid-city Plumbing replaces wax ring on basement toilet - "This is the worst smell I have ever smelled when replacing a toilet" per daughter Angela (We are at hospital due to Don's heart attack 10/20 awaiting open Heart Surgery on 10/25) Odor persist

October 23, 2017 Daughter, Amy Jo, from California visits and stays overnight - "You can't stay here - the sewer gas smell is toxic" From then on I stay at daughter Susan's home in Hartland until Don is released from the hospital on November 1- we reside at the Hilton Home 2 Suites in Menomonee Falls

Mid- city plumbing continues to check our plumbing in the house for problems with our system (ie smoke test, camera test etc) Our plumbing appears to be intact.

November 8, 2017 10:00 a.m. Matt and Tom from Mid-City Plumbing meet with Larry and Tim from the village. Tom enters our home and immediately smells sewer gas We are told we are an "anomaly" not sure why we have sewer gas in our home. As we are standing in the driveway - there is a strong smell of sewer gas outside- we have not used the facilities in our home since October 24. Manhole outside our home will be vented and an air quality meter will be placed on the sink in our downstairs bathroom.

November 9, 2017 Tim calls to pick up air quality meter. He puts his head by the drywall opening in the basement bathroom - he states he smells an awful smell by the pipes - "I didn't put my head in there before" He suggest we put a plug in the lateral to confirm that our house is not producing the sewer gas - he will call Mid-City Plumbing

Not sure about date or time but shortly after. Tim reported to Matt from Mid-city Plumbing that the smell he smelled was Cat Pee (we have never had a Cat in our Home for the 47 years that we have lived here)

November 10, 2017 Plug is placed in the lateral in a.m.- septic system is inoperable 5:30 p.m. No sewer odor in the basement.

November 11, 2017 Plug is in - 6:16 - 7:15 a.m. No sewer odor
6:00 p.m. No sewer odor

November 12, 2017 Plug is in - 7:30 - 8:45 a.m. No sewer odor
6:15 p.m. No sewer odor - slight odor outside the house

November 13, 2017 Plug is in - 5:45 a.m. No sewer smell in the house, 6:15 a.m. sewer odor in the front yard

November 14, 2017 Plug removed and Running Trap put in basement - No sewer smell

-moved back into our home No Sewer smell since then 11/14 -11/23
The following is a direct quote from the Germantown Web site concerning placement of the sewer liner in front of our home.

Why is this work being done?

Through inspection and condition assessment, the Village has identified severe levels of microbial induced corrosion (MIC) on these line segments.

Rehabilitation now will minimize MIC formation in the future, and because it was identified early, it allows us to use "trenchless repair" vs. traditional open cut .

During the lining process in March 2016 we had our drains and toilets sucked dry 3 times which Visu- Sewer said "that shouldn't happen", sewer backed up in the basement and a strong smell of acetone throughout our home. Now we have sewer gas in our basement which we are told "that shouldn't happen".

We have had extensive sewer bills to document that the problem is not with our home. Our home has been uninhabitable due to the smell during a very stressful time in our lives which necessitated staying at a hotel for almost 2 weeks (per surgeon's recommendation - see attached letter) until testing and a "running trap" could be placed to prevent the sewer gas from the main in front our home from backing up into our lateral. Our carpet in the basement had to be torn up to place the running trap and dry wall had to be cut to perform the smoke test.

We are asking for reimbursement for these expenses as well as a commitment from the Village of Germantown that they will fix the problem where our lateral joins the main sewer in front of our home. The running trap is only a temporary solution to the problem.

**MCW - WISCONSIN HEART GROUP BRK
CARDIOTHORACIC SURGERY, WISCONSIN HEART GROUP
16650 W Bluemound Rd
Brookfield WI 53005**

Name: Donald Schulteis
DOB: 8/18/1944
MRN: 09548838

To whom it may concern,

Mr. Donald Schulteis is a patient of ours. He was discharged from the hospital on 11/1/2017 after coronary artery bypass surgery. He was unable to return safely home at the time due to concerns of sewer gas in the house. For that reason he went to an extended stay hotel until the problem was resolved.

If you have any questions please do not even hesitate to contact me.

Sincerely,


Tammy Lynn Albello, APNP
262-253-3890

HOME2

SUITES BY HILTON

HOME2 SUITES BY HILTON MENOMONEE FALLS
 N91 W15851 Falls Parkway
 Menomonee Falls, WI 53051
 Phone (262) 737-7100 - Fax (262) 737-7101
 menomoneefallsmilwaukee.home2suitsbyhilton.com

Name
 Address

SCHULTEIS, DONALD MARY
 W140N10337 FOND DU LAC
 GERMANTOWN WI 53022
 UNITED STATES OF AMERICA

Room
 Arrival Date
 Departure Date

112/NKSQE
 11/1/2017 2:18:00 PM
 11/14/2017 11:24:00 AM

Adult/Child
 Room Rate

1/0
 94.00

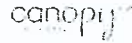
Rate Plan:
 HH #
 AL:
 Car:

LV7
 842776572 BLUE

Confirmation Number: 86738951

11/14/2017

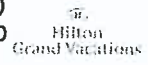
DATE	REFERENCE	DESCRIPTION	AMOUNT
11/9/2017	61931	LODGING TAX 8%	\$7.52
11/9/2017	61931	STATE TAX 5.1%	\$4.79
11/10/2017	62039	GUEST ROOM	\$94.00
11/10/2017	62039	LODGING TAX 8%	\$7.52
11/10/2017	62039	STATE TAX 5.1%	\$4.79
11/11/2017	62127	GUEST ROOM	\$94.00
11/11/2017	62127	LODGING TAX 8%	\$7.52
11/11/2017	62127	STATE TAX 5.1%	\$4.79
11/12/2017	62223	GUEST ROOM	\$94.00
11/12/2017	62223	LODGING TAX 8%	\$7.52
11/12/2017	62223	STATE TAX 5.1%	\$4.79
11/13/2017	62341	GUEST ROOM	\$94.00
11/13/2017	62341	LODGING TAX 8%	\$7.52
11/13/2017	62341	STATE TAX 5.1%	\$4.79
11/14/2017	62445	VS *0501	(\$1,382.03)
		BALANCE	\$0.00








ACCOUNT NO. VS *0501	DATE OF CHARGE 11/14/2017	FOLIO NO. / CHECK NO. 40421 A
CARD MEMBER NAME SCHULTEIS, DONALD MARY	AUTHORIZATION 209014	INITIAL
ESTABLISHMENT NO. LOCATION	PURCHASES SERVICES	
	TAXES	
	TIPS MISC.	
CARD MEMBERS SIGNATURE X	TOTAL AMOUNT	-1,382.03

MERCHANDISE AND/OR SERVICES PURCHASED ON THIS CARD SHALL NOT BE RESOLD OR RETURNED FOR A CASH REFUND. PAYMENT DUE UPON RECEIPT

Pg 1



HOME2 SUITES BY HILTON MENOMONEE FALLS
 N91 W15851 Falls Parkway
 Menomonee Falls, WI 53051
 Phone (262) 737-7100 - Fax (262) 737-7101
 menomoneefallsmilwaukee.home2suitsbyhilton.com

Name
 Address

SCHULTEIS, DONALD MARY
 W140N10337 FOND DU LAC
 GERMANTOWN WI 53022
 UNITED STATES OF AMERICA

Room
 Arrival Date
 Departure Date

112/NKSQE
 11/1/2017 2:18:00 PM
 11/14/2017 11:24:00 AM

Adult/Child
 Room Rate

1/0
 94.00

Rate Plan:
 HH #
 AL:
 Car:

LV7
 842776572 BLUE

Confirmation Number: 86738951

11/14/2017

DATE	REFERENCE	DESCRIPTION	AMOUNT
11/1/2017	59740	GUEST ROOM	\$94.00
11/1/2017	59740	LODGING TAX 8%	\$7.52
11/1/2017	59740	STATE TAX 5.1%	\$4.79
11/2/2017	59914	GUEST ROOM	\$94.00
11/2/2017	59914	LODGING TAX 8%	\$7.52
11/2/2017	59914	STATE TAX 5.1%	\$4.79
11/3/2017	60048	GUEST ROOM	\$94.00
11/3/2017	60048	LODGING TAX 8%	\$7.52
11/3/2017	60048	STATE TAX 5.1%	\$4.79
11/4/2017	60148	GUEST ROOM	\$94.00
11/4/2017	60148	LODGING TAX 8%	\$7.52
11/4/2017	60148	STATE TAX 5.1%	\$4.79
11/5/2017	60274	GUEST ROOM	\$94.00
11/5/2017	60274	LODGING TAX 8%	\$7.52
11/5/2017	60274	STATE TAX 5.1%	\$4.79
11/6/2017	60429	GUEST ROOM	\$94.00
11/6/2017	60429	LODGING TAX 8%	\$7.52
11/6/2017	60429	STATE TAX 5.1%	\$4.79
11/7/2017	60598	GUEST ROOM	\$94.00
11/7/2017	60598	LODGING TAX 8%	\$7.52
11/7/2017	60598	STATE TAX 5.1%	\$4.79
11/8/2017	60751	GUEST ROOM	\$94.00
11/8/2017	60751	LODGING TAX 8%	\$7.52
11/8/2017	60751	STATE TAX 5.1%	\$4.79
11/9/2017	61931	GUEST ROOM	\$94.00
ACCOUNT NO.			DATE OF CHARGE
VS *0501			11/14/2017
CARD MEMBER NAME			FOLIO NO. / CHECK NO.
SCHULTEIS, DONALD MARY			40421 A
ESTABLISHMENT NO. LOCATION			AUTHORIZATION
			209014
			INITIAL
			PURCHASES SERVICES
			TAXES
			TIPS MISC.
CARD MEMBERS SIGNATURE			TOTAL AMOUNT
X			-1,382.03
MERCHANDISE AND/OR SERVICES PURCHASED ON THIS CARD SHALL NOT BE RESOLD OR RETURNED FOR A CASH REFUND.			PAYMENT DUE UPON RECEIPT

Pg 2

WILKES PLUMBING, INC.

Invoice

PO Box 641
Slinger, WI 53086Phone # 262-644-7045
Fax # 262-644-7046

wilkesplumbing@yahoo.com

Date	Invoice #
9/19/2017	20582

Bill ToSchulties, Don
W140N10337 Fond Du Lac Ave
Germantown, WI 53022

P.O. No.

