ATTACHMENTS

CITY OF SHEBOYGAN

REQUEST FOR PUBLIC WORKS COMMITTEE CONSIDERATION

ITEM DESCRIPTION: A resolution authorizing the appropriate City officials to approve Change Order No. 2 to the Agreement with Wondra Construction, Inc. regarding Butzen Sports Complex.

REPORT PREPARED BY: Ryan Sazama, City Engineer

REPORT DATE: June 7, 2021 **MEETING DATE:** June 15, 2021

FISCAL SUMMARY:

Budget Line Item:	40053000-631100
Budget Summary:	Construction Services
Budget Expenditure:	$26,201
Budgeted Revenue:	N/A

STATUTORY REFERENCE:

Wisconsin Statues:	N/A
Municipal Code:	N/A

BACKGROUND / ANALYSIS: The City of Sheboygan currently has a contract with Wondra Construction for the construction of the sport fields at the Butzen Sports Complex for $331, 926. In December of 2020 additional construction work was added to this contract (Change Order No. 1) for $44,0000 for additional sediment traps for the site. The Department of Public Works would like to complete the storm water requirements for this site at a cost of $26,201. Since this second Change Order will exceed 15% of the original contract amount City of Sheboygan Common Council approval is needed per Wis. Stat. 62.15 (1c).

STAFF COMMENTS: Since Wondra Construction, Inc. still has their construction equipment on site it makes financial sense to have Wondra Construction complete all storm water requirements to satisfy all DNR Storm Water rules and regulations moving forward for this phase of the work. DPW staff believes if we would bid this additional $26,201 worth of work that the bids would be much higher due to the fact that all potential bidders would have a significant mobilization cost in their bid. As mentioned above Wondra Construction still has all their construction equipment on site therefore there is no mobilization cost.

ACTION REQUESTED: Motion to recommend the Common Council adopt Res. No. 20-21-22 a resolution authorizing the appropriate City officials to approve Change Order No. 2 to the Agreement with Wondra Construction, Inc. regarding Butzen Sports Complex.

ATTACHMENTS:

I. Res. No. 20-21-22
II. Proposal for Butzen Sports Complex, Wet Pond Grading and Pipe

III

Res. No. 70 - 21 - 22. By Alderpersons Dekker and Perrella. June 7, 2021.

A RESOLUTION authorizing the appropriate City officials to approve Change Order No. 2 to the Agreement with Wondra Construction, Inc. regarding Butzen Sports Complex.

WHEREAS, pursuant to Res. No. 112-20-21, the City entered into a contract with Wondra Construction, Inc. for grading and related work at the Butzen Farm property as part of the development of the Butzen Sports Complex; and

WHEREAS, the original contract with Wondra Construction, Inc. provided that Wondra Construction, Inc. would receive an amount not to exceed $331,926 for the grading and related work; and

WHEREAS, City Staff believes it is in the best interest to have additional related work performed at Butzen Farm; and

WHEREAS, Wondra Construction, Inc. is willing to perform the additional related work described in Change Order No. 2, which is attached to this Resolution; and

WHEREAS, Change Order No. 2 provides that Wondra Construction, Inc. would do the related work at a cost of $26,201; and

WHEREAS, Wis. Stat. § 62.15(1c) generally provides that the "quantity of construction" may not be increased by more than 15% of the original contract price; and

WHEREAS, City Staff has already approved Change Order No. 1 in the amount of $44,000; and

WHEREAS, as a result, Change Order No. 2 would increase the quantity of construction by more than 15% of the original contract price; and

WHEREAS, in *Gottschalk Bros., Inc. v. Wausau*, the Wisconsin Supreme Court identified an exception to Wis. Stat. § 62.15(1c) when a contract establishes a "unit price" for work done.

NOW, THEREFORE, BE IT RESOLVED: That the appropriate City officials are authorized to approve Change Order No. 2 with Wondra Construction, Inc.

PW

BE IT FURTHER RESOLVED: That the appropriate City officials are authorized to draw funds, not to exceed $26,201.00 from Account No. 40053000-631100 (Improvements Other Than Buildings).

I HEREBY CERTIFY that the foregoing Resolution was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated _____ 20____. _____, City Clerk

Approved _____ 20____. _____, Mayor

WONDRA CONSTRUCTION, INC.

