

VILLAGE OF GERMANTOWN
N112 W17001 MEQUON ROAD
GERMANTOWN, WI 53022

MEETING: **PUBLIC WORKS & HIGHWAY COMMITTEE**

DATE AND TIME: **TUESDAY, February 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:** January 9, 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 – N99 W16215 Northway
 - B. Consideration of Utility Credit - N160 W11028 Abbot Court
 - C. Discussion/Recommendation Regarding Sanitary Sewer Service Area – Wrenwood Development
 - D. Discussion Regarding Sanitary Sewer Service Area – Capri-Menomonee Falls
 - E. Authorization to Pay Invoice – D.F. Tomasini
 - F. Authorization for Blanket Purchase Order – Replacement of Gate Valves
 - G. Authorization to Purchase – Office Equipment – Water Department
 - H. Authorization to Pay Invoices – Goschey Mechanical
 - I. Authorization to Purchase – Traffic Signal Cabinet Replacement
 - J. Authorization for Blanket Purchase Order – Material Processing – Recycling Center
 - K. Authorization to Purchase – Adjustable Frequency Drives – Main Street & Old Farm Lift Stations
 - L. Authorization to Approve WPDES (MS4 Annual Report) & MMSD Chapter 13 Annual Reports
 - M. Request to Approve \$1,318.19 Contribution to SWEET Water Regional NR216
 - N. Finalized List of 2018 Street Projects – Discussion and Possible Action
- VI. **NEXT MEETING DATE:** Set March, 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.

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

January 9, 2018
Village Hall Board Room

CALL: Chm. Kaminski called the meeting to order at 5:30 p.m.

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

PREVIOUS MINUTES: **MOTION made by Warren, seconded by Campbell to approve the minutes of December 5, 2017.**

Motion carried unanimously.

PUBLIC COMMENT: None

MOTION made by Kaminski, seconded by Warren to move to Item B under New Business of the Public Works and Highway Committee Agenda.

Motion carried unanimously.

CONSIDERATION OF UTILITY CREDIT – W162 N10154 INDIANWOOD DRIVE:

A written request was submitted to the Director of Public Works requesting consideration of a utility credit toward the property owner's 4th quarter, 2017 sewer and water utility billing. The outside faucet was left in the on position in which a garden hose was attached with the end nozzle turned off. The hose ruptured allowing the water to run onto the lawn. Based on Dir. Ratayczak's calculations, it was found an additional 14,670 gallons over the average was used during this time period.

John Brukbacher, W162 N10154 Indianwood Drive, provided the same summary and realized he was responsible for the water that was discharged on to the lawn. He was seeking an adjustment on the sewer portion of his bill as the water did not go to the sewer system. Any consideration would be appreciated.

MOTION made by Zabel, seconded by Warren authorizing staff to credit the sanitary sewer portion of \$101.41 of the fourth quarter 2017 sewer and water bill for the property at W162 N10154 Indianwood Drive.

Motion carried unanimously.

MOTION made by Kaminski, seconded by Warren to move back to Item A under New Business of the Public Works and Highway Committee Agenda.

Motion carried unanimously.

APPEAL OF A UTILITY CREDIT – N112 W16760 MEQUON ROAD: Dir. Ratayczak gave a recap of a water/sewer utility credit that was presented at the November 8, 2017 Committee meeting due to the non-usage of two water meters which were being invoiced over the course of four years. During the renovation of the dental office there were no records at the Village indicating there would be any change in the water supply. During the remodeling phase

it was decided by the contractor and owner to modify the water supply by connecting all water services within the building to one location. Two of the three meters were placed into a closet. The meters were then discovered four years later when one started pinging indicating the battery was low. During the four years the Village was invoicing meter connection charges for the meters not in use for a total of \$2,153.00. As this was an unusual situation, staff had contacted the Public Service Commission for their recommendation. The PSC stated the utility could credit charges up to one year from the time the Water Utility was informed the other two meters were no longer in use. The Committee at its November meeting approved a credit of \$619.04 to Dental Professionals.

Dr. Albiero, N112 W16760 Mequon Road, stated no one was aware of where the disconnected meters were. He understood the situation was an error on his part. It was an innocent mistake. Three entities were being billed for water. With the reconfiguration of tenants it was determined there would be a substantial cost savings by plumbing all tenants to one meter. The other two meters were then placed in a storage closet to protect them and were forgotten. Mr. Albiero understood there were costs involved but hoped the Committee understood this was an inadvertent mistake and no malice to cheat the system. He understood paying any costs associated with billing and record keeping but requested an additional refund on the balance owed for the two unused meters.

Trustee Zabel noted the Village was governed by PSC rules. Once the Village was aware the meters were no longer in use, PSC rules recommended a refund could be calculated back to the date the Water Utility was notified which was one year.

Chm. Kaminski supported Dr. Albiero's appeal process noting he hired a firm to do the construction work and therefore take on the responsibility of making sure everything was done correctly. The PSC recommendation to refund back one year was not necessarily a "rule". Trustee Zabel differed stating the PSC Rate Rules note what you are allowed to do.

Dir. Ratayczak noted Water Superintendent Haugen did an excellent job in investigating this situation by contacting the PSC with their recommendations and staff presented their best judgement at the November, 2017 Public Works meeting which was to refund charges up to one year.

Dr. Albiero stated the Committee had the flexibility for an additional credit based on the PSC's communication that there should be a policy when there are zero reads on a meter. The PSC was sympathetic to the situation.

Based on an estimate of time spend reading the meters and staff investigation, the Committee agreed Village costs were approximately \$500.00 and approved an additional refund/credit of \$1,000 to Dr. Albiero.

MOTION made by Warren, seconded by Campbell authorizing the additional utility billing credit of \$1,000 to Dental Professionals, N112 W16760 Mequon Road for the non-usage of two water meters being stored on site.

Motion carried 3-1 (Zabel)

AUTHORIZATION TO PURCHASE – SERVICE TRUCK – WATER UTILITY: Supt. Haugen reported three quotes were received ranging from \$59,636.66 to \$60,429.00 for the purchase of a service utility truck. Prices included a trade in.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with a positive recommendation authorizing the purchase of a 2018 Chevy 2500 diesel pickup Truck with a multi-drawer aluminum service body, lift gate and plow from Holz Motors for an amount not to exceed \$59,636.66.

Motion carried unanimously.

AUTHORIZATION TO PAY INVOICE – D.F. TOMASINI (Mequon Road): Supt. Haugen reported an emergency repair of an 8” ductile iron water main at N112 W1666 Mequon Road.

MOTION made by Warren, seconded by Campbell authorizing the payment of \$4,234.15 to D.F. Tomasini for the emergency repair of a 8” diameter failure at N112 W16660 Mequon Road. Funds to be allocated from Acct. #50-742-530-6730.

Motion carried unanimously.

AUTHORIZATION TO PAY INVOICE – D.F. TOMASINI (Wilson Drive): Supt. Haugen reported an emergency repair of a water line and curb stop failure at N105 W14683 Wilson Drive. Photos were provided showing the extent of the repair.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the payment of \$17,065.29 to D.F. Tomasini for the emergency repair of the water line and curb stop failure to a home at N105 W114683 Wilson Drive. Funds to be allocated from Acct. #50-742-530-6750.

Motion carried unanimously.

AUTHORIZATION TO PAVE ACCESS DRIVE – WELL #11: Supt. Haugen received three contractor quotes ranging from \$6,129 to \$12,719 to pave the crane access drive and re-pave a 4’x10’ access to the storage delivery area on the northeast side of the building at Well #11. It was the recommendation of staff to hire Munson, Inc. as they quoted a 6”asphalt thickness and the access storage delivery area site in which the other two quotes did not. Discussion followed on the purpose of a hard surface and durability.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with a positive recommendation authorizing the services of Munson, Inc. to pave the crane access drive and re-pave access to the storage delivery area at Well #11 for a cost not to exceed \$6,205.00.

Motion carried unanimously.

AUTHORIZATION FOR A BLANKET PURCHASE ORDER – HYDRANT REPLACEMENTS: Supt. Haugen requested an open purchase order for contracted services to

provide labor for hydrant replacements to include lead and valve assembly. The Village would provide the materials.

MOTION made by Campbell, seconded by Warren to forward to the Village Board with a positive recommendation to approve the allocation of \$30,000 in the form of a blanket purchase order for a qualified contract service to provide labor and equipment for the continuing replacement of hydrants and lead and valve assemblies repairs, with the Village providing materials and restoration.

Motion carried unanimously.

CONSIDERATION TO UPDATE WATER HYDRAULIC MODEL: Supt. Haugen explained the original water model appearing on the Village's GIS System was created with limited GIS and water demand information and needed to be updated and calibrated in order to provide more accurate and reliable results. The updates included revising the infrastructure in the model to reflect all modifications that have occurred since 2011-2012. The updates would reflect current customer demands and calibrate the model to ensure model results reflect actual field tests. The updated hydraulic water system model would provide the water utility with accurate fire flow data and water system pressures in the existing system. The water system model would be used to determine if water system improvements for proposed developments would provide adequate fire flows and system pressures, identify current deficiencies in the existing water system, determine water age and in the development of a uni-directional flushing program. The update is good up to ten years or dependent upon how much development occurs in the community. Staff will spend 2-3 days in the field to collect representative fire flows from throughout the system. Also collected will be real live consumption data from all of the water services from the billing department and inserted into the water model. Committee discussion included:

- Updates are being done prior to the ten year mark due to development; the new model will allow real live data input;
- The Water Hydraulic Model can be used as a source of evaluation of a future well/tower site;
- Staff will input all data available and, projected use for the most current developments i.e. Saxony Village, Fairway Knoll, & Prairie Glen II;
- Consider a contingency in the contract stipulating a re-evaluation of data when the two large users come on line;
- As the system grows, the Village has the ability to insert the line segments for projects already on line. You do not need to re-do the entire model;
- Take into account all of the ongoing construction and consider inputting data later in the year or have a contingency within the contract language to do so;

MOTION made by Kaminski, seconded by Zabel to forward to the Village Board with a positive recommendation authorizing the allocation of \$26,000 to Ruekert & Mielke to update the Water Hydraulic Model incorporated with the Village's GIS system contingent on taking into consideration that the update is inclusive of the best possible data to unfinished major projects coming on line before finalizing the model or collect data later. Funds to be allocated from Acct. #50-742-530-6710.

Motion carried unanimously.

AUTHORIZATION TO REPLACE & INSTALL NEW ALTITUDE VALVES & PIPING – TOWER #1:

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the replacement and installation of a new altitude valve, piping, and associated valves at Tower #1 by Dorner Company for a cost of \$28,057.00 plus a \$500.00 contingency not to exceed \$28,557.00. Funds to be allocated from Acct. #50-741-530-6610.

Motion carried unanimously.

AUTHORIZATION TO REPLACE WELL HOUSE & WATER TOWER DOORS:

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the services of Block Iron & Steel Supply Company Inc. to replace three doors at Well #3, one double door at Well #7 and misc. repairs at Wells #3, #7 and #11 for a cost of \$33,751.00 plus a \$1,000.00 contingency not to exceed \$34,751.00. Funds to be allocated from Acct. #50-712-530-6110.

Motion carried unanimously.

AUTHORIZATION TO CLEAN & OVERSEE REPLACEMENT OF MUD VALVE – TOWER #1:

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the services of Strand Associates at a cost not to exceed \$8,450.00 for monitoring and costs associated with the cleaning, replacement and installation of a new mud valve on Tower #1. Funds to be allocated from Acct. #50-741-530-6610.

Motion carried unanimously.

AUTHORIZATION TO UPGRADE METER READING HARDWARE – WATER UTILITY: Supt. Haugen requested authorization to upgrade the Village's old mobile data collector for reading AMCO/Badger trace radio transponders. In 2007 the Water Utility decided to discontinue software tech support and therefore the transponders were no longer current with software or hardware upgrades. The old system has crashed several times due to overheating of the mobile unit, wrong data calculations and loss of data which makes the units no longer dependable. The old system was original to the start of the Village's Trace radio read technology. Currently there are approximately 4300 old style Trace transponders/meters to read. Staff replaces the old style meters at approximately 500 per year.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with a positive recommendation authorizing the purchase of new meter reading hardware/software from Honeywell/Smart Energy for a cost not to exceed \$18,695.00. Funds to be allocated from Acct. #50-180-183-3460.

Motion carried unanimously.

AUTHORIZATION TO CONTRACT – PAINTING LIBRARY INTERIOR: Supt. Olszewski explained the painting of the Library will be phased over a 2-3 year span. The 2018 Budget included \$21,250 for painting a portion of the interior to include the main desk and study rooms, Children's area and the west section of the Library. Quotes were solicited from three area contractors with 2018 pricing ranging from \$20,410 to 21,250. Contractors were also asked to provide pricing for the entire painting project with pricing ranging from \$53,056 to \$73,832. By awarding the entire project at this time would insure the workmanship and product will be as consistent as possible. Director Ratayczak suggested a contingency in the overall contract in the event monies would not be available in the 2019 budget, and that the Village would not be committed to the work being done.

MOTION made by Campbell, seconded by Warren to forward to the Village Board with a positive recommendation authorizing MACORP to paint the entire library over a 2 -3 year span for a total cost not to exceed \$53,056.00.

Motion carried unanimously.

AUTHORIZATION TO PURCHASE PATROL TRUCKS – HIGHWAY DEPT.: Supt. Olszewski requested authorization to purchase two single axle patrol trucks. Three quotes were received with pricing for each ranging from \$185,011.70 to \$188,266.70.

MOTION made by Warren, seconded by Kaminski to forward to the Village Board with a positive recommendation to authorize the purchase of two Western Star Patrol Trucks from Quality Truck for a total amount not to exceed \$370,023.40 and contingent upon borrowing approval. Funds to be allocated from Acct. #40-542-570-8520.

Motion carried unanimously.

AUTHORIZATION TO PURCHASE ¼ TON PICKUPS – PARKS & HIGHWAY DEPT.: Supt. Olszewski requested authorization to purchase two ¼ ton pickup trucks. Three quotes were received. The truck for the Parks Dept. included a lift gate with prices ranging from \$41,496.86 to \$43,535.00. The truck for the Highway Dept. ranged in price from \$37,121.86 to \$39,160.

MOTION made by Warren, seconded by Kaminski to forward to the Village Board with a positive recommendation authorizing the purchase of two ¼ ton pickup trucks from Holtz Motors, one for the Parks Department at a cost of \$41,496.86 and one for the Highway Department at a cost of \$37,121.86. The purchase shall be contingent upon borrowing approval. Funds to be allocated from Acct. #'s 40-553-570-8520 and #40-542-570-8520.

Motion carried unanimously.

AUTHORIZATION TO CONTRACT FORESTRY SERVICES – WACHTEL TREE SCIENCE: Staff had requested permission to contract Wachtel Tree Science to provide specific consultation services related to the handling of Emerald Ash Borer (EAB). Wachtel had worked with the Village in the past and familiar with the Village's tree inventory. Supt. Olszewski believed it was best to continue with the assistance of experts familiar with the Village's specific situation. The cost of service will be on a time and material basis.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with a positive recommendation to contract Wachtel Tree Science to provide specific consultation services as it related to the handling of the Emerald Ash Borer (EAB) at a cost not to exceed \$15,000. Funds to be allocated from Acct. #10-553-530-5290.

Motion carried unanimously.