Terms

Project

Water Closet

UPON RECEIPT

Quantity	Description	Rate	Amount
	Pull and re-set hall bath water closet Installation of extension ring on closet collar Trip charge \$59.95 Labor \$78.75 Material \$24.00 Net balance due: \$162.70 As required by the WI Construction Lien Law, Builders hereby notifies owner that persons or companies furnishing labor or material for the construction on owner's land may have lien rights on owner's land and building if not paid in full. If legal action is commenced to collect amounts due hereunder, the customer shall pay Wilkes Plumbing Inc reasonable attorneys fees and cost of collection. Past Due amounts are subject to a finance charge at the max. rate allowed by state law or 6% whichever is greater	162.70	162.70
Phone 262-644-7045/Fax 262-644-7046		Total	\$162.70

10273
10/1/2017



Don and Mary Schulteis
W140 N10337 Fond du Lac Avenue
Germantown, WI 53022

<u>Date</u>	<u>Mid City Employee</u>	<u>Work Performed / Notes:</u>
October 18, 2017		Initial call by Don to report a sewer gas smell in the home. The sewer gas smell was coming from the basement and the main bathroom.
October 19, 2017	Matt	Dispatched to residence for strong sewer gas smell. Found a loose water closet in the basement. Customer wanted water closet changed out to ADA-height toilet.
October 23, 2017	Drew	Replaced existing water closet with ADA-height toilet.
October 25, 2017		Mary called our office and stated that the sewer gas smell was still noticeable in the house.
November 2, 2017	Drew	Televised the building drain. Sewer is PVC and appeared to be in good condition.
November 3, 2017	Jerry	Investigated other areas in the house to find a cause of the sewer gas smell. None found.
November 6, 2017	Pete / Ray	Smoke tested the house sewer. No issues found.
November 7, 2017	Matt	Took the water closet that was installed 10.23.17 off and removed the existing closet collar. Glued in new pipe and capped off the pipe.
November 8, 2017	Tom Z / Matt	Met with Tim Zimmerman from the Village of Germantown Sewer Department and the Village of Germantown Engineer. They suggested capping off the sewer and doing a second smoke test.
November 10, 2017	Pete / Ray	Removed the concrete, capped the sewer, and smoke tested the house sewer again. No leaks or issues found.
November 14, 2017		Discussed with Mary if there was any sewer gas smell. She stated there was none when she came to the home each day / night to check. Customer was staying in a hotel during this time.
	Pete / Ray	Installed a running trap. Had Mary once again check for sewer gas smell. No gas was found.
December 4, 2017	Jerry	Instaled a new closet collar and water closet.
December 5, 2017	Pete / Ray	Finished concrete work.
From the initial call on October 18, 2017 until we capped off the sewer on November 10, 2017, Mary stated she smelled sewer gas. After the running trap was installed, there was no sign of sewer gas smell.		



12930 W. Custer Avenue
Butler, WI 53007
www.midcityplumbing.com

Phone 262.781.5940
Fax 262.781.4005
MP 226410

INVOICE

Invoice Number: 84031
Invoice Date: Jan 16, 2018
Page: 1

Bill To:
DON SCHULTEIS W140 N10337 FOND DU LAC AVE GERMANTOWN, WI 53022

Work Performed At:
DON SCHULTEIS W140 N10337 FOND DU LAC AVE GERMANTOWN, WI 53022

Customer ID	Customer PO	Payment Terms	
SCHULTEIS		Net 30 Days	
Ordered By	MCPH Job Number	Date Ordered	Payment Due
	1017-097	10/19/17	2/15/18

Quantity	Description	Unit Price	Amount
	INVESTIGATED SEWER GAS SMELL.		
2.00	WAX RINGS	3.18	6.36
5.00	1/4" X 2" NAIL-INS	0.40	2.00
1.00	20" BRAIDED WATER CLOSET SUPPLY	9.77	9.77
1.00	4" X 3" CLOSET COLLAR	6.05	6.05
4.00	FT - 4" SCH. 40 PVC PIPE	3.02	12.08
4.00	4" SCH. 40 PVC 45	11.65	46.60
2.00	4" FERNCO	10.95	21.90
2.00	SMOKE TESTS	600.00	1,200.00
13.00	BUCKETS - STONE	1.20	15.60
1.00	BAG - QUIKRETE	5.25	5.25
1.00	6" CHROME CLEANOUT COVER	15.47	15.47
1.00	VILLAGE OF GERMANTOWN PERMIT FEE	60.00	60.00
	USE OF SEWER CAMERA		250.00
24.75	HOURS LABOR	110.00	2,722.50

Check/Credit Memo No:	Subtotal	4,373.58
	Sales Tax	
	Total Invoice Amount	4,373.58
	Payment/Credit Applied	
	TOTAL	4,373.58