W2874 Graylog Road
Iron Ridge, WI 53035
920-387-5840 – Fax 920-387-4734
info@wondraconstruction.com

May 13, 2021

Tim Moyer
City of Sheboygan, Department of Public Works
2026 New Jersey Ave.
Sheboygan, WI 53081

Proposal for Butzen Sports Complex, Wet Pond Grading & Pipe

Dear Tim,

Thank you for the proposal request for the Wet Pond Grading & associated pipe work on the Butzen Sports Complex. Here is our pricing breakdown:

Wet Pond Grading & Pipe Work

Description	Qty	Units	Unit Price	Total Price
Grading for SE Detention Basin -Includes Riprap Spillway & Restoration.	1	LS	$20,500.00	$20,500.00
15" HDPE Pond Outflow Pipe	44	LF	$ 49.75	$ 2,189.00
15" HDPE Pond Outflow Pipe Endwall	1	EA	$ 170.00	$ 170.00
24" HDPE Pipe	44	LF	$ 63.00	$ 2,772.00
24" HDPE Pipe Endwall	2	EA	$ 285.00	$ 570.00
Total:				**$26,201.00**

Removals from Sports Complex Grading Contract

Description	Qty	Units	Unit Price	Total Price
18" Culvert Pipe	-26	LF	$ 70.00	$ (1,820.00)
18" Culvert Pipe Endwalls	-2	EA	$ 500.00	$ (1,000.00)
Total:				**$ (2,820.00)**

Please let me know if you have any questions or need additional information. We look forward to working with you as this project development continues!

Sincerely,

Matt Cameron

ABC Associated Builders and Contractors, Inc. Wisconsin Chapter

AWEA American Wind Energy Association

AQC Associated Builders and Contractors, Inc

CITY OF SHEBOYGAN

REQUEST FOR PUBLIC WORKS COMMITTEE CONSIDERATION

ITEM DESCRIPTION: A resolution authorizing the appropriate City officials to enter into a contract with Buteyn-Construction Company, Inc. for the Union Avenue Reconstruction (Georgia Avenue to S. 26th Street).

REPORT PREPARED BY: Ryan Sazama, City Engineer

REPORT DATE: June 7, 2021 **MEETING DATE:** June 15, 2021

FISCAL SUMMARY:

Budget Line Item:	See attached Resolution
Budget Summary:	See attached Resolution
Budget Expenditure:	$818,964.96
Budgeted Revenue:	N/A

STATUTORY REFERENCE:

Wisconsin Statues:	N/A
Municipal Code:	N/A

BACKGROUND / ANALYSIS: The attached document authorizes the department to enter into a contract for the reconstruction of Union Avenue between Georgia Avenue and South 26th Street. This project will reconstruct an older rural roadway with no curb and gutter, to an urban roadway with curb and gutter. Other work will include upgraded storm sewer and street lighting. The sanitary sewer is in good condition, except for one manhole that will be repaired.

This construction is being completed in advance of the opening of the new Aurora Hospital further west on Union Avenue.

STAFF COMMENTS: Department of Public Works recommends adopting the resolution.

ACTION REQUESTED: Motion to recommend the Common Council adopt Res. No. 21-21-22 authorizing the appropriate City officials to enter into a contract with Buteyn-Construction Company, Inc. for the Union Avenue Reconstruction (Georgia Avenue to S. 26th Street).

ATTACHMENTS:

I. Res. No. 21-21-22
II. Buteyn-Peterson Construction Company Agreement
III. Bid Summary

2456-21 Union Avenue Reconstruction (Georgia Avenue to S. 26th Street) (#7831743)
Owner: Sheboygan WI, City of
Solicitor: Sheboygan WI, City of
06/01/2021 02:00 PM CDT