CONSIDERATION OF CONTRACT – TAPCO PREVENTATIVE MAINTENANCE:

The TAPCO Preventative Maintenance Agreement is a yearly contract which covers the 15 controlled intersections under Village jurisdiction. TAPCO will verify proper operation of control equipment and operating functions of the signals. The Village will then be provided with a report of items that need to be addressed. TAPCO did provide hourly rates in the event staff needed additional assistance. The total cost for the year is \$2,445.00. Fleet Farm will be invoiced \$163 (1/15th) of their portion of the agreement.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation to enter into a one year contract with TAPCO to provide maintenance of 15 controlled intersections under Village jurisdiction at a cost of \$2,445.00. Funds to be allocated from Acct. #10-542-530-3540.

Motion carried unanimously.

CONSIDERATION OF MAINTENANCE AGREEMENT – JOHNSON CONTROLS:

Supt. Olszewski requested Committee consideration of a Maintenance Agreement between the Village and Johnson Controls for a three year commitment to oversee the heating and cooling system at the Library. Johnson Controls maintains the software that controls the heating and cooling system as well as the alarms that monitor the Library's boiler system. The contract covers 16 hours of consultative service at the discretion of the Village. The multiyear agreement includes a 15% savings on the hourly rate if work is needed in excess of the 16 hour "prepaid" contract amount. The first year contract is \$2,980, second year \$3,069 and third year is \$3,161.

MOTION made by Campbell, seconded by Warren to forward to the Village Board with a positive recommendation approving a three year contract with Johnson Controls for a total amount of \$9,210.00 as part of a Planned Service Agreement to cover the heating and cooling system for the Library. Funds to be allocated from Acct. #10-519-530-5251.

Motion carried unanimously.

AUTHORIZATION TO CONTRACT – FLOORING FOR POLICE DEPT. AND LIBRARY: As part of the 2018 Major Repairs – Building budget, Supt. Olszewski presented for Committee review quotes received by local contractors ranging from \$11,965 to \$16,040 for the removal/replacement of flooring in the lower hallway and locker room at the Police Dept., kitchen area at the Police Annex, and entrance way at the Library. Also requested was a 10% contingency for any unforeseen circumstances.

MOTION made by Warren, seconded by Campbell to forward to the Village Board with positive recommendation to contract Premier Flooring to install flooring at the Police Department and Library for a total cost not to exceed \$13,000 which includes a 10% contingency for any unforeseen circumstances. Funds to be allocated from Accts. #10-519-570-8221 and #10-519-570-8251.

Motion carried unanimously.

AUTHORIZATION FOR LETTER OF CREDIT REDUCTION – PRAIRIE GLEN II:

MOTION made by Zabel, seconded by Warren authorizing staff reduce the Prairie Glen II Letter of Credit to \$295,309.68 for select work completed as part of Exhibit “A” in the Prairie Glen Phase II Development Agreement.

Motion carried unanimously.

AUTHORIZATION TO CONTRACT – CGC, INC. – SOIL BORING & ANALYSIS – GOLDENDALE ROAD: Dir. Ratayczak explained a contract with Wisconsin Testing Laboratories in the amount of \$6,860.00 was approved at the December, 2017 Committee meeting for the soil boring and analysis on Goldendale Road. Since that time Dir. Ratayczak worked with Engr. Laning who reached out to CGC, Inc. to obtain another comparative quote. The difference between the two quotes received was related to the traffic control line item. As CGC’s quote was lower, staff reached out to CGC, Inc. to confirm all aspects of traffic control were covered. Costs of this work would be refunded by TID #7.

MOTION made by Warren, seconded by Campbell authorizing staff to enter into an agreement with CGC, Inc. in an amount of \$4,475.00 for eight (8) soil borings and analysis for the proposed sanitary sewer and water main extension on Goldendale Road.

Motion carried 3-1(Zabel).

AUTHORIZATION TO PURCHASE – USED COMPOST SCREENER – RECYCLING CENTER: Supt. Zimmerman requested authorization to spend up to the budgeted amount of \$60,000 for the purchase of a used compost screener. He expressed when dealing with the used equipment market, items are sold on a first come first serve basis.

MOTION made by Kaminski, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the purchase of one used compost screener for the Recycling Center at a cost not to exceed \$60,000. The purchase shall be contingent upon borrowing approval. Funds to be allocated from Acct. #40-567-570-8400.

Motion carried unanimously.

UPDATE – 2017 CONSTRUCTION PROJECTS:

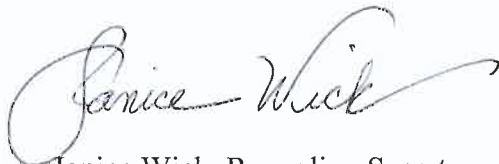
Director Ratayczak and Engineer Laning had provided the Committee an update as to the status of the 2017 Roads, and Sewer & Water projects. Final costs will be discussed at the February Public Works Committee meeting.

ANNOUNCEMENTS: Dir. Ratayczak reported the Commissioner of Railroads commissioned a study/investigation of the Pilgrim Road near Hwy 145 railroad crossing to determine its safety. The study did reveal the need for an improved crossing to include drop down gates. Based on the findings, the Commission of Railroad directed the change be made and will hold a Public Hearing February 15, 2018 in Madison with Village participation held by conference call in the Village Hall Board Room from 10:30 a.m. until concluded.

Chm. Kaminski announced she will not be in attendance at the February 6th Public Works and Highway Committee meeting and requested Trustee Zabel chair that meeting.

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

ADJOURNMENT: There being no further business, the meeting was adjourned at 7:35 p.m.



Janice Wick, Recording Secretary

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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business

A

ITEM TITLE: Consideration to Adjust 4th Quarter Sewer & Water Invoice for Joseph & Judith Lemanczyk, N99 W16215 Northway

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

SUMMARY EXPLANATION:

Joseph & Judith Lemanczyk resides at N99 W16215 Northway. Joseph Lemanczyk brought this to the Villages attention by personal visit to Village Hall & letter (letter attached). The letter describes historical lower usage and no known reason for the large increase in the 4th quarter of 2017. The Water Utility installed a new meter on January 3, 2018. The new meter has recorded a reading of 2,000 used gallons from January 3, 2018 until January 31, 2018. This consumption is approximately 86.96 gpd or at 90 days per quarter approximately 7,826 gallons. Previous first quarter consumption has been 9,000 gallons.

Normal average water usage for the 4th Quarter is 9,670 gallons for 2014, 2015 & 2016. The water use for the 4th Quarter of 2017 was 32,000 gallons. The over average use was 22,330 gallons. The cost for the over average water use is \$2.29/1,000 gallons times 22,230 gallons or \$51.13. The cost for the over average sewer use is \$6.913/1,000 gallons times 22,230 gallons or \$154.37. Total is \$205.50.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER X

Letter from Joseph & Judith Lemanczyk
4-year 4th quarter Utility bill summary
Current water meter reading

RECOMMENDATION:

Staff is looking to the Public Works and Highway Committee for direction with regards to a possible reduction in the 4th Quarter sewer & water invoice for Joseph & Judith Lemanczyk, N99 W16215 Northway.

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.

January 4, 2018

Village of Germantown
Lawrence W. Ratayczak
Director of Public Works

Dear Sir:

We, Joseph and Judith Lemanczyk, are asking you to intercede on our behalf in regard to our most recent water/sewer invoice.

We have lived at our current address for thirty-three years and have been very consistent in our water usage which is normally 8 – 10 thousand gallons per quarter. Our current bill covering 9/12/17 through 12/12/17 states our consumption was 32,000 gallons. We most certainly did not use that much water.

We received our bill on Friday, Dec. 29th and immediately checked our water meter reading which showed that from the end service date of 12/12/17 to 12/29/17 the usage was 5,000 gallons. That is half of what we normally use for the whole quarter. We feel there was definitely something wrong with the water meter which was last changed in 2003.

On Wednesday, Jan. 3, 2018, a water department employee, Eric, changed our meter. He used some type of instrument and determined we had no leaks.

We have a water softener that recycles on demand and we certainly would have noticed if it would have recycled as often as it would have had to for a 32,000 gallon water usage. There was no abnormal increase in our salt usage.

We have not changed our life style in any way, and there are only the two of us living here. We are completely at a loss to explain how this could be a true reading except for a faulty meter.

We would very much appreciate anything you can do to discount this incredibly high bill. Thank you for your consideration.

Sincerely;

Joseph and Judith Lemanczyk
N99W16215 Northway
Germantown, Wi 53022
Ph. (262)251-4361

Acc. No. 0034411400-00

JJ leman25@aH.net

Billing inquiries: (262) 250-4703		GERMANTOWN, WI 53022		PERMIT NO. 12	
ACCOUNT NO.	SERVICE FROM	SERVICE TO		BILL TO:	
0034411400-00	09/12/17	12/12/17		JOSEPH & JUDITH LEMANCZYK	
SERVICE ADDRESS				N99 W16215 NORTHWAY	
N99 W16215 NORTHWAY				GERMANTOWN WI 53022	
METER READINGS		CONSUMPTION		NET AMOUNT	
CURRENT	PREVIOUS	1000 GAL.			
691	659	32		ACTUAL	

WATER	88.55
SEWER	261.23

ACCOUNT NO.	DUE DATE
	01/20/18
003441140000	

TOTAL DUE	\$349.78
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AFTER DUE DATE	\$353.28
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TOTAL	\$	349.78
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Late=1% per mo. Ret.Ck Fee=\$20.00
 Pay online via ONLINE BILL PAY @
www.village.germantown.wi.us

RETURN THIS STUB WITH REMITTANCE

4094

DATE RUN: 01/05/18
TIME RUN: 11:26:54
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

FROM DATE: 12/01/2014
TO DATE: 01/05/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
0034411400-00 JOSEPH & JUDITH LEMANCZYK		N99 W16215 NORTHWAY		
12/30/14	WATER	ACT	8	32.59
12/30/14	SEWER	ACT	8	86.65
01/06/15	PAYMENT: CK CHECK			119.24-
03/31/15	WATER	ACT	9	35.88
03/31/15	SEWER	ACT	9	102.23
04/07/15	PAYMENT: CK CHECK			138.11-
06/30/15	WATER	ACT	10	38.17
06/30/15	SEWER	ACT	10	109.14
07/09/15	PAYMENT: CK CHECK			147.31-
09/30/15	WATER	ACT	14	47.33
09/30/15	SEWER	ACT	14	109.14
10/06/15	PAYMENT: CK CHECK			156.47-
12/30/15	WATER	ACT	12	42.75
12/30/15	SEWER	ACT	12	122.97
01/05/16	PAYMENT: CK CHECK			165.72-
03/31/16	WATER	ACT	9	35.88
03/31/16	SEWER	ACT	9	102.23
04/05/16	PAYMENT: CK CHECK			138.11-
06/30/16	WATER	ACT	10	38.17
06/30/16	SEWER	ACT	10	109.14
07/08/16	PAYMENT: CK CHECK			147.31-
09/30/16	WATER	ACT	15	49.62
09/30/16	SEWER	ACT	15	122.97
10/07/16	PAYMENT: CK CHECK			172.59-
12/29/16	WATER	ACT	9	35.88
12/29/16	SEWER	ACT	9	102.23
01/04/17	PAYMENT: CK CHECK			138.11-
03/31/17	WATER	ACT	8	33.59
03/31/17	SEWER	ACT	8	95.31
04/06/17	PAYMENT: CK CHECK			128.90-
06/30/17	WATER	ACT	9	35.88
06/30/17	SEWER	ACT	9	102.23
07/07/17	PAYMENT: CK CHECK			138.11-
09/29/17	WATER	ACT	17	54.20
09/29/17	SEWER	ACT	17	109.14
10/06/17	PAYMENT: CK CHECK			163.34-
12/28/17	WATER	ACT	32	88.55
12/28/17	SEWER	ACT	32	261.23

current 4th gtr → 32.00
previous 4th gtr average → 9.67
Overage → 22.33

BALANCE: 349.78 *

Overage Cost:
• Water: 22.33 x \$2.29 = \$51.13
• Sanitary: 22.33 x \$6.93 = \$154.37

DATE RUN: 01/31/18
TIME RUN: 15:27:59
ID: UB440000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE

1

FROM DATE: 12/01/2015
TO DATE: 01/31/2018

3/25/03
Pres Mr. [unclear]

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT

0034411400-00 JOSEPH & JUDITH LEMANCZYK		N99 W16215 NORTHWAY		

12/30/15	WATER	ACT	12	42.75
12/30/15	SEWER	ACT	12	122.97
01/05/16	PAYMENT: CK CHECK			165.72-
03/31/16	WATER	ACT	9	35.88
03/31/16	SEWER	ACT	9	102.23
04/05/16	PAYMENT: CK CHECK			138.11-
06/30/16	WATER	ACT	10	38.17
06/30/16	SEWER	ACT	10	109.14
07/08/16	PAYMENT: CK CHECK			147.31-
09/30/16	WATER	ACT	15	49.62
09/30/16	SEWER	ACT	15	122.97
10/07/16	PAYMENT: CK CHECK			172.59-
12/29/16	WATER	ACT	9	35.88
12/29/16	SEWER	ACT	9	102.23
01/04/17	PAYMENT: CK CHECK			138.11-
03/31/17	WATER	ACT	8	33.59
03/31/17	SEWER	ACT	8	95.31
04/06/17	PAYMENT: CK CHECK			128.90-
06/30/17	WATER	ACT	9	35.88
06/30/17	SEWER	ACT	9	102.23
07/07/17	PAYMENT: CK CHECK			138.11-
09/29/17	WATER 9/12/17	ACT	17	54.20
09/29/17	SEWER 9/12/17	ACT	17	109.14
10/06/17	PAYMENT: CK CHECK			163.34-
12/28/17	WATER 12/12/17	ACT	32	88.55
12/28/17	SEWER 12/12/17	ACT	32	261.23
				349.78 *

22 day
1/3/18 Meter chg
28 day
2/1/18
696
0
2
50 day
7,000
140/day
12,600/gtr
BALANCE:
20,430/gtr
6,340/gtr

Meter
Mod # 7620303

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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business

B

ITEM TITLE: Consideration to Adjust Water Invoice for David Minorik, N160 W11028 Abbot Ct.

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

SUMMARY EXPLANATION:

David Minorik resides at N160 W11028 Abbot Ct.. David Minorik brought this to the Villages attention on January 19, 2018 by personal visit to Village Hall. Mr. Minorik describe how his water usage decreased drastically after a new meter was installed on July 20, 2017. Mr. Minorik is inquiring as to the possibility of a credit being issued.

The last meter change out prior to July 20, 2017 was June 22, 2011 (6 years prior). Staff looked back to 2001 to determine average water use (see attached). From 2001 to 2006 average water use per quarter/year was 43.67. In 2007 there was a substantial decrease in average use. From 2007 to 2010 (4 years) the average use per quarter/year was 28.87. No meter change was performed. From 2011 to the end of 2016 (6 years) the average water use per quarter/year was 22.08. The first & second quarter of 2017 had an average use of 23.5. Then the meter was changed on July 20, 2017 and the last 2 quarters of 2017 had an average use of 9.5. See attached for more numerical description. The data shows a consistent use through several years with decreased use not attributable to meter replacement in June of 2011. The last meter replacement in 2017 indicates an apparent change in consumption. Staff is unable to determine a reason for the reduced consumption but the trend over the last 16 years is a reduction in consumption. Staff does not have a recommendation to the committee as to the cause of reduced volume.

For consideration:

Looking at 2016 3rd & 4th quarters the average use was 19 and the same period for 2017 had an average use of 9.5. The over average use was 9,500 gallons. The cost for the over average water use is \$2.29/1,000 gallons times 9,500 gallons or \$21.76. The cost for the over average sewer use is \$6.913/1,000 gallons times 9,500 gallons or \$65.43. Total is \$87.43.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER X

Utility Invoice for 4th quarter of 2017
16-year Utility bill summary

RECOMMENDATION:

Staff is looking to the Public Works and Highway Committee for direction with regards to a reduction in the 4th Quarter sewer & water invoice for Joseph & Judith Lemanczyk, N99 W16215 Northway.