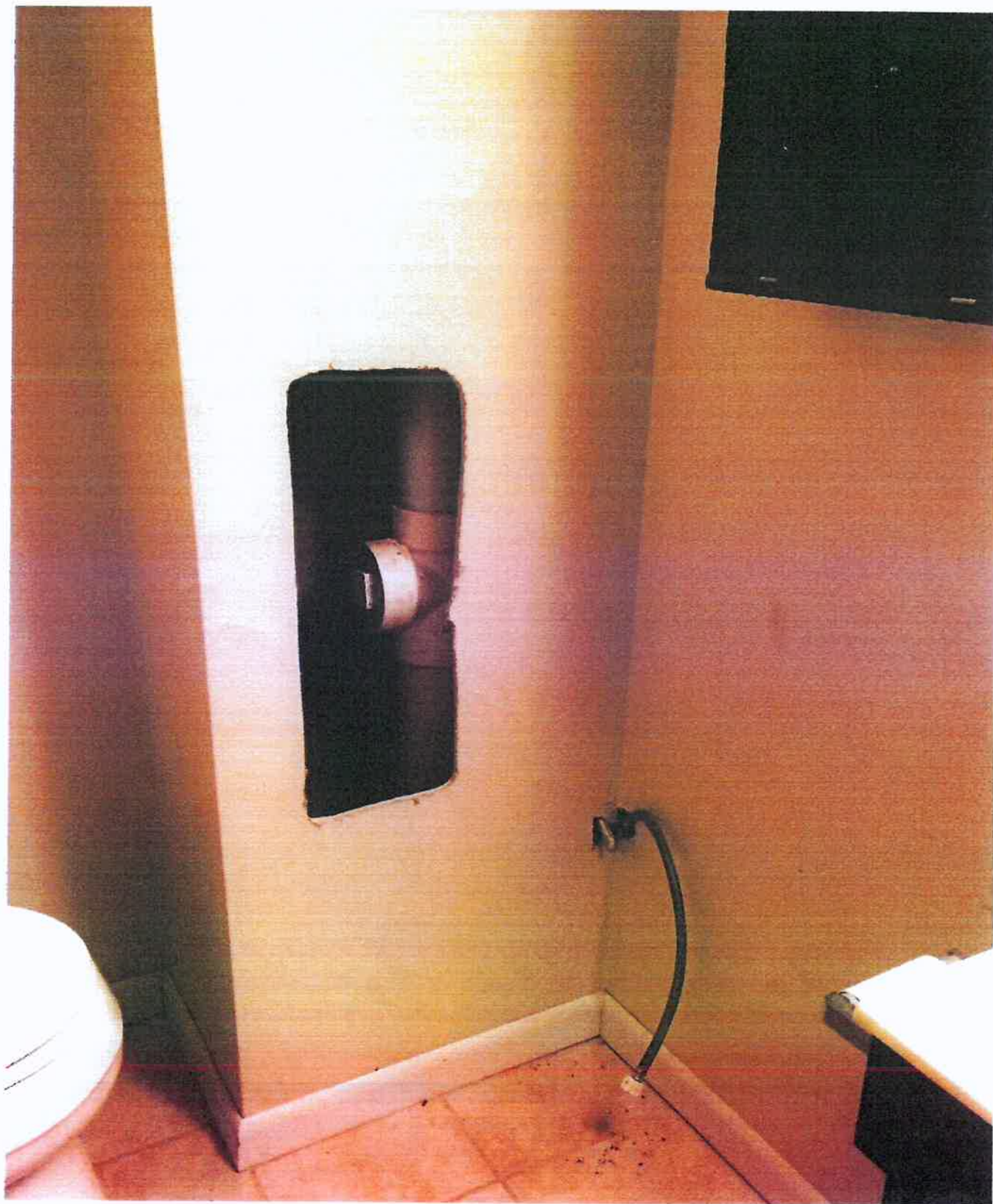
"As required by the Wisconsin construction lien law, builder hereby notifies owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and building if not paid. Those entitled to lien rights, in addition to the undersigned builder, are those who contract directly with the owner or those who give the owner notice within 60 days after they first furnish labor or materials for the construction. Accordingly, owner probably will receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice received to the mortgage lender, if any. Builder agrees to cooperate with the owner and the owner's lender, if any, to see that all potential lien claimants are duly paid." 1.5% service charge will be added to all accounts due 30 days or more. 18% per annum.

ITEMIZED LIST OF EXPENSES

This is an itemized list of expenses incurred while determining that our plumbing is intact and the smell of sewer gas was not from our home. The sewer gas was entering our home from the Forced Sewer Main on Fond du Lac Avenue.

Wilkes Plumbing	\$162.70
Temporary Carpet Repair (Bob Vanderbloom -thru Malkins)	\$125.00
Mid-City Plumbing	\$4,373.58
Hilton 2	\$1,383.03
Total	\$6,044.31