						Buteyn-Peterson Construction Company		Advance Construction Inc.	
Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension	Unit Price2	Extension3
	1	1	Mobilization	LS	1	$30,000.00	$30,000.00	$28,500.00	$28,500.00
	2	2	Traffic Control	LS	1	$8,000.00	$8,000.00	$8,000.00	$8,000.00
	3	3	PCMS Signing	Days	28	$100.00	$2,800.00	$100.00	$2,800.00
	4	4	Detour Signing	LS	1	$2,200.00	$2,200.00	$2,200.00	$2,200.00
	5	5	Clearing and Grubbing	Sta.	1	$1,750.00	$1,750.00	$1,000.00	$1,000.00
	6	6	Clearing and Grubbing	ID	28	$125.00	$3,500.00	$40.00	$1,120.00
	7	7	Removing Curb and Gutter	LF	170	$5.00	$850.00	$5.00	$850.00
	8	8	Removing Concrete Sidewalk	SY	30	$10.00	$300.00	$4.50	$135.00
	9	9	Removing Pavement	SY	360	$10.00	$3,600.00	$4.50	$1,620.00
	10	10	Removing Inlets	Each	3	$385.00	$1,155.00	$350.00	$1,050.00
	11	11	Milling Concrete Pavement, 3-inch	SY	1900	$3.30	$6,270.00	$3.30	$6,270.00
	12	12	Abandoning inlet Leads	Each	2	$380.00	$760.00	$700.00	$1,400.00
	13	13	Adjusting Manholes	Each	6	$500.00	$3,000.00	$1,000.00	$6,000.00
	14	14	Reconstructing Manholes	Each	3	$750.00	$2,250.00	$1,500.00	$4,500.00
	15	15	Salvage and Reset Manhole Frame and Lid	Each	4	$850.00	$3,400.00	$1,500.00	$6,000.00
	16	16	Excavation Common	CY	4778	$20.00	$95,560.00	$18.15	$86,720.70
	17	17	Base Aggregate Dense 3/4-Inch	Tons	225	$20.00	$4,500.00	$14.25	$3,206.25
	18	18	Base Aggregate Dense 1 1/4-Inch	Tons	5825	$11.50	$66,987.50	$14.00	$81,550.00
	19	19	HMA Pavement 4 MT 58-28 S	Tons	2175	$68.70	$149,422.50	$68.70	$149,422.50
	20	20	Tack Coat (0.06 GALS/SY)	Gal	630	$3.00	$1,890.00	$3.00	$1,890.00
	21	21	Concrete Sidewalk 4-Inch	SF	10750	$4.40	$47,300.00	$4.80	$51,600.00
	22	22	Radial Detectable Warning Fields	SF	62	$30.00	$1,860.00	$65.00	$4,030.00
	23	23	Concrete Base 7-Inch	SY	95	$50.00	$4,750.00	$69.00	$6,555.00
	24	24	Concrete Driveway 6-Inch	SY	170	$52.00	$8,840.00	$58.50	$9,945.00
	25	25	Concrete Steps	SF	20	$65.00	$1,300.00	$95.00	$1,900.00
	26	26	Railing	LF	5.5	$300.00	$1,650.00	$150.00	$825.00
	27	27	Concrete Surface Drain	SY	5	$135.00	$675.00	$135.00	$675.00
	28	28	Concrete Curb and Gutter 30-Inch	LF	3470	$14.20	$49,274.00	$14.65	$50,835.50
	29	29	Sidewalk Integral Pedestrian Curb	LF	115	$30.00	$3,450.00	$45.00	$5,175.00
	30	30	Sawing Curb Head	LF	30	$25.00	$750.00	$25.00	$750.00
	31	31	Sawing Concrete	LF	215	$2.00	$430.00	$1.95	$419.25
	32	32	Sawing Asphalt	LF	230	$1.50	$345.00	$1.55	$356.50
	33	33	Inlets Type N1	Each	11	$1,475.00	$16,225.00	$1,690.00	$18,590.00
	34	34	Inlet Castings	Each	11	$550.00	$6,050.00	$641.00	$7,051.00
	35	35	Inlet Castings Type C	Each	1	$400.00	$400.00	$472.00	$472.00
	36	36	Manhole 4-FT Diameter	Each	3	$2,150.00	$6,450.00	$2,360.00	$7,080.00
	37	37	Storm Manhole Casting	Each	2	$405.00	$810.00	$455.00	$910.00
	38	38	Sanitary Sewer Repair	LS	1	$9,200.00	$9,200.00	$10,000.00	$10,000.00
	39	39	12-Inch Storm Sewer	LF	171	$77.00	$13,167.00	$87.50	$14,962.50
	40	40	15-Inch Storm Sewer	LF	513	$72.00	$36,936.00	$84.00	$43,092.00
	41	41	18-Inch Storm Sewer	LF	36	$112.00	$4,032.00	$102.50	$3,690.00
	42	42	Underground Detention System (78" DIA X 46' LONG)	LS	1	$25,300.00	$25,300.00	$30,000.00	$30,000.00
	43	43	Lighting Assembly Type B	Each	19	$3,997.20	$75,946.80	$3,925.00	$74,575.00
	44	44	Streetlight Base	Each	19	$975.00	$18,525.00	$1,585.00	$30,115.00
	45	45	Pull Box	Each	1	$750.00	$750.00	$1,340.00	$1,340.00
	46	46	Lighting Control Cabinet	Each	1	$9,700.00	$9,700.00	$11,797.00	$11,797.00
	47	47	Electrical Wire Lighting 6 AWG	LF	1964	$1.65	$3,240.60	$1.75	$3,437.00
	48	48	Electrical Wire lighting 4 AWG	LF	7656	$2.40	$18,374.40	$2.65	$20,288.40
	49	49	Conduit, 2-Inch	LF	1964	$6.50	$12,766.00	$6.69	$13,139.16
	50	50	Pavement Marking 4-Inch (Yellow)	LF	3695	$0.85	$3,140.75	$0.85	$3,140.75
	51	51	Pavement Marking 6-Inch Crosswalk (White)	LF	215	$1.25	$268.75	$1.25	$268.75
	52	52	Pavement Marking 8-Inch Channelizing (White)	LF	200	$1.75	$350.00	$1.75	$350.00
	53	53	Pavement Marking 12-Inch Diagonal (Yellow)	LF	225	$2.65	$596.25	$2.65	$596.25
	54	54	Pavement Marking 12-Inch Stop Bar (White)	LF	52	$2.65	$137.80	$2.65	$137.80
	55	55	Pavement Marking Left Turn Arrow	Each	3	$75.00	$225.00	$75.00	$225.00
	56	56	Pavement Marking Words	Each	2	$95.00	$190.00	$95.00	$190.00
	57	57	Silt Fence	LF	1700	$2.00	$3,400.00	$2.00	$3,400.00
	58	58	Inlet Protection	Each	15	$50.00	$750.00	$125.00	$1,875.00
	59	59	Rock Bags	Each	30	$10.00	$300.00	$11.00	$330.00
	60	60	Topsoil	SY	3400	$6.00	$20,400.00	$4.50	$15,300.00
	61	61	Hydro-Seed	SY	3400	$2.00	$6,800.00	$3.90	$13,260.00
	62	62	Construction Staking	LS	1	$10,714.61	$10,714.61	$2,500.00	$2,500.00
	63	63	Televising Video Conversion Allowance	LS	1	$5,000.00	$5,000.00	$5,000.00	$3,323.00
Total							$818,964.96		$862,736.31