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.

PLEASE MAKE CHECKS PAYABLE TO

VILLAGE OF GERMANTOWN
 N112 W17001 MEQUON RD.
 P.O. BOX 337
 GERMANTOWN, WI 53022

For billing inquiries: (262) 250-4703

ACCOUNT NO.	SERVICE FROM	SERVICE TO
0027128600-00	09/12/17	12/12/17
SERVICE ADDRESS		
W160 N11028 ABBOT CT		
METER READINGS		CONSUMPTION
CURRENT	PREVIOUS	1,000 GAL
14	5	9
		NET AMOUNT
		ACTUAL

WATER 35.88
 SEWER 102.23

TOTAL \$ 138.11

Late=1% per mo. Ret.Ck Fee=\$20.00
 Pay online via ONLINE BILL PAY @
 www.village.germantown.wi.us

PLEASE MAKE CHECKS PAYABLE TO

VILLAGE OF GERMANTOWN
 N112 W17001 MEQUON RD.
 P.O. BOX 337
 GERMANTOWN, WI 53022

For billing inquiries: (262) 250-4703

ACCOUNT NO.	SERVICE FROM	SERVICE TO
0027128600-00	09/12/17	12/12/17
SERVICE ADDRESS		
W160 N11028 ABBOT CT		
METER READINGS		CONSUMPTION
CURRENT	PREVIOUS	1,000 GAL
5	0*	5
		NET AMOUNT
		ACTUAL

PRIOR USAGE 5
 WATER 38.17
 SEWER 109.14

TOTAL \$ 147.31

Any bills not paid by Nov. 1 will be
 placed onto the 2017 tax roll
 with a 10% surcharge.

1/19/2018 resident came to the engineering counter.

Dave Minorik

262-983-7112 cell

262-255-1512 Home

In June of 2017 a new water meter was installed due
 to resident's complaint of high billings. next two gtr's
 have been reduced after meter replacement. 5-10 yrs. of
 higher bills

NOTES By: JWR

5 yrs +

% meter change dates

7/20/17

* 6/22/11

DATE RUN: 01/19/18
TIME RUN: 14:55:10
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE 1

FROM DATE: 12/01/2000
TO DATE: 01/19/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT

0027128600-00 DAVID/VIRGINIA MINORIK				

12/31/00	PREVIOUS BALANCE			.46-
12/31/00	WATER	ACT	34	68.46
12/31/00	SEWER	ACT	34	166.88
01/24/01	PAYMENT: CK CHECK			235.00-
03/30/01	WATER	ACT	32	65.08
03/30/01	SEWER	ACT	32	158.24
04/24/01	PAYMENT: CK CHECK			223.20-
06/29/01	WATER	ACT	35	70.15
06/29/01	SEWER	ACT	35	171.20
07/23/01	PAYMENT: CK CHECK			241.35-
09/28/01	WATER	A	62	115.78
09/28/01	SEWER	A	62	184.16
10/23/01	PAYMENT: CK CHECK			304.44-
12/28/01	WATER	A	34	68.46
12/28/01	SEWER	A	34	166.88
01/17/02	PAYMENT: CK CHECK			231.00-
03/28/02	WATER	ACT	29	60.01
03/28/02	SEWER	ACT	29	145.28
04/17/02	PAYMENT: CK CHECK			205.13-
06/28/02	WATER	ACT	35	70.15
06/28/02	SEWER	ACT	35	171.20
07/11/02	PAYMENT: CK CHECK			242.00-
09/30/02	WATER	ACT	83	151.27
09/30/02	SEWER	ACT	83	175.52
10/14/02	PAYMENT: CK CHECK			326.23-
12/30/02	WATER	ACT	35	70.15
12/30/02	SEWER	ACT	35	171.20
01/24/03	PAYMENT: CK CHECK			241.26-
03/31/03	WATER	ACT	30	61.70
03/31/03	SEWER	ACT	30	149.60
04/22/03	PAYMENT: CK CHECK			211.30-
06/30/03	WATER	ACT	36	71.84
06/30/03	SEWER	ACT	36	175.52
07/16/03	PAYMENT: CK CHECK			247.36-
09/30/03	WATER	ACT	75	137.75
09/30/03	SEWER	ACT	75	179.84
10/21/03	PAYMENT: CK CHECK			317.59-
12/30/03	WATER	ACT	33	66.77
12/30/03	SEWER	ACT	33	162.56
01/22/04	PAYMENT: CK CHECK			229.33-
03/31/04	WATER	ACT	29	60.01
03/31/04	SEWER	ACT	29	145.28
04/21/04	PAYMENT: CK CHECK			205.29-
06/30/04	WATER	ACT	33	66.77

2001
Ave.
40.5

2002
Ave.
45.5

2003
Ave.
43.5

DATE RUN: 01/19/18
TIME RUN: 14:55:10
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE

2

FROM DATE: 12/01/2000
TO DATE: 01/19/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
06/30/04	SEWER	ACT	33	162.56
07/20/04	PAYMENT: CK CHECK			229.33-
09/30/04	WATER	ACT	73	134.37
09/30/04	SEWER	ACT	73	175.52
10/19/04	PAYMENT: CK CHECK			309.89-
12/30/04	WATER	ACT	76	139.44
12/30/04	SEWER	ACT	76	348.32
01/24/05	PENALTY ON 12/30/04 BILLING			4.98
01/26/05	PAYMENT: CK CHECK			487.76-
03/31/05	WATER	ACT	29	60.01
03/31/05	SEWER	ACT	29	145.28
04/21/05	PAYMENT: CK CHECK			212.37-
06/30/05	WATER	ACT	47	99.34
06/30/05	SEWER	ACT	47	223.04
07/07/05	PAYMENT: CK CHECK			320.28-
09/30/05	WATER	ACT	62	133.48
09/30/05	SEWER	ACT	62	279.20
10/05/05	PAYMENT: CK CHECK			416.80-
12/30/05	WATER	ACT	38	86.92
12/30/05	SEWER	ACT	38	184.16
01/23/06	PAYMENT: CK CHECK			266.96-
03/31/06	WATER	ACT	34	79.16
03/31/06	SEWER	ACT	34	166.88
04/25/06	PENALTY ON 03/31/06 BILLING			7.46
06/30/06	WATER	ACT	28	67.52
06/30/06	SEWER	ACT	28	140.96
06/30/06	SEWER CREDIT-POOL FILL			4.32-
06/30/06	PAYMENT: CK CHECK			248.50-
07/19/06	PAYMENT: CK CHECK			204.16-
07/24/06	PENALTY ON 06/30/06 BILLING			.15
09/30/06	WATER	ACT	50	110.20
09/30/06	SEWER	ACT	50	197.12
10/17/06	PAYMENT: CK CHECK			312.47-
12/30/06	WATER	ACT	31	73.34
12/30/06	SEWER	ACT	31	153.92
01/17/07	PAYMENT: CK CHECK			227.26-
03/30/07	WATER	ACT	22	55.88
03/30/07	SEWER	ACT	22	115.04
04/23/07	PAYMENT: CK CHECK			170.92-
06/29/07	WATER	ACT	18	48.12
06/29/07	SEWER	ACT	18	97.76
07/20/07	PAYMENT: CK CHECK			145.88-
09/28/07	WATER	ACT	29	69.46
09/28/07	SEWER	ACT	29	145.28
10/10/07	PAYMENT: CK CHECK			215.00-
12/28/07	WATER	ACT	23	57.82
12/28/07	SEWER	ACT	23	119.36

2004
Ave 52.76

2005
Ave 44

2006
Ave 35.75
2001-2006
Ave 43.67
G.V.R.

2007
Ave 23

DATE RUN: 01/19/18
TIME RUN: 14:55:10
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE 3

FROM DATE: 12/01/2000
TO DATE: 01/19/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
01/15/08	PAYMENT: CK CHECK			177.00-
03/31/08	WATER	ACT	23	57.82
03/31/08	SEWER	ACT	23	119.36
04/17/08	PAYMENT: CK CHECK			177.10-
06/30/08	WATER	ACT	27	65.58
06/30/08	SEWER	ACT	27	132.32
07/15/08	PAYMENT: CK CHECK			197.90-
09/30/08	WATER	ACT	31	73.34
09/30/08	SEWER	ACT	31	132.32
10/22/08	PENALTY ON 09/30/08 BILLING			2.06
11/03/08	PAYMENT: CK CHECK			206.00-
11/03/08	PAYMENT: CK CHECK			2.05-
12/30/08	WATER	ACT	28	67.52
12/30/08	SEWER	ACT	28	140.96
01/26/09	PENALTY ON 12/30/08 BILLING			6.30
03/31/09	WATER	ACT	26	65.60
03/31/09	SEWER	ACT	26	132.32
04/22/09	PENALTY ON 03/31/09 BILLING			4.19
04/24/09	PAYMENT: CK CHECK			413.00-
06/30/09	WATER	ACT	30	73.60
06/30/09	SEWER	ACT	30	149.60
07/22/09	PAYMENT: CK CHECK			226.76-
09/30/09	WATER	ACT	32	77.60
09/30/09	SEWER	ACT	32	153.92
10/21/09	PAYMENT: CK CHECK			233.84-
12/30/09	WATER	ACT	25	63.60
12/30/09	SEWER	ACT	25	133.00
01/19/10	PAYMENT: CK CHECK			197.00-
03/31/10	WATER	ACT	27	67.60
03/31/10	SEWER	ACT	27	141.64
04/15/10	PAYMENT: CK CHECK			207.00-
06/30/10	WATER	ACT	20	53.60
06/30/10	SEWER	ACT	20	111.40
07/23/10	PENALTY ON 06/30/10 BILLING			1.69
07/27/10	PAYMENT: CK CHECK			164.52-
09/30/10	WATER	ACT	16	45.60
09/30/10	SEWER	ACT	16	94.12
10/22/10	PAYMENT: CK CHECK			141.41-
12/30/10	WATER	ACT	21	59.76
12/30/10	SEWER	ACT	21	127.29
01/20/11	PAYMENT: CK CHECK			187.05-
03/31/11	WATER	ACT	19	55.44
03/31/11	SEWER	ACT	19	117.79
04/12/11	PAYMENT: CK CHECK			173.23-
06/30/11	WATER	ACT	19	55.44
06/30/11	SEWER	ACT	19	117.79
07/25/11	PAYMENT: CK CHECK			175.00-

2008
Ave 27.25

2009
Ave 28.25

2007 → 2010
4yr ave 28.87

2010
Ave 21

2011
Ave 20.15

6/22/11
meter change

Mr
Cing 6/22/11

DATE RUN: 01/19/18
TIME RUN: 14:55:10
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE

4

FROM DATE: 12/01/2000
TO DATE: 01/19/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
09/30/11	WATER	ACT	20	57.60
09/30/11	SEWER	ACT	20	140.93
10/24/11	PENALTY ON 09/30/11 BILLING			1.97
10/25/11	PAYMENT: CK CHECK			199.00-
12/29/11	WATER	E	20	57.60
12/29/11	SEWER	E	20	140.93
01/24/12	PAYMENT: CK CHECK			198.26-
03/30/12	WATER	E	20	57.60
03/30/12	SEWER	E	20	162.07
04/24/12	PENALTY ON 03/30/12 BILLING			2.20
04/27/12	PAYMENT: CK CHECK			221.87-
06/29/12	WATER	E	20	57.60
06/29/12	SEWER	E	20	162.07
07/20/12	PAYMENT: CK CHECK			220.00-
09/28/12	WATER	E	20	57.60
09/28/12	SEWER	E	20	162.07
10/26/12	PAYMENT: 2 CHECK			219.34-
12/28/12	WATER	E	25	68.40
12/28/12	SEWER	E	25	193.50
01/23/13	PAYMENT: CK CHECK			261.90-
03/28/13	WATER	ACT	19	55.44
03/28/13	SEWER	ACT	19	155.79
04/18/13	PAYMENT: CK CHECK			212.00-
06/28/13	WATER	ACT	18	53.28
06/28/13	SEWER	ACT	18	149.50
07/23/13	PAYMENT: CK CHECK			202.01-
09/30/13	WATER	ACT	45	111.60
09/30/13	SEWER	ACT	45	193.50
10/23/13	PAYMENT: CK CHECK			305.10-
12/30/13	WATER	ACT	25	68.40
12/30/13	SEWER	ACT	25	193.50
01/22/14	PAYMENT: CK CHECK			261.90-
03/31/14	WATER	ACT	26	72.55
03/31/14	SEWER	ACT	26	199.78
04/22/14	PAYMENT: CK CHECK			272.33-
06/30/14	WATER	ACT	20	59.23
06/30/14	SEWER	ACT	20	162.07
07/22/14	PAYMENT: CK CHECK			221.30-
09/30/14	WATER	ACT	18	54.79
09/30/14	SEWER	ACT	18	149.50
10/22/14	PAYMENT: CK CHECK			204.29-
12/30/14	WATER	ACT	23	65.89
12/30/14	SEWER	ACT	23	180.93
01/06/15	PAYMENT: CK CHECK			246.82-
03/31/15	WATER	ACT	21	63.36
03/31/15	SEWER	ACT	21	185.18
04/15/15	PAYMENT: CK CHECK			248.54-

2011
Ave 19.5

2012
Ave 21.25

2013
Ave 26.75

2014
Ave 21.75

DATE RUN: 01/19/18
TIME RUN: 14:55:10
ID: UB340000.WOW

VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE 5

FROM DATE: 12/01/2000
TO DATE: 01/19/2018

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
06/30/15	WATER	ACT	25	72.52
06/30/15	SEWER	ACT	25	212.84
07/21/15	PAYMENT: CK CHECK			285.36-
09/30/15	WATER	ACT	26	74.81
09/30/15	SEWER	ACT	26	212.84
10/16/15	PAYMENT: CK CHECK			287.65-
12/30/15	WATER	ACT	22	65.65
12/30/15	SEWER	ACT	22	192.10
01/19/16	PAYMENT: 3 CREDIT CARD			257.75-
03/31/16	WATER	ACT	19	58.78
03/31/16	SEWER	ACT	19	171.36
04/21/16	PAYMENT: CK CHECK			230.14-
06/30/16	WATER	ACT	22	65.65
06/30/16	SEWER	ACT	22	192.10
07/12/16	PAYMENT: 3 CREDIT CARD			257.75-
09/30/16	WATER	ACT	19	58.78
09/30/16	SEWER	ACT	19	171.36
10/13/16	PAYMENT: 3 CREDIT CARD			230.14-
12/29/16	WATER	ACT	19	58.78
12/29/16	SEWER	ACT	19	171.36
01/19/17	PAYMENT: CK CHECK			230.14-
03/31/17	WATER	ACT	25	72.52
03/31/17	SEWER	ACT	25	212.84
04/20/17	PAYMENT: CK CHECK			285.36-
06/30/17	WATER	ACT	22	65.65
06/30/17	SEWER	ACT	22	192.10
07/13/17	PAYMENT: CK CHECK			257.75-
09/29/17	WATER	ACT	10	38.17
09/29/17	SEWER	ACT	10	109.14
10/20/17	PAYMENT: CK CHECK			147.31
12/28/17	WATER	ACT	9	35.88
12/28/17	SEWER	ACT	9	102.23

2015
Ave 23.5

2016
Ave 19.75
2011-2016
Ave 22.03
6 yrs

2017
Ave 16.5
meter change

ave 19

ave 9.5

Compare 3rd & 4th gtr of 2016 to 2017
2016 → ave 19.0
2017 → ave 9.5
average → 9.5
BALANCE: 138.11 *
Water: $9.5 \times \$2.29 = \21.76
San.: $9.5 \times \$6.913 = \65.67
\$ 87.43

Ave/gtr/yr

2001-2006 (6yr) → 43.67
2007-2010 (4yr) → 28.87
2011-2016 (6yr) → 22.03
2017 (1st & 2nd gtr) → 23.50
2017 (3rd & 4th gtr) → 9.50
2007 large decrease same meter decrease in ave. of 14.80
Meter changed 6/22/11
Meter changed in 6/22/11
New Meter 7/20/17

Ave. water use of 31.54/gtr for 16 yrs. 1st & 2nd gtr of 2017 ave is 23.50. If one looks at the 10 yrs prior the ave use is 25.47, which is close to the ave of the 1st & 2nd gtr of 2017 (23.50). Staff unable to confirm reduction in 3rd & 4th gtr of 2017 is due entirely to the new meter. Possible reduction due to owner awareness to use less water or replacement/repairs of fixture

meter change
7/20/17

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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business C

ITEM TITLE: Discussion & Direction regarding Village Water & Sanitary Sewer Service Area for the Wrenwood Development and surrounding area.