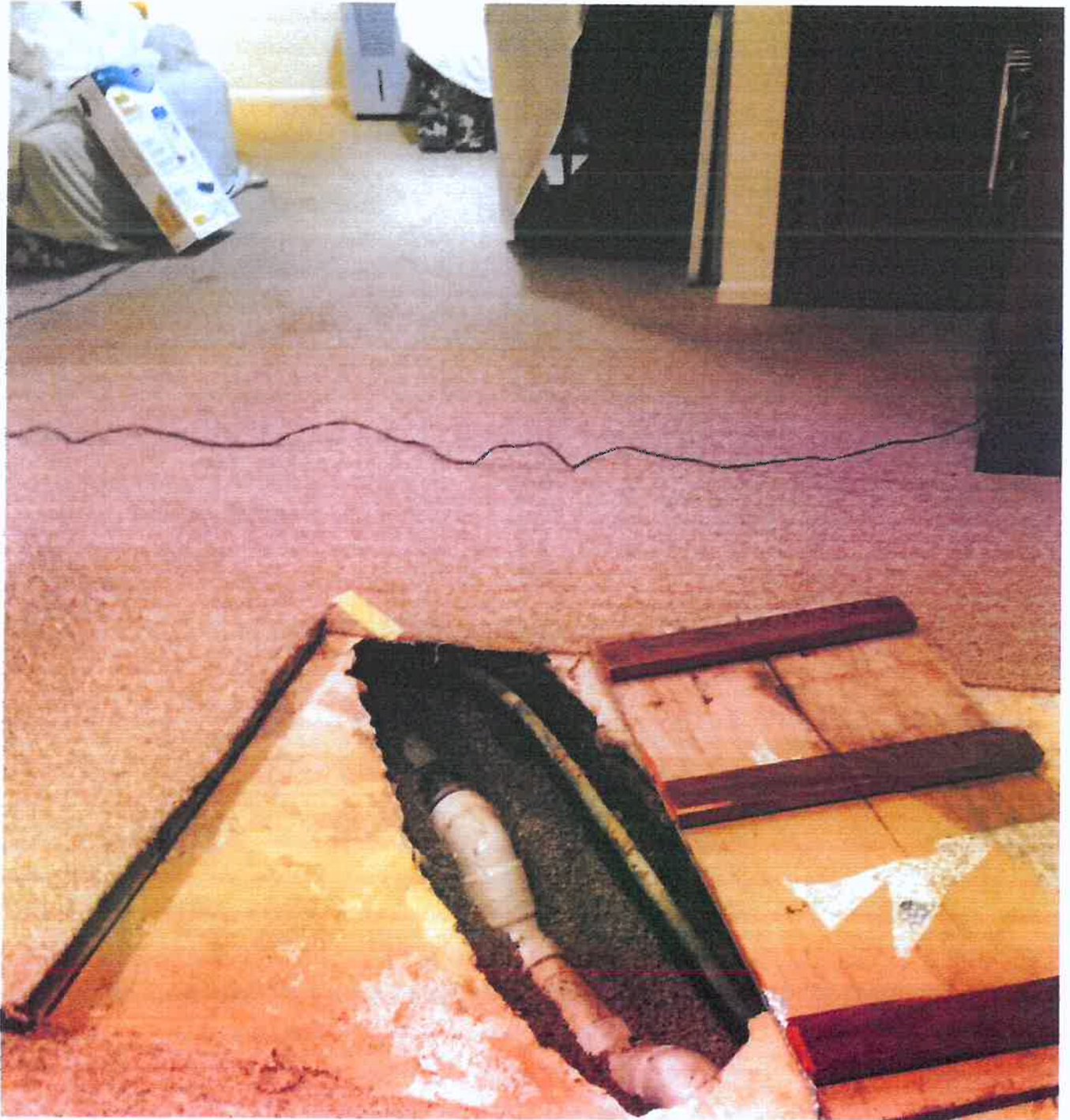
From: **Mary Schulteis** maryschulteis@yahoo.com
Subject: **Dry wall**
Date: **November 21, 2017 at 06:48**
To: **DMSchulteis46@hotmail.com**



From: **Mary Schulteis** maryschulteis@yahoo.com
Subject: **Sewer**
Date: **November 16, 2017 at 06:05**
To: **DMSchulteis46@hotmail.com**



Running Trap



**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6th, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Authorization to **replace** existing panel view at Well #4

SUBMITTED BY: Paul Haugen, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting authorization to pay the invoice for the purchase of a replacement Panel View at Well #4. This work was authorized under an emergency situation because the panel view screen stopped working and could not be repaired. This piece of electronic hardware is used as our touch screen interface giving us a visual representation of its current input data needed for well control operations.

Terminal-Andréa 2110 West Clybourn St, Milwaukee, WI 53233-2510 \$4,190.00

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

Staff recommends authorization the payment of \$4,190.00 to Terminal-Andréa for the replacement of the Panel View at Well #4. Funds allocated from Account #50-180-184-3490.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6th, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Consideration to **re-program** new panel view at Well #4

SUBMITTED BY: Paul Haugen, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting authorization to pay the invoice from Ruekert and Mielke, the Village's SCADA programmers, to re-program the newly installed Panel View for Well #4. This work was authorized under an emergency situation because the Panel View screen stopped working and could not be repaired. Programing time is needed to convert the new hardware to be read by the existing Programable Logical Controller (PLC).

Ruekert and Mielke W233 N2080 Ridgeview Pkwy, Waukesha, WI 53188 \$4,150.00

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

Staff recommends authorizing payment of \$4,150 to Ruekert and Mielke for the SCADA Pprogrammers' to re-program the new Panel view into the existing Programable Logical Controller (PLC) at Well #4. Funds to be allocated from Account #50-180-184-3490.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business

E

ITEM TITLE: Authorization to Purchase Replacement Pump Lift 7

SUBMITTED BY: Timothy K. Zimmerman – Wastewater Superintendent

SUMMARY EXPLANATION:

Late in 2017 we suffered a complete failure of a pump at Lift 7. The pump was an original pump from the original Lift 7 which went online in 1993. Over its lifecycle it has been overhauled one time by Xylem Water and twice by Utility staff. It is no longer an option to rebuild it again at 25 years of age. Replacement parts will cost \$16,624.00. A new pump with warranty will be \$12,400.00.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER

RECOMMENDATION:

It is staff's recommendation to purchase 1Flygt NP-3135 20 horsepower submersible sewage pump to replace failed unit from Xylem Water Solutions USA for the amount not to exceed \$12,400.00 With monies to come out of 60-18-184-3230 Electric Pumping Equipment. And to forward this recommendation on to the Village Board with a positive recommendation.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday March 6th, 2018

AGENDA ITEM: New Business **F**

ITEM TITLE: Authorization to Contract – Furnaces - Village Hall

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the quotes obtained for the replacement of 4 furnaces at the Village. This is the third and final phase of the replacement of all furnaces at Village Hall. This project was included in the 2018 major repairs budget.