Note:
Line Item 63 for Advance Construction was changed to $5,000. $5,000 is the correct amount for the allowance.

III

4.6

Res. No. 21 - 21 - 22. By Alderpersons Dekker and Perrella. June 7, 2021.

A RESOLUTION authorizing the appropriate City officials to enter into a contract with Buteyn-Peterson Construction Company, Inc. for the Union Avenue Reconstruction (Georgia Avenue to S. 26th Street).

WHEREAS, the City of Sheboygan has advertised for bids to reconstruct Union Avenue (Georgia Avenue to S. 26th Street); and

WHEREAS, two bids were received in response to that advertisement; and

WHEREAS, the low bid was from Buteyn-Peterson Construction Company, Inc. in the amount of $818,964.96; and

WHEREAS, the City Engineer has reviewed the bids and determined that the low bid met all of the specifications.

NOW, THEREFORE, BE IT RESOLVED: That the appropriate City officials are hereby authorized to enter into the attached agreement with Buteyn-Peterson Construction Company, Inc. for the reconstruction of Union Avenue (Georgia Avenue to S. 26th Street).

BE IT FURTHER RESOLVED: That the appropriate City officials are authorized to draw funds, not to exceed $327,500.00 from Account No. 40033140-631200 and $491,464.96 from Account No. 48033140-631200 to pay for the construction done pursuant to the agreement.

PW

Trevor Perrella

Dean Dekker

I HEREBY CERTIFY that the foregoing Resolution was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated _____ 20 . _____, City Clerk

Approved _____ 20 . _____, Mayor

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and between City of Sheboygan ("Owner") and Buteyn-Peterson Construction, Inc. ("Contractor").

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: municipal street and utility construction.