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

SUMMARY EXPLANATION:

With the recent direction of the Village Board to allow POWTS (Private onsite waste water treatment system/mound treatment) systems for proposed developments along Elm Lane and that sanitary sewer service north of Freistadt Road should not be considered, the potential sanitary service area for an Interceptor Sewer has been reduced in size making the Interceptor Sewer economically not feasible. At the time that the engineering staff requested funds to be budgeted in 2017 to hire an engineering consultant firm to analyze and design an Interceptor sewer, the potential area was much larger than what appears to be the potential sanitary sewer service area of today (see aerial map). Area north of Freistadt Rd were included in the original consideration for an interceptor sewer.

Currently, the Village has a proposed 202 lot multi/single family development (Wrenwood by Carity) proceeding through the submittal process with no confirmed sanitary service by the Village sanitary sewer system. In meetings with the developer and his engineer and along with in-house meetings with staff of Waster Water, Engineering and Planning we believe the best alternative to furnish sanitary service to the properties that may look in the future to the Village for sanitary sewer (see 2020 Land Use Map) is to construct a regional Lift Station. The proposed location of the lift station would be in the Wrenwood Development. This lift station would also accept the flow from existing lift station #1, located west of the railroad tracks, thus abandoning the oldest lift station. The new lift station would also be sized, through future upgrades, to accept flow from minimal areas north of Freistadt Rd if needed in the future. The new lift station and the abandonment of the existing lift station would not increase the number of lift stations for the Waste Water utility to maintain and in fact, with a new lift station, would decrease the required maintenance for the Utility.

The Village and the developer of the Wrenwood Development, Bill Carity, have had discussions related to land for the lift station, oversize cost share by the Village and for the necessary easements required for the gravity sewer and force main associated with the Lift station.

Staff is looking to the PWHC for their opinion and direction to continue forward with the task of developing a sanitary sewer service area for this portion of the Village.

A portion of the 2020 Land Use Plan, with mark up, has been attached for reference.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER X

-Aerial Map indicating the proposed sanitary sewer service area and area proposed for interceptor sewer

-2020 Land Use Map indicating the proposed Sanitary Sewer Service Area & Wrenwood Development

RECOMMENDATION:

Staff is bringing this item in front of the Public Works & Highway Committee for information, discussion & direction.

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.



FREISTADT ROAD

NEW LIFT STATION SERVICE AREA

NEW LIFT STATION

ABANDON LIFT
STATION #1

Gravity Sewer

PROPOSED FORCE MAIN

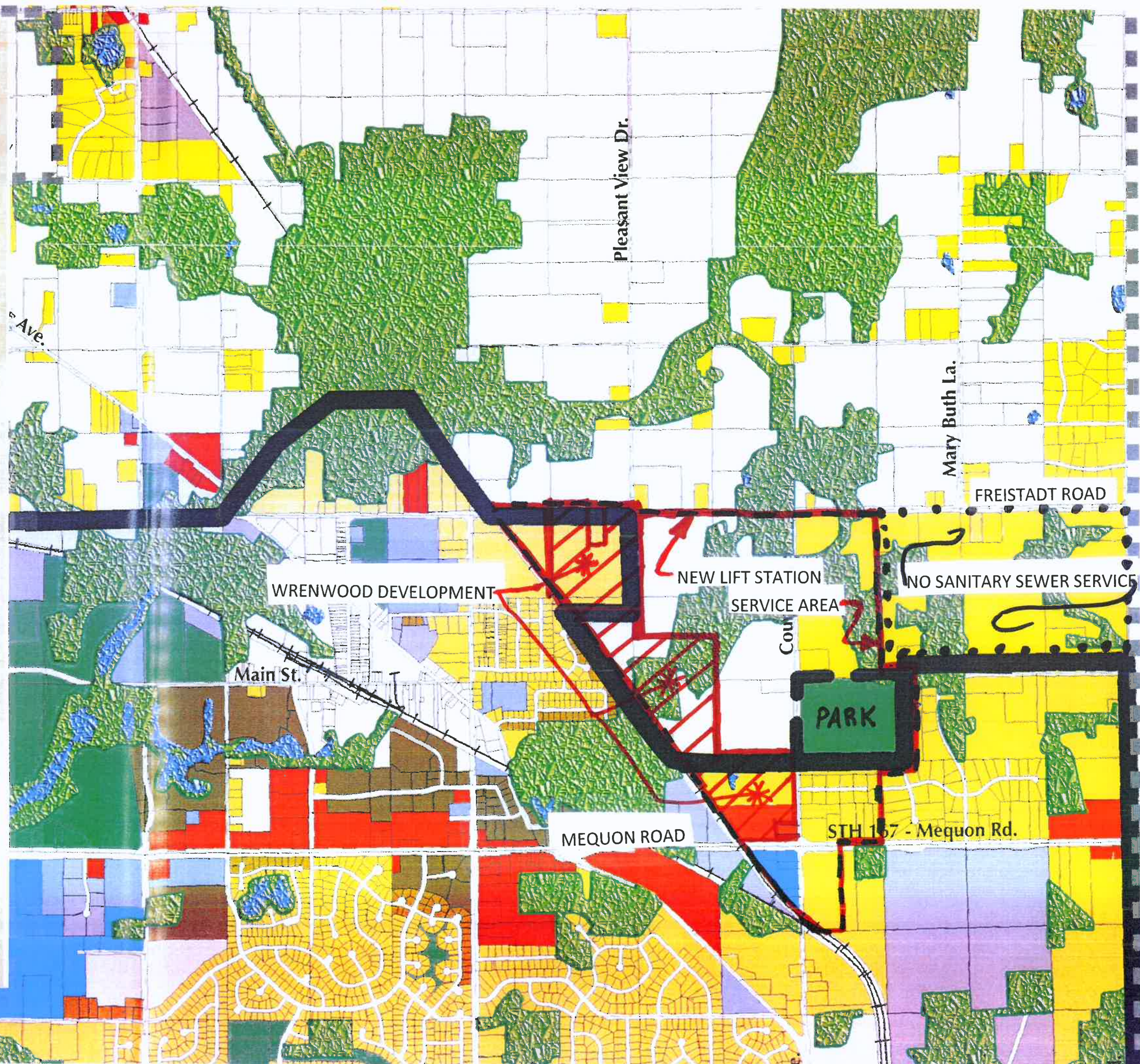
PROPOSED SERVICE AREA FOR INTERCEPTOR SEWER

MEQUON ROAD



Hc

- Agricultural/Conservation Residential
- Rural Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Elderly Residential
- Commercial
- Village Mixed Use
- Mixed Use
- Industrial/Office
- Mineral Extraction
- Institutional/Governmental
- Park/Recreation Area
- Rivers, Lakes and Streams
- Environmental Corridor/Isolated Natural Areas
- 2010 Sanitary Sewer Service Area
- 2020 Sanitary Sewer Service Area Extension
- Municipal Boundary



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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business

D

ITEM TITLE: Discussion regarding Village Water & Sanitary Sewer for Capri Senior Living located in Village of Menomonee Falls

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

SUMMARY EXPLANATION:

Capri Senior Living Development is proposed to be constructed on property owned by Grace Lutheran Church located on the south side of CTH Q west of Appleton Avenue. Grace Lutheran and Capri Senior Living are located within the Village of Menomonee Falls. Grace Lutheran is, in addition to Capri, planning on building a new school in the future. The Grace Church Property is currently serviced by Village of Germantown Water & sanitary Sewer. The proposed Capri development will be constructed in 3 phases with phases one & two to be constructed in 2018. The initial buildout is to include 100 Elderly apartments with a cafeteria and gathering area. Phase 3 will include 49-2 bedroom, 45-1 bedroom & 6-efficiency apartments. The Village of Germantown, by an existing agreement with Menomonee Falls, will supply water and sanitary sewer service to the development. This development is in the same service area that the Village of Germantown currently furnishes water and sanitary sewer service. This area is known as the Bancroft Drive Business Area/ Grace Lutheran Church.

The Village of Menomonee Falls is in the planning stages to extend their sanitary sewer and water main to service the Bancroft Business Area with the purpose of removing this area from being serviced by the Village of Germantown. Grace Lutheran Church and Capri will remain on the Village of Germantown Systems. The Bancroft Area and Capri Senior Living (Phase 1&2) water and sanitary volume will approximately balance each other but Phase 3 of Capri and the future school will increase the flow to the Village of Germantown system.

The two Villages are still in the process of drafting and executing a new agreement to replace the original 1992 agreement.

The sanitary flow in the Bancroft area goes to lift station #6 (buffalo wild wings) and the flow from the Grace Church property flow to lift station # 3 (Maple Rd/Appleton Rd), which is then pumped to lift station #6 which is then pumped to old farm lift station (Division Rd). The lift stations are nearing normal capacity.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER X

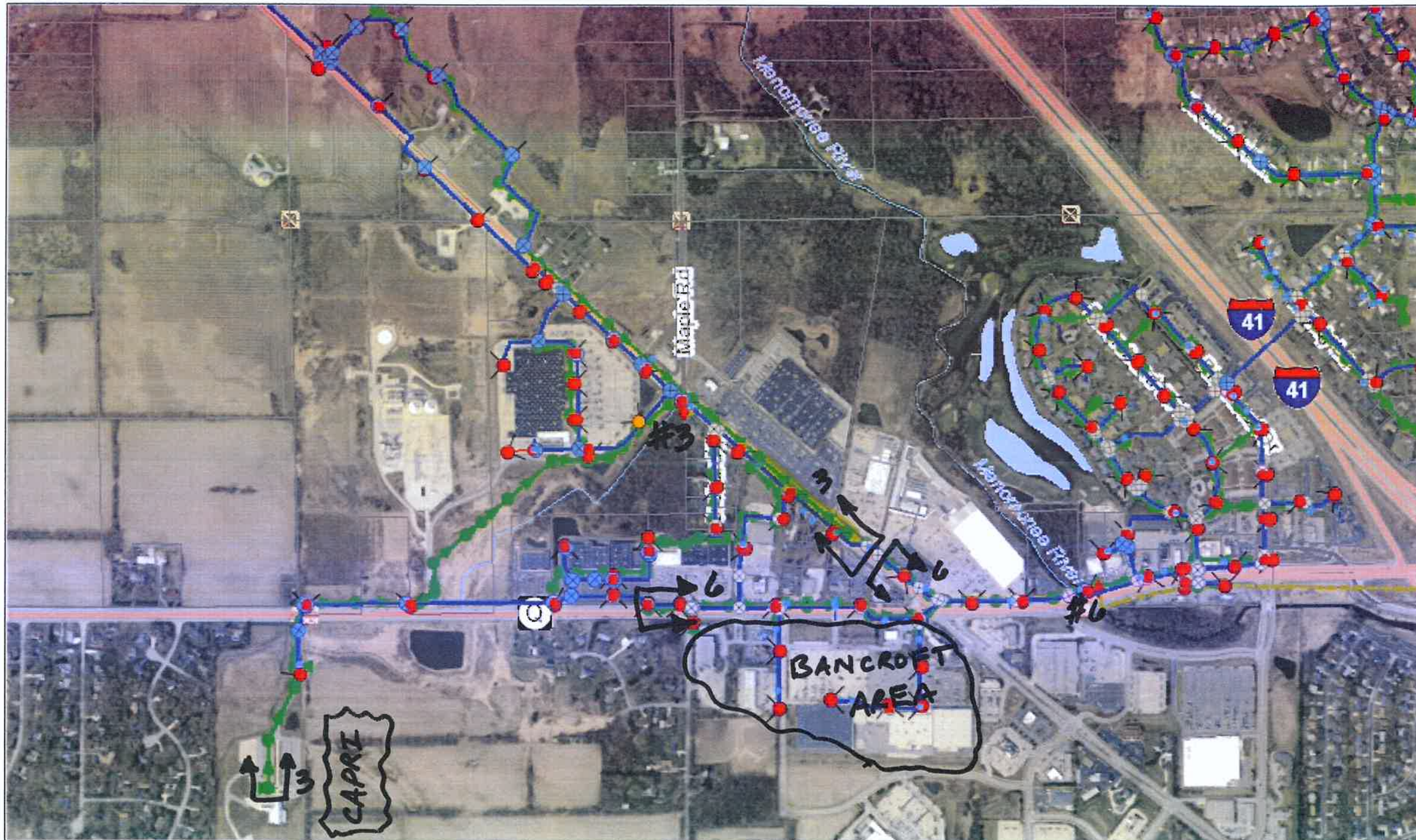
Location Map

RECOMMENDATION:

Staff is bringing this item in front of the Public Works & Highway Committee for information and discussion no action is required.

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.



Village of Germantown

DISCLAIMER:

This map is not a survey of the actual boundary of any property this map depicts.

The Village of Germantown Does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



Village Of Germantown
N112 W17001 Mequon Road
Germantown, WI 53022
262-250-4700



SCALE: 1 = 958'

Print Date: 2/1/2018

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

MEETING DATE: **February 6, 2018**

AGENDA ITEM: New Business **E**

ITEM TITLE: Consideration to pay invoice – Services to repair water lateral failure at N115 W19680 Woodland Dr.

SUBMITTED BY: Paul Haugen, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting authorization to pay the invoice from D F Tomasini Inc. for the repair of the water line failure to the home at N115 W19680 Woodland Dr. This work was authorized under emergency situation because the curb stop had failed on the utility side of the lateral and the property was losing pressure. The invoice is for labor and equipment.

D F Tomasini Inc.	Sussex, WI	\$3,770.00
--------------------------	-------------------	-------------------

ORDINANCE _____ RESOLUTION _____ OTHER _____ ATTACHMENT:

RECOMMENDATION:

Staff recommends paying the invoice from D F Tomasini for emergency water lateral repair.

Staff recommends allocating \$3,770.00 from the 2018 operating budget Acct #50-742-530-6750

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.



N70 W25176 INDIAN GRASS LANE, SUSSEX, WI 53089
FAX 262/820-8400
dft@dftomasini.com

January 4, 2018

Village of Germantown
N122 W17177 Fond du Lac Ave.
Germantown, WI 53022

Attn: Paul Haugen

Re: Repair Copper Water Service
N115 W19680 Woodland Dr.
Germantown, WI
DFT #2007-94

The following is our billing to repair copper water service, per your direction, at the above referenced location.