Mr. Holland's Heating and Air	\$24,767
Goschey Mechanical	\$24,980
CGS	\$27,825
Blau	N/A

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends awarding Mr. Holland's Heating and Air the work in the amount not to exceed \$23,831. They performed the work last year as well. Funds shall be allocated from Buildings line item 10-519-570-8201. Monies were carried over from the 2017 project to help offset the impact to the 2018 budget. This project came in at budget.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday March 6th, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Authorization to Contract - Roof Replacement
Schoenlauffen Park

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

As part of the 2018 Parks budget \$15,000 was allocated for the replacement of the roof on the shelter at Schoenlauffen Park. Staff is requesting authorization to spend up to the budgeted amount. Staff solicited pricing for the labor and material for the installation on a new standing seam metal roof with rubber gasket. A breakdown of how the remainder of the funds would be allocated is also included.

Murphy's Exterior Construction \$6,579.04

Integrity Roofing LLC \$7,195.00

Noffke Roofing

Power wash and sealing of exposed ceiling and beams < \$3,500

Repair of fascia +/- \$2,000

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x _____

RECOMMENDATION:

Staff recommends awarding Murphy's Exterior Construction the work in amount of \$6,579.04. Additionally staff recommends the release of the balance of funds for associated work as detailed above. The overall work performed shall NOT exceed \$15,000. They performed the work last year as well. Funds shall be allocated from Parks line item 10-553-570-8100.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday March 6th, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Authorization to Contract – Siding, Dormer & Overhang Repairs - Village Hall

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

As part of the 2018 Building major repairs budget \$10,000 was allocated for the repair of the dormers, siding, and overhang at the shelter at Village Hall. Staff is requesting authorization to spend up to the budgeted amount. Staff solicited pricing for the labor and material for the repair of the dormers, and siding. The results are as follows: Staff is also requesting use of the remaining funds to perform some spot repairs the overhang at the employee entrance to Village Hall.

Murphy's Exterior Construction	\$5,740.89
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Integrity Roofing LLC	\$7,495.00
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Noffke Roofing

Staff is requesting use of the remaining budget to make repairs to the over hang at the south entrance to Village Hall. Staff does not anticipate the cost being greater than \$3,500 for any one contractor that may perform the repairs to the overhang. Staff will NOT exceed the \$10,000 budgeted amount.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER __x__

RECOMMENDATION:

Staff recommends awarding Murphy's Exterior Construction the work in amount of \$5,740.89. Additionally, staff recommends the release of the balance of funds for associated work as detailed above. The overall work performed shall NOT exceed \$10,000. Funds shall be allocated from Buildings line item 10-519-570-8201.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business 

ITEM TITLE: Discussion/Action-Use of Consultants-Engineering Department

SUBMITTED BY: Lawrence Ratayczak, P.E.- Director of Public Works

SUMMARY EXPLANATION:

With the recent departure of John Lanning, the Village Engineer and the Civil Engineer positions remain vacant. Also, with the work load of the Engineering Department it has become necessary for the Engineering Department to select some projects to consider for completion by Consultant Engineer firms. We have already sent some development reviews out to a consultant for review. An example of projects considered to be worked on by Consultants is the drafting of a Bid/Specification document for the Police Department Impound Building and design of the proposed Sewage Pump Station in the area of Mequon Rd & Country Aire Dr. Director of Public Works is requesting the ability to solicit and hire firms as required and report back to the Public Works and Highway Committee with status of consultants that are hired. Director of Public Works would be responsible for determining the need for hiring consultant firms with approval from Village Administrator. If approved Director would monitor funds made available from wage savings from vacant engineer positions and other funds available for use to pay consultant engineering firms.

The other option would be for the Director of Public Works, in concert, with the Village Administrator prioritize the daily work load which may mean some projects get pushed back for a year.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

Staff recommends Public Works & Highway Committee approve the hiring of Engineering Consultant firms, based on an as needed basis, as determined by the Director of Public Works and the Village Administrator.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business J

ITEM TITLE: Discussion/Authorization to Pay Invoice-Michels
Materials-TID #6

SUBMITTED BY: Lawrence Ratayczak, P.E.- Director of Public Works

SUMMARY EXPLANATION:

As part of the Monument Sign Project for TID #6, Willow Creek Business Park, the easement area for the sign required substantial fill & grading. This could not be accomplished during the construction of the main Business Park since the Village did not have a sign design completed at that time. The Village staff was able to acquire the majority of the fill material from the 2017 Roads Project. The area was filled with asphalt millings. The backfill required placement and compaction to a designed elevation and location for the proposed sign.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

-Invoice from Michels Materials/Michels Corporation.