ARTICLE 2 – THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: Union Avenue Reconstruction, Georgia Avenue to S. 26th Street for the City of Sheboygan, Wisconsin, City Bid Number: 2456-21

2.02 City of Sheboygan Resolution: {Resolution Number}

2.03 City of Sheboygan Account Number: {Account Number(s)}

ARTICLE 3 – ENGINEER

3.01 The part of the Project that pertains to the Work has been designed by the City of Sheboygan

3.02 The Engineering Division, Department of Public Works, City of Sheboygan, Sheboygan, WI will assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Dates*

A. The Work will be substantially completed on or before November 1, 2021 and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the 14th day following substantial completion.

4.03 *Milestones*

A. Parts of the Work must be substantially completed on or before the following Milestone(s):

1. Milestone 1: All Asphalt Paving completed on or before October 1, 2021.

4.04 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and

Milestones not achieved within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. Substantial Completion: Contractor shall pay Owner the amount identified in paragraph 19.01 of the Supplementary Conditions for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02.A above for Substantial Completion until the Work is substantially complete.
2. Completion of Remaining Work: After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner the amount identified in paragraph 19.01 of the Supplementary Conditions for each day that expires after such time until the Work is completed and ready for final payment.
3. Liquidated damages for failing to timely attain Substantial Completion and final completion are not additive and will not be imposed concurrently.
4. Milestones: Contractor shall pay Owner the amount identified in paragraph 19.01 of the Supplementary Conditions for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for achievement of each Milestone, until Milestone is achieved.

B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

4.05 *Special Damages*

C. In addition to the amount provided for liquidated damages, Contractor shall reimburse Owner (1) for any fines or penalties imposed on Owner as a direct result of the Contractor's failure to attain Substantial Completion according to the Contract Times, and (2) for the actual costs reasonably incurred by Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Substantial Completion (as duly adjusted pursuant to the Contract), until the Work is substantially complete.

D. After Contractor achieves Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times, Contractor shall reimburse Owner for the actual costs reasonably incurred by Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Work to be completed and ready for final payment (as duly adjusted pursuant to the Contract), until the Work is completed and ready for final payment.

ARTICLE 5 – CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:

A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item) as stated in Contractor's Bid, attached hereto as an exhibit.

B. The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on the third Wednesday of the Month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract

a. 95 percent of Work completed (with the balance being retainage). If the Work has been 50 percent completed as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage; and

b. 0 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less 200 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 15.06.

6.04 *Interest*

A. All amounts not paid when due shall bear interest at the rate of 0 percent per annum.

ARTICLE 7 – CONTRACT DOCUMENTS

7.01 *Contents*

A. The Contract Documents consist of the following:

1. This Agreement.
2. Bonds:
    a. Performance.
    b. Payment bond.
3. Specifications as listed in the table of contents of the project manual (copy of list attached and incorporated by reference).
4. Drawings as listed in the table of contents of the drawings (copy of list attached and incorporated by reference).
5. Exhibits to this Agreement (enumerated as follows):
    a. Contractor's Bid consisting of 1 page.
6. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
    a. Notice to Proceed,
    b. Work Change Directives,
    c. Change Orders,
    d. Field Order,
    e. Task Orders.

B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 7.

D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8 – ARTICLE 8—REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 *Contractor's Representations*

A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:

1. Contractor has examined and carefully studied the Contract Documents, including Addenda.
2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.

4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.

5. Contractor has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

9. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

10. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

8.02 *Contractor's Certifications*

A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C-700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or "track changes" (redline/strikeout), or in the Supplementary Conditions.

(Continued on next page)

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____ (which is the Effective Date of the Contract).

OWNER:
City of Sheboygan

By: _____
(signature)
Name, Title: Ryan Sorenson, Mayor

Date: _____

Attest:

By: _____
(signature)
Name, Title: Meredith DeBruin, City Clerk

Date: _____

Signatures authorized pursuant to Res. ___-21-22.