LABOR & EQUIPMENT:

22.0 Hrs	Labor (12/28/17)	\$85.00	\$1,870.00
7.0 Hrs	Tractor Backhoe	85.00	595.00
4.0 Hrs	OSHA Repair Shield	35.00	140.00
2.0 Hrs	Breaker Attachment	40.00	80.00
7.0 Hrs	Pickup Truck w/ Misc. Hand Tools	40.00	280.00
2.0 EA	Equipment Moves	350.00	700.00
Total Labor & Equipment			\$3,665.00

MATERIALS & SUBCONTRACTORS

1 LS	Fuel	87.50	87.50
Subtotal Materials			\$87.50
Markup on Materials			17.50
Total Materials & Subcontractors			\$105.00
TOTAL AMOUNT DUE			\$3,770.00

Please let me know if you have any questions regarding the information provided

Sincerely,

D.F. TOMASINI CONTRACTORS, INC.

Kirk Dexheimer
President

KD/kk

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

MEETING DATE: Feb 9th, 2018

AGENDA ITEM: New Business **F**

ITEM TITLE: Consideration to replace old system gate valves.

SUBMITTED BY: Paul Haugen, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting an open PO for contract services on a time and material bases to dig and replace water system gate valves that don't work, are hard to turn, and to install new to the system for distribution efficiency to include restoration as needed-hardscape surfaces only. This is an ongoing replacement program.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

Staff recommends authorizing water utility staff to hire as needed a contract service for the replacement of water system gate valves to include restoration costs-hardscape surfaces only not to exceed \$16,000.00

\$16,000.00 was the approved 2018 budgeted amount from account #50-180-183-3430

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: Feb 6th, 2018

AGENDA ITEM: New Business G

ITEM TITLE: Consideration to purchase office replacement furniture and to
Purchase remodeling materials/labor for electrical.

SUBMITTED BY: Paul Haugen, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting permission to replace the aging hand-me-down office furniture from the 1970's in two offices. Also, we are replacing all the carpeting, painting the walls, doing a new wall expansion to increase usable floor space and update aging electrical outlets.

Four office retail facilities were contacted:

1. EBI Emmons Business Interiors-\$12,708.60
2. On-line Office Depot-\$0 did not have matching components
3. On-line NBF National Business Furniture-\$0 did not have matching components
4. OFR Office Furniture Resources-\$11,273.87

OFR Office Furniture Resources 8787 W, Brown Deer Road, Milwaukee WI 53224 \$11,273.87

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

Staff recommends not to exceed the low bid from office furniture resources of \$11,273.87 and we are requesting the entire approved budgeted amount of \$15,000.00 for the additional cosmetic estimated items not to exceed the difference of \$3,726.13.

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.



Office Furniture Resources
8787 W BROWN DEER RD
MILWAUKEE, WI 53224
P: (414) 353-9725
F: (414) 353-9750

QUOTE #	QUOTE010614
QUOTE DATE	1/25/2018
PAGE	1 of 1

BILL TO:

Germantown Utilities

Paul Haugen
W172N12185 Division Road
Germantown, WI 53022
(262) 253-8254

SHIP TO:

Germantown Utilities

Paul Haugen
W172N12185 Division Road
Germantown, WI 53022
(262) 253-8254

PO #	CUSTOMER #	SALES REP	SHIPPING METHOD	TERMS
SCOTT'S OFFICE	GER-877	CM-02	LOCAL DELIVERY	PREPAYMENT

ITEM	QTY	TYPE	MFR.	PROJ #	SIZE	FINISH	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
.AM-389N.MAHO	1	New	Cherryma n		41"x71 "x29"	Sienna Mahogan y	Desk, Bridge, Credenza,BBF Pedestal,FF Pedestal,Hutch,Glass Doors,Wardrobe	\$1,700.00	\$1,700.00
TASKLIGHT	1	Used			36"	Neutral	Tasklight for under hutch	\$50.00	\$50.00
.A201.LIGHT	1	New	Cherryma n		1.5"x68 "x18"	Light Fabric	Tackboard	\$150.00	\$150.00
.EZV-GM224U	1	New	DSA			Black	Double Monitor Arm - Grommet or Clamp Option	\$199.00	\$199.00
.A830.MAHO	1	New	Cherryma n		14"x20 "x2"	Sienna Mahogan y	CENTER DRAWER-.MAHOGANY	\$75.00	\$75.00
.A827.MAHO	1	New	Cherryma n		22"x35 "x29"	Sienna Mahogan y	2-DRAWER LATERAL FILE- .MAHOGANY	\$400.00	\$400.00
.A328.MAHO	1	New	Cherryma n		15x35x 36	Sienna Mahogan y	OPEN HUTCH-36H-.MAHOGANY	\$250.00	\$250.00
.A925.MAHO	4	New	Cherryma n		24"x66 "x29"	Sienna Mahogan y	"CREDENZA SHELL 66X24""-.MAHO" for 4 employees	\$200.00	\$800.00
.A831.MAHO	4	New	Cherryma n		22"x15 "x28"	Sienna Mahogan y	FULL PEDESTAL BBF-.MAHOGANY	\$163.00	\$652.00
TASK CHAIR C	4	Refurb	Steelcase			Burch Fabric "Ninja" 1008353	Steelcase Leap V1 Reupholstered	\$225.00	\$900.00
NOTE	1	Note					Delivery/Installation included on Paul's quote	\$0.00	\$0.00
NOTE	1	Note					All running of electrical and data cords responsibility of the customer.	\$0.00	\$0.00

This Quote Expires in 30 days.

Terms: Payment in full at time of order unless other terms were established and approved in advance. All sales are final unless otherwise noted. Qualified returns are subject to a restocking fee of 25%.

LIFETIME SATISFACTION GUARANTEE

OFR is a certified Woman Owned Small Business

SUBTOTAL	\$5,176.00
TAX	\$289.87
TOTAL	\$5,465.87
DEPOSIT/PAYMENT	\$0.00
BALANCE	\$5,465.87

Signature: _____



Office Furniture Resources
8787 W BROWN DEER RD
MILWAUKEE, WI 53224
P: (414) 353-9725
F: (414) 353-9750

QUOTE #	QUOTE010646
QUOTE DATE	1/30/2018
PAGE	1 of 1

BILL TO:

Germantown Utilities
Paul Haugen W172N12185 Division Road Germantown, WI 53022 (262) 253-8254

SHIP TO:

Germantown Utilities
Paul Haugen W172N12185 Division Road Germantown, WI 53022 (262) 253-8254

PO #	CUSTOMER #	SALES REP	SHIPPING METHOD	TERMS
PAULS OFFICE REVISIO	GER-877	CM-02	LOCAL DELIVERY	PREPAYMENT

ITEM	QTY	TYPE	MFR.	PROJ #	SIZE	FINISH	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
LAMINATE DESK A	1	New				TBD	Laminate desk -	\$1,700.00	\$1,700.00
NOTE	1	Note					3 surfaces/lateral file/3 pedestals/C-legs/pencil drawer/2 binder bins/new tack board/tasklights	\$0.00	\$0.00
NOTE	1	Note					Laminate surfaces and paint to be determined	\$0.00	\$0.00
LATERAL 4D	2	Refurb	Steelcase			Paint TBD	Lateral file 4 drawer	\$325.00	\$650.00
STORAGE A	2	New	Metalarc			Paint TBD	5 Shelf Open Bookcases	\$250.00	\$500.00
TASK CHAIR A	1	New	Steelcase			TBD	Steelcase Leap V2 - Fully loaded	\$650.00	\$650.00
SIDE CHAIR D	2	New				TBD	Side chair	\$150.00	\$300.00
WI LABOR	1	Labor					WI delivery/install/labor	\$1,700.00	\$1,700.00
NOTE	1	Note					Labor, Delivery, Assembly of both Paul and Scott's offices	\$0.00	\$0.00
NOTE	1	Note					Binder Bins wall mounted, tack board wall mounted, lights installed	\$0.00	\$0.00
NOTE	1	Note					Customer responsible for running all data and electrical cords	\$0.00	\$0.00

This Quote Expires in 30 days.

Terms: Payment in full at time of order unless other terms were established and approved in advance. All sales are final unless otherwise noted. Qualified returns are subject to a restocking fee of 25%.

LIFETIME SATISFACTION GUARANTEE
OFR is a certified Woman Owned Small Business

SUBTOTAL	\$5,500.00
TAX	\$308.00
TOTAL	\$5,808.00
DEPOSIT/PAYMENT	\$0.00
BALANCE	\$5,808.00

Signature: _____

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

MEETING DATE: Tuesday February 6th, 2018

AGENDA ITEM: New Business H

ITEM TITLE: Authorization to Pay Invoices: Goschey Mechanical-
Emergency Repair PD Server Room

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is requesting authorization to pay invoices for Goschey Mechanical in the amount of \$7,848.04. The a/c unit for the server room at the police department failed. This room is critical to the operation of the 911 system and dispatch. Staff worked with Goschey Mechanical to get the a/c back on line. Both the roof top unit and the a/c unit in the room itself needed to be completely replaced. The critical nature of the room and a window of decent weather made it necessary to move quickly to get a/c replaced.

The annual operating budget for maintenance & repair for the PD is \$20,000. Spending nearly one third of that for one repair is devastating. It is not a matter of if we will go over budget for 2018, but a matter of when. The PD and Annex are some of the oldest buildings in the Village, and are occupied 24/7. I fear that costly repairs like these will be occurring more often in the near future. We will have to adjust the annual maintenance budget accordingly.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends paying invoices 9872 and 9873 in the total amount of \$7,848.04 to Goschey Mechanical for labor and materials for the replacement of the a/c unit for the server room at the Police Department. Funds may be allocated from Buildings line item 10-519-530-5221.

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.

Goschey Mechanical Inc.

P O Box 405
Germantown WI 53022
Phone 262-306-8845
Fax 262-306-8854

Invoice

Date	Invoice #
1/22/2018	9873

Bill To
VILLAGE OF GERMANTOWN PO BOX 337 GERMANTOWN WI. 53022-0337

WORK SITE AND REQUEST
1/9/18 POLICE DEPT

P.O. No.	Terms	Ordered by

Description	Qty	Amount
REPLACE SERVER ROOM A/C AS PER QUOTE. MITSUBISHI MINI SPLIT WITH LOW AMBIENT AND COLD WEATHER BAFFLES. RED LINK THERMOSTAT FOR BETTER CONTROL. ENVIRONMENTAL DISPOSAL OF OLD UNIT AND FREON.		6,950.00

1.5% INTEREST PER MONTH WILL BE CHARGED ON ALL PAST DUE INVOICES	Subtotal	\$6,950.00
	Sales Tax (0.00)	\$0.00
	Balance Due	\$6,950.00

Goschey Mechanical Inc.

P O Box 405
Germantown WI 53022
Phone 262-306-8845
Fax 262-306-8854

Invoice

Date	Invoice #
1/22/2018	9872

Bill To
VILLAGE OF GERMANTOWN PO BOX 337 GERMANTOWN WI. 53022-0337

WORK SITE AND REQUEST
1/8/18 POLICE DEPT

P.O. No.	Terms	Ordered by

Description	Qty	Amount
LABOR - BRUCE 410A FREON, DYE, HARDWARE	6.5	708.50 189.54
CHECK SERVER ROOM UNIT NOT COOLING PROPERLY - ADD DYE AND REFRIGERANT TO UNIT. LEAK CHECK SYSTEM. COULD NOT LOCATE LEAK ON ROOF. CHECKED EVAPORATOR IN SERVER ROOM - FOUND LEAK IN EVAPORATOR. COIL IS NOT REPAIRABLE AND RECOMMEND REPLACEMENT OF UNIT. PUT SYSTEM BACK TOGETHER AND PUT SYSTEM BACK ON LINE UNTIL REPAIR OR REPLACEMENT.		

1.5% INTEREST PER MONTH WILL BE CHARGED ON ALL PAST DUE INVOICES	Subtotal	\$898.04
	Sales Tax (0.00)	\$0.00
	Balance Due	\$898.04

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

MEETING DATE: Tuesday February 6th, 2018

AGENDA ITEM: New Business I

ITEM TITLE: Authorization to Purchase –Signal cabinet: Appleton and County Line

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is requesting authorization to replace the traffic signal cabinet at Appleton and County Line intersection. The cabinet there is past its useful service life and is in need of replacement. The Village inherited this infrastructure when we took on the jurisdiction and maintenance of Appleton Ave a number of years ago. TAPCO is the only supplier of the cabinet. Staff solicited pricing from area experienced electrical contractors that we have worked with in the past. The results are as follows: This project was part of the 2018 Highway (non borrowed) capital budget.

TAPCO (Cabinet and Start up labor)	\$6,586
Pieper	TBD
Outdoor	\$3,400

Pieper's quote will be provided at meeting. It was not available at the time back up was prepared

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER __x__

RECOMMENDATION:

Staff recommends purchasing the cabinet from TAPCO and the lowest quote submitted between Outdoor Lighting and Pieper Electric. If approved funds shall be allocated from Highway account 10-542-570-8100. \$12,000 was budgeted for this project.

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: February 6, 2018

AGENDA ITEM: New Business

J

ITEM TITLE: Authorization for a Blanket Purchase Order for the Recycling Center for Material Processing

SUBMITTED BY: Timothy K. Zimmerman – Wastewater Superintendent

SUMMARY EXPLANATION:

I am seeking a blanket purchase order for Max R Recovery for material processing for the Recycling Center for 2018, in the amount not to exceed \$18,500. This amount will cover 7 days of wood material processing at the Center.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER

RECOMMENDATION:

It is staff's recommendation to approve the Blanket P.O. to Max R Recovery for the amount not to exceed \$18,500.00. And to forward the same recommendation onto the Village Board for approval. Funds to be allocated from Recycling Budget line item 10-546-570-7960.

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: February 6, 2018

AGENDA ITEM: New Business **K**

ITEM TITLE: Authorization to Purchase and Contract for Installation -
Adjustable Frequency Drives – Main Street and Old Farm Lift
Stations

SUBMITTED BY: Timothy K. Zimmerman – Wastewater Superintendent

SUMMARY EXPLANATION:

The 2018 capital budget for the Wastewater Utility contained monies to replace The AFD's for the pumps at Main Street and Old Farm. The drives currently in place are at end of life and no longer serviceable. A request for proposals was solicited from 3 area control integration companies for material and installation the results are as follows:

Starnet Technologies - Franksville	\$54,525.00
Energenecs – Saukville	\$64,900.00
L.W. Allen – Madison	Did not submit

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER

RECOMMENDATION:

It is staff's recommendation to purchase 5 Rockwell AFD's along with full integration from Starnet Technologies for the amount not to exceed **\$57,525.00**. (Not to exceed amount contains \$3,000.00 in contingency.) And to forward on this recommendation to the Village Board. Monies are budgeted in 60-180-184-3230 Electric Pumping Equipment- in the Wastewater Utility 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 & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business 

ITEM TITLE: WPDES (MS4 Annual Report) & MMSD Ch. 13 Annual Report

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

SUMMARY EXPLANATION:

The Village's Wisconsin Pollutant Discharge Elimination System (WPDES) Municipal Separate Storm Sewer System (MS4) Permit #WI-S065404-1 and the MMSD's Chapter 13 Rule, both require the Village to submit an annual report to both the Wisconsin DNR and the MMSD. Section III.H of the Permit requires that the Village's governing body review and acknowledge that it has been appraised of the Report's contents. The Report's summary (which excludes appendices) is provided to the Committee members for review.