RECOMMENDATION:

Staff recommends Public Works & Highway Committee approve payment to Michels Materials in the amount of \$9,610.71 and forward with a positive recommendation for payment to the Village Board.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



MICHELS MATERIALS

A DIVISION OF MICHELS CORPORATION

P.O. BOX 128 • BROWNSVILLE, WI 53006 • (920) 583-3132 • (920) 583-2322
700 TULLAR ROAD • NEENAH, WI 54956 • (920) 727-1522 • (920) 727-4651

INVOICE NUMBER

No:22627

ALL PAYMENTS/CHECKS
SHOULD BE SENT TO:
MICHELS CORPORATION
P.O. BOX 95
BROWNSVILLE, WI 53006

November 28, 2017

76101

Village of Germantown
N112 W17001 Mequon Road, PO Box 337
Germantown, WI 53022-0337
Attn: Larry Ratayczak, PE

Dates: October 30 & November 3, 2017

Tif 6 Sign Platform (See attached for details)

\$ 9,610.71

TOTAL

\$ 9,610.71

CUSTOM CRUSHING

WASHING & SCREENING

ROAD CONTRACTORS

**MICHELS CORPORATION**

P.O. BOX 128
BROWNSVILLE, WI 53006
PHONE: (920) 924-4311
FAX: (920) 583-2322

PREPARED BY: Brett KrahnJOB NO. 76101**DAILY REPORT OF CHARGES FOR EXTRA WORK**NAME OF JOB: Village of Germantown Tif 6 Sign Pad DATE: 10/30/2017BILL TO: Village of GermantownADDRESS: N112 W17001 Mequon Road , Germantown, WI 53022**DESCRIPTION OF EXTRA WORK:**

Construct a sign plat form for the Village of Germantown on the Tif 6 Development. Strip topsoil, haul in Germantown supplied material stockpiled at Tif 6, place and compact foundation.

LABOR COSTS

LABOR NAME	CLASSIFICATION	REG HOURS	OT HOURS	REG RATE	OT RATE	TOTAL
Devin Justman	Foreman	8	2	\$101.92	\$131.53	\$1,078.42
Scott Peters	Operator	8	2	\$97.77	\$131.53	\$1,045.22
	Driver 1	5		\$69.31		\$346.55
	Driver 2	5		\$69.31		\$346.55
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00

EQUIPMENT COSTS

EQUIPMENT #	EQUIPMENT DESCRIPTION	HOURS	EQUIPMENT RATE	TOTAL
B2529	F250	10	\$22.95	\$229.50
B1871	F250	6	\$22.95	\$137.70
Q1079	JD Tractor Backhoe	6	\$51.43	\$308.58
E957	Cat Mobile Excavator	4	\$113.80	\$455.20
E1436	Case Skid Loader	6	\$39.32	\$235.92
L234	IR Double Drum Roller	6	\$26.10	\$156.60
A910	Quad Axle 1	5	\$67.75	\$338.75
A1014	Quad Axle 2	5	\$67.75	\$338.75
				\$0.00

MATERIALS AND SUPPLIES

QUANTITY	UNIT	DESCRIPTION AND SOURCE	PRICE	TOTAL
				\$0.00
				\$0.00
				\$0.00
				\$0.00

TOTAL AMOUNT = \$5,017.74

**MICHELS CORPORATION**

P.O. BOX 128
BROWNSVILLE, WI 53006
PHONE: (920) 924-4311
FAX: (920) 583-2322

PREPARED BY: Brett KrahnJOB NO. 76101**DAILY REPORT OF CHARGES FOR EXTRA WORK**NAME OF JOB: Village of Germantown Tif 6 Sign Pad DATE: 11/3/2017BILL TO: Village of GermantownADDRESS: N112 W17001 Mequon Road, Germantown, WI 53022**DESCRIPTION OF EXTRA WORK:**

Construct a sign plat form for the Village of Germantown on the Tif 6 Development. Strip topsoil, haul in Germantown supplied material stockpiled at Tif 6, place and compact foundation.

LABOR COSTS

LABOR NAME	CLASSIFICATION	REG HOURS	OT HOURS	REG RATE	OT RATE	TOTAL
Scott Braun	Operator	8	2	\$97.77	\$131.53	\$1,045.22
Cody Enright	Operator	8	2	\$97.77	\$131.53	\$1,045.22
Devin Justman	Foreman	3	0	\$101.92		\$305.76
	Driver 1	7	0	\$69.31		\$485.17
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00

EQUIPMENT COSTS

EQUIPMENT #	EQUIPMENT DESCRIPTION	HOURS	EQUIPMENT RATE	TOTAL
B1871	F250	3	\$22.95	\$68.85
Q1079	JD Tractor Backhoe	10	\$51.43	\$514.30
E1436	Case Skid Loader	10	\$39.32	\$393.20
L234	IR Double Drum Roller	10	\$26.10	\$261.00
A910	Quad Axle 1	7	\$67.75	\$474.25
				\$0.00
				\$0.00

MATERIALS AND SUPPLIES

QUANTITY	UNIT	DESCRIPTION AND SOURCE	PRICE	TOTAL
				\$0.00
				\$0.00
				\$0.00
				\$0.00

TOTAL AMOUNT = \$4,592.97

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: March 6, 2018

AGENDA ITEM: New Business K

ITEM TITLE: Village Labor & Equipment Rates - 2018

SUBMITTED BY: Lawrence W Ratayczak, P.E., Director of Public Works

SUMMARY EXPLANATION:

As the Village may be requested for personnel or equipment to assist in a project, staff typically prepares a list of rates to be charged for labor and equipment. For 2018 staff is recommending a 2% rate increase for labor and a 3% rate increase for equipment.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER X

Proposed Labor and Equipment Rates for 2018.