Address for giving notices:
City of Sheboygan – Engineering Division
2026 New Jersey Avenue
Sheboygan, WI 53081

CONTRACTOR:
{Contractor}_____

By: _____
(signature)
Name, Title: _____
(printed)

Date: _____

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Address for giving notices:

_____

_____

_____

Approved as to form and Execution:

By: _____
(signature)
Name, Title: Charles C. Adams, City Attorney

Date: _____

Union Avenue Reconstruction
Georgia Avenue to S. 26th Street

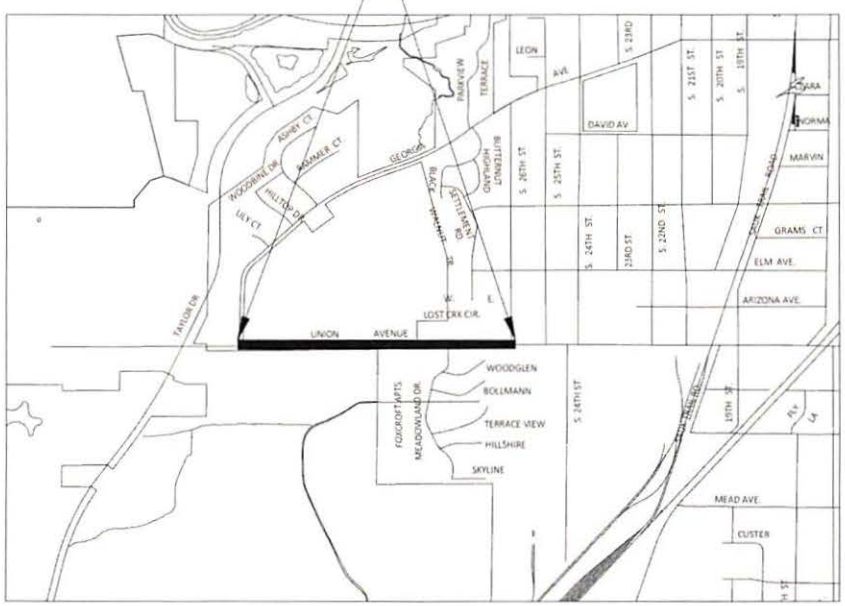
BID NUMBER: 2456-21

CITY OF SHEBOYGAN
DEPARTMENT OF PUBLIC WORKS

UNION AVENUE RECONSTRUCTION
GEORGIA AVE - S 26TH ST

MAY 2021

PROJECT LOCATION



NOT TO SCALE

INDEX OF SHEETS

SHEET NO.	DRAWING NO.	DESCRIPTION
1	000 CV	TITLE SHEET
2	001 GN	GENERAL NOTES
3	020 OP	OVERALL PLAN
4	030 SC	SURVEY CONTROL
5-17	040 D 1-13	CONSTRUCTION DETAILS
18-19	110 EC 1-2	EROSION CONTROL
20-22	205 SS 1-3	SEWER DETAILS
23-26	D 1-4	UNDERGROUND DETENTION SYSTEM DETAILS
27-30	300 LP 1-4	LIGHTING PLAN
31-32	305 SM 1-2	SIGNING AND MARKING
33	310 TC	TRAFFIC CONTROL
34-39	400 PP 1-6	PLAN & PROFILE SHEETS
40-41	600 PD 1-2	PAVING DETAILS
42-44	700 MQ 1-3	MISCELLANEOUS QUANTITIES
45	800 XS	EARTHWORK TABLES
46-70	900 XS 1-25	CROSS SECTIONS

Date
Drawn By
Revision Number
Revision Description

UNION AVENUE RECONSTRUCTION
GEORGIA AVE - S 26TH ST
TITLE SHEET

CITY OF SHEBOYGAN
PUBLIC WORKS

City of Sheboygan
Department of Public Works
Engineering Division
2026 New Jersey Avenue
Sheboygan, WI 53081

Ryan Sazama, PE - City Engineer

Designed By	TJM
Drawn By	TJM
Checked By	KEJ
Plot Date	5/1/2021
Bid No.	2456-21
Project Date	MAY 2021
Sheet No.	
Drawing No.	000CV

PLOTTED BY: Meyer, Tim

FILE NAME: P:\ENGINEERING\STREETS\UNION AVENUE\GEORGIA TO S 26TH ST\PRODUCTION\PLAN SHEETS\000CV.DWG
LAYOUT NAME - 000CV

2456-21 Union Avenue Reconstruction (Georgia Avenue to S. 26th Street) (#7831743)
Owner: Sheboygan WI, City of
Solicitor: Sheboygan WI, City of
06/01/2021 02:00 PM CDT