ATTACHMENTS:

- WPDES and MMSD Ch. 13 2016 Annual Reports

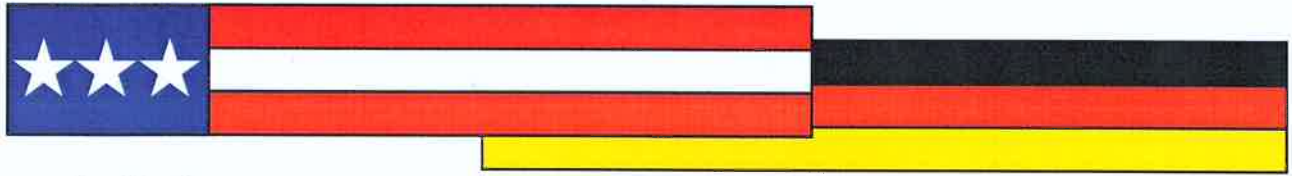
RECOMMENDATION:

Recommend to the Village Board to authorize the Village President to sign the Report and to approve submittal to the Wisconsin DNR and to the MMSD.

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.

Village of



Germantown

WASHINGTON COUNTY
WISCONSIN

2017 WISCONSIN DNR MS4 ANNUAL REPORT

Village of Germantown

WPDES Permit No.
WI-S06540-1

Public Works & Highway Committee: February 6, 2018

Village Board: February 19, 2018

N112 W17001 Mequon Road
P.O. Box 337
Germantown, WI 53022

Phone: (262) 250-4720

Fax: (262) 253-8255

Annual Report Under Municipal Separate Sewer System (MS4) Permit

Form 3400-224 (R 12/17)

Page 1 of 8

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Note: Compliance items must be submitted separately from this report to the Department.

Part I. Municipal Contact Information

This form covers the activities during calendar year 2018

Name of Municipality Village of Germantown	Facility ID No. (FIN) WI-S06540-1	☒ Check to update mailing address information		
Mailing Address N112 W17001 Mequon Road	City Germantown	State WI	ZIP Code 53022	

Municipal Contact Information

☒ Check to update contact information

Name of Municipal Contact Person Lawrence W Ratayczak, P.E.	Title Public Works Director			
Mailing Address N112 W17001 Mequon Road	City Germantown	State WI	ZIP Code 53022	
Phone Number (include area code) (262) 250-4720	Email lratayczak@village.germantown.wi.us			

[+] Additional contacts information (optional) IDDE Program

Contact Information for: IDDE Program

First & Last Name Frank Rosecky	Title Assistant Engineer II			
Mailing Address N112 W17001 Mequon Road	City Germantown	State WI	ZIP Code 53022	
Phone Number (include area code) (262) 250-4722	Email frosecy@village.germantown.wi.us			

Does the municipality rely on another government entity to satisfy some of the permit requirements?

☒ Yes ☐ No ☐ Unsure

Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

☐ Yes ☒ No ☐ Unsure

Part II. Storm Water Program Evaluation – Minimum Control Measures

1. Public Education and Outreach

- a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the [+] to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People reached are both optional.

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Detection and elimination of illicit discharges	Passive print media (brochures at front desk, posters, etc.)			☒ Yes ☐ No

Annual Report Under Municipal Separate Sewer System (MS4) Permit

Form 3400-224 (R 12/17)

Page 2 of 8

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Management of materials that may cause storm water pollution from automobiles, pet waste, household hazardous waste and household practices	Passive print media (brochures at front desk, posters, etc.)			☒ Yes ☐ No
Beneficial onsite reuse of leaves and grass clippings/proper use of lawn and garden fertilizers and pesticides	Passive print media (brochures at front desk, posters, etc.)			☒ Yes ☐ No
Management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways	Passive print media (brochures at front desk, posters, etc.)			☐ Yes ☐ No
Infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks	Passive print media (brochures at front desk, posters, etc.)			☐ Yes ☐ No
Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices	Targeted group training (contractors, consultants, etc.)			☐ Yes ☐ No
Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention	Government event (public hearing, council meeting, etc.)			☐ Yes ☐ No
Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development	Government event (public hearing, council meeting, etc.)			☐ Yes ☐ No
Other				☐ Yes ☐ No

b. Any other Public Education and Outreach program information for inclusion in the Annual Report may be added here or attached on the attachments page.

2. Public Involvement and Participation

a. Describe how the municipality has kept the following local officials and municipal staff apprised of the municipal storm water discharge permit programs and its requirements.

Elected officials

Other municipal officials

Appropriate staff (such as operators, Department heads, and those that interact with the public)

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- b. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the [+] to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People reached are both optional.

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Storm Water Management Plan and/or updates				☐ Yes ☐ No
Storm water related ordinance and/or updates				☐ Yes ☐ No
MS4 Annual Report				☐ Yes ☐ No
Volunteer Opportunities				☐ Yes ☐ No
Other				☐ Yes ☐ No

- c. Any other Public Involvement and Participation program information for inclusion in the Annual Report may be added here or attached on the attachments page.

3. Illicit Discharge Detection and Elimination

- a. How many total outfalls does the municipality have? 16 ☐ Unsure
- b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program? 6 ☐ Unsure
- c. From the municipality's routine screening, how many were confirmed illicit discharges? 0 ☐ Unsure
- d. How many illicit discharge complaints did the municipality receive? 0 ☐ Unsure
- e. From the complaints received, how many were confirmed illicit discharges? 0 ☐ Unsure
- f. How many of the identified Illicit Discharges did the municipality eliminate in the reporting year? 0 ☐ Unsure

- g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance?

Verbal Warning 10

Written Warning (including email) 0

Notice of Violation 0

Civil Penalty/Citation 0

☐ Unsure

- h. Any other Illicit Discharge Detection and Elimination program information for inclusion in the Annual Report may be added here or attached on the attachments page.

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4. Construction Site Pollutant Control

- a. How many total construction sites were active at any point in the reporting year? 66 ☐ Unsure
- b. How many construction sites did the municipality issue permits for in the reporting year? 66 ☐ Unsure
- c. Do the above numbers include sites <1 acre? ☒ Yes ☐ No ☐ Unsure

- d. How many erosion control inspections did the municipality complete in the reporting year? 28 ☐ Unsure

- e. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

- ☒ Verbal Warning 3
- ☒ Written (including email) Warning 0
- ☐ Notice of Violation
- ☒ Stop Work Order 0
- ☐ Civil Penalty/Citation
- ☐ Forfeiture of Deposit
- ☐ No Authority
- ☐ Other – Describe #
- ☐ Unsure

- f. Any other Construction Site Pollutant Control program information for inclusion in the Annual Report may be added here or attached on the attachments page.

5. Post-Construction Storm Water Management

- a. How many new construction sites with new structural storm water management practices have received local approvals? 3 ☐ Unsure
- b. How many privately owned storm water facility inspections were completed in the reporting year? 32 ☐ Unsure

- c. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

- ☒ Verbal Warning 0
- ☒ Written (including email) Warning 0
- ☒ Notice of Violation 0
- ☒ Civil Penalty/Citation 0
- ☒ Forfeiture of Deposit 0
- ☒ Complete maintenance 0
- ☒ Bill responsible party 0
- ☐ No Authority
- ☐ Other – Describe #
- ☐ Unsure

- d. Any other Post-Construction Storm Water Management program information for inclusion in the Annual Report may be added here or attached on the attachments page.

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j. Did the municipality conduct catch basin sump cleaning during the reporting year? ☒ Yes ☐ No ☐ Unsure

k. How many catch basin sumps were cleaned in the reporting year? 63 ☐ Unsure

l. If known, how many tons of material were removed? 58 ☐ Unsure

m. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?

☒ Yes

☐ No-Explain _____

☐ Not Applicable

☐ Unsure

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Leaf Collection Program ☐ Not Applicable

n. Does the municipality conduct curbside leaf collection? ☒ Yes ☐ No ☐ Unsure

o. Does the municipality notify homeowners about pickup? ☐ Yes ☒ No ☐ Unsure

Where are the residents directed to store the leaves for collection?

☐ Pile on terrace ☒ Pile in street ☐ Bags on terrace ☐ Unsure

☐ Other – Describe _____

p. What is the frequency of collection? weekly/as needed

q. Is collection followed by street sweeping/cleaning? ☒ Yes ☐ No ☐ Unsure

Winter Road Management ☐ Not Applicable

*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

r. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? 291 ☐ Unsure

s. Provide amount of de-icing products used by month last winter season.

Solids (tons) (ex. sand, salt, or salt-sand)

Oct 0 Nov 0 Dec 826 Jan 1,235 Feb 205 March* 609

Liquids (gallons) (ex. brine)

Oct 0 Nov 700 Dec 450 Jan 0 Feb 0 March* 0

t. Was salt applying machinery calibrated in the reporting year? ☒ Yes ☐ No ☐ Unsure

u. Have municipal personnel attended salt reduction strategy training in the reporting year? ☐ Yes ☒ No ☐ Unsure

If yes, describe what training was provided. _____

When: _____

How many attended: _____

Internal (Staff) Education & Communication

v. Have training or education on SWPPPs for municipal facilities been held for municipal or other personnel? ☐ Yes ☒ No ☐ Unsure

If yes, describe what training was provided. _____

When: _____

How many attended: _____

w. Any other Pollution Prevention program information for inclusion in the Annual Report may be added here or attached on the attachments page.

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7. Storm Sewer System Map

- a. Did the municipality update their storm sewer map this year? ☒ Yes ☐ No ☐ Unsure

If yes, check the areas the map items that got updated or changed:

- ☐ Storm water treatment facilities
☒ Storm pipes
☐ Vegetated swales
☒ Outfalls
☐ Other _____

- b. Any other Storm Sewer System Map information for inclusion in the Annual Report may be added here or attached on the attachments page.

Part III. Final Evaluation

1. **Fiscal Analysis** Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

Program Element	Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
Public Education and Outreach	\$2,472.17	\$2,500.00	\$2,500.00	General revenue fund
Public Involvement and Participation	\$1,400.00	\$1,500.00	\$1,500.00	SWWT
Illicit Discharge Detection and Elimination	\$1,500.00	\$1,500.00	\$1,500.00	General revenue fund
Construction Site Pollutant Control	\$3,500.00	\$3,500.00	\$3,500.00	Permit fee and/or deposit/escrow
Post-Construction Storm Water Management	\$500.00	\$500.00	\$500.00	General revenue fund
Pollution Prevention	\$500.00	\$500.00	\$500.00	General revenue fund
Storm Water Quality Management				N/A
Storm Sewer System Map	\$20,000.00	\$2,000.00	\$2,000.00	General revenue fund
Other:				N/A

2. Water Quality

- a. Were there any known water quality improvements or degradation in the receiving waters to which the municipality's storm sewer system directly discharges to? ☐ Yes ☒ No ☐ Unsure

If so, explain:

- b. Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year? ☐ Yes ☒ No ☐ Unsure

- c. Has the municipality evaluated their storm water practices to reduce the pollutants of concern? ☒ Yes ☐ No ☐ Unsure

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3. **Additional Information** Based on the municipality's storm water program evaluation in Part II, describe any proposed changes to the municipality's storm water program
NONE

Part IV. Request for Assistance on Improving Permit Programs (optional)

Would municipality like the Department to contact them about providing more information on developing or improving any of the Municipal Separate Storm Sewer Permit programs? Please select from the options below.

- | | |
|--|---|
| ☐ Public Education and Outreach | ☐ Public Involvement |
| ☐ Illicit Discharge Detection and Elimination | ☐ Construction Site Pollutant Control |
| ☐ Post-Construction Storm Water Management | ☐ Pollution Prevention |
| ☐ Storm Water Quality Management | ☐ Water Quality Concerns |
| ☐ Storm Sewer System Map | ☒ Compliance Schedule Items Due |
| | ☐ MS4 Program Evaluation |

Certification

I hereby certify that I am an authorized representative of the municipality covered under Village of Germantown's MS4 Permit for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name	Authorized Representative Printed Title
Dean Wolter	President
Email	Phone Number
dwolter@village.germantown.wi.us	(262) 250-4785

Signature of Authorized Representative

Date Signed (mm/dd/yyyy)

Public Involvement, Education/Outreach BMPs, Measurable Goals, and Progress

Municipal Storm Water Permit Section	Topic	Target Audience	Village Development Plan Review	Village Ordinances / Standard Specification	Village Facebook Page / Web Page	"Respect Our Waters" Campaign	Millwaukee Metropolitan Sewerage District Technical Advisory Team	Millwaukee Metropolitan Sewerage District Inspection '16 Conference	League of Wisconsin Municipalities 118th Annual Conference	American Public Works Assoc. Wisconsin 2016 Fall Conference	Menomonee River Watershed Permits	Enforcements	Staff Time
Part II. A	Public Involvement and Participation	AA	PC: VB	PWHC: VB	PWHC: VB	\$2,355 Don: SL	8 Mgt: 1 Per				App		DPW Projects (35%) Plan Reviews (25%) Policy Develop. (15%) Reg. Compliance (10%) Management (5%) Intergovernment (5%) Misc. (5%) 5% 5% 10% 15% 25%
Part II. B	Public Education and Outreach	AA	Web	Web	Web						2 Mgt		
Part II. B.1.a	Illicit discharges from municipal separate storm sewer systems and associated water quality impacts	AA		Ch 28		App					App	App	
Part II. B.1.b	Sources of pollutant loadings and habitat degradation	AA	App			App					App	App	
Part II. B.1.c	Storm water runoff from residential properties and potential pollutant sources such as pet waste, hazardous household waste, automobile care, and lawn care.	Cont: HoA; Res: SL	App	Web: Ch 27		App		1 Ev: 2 Per			App	App	
Part II. B.1.d	Storm water runoff from commercial properties and, where appropriate, educate specific businesses such as lawn care companies, golf courses, carwashes, and restaurants on pollution prevention.	Bus: Cont; Dev: Engr	LS	Ch 27; Ch 29		App		1 Ev: 2 Per			App	0	
Part II. B.1.e	Beneficial onsite reuse or proper management of leaves and grass clippings	Bus: Cont; DPW; Res		Web		App					App		
Part II. B.1.f	Restorative and protective management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways	Bus: Cont; DPW; Res	App			App		1 Ev: 1 Per	1 Ev: 1 Per	1 Ev: 1 Per	App	App	
Part II. B.1.g	Infiltration and beneficial onsite reuse of residential storm water runoff from rooftops, driveways, and sidewalks through implementation of green infrastructure best management practices such as rain barrels, rain gardens, and permeable pavements.	HoA; Res	App	Ch 27		App	8 Mgt: 1 Per	1 Ev: 2 Per	1 Ev: 1 Per	1 Ev: 1 Per	App		
Part II. B.1.h	Proper design, installation, and maintenance of erosion and sediment control best management practices to minimize, with the intent of eliminating, sediment transport from construction sites. Highlight potential harmful effects on the environment from sediment in construction site runoff	Bus: Cont; DPW; Engr; Res				App							
Part II. B.1.i	Routine inspection and maintenance of storm water best management practices by homeowner associations	HoA; Res	App	Ch 29		App					App	1	
Part II. B.1.j	Watershed education and the contributions of point and nonpoint source pollution on waterbody and waterway impairments	HoA; Res	App	Ch 27		App		1 Ev: 2 Per			App	App	
Part II. B.1.k	BMPs for snow and ice removal and informing audiences about resources that provide further information on methods of reducing application of chemical deicers while maintaining public safety.	AA				App					App		
Part II. B.1.l	BMPs for snow and ice removal and informing audiences about resources that provide further information on methods of reducing application of chemical deicers while maintaining public safety.	Cont: DPW; HoA; Res				App					App		

IDDE OUTFALL 5-YEAR SCREENING PLAN

OUTFALL	2013	2014	2015	2016	2017
GC01	X	X	X	X	X
GC02	X	X	X	X	X
GC03	X			X	
GC04	X	X	X	X	X
GC05	X		X		
JD01	X				
JD02		X			
JD03		X	X	X	
JD04	X	X	X	X	X
JD05		X	X		
JD06		X			
JD07			X		
MR01			X	X	
MR02			X		
MR03	X	X	X	X	X
MR04	X		X	X	
MR05			X	X	
MR06				X	
NX01		X	X	X	
NX02			X		X
NX03					X
NX04					X
WC01	X	X	X	X	X
Priority					
Major					

Any outfall having a pollutant approaching or exceeding thresholds will be tested the following year.