RECOMMENDATION:

Staff recommends that the Public Works Committee forward on to the Village Board with a positive recommendation for approval.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

LABOR RATES -- 2018			
VILLAGE OF GERMANTOWN			
	Annual Hourly Rates		
POSITION DESCRIPTION	2016	2017	2018
Director of Public Works	\$72.21	\$73.65	\$75.13
Village Engineer	\$60.83	\$62.05	\$63.29
Project Engineer	\$52.40	\$53.45	\$54.52
Engineer Tech III / Land Surveyor	\$45.97	\$46.89	\$47.83
Land Surveyor/Survey Crew w/Robot	\$133.66	\$136.33	\$139.06
Highway Superintendent	\$52.09	\$53.13	\$54.19
Zoning Administrator/Planner	\$59.18	\$60.36	\$61.57
Civil Engineer	\$38.79	\$39.57	\$40.36
Record Drawing Documentation Preparation	\$46.14	\$47.06	\$48.00
Construction Inspection	\$46.14	\$47.06	\$48.00
Highway Maintenance Worker II	\$43.70	\$44.57	\$45.47
Highway Operators (Traffic Signals)	\$50.74	\$51.75	\$52.79
Water Superintendent	\$52.09	\$53.13	\$54.19
Waste Water Superintendent	\$52.09	\$53.13	\$54.19
Utility Operator	\$44.83	\$45.73	\$46.64
Clerical	\$35.34	\$36.05	\$36.77
NOTE: 2018 rates reflect a 2% increase to the 2017 wages.			

EQUIPMENT RATES -- 2018

VILLAGE OF GERMANTOWN

EQUIPMENT DESCRIPTION	Annual Hourly Rates		
	2016	2017	2018
Cruz-Air	\$62.20	\$64.07	\$65.99
Case Backhoe & Loader	\$36.72	\$37.82	\$38.96
Michigan Loader	\$46.92	\$48.33	\$49.78
Case/John Deer Loader/Snow Plow	\$79.56	\$81.95	\$84.41
Case/John Deer Loader/Snow Blower	\$108.12	\$111.36	\$114.70
Single Axle Dump Truck (5yd)	\$33.66	\$34.67	\$35.71
Single Axle Dump Truck w/Plow/Aux. Wing/Sander (5 yd)	\$54.06	\$55.68	\$57.35
Tandem Axle Dump Truck	\$44.88	\$46.23	\$47.61
Tandem Axle Dump Truck w/Plow/Aux. Wing/Sander	\$66.30	\$68.29	\$70.34
4 Wheel Oshkosh w/Plow/Wing/Sander	\$108.12	\$111.36	\$114.70
1-Ton Patrol Truck (2-3 yd)	\$25.50	\$26.27	\$27.05
1-Ton Truck w/Plow	\$31.62	\$32.57	\$33.55
Truck w/Water Jetter w/Aux. Power Unit	\$51.00	\$52.53	\$54.11
Aerial Lift Truck	\$63.24	\$65.14	\$67.09
Pickup Truck	\$19.89	\$20.49	\$21.10
Pickup Truck w/Plow	\$28.56	\$29.42	\$30.30
Self Propelled Vibrating Roller	\$38.76	\$39.92	\$41.12
Self Propelled Non-Vibratory Roller	\$35.70	\$36.77	\$37.87
185 cfm Air Compressor (Portable)	\$28.56	\$29.42	\$30.30
Street Sweeper 40 Hp w/Front Mounted Broom	\$37.74	\$38.87	\$40.04
Vacuum Sweeper	\$83.64	\$86.15	\$88.73
Vac All	\$87.72	\$90.35	\$93.06
Sewer line Televising Truck	\$118.32	\$121.87	\$125.53
Combination Sewer Machine (pipe jetter & vac)	\$142.80	\$147.08	\$151.50
Mini Excavator	\$50.00	\$51.50	\$53.05
Skid Steer Loader w/Bucket	\$32.64	\$33.62	\$34.63
Skid Steer Loader w/Snow Blower/Broom	\$35.70	\$36.77	\$37.87
Tar Kettle	\$34.68	\$35.72	\$36.79
Motorized Mower (24" & Under)	\$13.52	\$13.93	\$14.34
Motorized Mower (25"-47")	\$18.87	\$19.44	\$20.02
Motorized Mower (48" & larger)	\$21.93	\$22.59	\$23.27
Tractor w/Sickle or Flail Mower	\$46.92	\$48.33	\$49.78

Chain Saw	\$12.50	\$12.88	\$13.26
Hydraulic Saw	\$12.50	\$12.88	\$13.26
Hydraulic Pruner	\$12.50	\$12.88	\$13.26
Chipper	\$40.80	\$42.02	\$43.28
Generator (225 Kw)	\$58.14	\$59.88	\$61.68
Generator (Under 10 Kw)	\$25.50	\$26.27	\$27.05
Trailer Mounted Vacuum Excavator	\$85.68	\$88.25	\$90.90
6 " Pump/Hose	\$31.62	\$32.57	\$33.55
4" Pump/Hose	\$26.52	\$27.32	\$28.14
3" Pump/Hose	\$21.93	\$22.59	\$23.27
Barricades-----DAILY COST	\$3.06	\$3.15	\$3.25
Traffic Control Signs-----DAILY COST	\$1.53	\$1.58	\$1.62
NOTE: 2018 rates reflect a 3% increase of 2017 rates			