IDDE OUTFALL 5-YEAR HISTORY

OUTFALL SAMPLE EXCEEDED THRESHOLD

POLLUTANT	THRESHOLD	2011	2012	2013	2014	2015	2016
Ammonia	0.1 mg/L				JD03; JD05	JD-03; MR-01	
Detergents	0.5 mg/L						
pH	< 6, or > 9						
Total Chlorine	0.1 mg/L						
Total Copper	0.2 mg/L			GC05			
Phenols	0.1 mg/L		MR01; MR03; GC04	JD04; GC02; GC04; GC05;	GC02; GC04; JD03; JD04; JD05		
Fluoride	0.6 mg/L		WC01; MR04			MR-01	

The causes for the Ammonia readings of 0.3 mg/L at JD-03 and 0.2 mg/L at MR-01 are unknown and dissappeared with the follow up test.

The cause for the Fluoride readings of 0.95 +/- mg/L at outfall MR-01, was an upstream manufacturing plant (Gehl's) that has a WDPES Discharge Teir 2 Permit.

Prioritizing Drainage Areas Using Screening Factors for Illicit Discharge Potential (IDP) of Human Waste																	
SEWRAP Subbasin (With Applicable Storm Sewersheds or Outfalls Nested Beneath)	Outfalls	Area (Acres)	Area (sq mi)	Past Discharge Complaints/ Flowing Outfalls During Dry Weather	Age of Development	Material / Condition of Pipe (NAASCO ratings)	Proximity of Sanitary and Stormwater Pipes - Score	Proximity of Sanitary and Stormwater Pipes - Ranking*	Parcels/ Square Mile - Score	Parcels/ Square Mile - Ranking*	Optional/ Other Poor Water Quality Indicator	Human IDP Raw Score	Human IDP Normalized Score**	Additional Factors***	Final Score	Final Rank	
Goldendale Creek	GC01	98	0.153125	3	1	1	2	21	1	21		7	1.40			1.40	18
	GC02	24	0.0375	3	1	1	2	15	2	11		9	1.80			1.80	14
	GC03	162	0.253125	3	1	1	2	14	2	14		9	1.80			1.80	15
	GC04	85	0.1328125	3	1	1	3	7	2	15	Phenols	10	2.00			2.00	4
	GC05	20	0.03125	1	1	1	1	21	1	21		5	1.00			1.00	22
Menomonee River	MR01	73	0.1140625	3	2	2	1	19	3	5		11	2.20			2.20	9
	MR02	154	0.240625	1	1	1	2	17	2	16		7	1.40			1.40	17
	MR03	148	0.23125	3	1	2	2	9	3	7	Ammonia	11	2.20			2.20	2
	MR04	69	0.1078125	3	1	2	2	18	1	18	Flouride	9	1.80			1.80	7
	MR05	67	0.1046875	3	1	2	3	6	3	4		12	2.40			2.40	8
Willow Creek	WC01	262	0.409375	3	1	2	2	13	2	12	Flouride, Phenols	10	2.00			2.00	3
Jefferson Ditch	JD01	147	0.2286875	1	1	2	2	11	2	9		8	1.60			1.60	16
	JD02	102	0.159375	1	1	1	3	4	3	2		9	1.80			1.80	13
	JD03	77	0.1203125	3	1	1	2	16	2	13	Phenols, Ammonia	9	1.80			1.80	5
	JD04	55	0.0853125	3	1	2	3	3	3	1	Phenols	12	2.40			2.40	1
	JD05	86	0.134375	3	1	1	2	12	2	10	Phenols	9	1.80			1.80	6
North Crossway Channel	JD06	59	0.0921875	1	1	1	3	10	3	3		9	1.80			1.80	12
	JD07	131	0.2046875	3	1	2	3	2	2	6		11	2.20			2.20	10
	NK01	78	0.121875	1	1	1	3	5	1	17		7	1.40			1.40	19
	NK02	135	0.2109375	1	1	1	1	20	1	20		5	1.00			1.00	21
	NK03	100	0.15625	1	1	1	3	8	1	19		7	1.40			1.40	20
NK04	137	0.2140625	3	1	1	3	1	1	2	8		10	2.00			2.00	11

ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: GC - 01 Pipe Size: Dual 48" RCP Discharge Pipe

Basin Area: 162 Acres

Location: Existing discharge pipes are located on the South side of Holy Hill Road, approximately 1670 L.F. West of the intersection of Maple Road.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in.

Is pipe/outfall active? No

Ambient Temperature: 21°F

Water Temperature: N/A°F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A

Odor: N/A

Turbidity: N/A

Floatables: N/A

Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample > 9.0)

Detergent: N/A mg/L (sample < 0.5)

Ammonia: N/A mg/L (sample < 0.1)

Copper: N/A mg/L (sample < 0.2)

Phenols: N/A mg/L (sample < 0.1)

Fluoride: N/A mg/L (sample < 0.6)

Chlorine: N/A mg/L (sample < 1.0)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow, stagnant water sitting in the ditch in front of the flared end sections.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: GC-02 Pipe Size: 4' x 16' (Bridge)

Basin Area: 24 Acres

Location: West side of McCormick Drive between Fulton Drive and Edison Drive. Approximately 630' North of McCormick Drive

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 22 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A
Odor: N/A
Turbidity: N/A
Floatables: N/A
Surface Sheen: N/A

SAMPLE RESULTS

(Expected Range/Level)
pH: N/A (6.0 < sample > 9.0)
Detergent: N/A mg/L (sample < 0.5)
Chlorine: N/A mg/L (sample < 1.0)
Copper: N/A mg/L (sample < 0.2)
Phenols: N/A mg/L (sample < 0.1)
Fluoride: N/A mg/L (sample < 0.6)
Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow, water is stagnant. Ice is starting to form. The last amount of precipitation was snow.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: GC-03 Pipe Size: 42" RCP Discharge Pipe

Basin Area: 107 Acres

Location: The discharge pipe is located north side of Freistadt Road, 620' east of McCormick Drive.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/9/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: Yes

Ambient Temperature: 19 °F

Water Temperature: 36.3 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 8:32 a.m.

OBSERVATIONS

Color: Clear
Odor: None
Turbidity: None
Floatables: None
Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 8.19 (6.0 < sample > 9.0)
Detergent: 0.0 mg/L (sample < 0.5)
Chlorine: 0.0 mg/L (sample < 1.0)
Copper: 0.0 mg/L (sample < 0.2)
Phenols: 0.0 mg/L (sample < 0.1)
Fluoride: 0.0 mg/L (sample < 0.6)
Ammonia: 0.0 mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 2 inches.

Additional Comments/Observations: Very slow flow. Ice starting to form. The last precipitation was snow.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: GC-04 **Pipe Size:** 29" x 45" Culvert

Basin Area: 85 Acres

Location: 100' (+/-) East of the most Easterly entrance of Cove Lane on the South side of Freistadt Road

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 21 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A
Odor: N/A
Turbidity: N/A
Floatables: N/A
Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample < 9.0)
Detergent: N/A mg/L (sample < 0.5)
Chlorine: N/A mg/L (sample < 1.0)
Copper: N/A mg/L (sample < 0.2)
Phenols: N/A mg/L (sample < 0.1)
Fluoride: N/A mg/L (sample < 0.6)
Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) **Water Level in Pipe/Channel:** N/A inches.

Additional Comments/Observations: No Flow, water is stagnant in front of the pipe. The last precipitation was snow.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall: JD-03

Pipe Size: 48" RCP Culvert

Basin Area: 77 Acres

Location: Located north of Fieldstone Pass, approximately 600 ft east Auburn Lane. Behind the properties W160 N10674 and N106 W16124 Fieldstone Pass

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in.

Is pipe/outfall active: Yes

Ambient Temperature: 25°F

Water Temperature: 47.2°F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 12/7/2016 11:37 am

OBSERVATIONS

Color: Clear

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 7.74 (6.0 < sample > 9.0)

Detergent: 0.0 mg/L (sample < 0.5)

Chlorine: 0.0 mg/L (sample < 1.0)

Copper: 0.0 mg/L (sample < 0.2)

Phenols: 0.0 mg/L (sample < 0.1)

Fluoride: 0.0 mg/L (sample < 0.6)

Ammonia: 0.0 mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (~2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 1.5 inches.

Additional Comments/Observations: Slow Flow. Some Blockage. Tribute the flow to running sump pumps and snow melt runoff from yards. The last precipitation was from snow.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall: JD-04 Pipe Size: 48" RCP

Basin Area: 55 Acres

Location: 48" RCP pipe outfall is in Alt Bauer Park, West of Wagon Trail at Fieldstone Pass. Storm line runs between W165 N10681 & W165 N10669 Wagon Trail. ST 273-165

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in.

Is pipe/outfall active? Yes

Ambient Temperature: 22 °F

Water Temperature: 50.4 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 12/7/2016 10:56 a.m.

OBSERVATIONS

Color: Clear
Odor: None
Turbidity: None
Floatables: None
Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 7.72 (6.0 < sample < 9.0)
Detergent: 0.00 mg/L (sample < 0.5)
Ammonia 0.00 mg/L (sample < 0.1)
Copper: 0.00 mg/L (sample < 0.2)
Phenols: 0.0 mg/L (sample < 0.1)
Fluoride 0.07 mg/L (sample < 0.6)
Chlorine: 0.0 mg/L (sample < 1.0)

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (< 2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 1 inch.

Additional Comments/Observations: Water was low and clear. The flow was slow. The water level height was taken from a concrete slab in front of the flared end section because it was creating a weir. Tribute the flow from sump pumps and from the last of the snow melt runoff. The last precipitation was from snow.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall: MR-01 Pipe Size: 38" x 60" (reduces at outfall)

Basin Area: 73 acres Location: Behind storage building at an abandoned quarry, west of Park Avenue

Inspector's Names: Eric Bartlein

Date of Inspection: 12/9/2016

Date & amount of last rainfall: 12/4/16 0.31 in.

Is pipe/outfall active? Yes

Ambient Temperature: 21 °F

Water Temperature: 54.4 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9:18 a.m.

OBSERVATIONS

Color: Clear

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 8.34 (6.0 < sample < 9.0)

Detergent: 0.10 mg/L (sample < 0.5)

Chlorine: 0.0 mg/L (sample < 1.0)

Copper: 0.0 mg/L (sample < 0.2)

Phenols: 0.0 mg/L (sample < 0.1)

Fluoride: 0.18 mg/L (sample < 0.6)

Ammonia: 0.0 mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 1.0 inches.

Additional Comments/Observations: Good Constant Flow, Very Clear Water.

**VILLAGE OF GERMANTOWN, WI
ILLICIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: MR-03 **Pipe Size:** 48" RCP Culvert

Basin Area: 148 Acres

Location: North of Mequon Road Approx. 900' of Squire Drive.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 23 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE **Date/Time:** No Sample Taken

OBSERVATIONS

Color: N/A
Odor: N/A
Turbidity: N/A
Floatables: N/A
Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample > 9.0)
Detergent: N/A mg/L (sample < 0.5)
Chlorine: N/A mg/L (sample < 1.0)
Copper: N/A mg/L (sample < 0.2)
Phenols: N/A mg/L (sample < 0.1)
Fluoride: N/A mg/L (sample < 0.6)
Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow, stagnant water in front of the pipe. The last precipitation was snow.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: MR-04 Pipe Size: 48" CMP Discharge Culvert Pipe

Basin Area: 69 Acres

Location: Located on Mequon Road at the northeast corner of Mequon Road and Lannon Road.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 25 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A

Odor: N/A

Turbidity: N/A

Floatables: N/A

Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample < 9.0)

Detergent: N/A mg/L (sample < 0.5)

Chlorine: N/A mg/L (sample < 1.0)

Copper: N/A mg/L (sample < 0.2)

Phenols: N/A mg/L (sample < 0.1)

Fluoride: N/A mg/L (sample < 0.6)

Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: MR-05 **Pipe Size:** 48" RCP Discharge Pipe

Basin Area: 131 Acres

Location: Northeast corner of the intersection of Division Road and Revere Lane. Culvert crosses Revere Lane.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/7/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 25 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE **Date/Time:** No Sample Taken

OBSERVATIONS

Color: N/A

Odor: N/A

Turbidity: N/A

Floatables: N/A

Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample > 9.0)

Detergent: N/A mg/L (sample < 0.5)

Chlorine: N/A mg/L (sample < 1.0)

Copper: N/A mg/L (sample < 0.2)

Phenols: N/A mg/L (sample < 0.1)

Fluoride: N/A mg/L (sample < 0.6)

Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow, pool of water in front flared end section stagnant. The pool has a small oil sheen to it.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: MR-06 Pipe Size: 12" and 15" Discharge Pipes

Basin Area: 5.5 Acres

Location: N122 W17177 Fond Du Lac Ave, north access on
Division Road.

Inspector's Names: Eric Bartlein

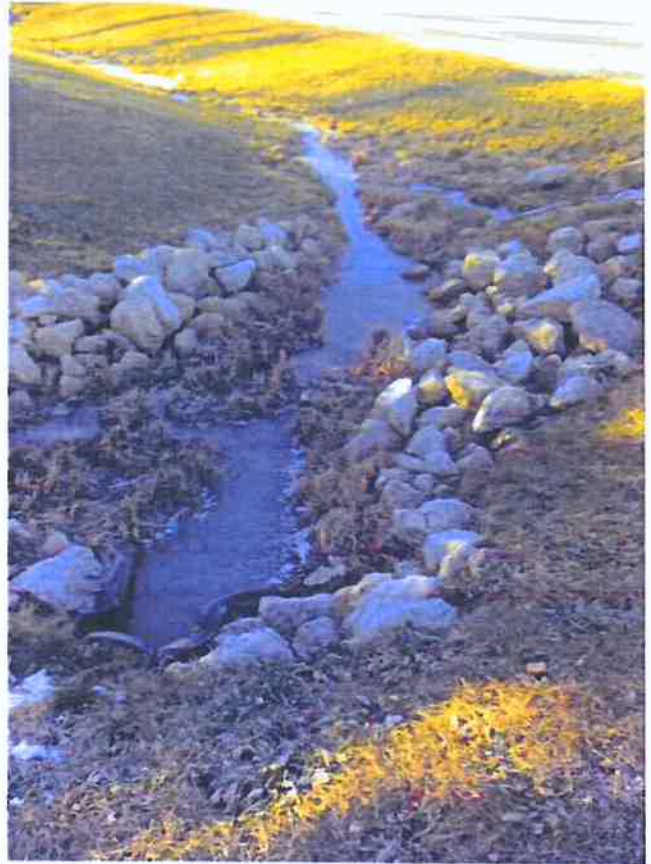
Date of Inspection: 12/9/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 21 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A

Odor: N/A

Turbidity: N/A

Floatables: N/A

Surface Sheen: N/A

SAMPLE RESULTS (Expected Range/Level)

pH: N/A (6.0 < sample > 9.0)

Detergent: N/A mg/L (sample < 0.5)

Chlorine: N/A mg/L (sample < 1.0)

Copper: N/A mg/L (sample < 0.2)

Phenols: N/A mg/L (sample < 0.1)

Fluoride: N/A mg/L (sample < 0.6)

Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No flow, sitting water in the ditch has frozen.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: NX-01 Pipe Size: 54" RCP Discharge Pipe

Basin Area: 78 Acres

Location: Existing discharge pip is located on the Northwest corner of the TIF 4 detention pond, East side of Washington Drive. Approx. 925' South of the intersection of Washington & Ellsworth Drive.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/9/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: No

Ambient Temperature: 21 °F

Water Temperature: N/A °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: No Sample Taken

OBSERVATIONS

Color: N/A

Odor: N/A

Turbidity: N/A

Floatables: N/A

Surface Sheen: N/A

SAMPLE RESULTS

(Expected Range/Level)

pH: N/A (6.0 < sample > 9.0)

Detergent: N/A mg/L (sample < 0.5)

Chlorine: N/A mg/L (sample < 1.0)

Copper: N/A mg/L (sample < 0.2)

Phenols: N/A mg/L (sample < 0.1)

Fluoride: N/A mg/L (sample < 0.6)

Ammonia: N/A mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: N/A inches.

Additional Comments/Observations: No Flow, water sits halfway up through the pipe. All frozen.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: WC-01 **Pipe Size:** 48" RCP Discharge Pipe

Basin Area: 262 Acres

Location: South side Of Mequon Road approximately East of the intersection of Mequon road & Carnegie Drive.

Inspector's Names: Eric Bartlein

Date of Inspection: 12/9/2016

Date & amount of last rainfall: 12/4/16 0.31 in

Is outfall active: Yes

Ambient Temperature: 20 °F

Water Temperature: 41 °F



OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 8:51 a.m.

OBSERVATIONS

Color: Clear

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS

(Expected Range/Level)

pH: 8.52 (6.0 < sample < 9.0)

Detergent: 0.0 mg/L (sample < 0.5)

Chlorine: 0.0 mg/L (sample < 1.0)

Copper: 0.0 mg/L (sample < 0.2)

Phenols: 0.0 mg/L (sample < 0.1)

Fluoride: 0.05 mg/L (sample < 0.6)

Ammonia: 0.0 mg/L (sample < 0.1)

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s)

Water Level in Pipe/Channel: 5.5 inches.

Additional Comments/Observations: Very slow flow, large blockage downstream. Also, dirt pile up in front of flared end section.

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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business L

ITEM TITLE: WPDES (MS4 Annual Report) & MMSD Ch. 13 Annual Report

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

SUMMARY EXPLANATION:

The Village's Wisconsin Pollutant Discharge Elimination System (WPDES) Municipal Separate Storm Sewer System (MS4) Permit #WI-S065404-1 and the MMSD's Chapter 13 Rule, both require the Village to submit an annual report to both the Wisconsin DNR and the MMSD. Section III.H of the Permit requires that the Village's governing body review and acknowledge that it has been appraised of the Report's contents. The Report's summary (which excludes appendices) is provided to the Committee members for review.

ATTACHMENTS:

- WPDES and MMSD Ch. 13 2016 Annual Reports

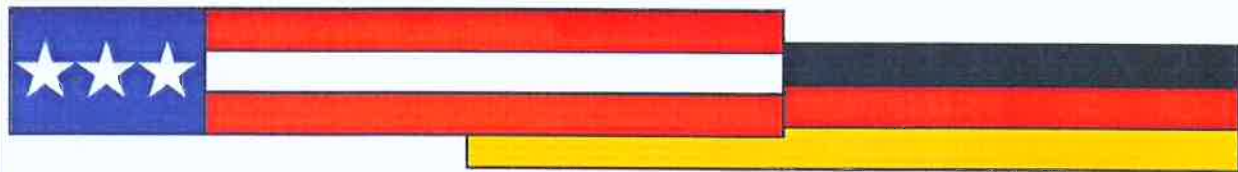
RECOMMENDATION:

Recommend to the Village Board to authorize the Village President to sign the Report and to approve submittal to the Wisconsin DNR and to the MMSD.

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.

Village of



Germantown

WASHINGTON COUNTY
WISCONSIN

2016 MMSD CHAPTER 13 ANNUAL REPORT

Village of Germantown

Public Works & Highway Committee: March 7, 2017

Village Board: March 20, 2017

N112 W17001 Mequon Road
P.O. Box 337
Germantown, WI 53022

Phone: (262) 250-4720

Fax: (262) 253-8255

Chapter 13 Annual Report

Annual reports are due on or before April 30th of each year for the preceding calendar year and must be organized by watershed.

Municipality: Village of Germantown

Date Submitted: 2/21/2017

Submitted for calendar year: 2016

A. WPDES STORMWATER PERMIT

Attach a copy of WDNR required annual report.

B. Inspection and Maintenance Activities [sec 13.12(3)(g)]

Watershed	Name of Approval Project	Inspection/Maintenance Activities
Menomonee	TID #6	Constructed 4 Storm Water Ponds.
Menomonee	TID #4	Inspected Regional Storm Water Pond.
Menomonee	Skyline (Sport Specialists)	Plan Review. Site Inspections.
Menomonee	All-Temp	Plan Review. Site Inspections.
Menomonee	Germantown Memory Care	Site Inspections.

C. Proposed Developments

Summary of foreseeable projects subject to sec. 13.10.

Watershed	Project Name	Size of Project	New Impervious Area (acres)	Anticipated Construction Year
Menomonee	Saxony Village	23.67 acres	7.02 acres	2017
Menomonee	Presbyterian Homes	34.97 acres	4.82 acres	2017
Menomonee	Gehl's Parking Lot	0.65 acres	0.12 acres	2017
Menomonee	Goldendale Multi-Tenant	4.82 acres	1.87 acres	2017

D. Storm Sewer/Culvert Modifications

List projects which increased or will increase storm sewer to greater than 36" diameter or increase capacity of existing stormwater conveyance systems or outfalls.

Watershed	Project Name	Previous Size (inch-diameter)	Previous Capacity (cfs)	New Size (inch-diameter)	New Capacity (cfs)
	None				

E. Runoff Reduction

List projects that have reduced runoff by removal of impervious surfaces.

Watershed	Project Name	Impervious Area Removed (acres)	Impervious Area Transferred (acres)	Name of Project Transferred To	Date Transfer Occurred
	None				

F. Multi-jurisdictional Watershed Projects

Watershed	Project Name	Governmental Units Involved	Size of Development (acres)
	None		

For each project identified above, include a discussion relating to the status.

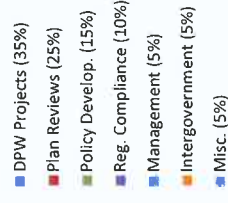
G. Any other plans to increase/decrease runoff volume or peak flow

Watershed	Project Name, if applicable	Increase/Decrease Volume (ft ³)	Increase/Decrease Peak Flow (cfs)
	None		

Include a discussion of plans that will reduce runoff management requirements for new impervious surface in response to the removal of impervious surfaces at other sites.

Municipal Storm Water Permit Section	Topic	Target Audience	Village Development Plan Review	Village Ordinances / Standard Specification	Village Facebook Page / Web Page	"Respect Our Waters" Campaign	Illwaukee Metropolitan Sewerage District Technical Advisory Team	Illwaukee Metropolitan Sewerage District Inspection '16 Conference	League of Wisconsin Municipalities	American Public Works Assoc. Wisconsin 2016 Fall Conference	Memomonee River Watershed Permits	Enforcements
Part II. A	Public Involvement and Participation	AA	PC; VB	PWHC; VB		PWHC; VB					App	
Part II. B	Public Education and Outreach	AA	Web	Web	Web	\$2,355 Don; SL	8 Mtg; 1 Per				2 Mtg	
Part II. B.I.a	Illicit discharges from municipal separate storm sewer systems and associated water quality impacts	AA	Web	Web	Web	App					App	App
Part II. B.I.b	Sources of pollutant loadings and habitat degradation	AA	App	Ch 28		App					App	App
Part II. B.I.c	Storm water runoff from residential properties and potential pollutant sources such as pet waste, hazardous household waste, automobile care, and lawn care.	Con; HoA; Res; St	App	Web; Ch 27		App		1 Ev; 2 Per			App	App
Part II. B.I.d	Storm water runoff from commercial properties and, where appropriate, educate specific businesses such as lawn care companies, golf courses, carwashes, and restaurants on pollution prevention.	Bus; Con; Dev; Engr	15	Ch 27; Ch 29		App		1 Ev; 2 Per			App	0
Part II. B.I.e	Beneficial onsite reuse or proper management of leaves and grass clippings.	Bus; Con; DPW; Res		Web		App					App	
Part II. B.I.f	Restorative and protective management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways	Bus; Con; DPW; Res	App			App			1 Ev; 1 Per	1 Ev; 1 Per	App	App
Part II. B.I.g	Infiltration and beneficial onsite reuse of residential storm water runoff from rooftops, driveways, and sidewalks through implementation of green infrastructure best management practices such as rain barrels, rain gardens, and permeable pavements.	HoA; Res	App	Ch 27		App	8 Mtg; 1 Per	1 Ev; 2 Per	1 Ev; 1 Per	1 Ev; 1 Per	App	
Part II. B.I.h	Proper design, installation, and maintenance of erosion and sediment control best management practices to minimize, with the intent of eliminating, sediment transport from construction sites. Highlight potential harmful effects on the environment from sediment in construction site runoff.	Bus; Con; DPW; Engr; Res	37	Ch 29		App					App	1
Part II. B.I.i	Routine inspection and maintenance of storm water best management practices by homeowner associations	HoA; Res	App	Ch 27		App					App	App
Part II. B.I.j	Watershed education and the contributions of point and nonpoint source pollution on waterbody and waterway impairments	AA				App		1 Ev; 2 Per			App	
Part II. B.I.k	BMPs for snow and ice removal and informing audiences about resources that provide further information on methods of reducing application of chemical deicers while maintaining public safety	Con; DPW; HoA; Res				App					App	

Staff Time



Legend

AA = All Audiences
 App = Applicable
 Bus = Businesses
 Ch = Chap. of Municipal Code
 Con = Contractors
 Dev = Developers
 Don = Donation
 DPW = Dept. of Public Works
 Engr = Engineers
 Ev = Events
 HoA = Home Owners Assoc.
 Mtg = Meeting
 PC = Planning Commission
 Per = Persons
 PWHC = Public Works & Highway Committee
 Res = Residents
 St = Students
 SL = Support Letter
 V = Views
 VB = Village Board
 Web = Village Website

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

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business

M

ITEM TITLE: Request to Approve \$1318.19 Contribution to SWEET Water Regional NR216 Education & Outreach Efforts for Village's MS4 Storm Water Permit

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

SUMMARY EXPLANATION:

The Village's Municipal Separate Storm Sewer System (MS4) storm water permit with the Menomonee River municipalities requires the Village to engage in public Education & Outreach (E&O) efforts regarding environmental stewardship and storm water management topics. Instead of each municipality engaging in its own efforts and duplicating efforts, we have each been contributing to a pool managed by SWEET Water. SWEET Water then contracted an advertising agency to conduct the effort. SWEET Water has also successfully obtained supplemental grant monies in the past, and advertising agencies have managed to obtain discounted and supplemental donated times from numerous news agencies.

Staff recommends approval.

ATTACHMENTS:

- SWEET Water letter

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: Frank Rosecky
Sent: Monday, January 08, 2018 3:24 PM
To: Lawrence Ratayczak
Subject: FW: Respect Our Waters Invoice 1268 from Sweet Water, Inc.

Larry

The bill finally came.

Frank

From: Southeastern Wisconsin Watersheds Trust, Inc. [mailto:quickbooks@notification.intuit.com]
Sent: Monday, January 8, 2018 1:14 PM
To: Frank Rosecky <frosecky@village.germantown.wi.us>
Cc: linse@swwtwater.org
Subject: Respect Our Waters Invoice 1268 from Sweet Water, Inc.



Southeastern Wisconsin Watersheds Trust, Inc.

INVOICE	DUE DATE	BALANCE DUE
1268	02/07/2018	\$1,318.19

[View invoice](#)

Dear Frank,

Please click the 'View invoice' button to view your invoice. For your convenience, we offer two options for submitting payments. (1) Quick, easy and secure payments by bank transfer/ACH (2) Print your invoice and submit your payment via snail mail.

It is my understanding that Jake Fincher, Stormwater Program Manager, recently sent your community information regarding the 2018 Respect Our Waters program along with a cost matrix. However, please feel free to contact Jake with any additional questions you might have regarding the program, fincher@swwtwater.org.

To Cleaner Stormwater,

Jen Linse
Program Manager & Accounts Payable/Receivable
linse@swwtwater.org

Southeastern Wisconsin Watersheds Trust, Inc.
600 East Greenfield Ave.
Milwaukee, WI 53204



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**BUSINESS OF THE PUBLIC WORKS AND HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 6, 2018

AGENDA ITEM: New Business

N

ITEM TITLE: Request for Approval of the Finalized List of Proposed 2018 Street Projects

SUBMITTED BY: John Laning, P.E., Village Engineer

SUMMARY EXPLANATION:

Staff will hand out at the meeting, the proposed list of roads to be improved as part of the Village's Annual 2018 Road Improvements Project; scheduled for bidding in March, 2018. The roads proposed for construction are part of the Village's Five Year Road Improvements Plan and slated for construction in 2018. Staff seeks approval of these roads as the finalized list to be bid and constructed this year.

ATTACHMENT: ORDINANCE____ RESOLUTION____ OTHER X

- News Article (December 23, 2017)

RECOMMENDATION:

Staff recommends approval of the proposed roads, as presented, for bidding and construction in 2018.

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.

Survey: Residents in Rosewood Drive area still don't want sewer and water

When repaving of four streets that are directly northeast of Hwy. 41/45 and north of Mequon Road occurs in the future, there won't likely be any sewer and water main installation to go with following resident opposition as expressed in survey taken by German-town Village Trustee Dennis Myers.

Myers surveyed residents on Woodland Drive, Rosewood Drive, Oakview Drive and Merkel Drive earlier this fall. Myers explained the background to the issue during a recent interview with the Express News.

According to information from the village, the village was considering installing water and sewer mains in the area 18 years ago but the plans were dropped after residents expressed opposition in a survey, with 66 percent of residents in the area opposing the proposal. Myers said that approximately 18 months ago, he and Trustee Art Zabel compiled a list of possible streets to be done as part of a five year plan. As the discussion of new road work started around December 2016, the idea of sewer and water mains was suggested again at the committee level. Those plans were put on hold as the village sought a new Public Works director and later a new village administrator.

In June, Myers suggested to current Public Works Director Larry Ratayczak about conducting a new survey about sewer and water. Information from a survey sheet that was prepared by the village indicated that the estimated cost of sanitary sewer, water main and laterals to the property line would be approximately \$300 per line front foot of a property.

Ratayczak come up with a list of 43 residents who could be part of a survey, and Myers spent three weeks seeking responses to determine if the residents on those streets were interested in sewer and water. Myers got responses from 39 of 43 residents while conducting the survey from Oct. 2 and Nov. 5, with seven expressing an interest in sewer and water while 32 opposed the option. As a result, Myers indicated that road improvements would occur without sewer and water main installation.

Myers later indicated that a committee is considering possible work on roads in the area in 2018. He added that when work does happen on those roads, the survey indicated that the majority of residents are opposed to water and sewer installation.

-By Thomas J. McKillen, Managing Editor

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