						Buteyn-Peterson Construction Company	
Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension
	1	1	Mobilization	LS	1	$30,000.00	$30,000.00
	2	2	Traffic Control	LS	1	$8,000.00	$8,000.00
	3	3	PCMS Signing	Days	28	$100.00	$2,800.00
	4	4	Detour Signing	LS	1	$2,200.00	$2,200.00
	5	5	Clearing and Grubbing	Sta.	1	$1,750.00	$1,750.00
	6	6	Clearing and Grubbing	ID	28	$125.00	$3,500.00
	7	7	Removing Curb and Gutter	LF	170	$5.00	$850.00
	8	8	Removing Concrete Sidewalk	SY	30	$10.00	$300.00
	9	9	Removing Pavement	SY	360	$10.00	$3,600.00
	10	10	Removing Inlets	Each	3	$385.00	$1,155.00
	11	11	Milling Concrete Pavement, 3-inch	SY	1900	$3.30	$6,270.00
	12	12	Abandoning inlet Leads	Each	2	$380.00	$760.00
	13	13	Adjusting Manholes	Each	6	$500.00	$3,000.00
	14	14	Reconstructing Manholes	Each	3	$750.00	$2,250.00
	15	15	Salvage and Reset Manhole Frame and Lid	Each	4	$850.00	$3,400.00
	16	16	Excavation Common	CY	4778	$20.00	$95,560.00
	17	17	Base Aggregate Dense 3/4-Inch	Tons	225	$20.00	$4,500.00
	18	18	Base Aggregate Dense 1 1/4-Inch	Tons	5825	$11.50	$66,987.50
	19	19	HMA Pavement 4 MT 58-28 S	Tons	2175	$68.70	$149,422.50
	20	20	Tack Coat (0.06 GALS/SY)	Gal	630	$3.00	$1,890.00
	21	21	Concrete Sidewalk 4-Inch	SF	10750	$4.40	$47,300.00
	22	22	Radial Detectable Warning Fields	SF	62	$30.00	$1,860.00
	23	23	Concrete Base 7-Inch	SY	95	$50.00	$4,750.00
	24	24	Concrete Driveway 6-Inch	SY	170	$52.00	$8,840.00
	25	25	Concrete Steps	SF	20	$65.00	$1,300.00
	26	26	Railing	LF	5.5	$300.00	$1,650.00
	27	27	Concrete Surface Drain	SY	5	$135.00	$675.00
	28	28	Concrete Curb and Gutter 30-Inch	LF	3470	$14.20	$49,274.00
	29	29	Sidewalk Integral Pedestrian Curb	LF	115	$30.00	$3,450.00
	30	30	Sawing Curb Head	LF	30	$25.00	$750.00
	31	31	Sawing Concrete	LF	215	$2.00	$430.00
	32	32	Sawing Asphalt	LF	230	$1.50	$345.00
	33	33	Inlets Type N1	Each	11	$1,475.00	$16,225.00
	34	34	Inlet Castings	Each	11	$550.00	$6,050.00
	35	35	Inlet Castings Type C	Each	1	$400.00	$400.00
	36	36	Manhole 4-FT Diameter	Each	3	$2,150.00	$6,450.00
	37	37	Storm Manhole Casting	Each	2	$405.00	$810.00
	38	38	Sanitary Sewer Repair	LS	1	$9,200.00	$9,200.00
	39	39	12-Inch Storm Sewer	LF	171	$77.00	$13,167.00
	40	40	15-Inch Storm Sewer	LF	513	$72.00	$36,936.00
	41	41	18-Inch Storm Sewer	LF	36	$112.00	$4,032.00
	42	42	Underground Detention System (78" DIA X 46' LONG)	LS	1	$25,300.00	$25,300.00
	43	43	Lighting Assembly Type B	Each	19	$3,997.20	$75,946.80
	44	44	Streetlight Base	Each	19	$975.00	$18,525.00
	45	45	Pull Box	Each	1	$750.00	$750.00
	46	46	Lighting Control Cabinet	Each	1	$9,700.00	$9,700.00
	47	47	Electrical Wire Lighting 6 AWG	LF	1964	$1.65	$3,240.60
	48	48	Electrical Wire lighting 4 AWG	LF	7656	$2.40	$18,374.40
	49	49	Conduit, 2-Inch	LF	1964	$6.50	$12,766.00
	50	50	Pavement Marking 4-Inch (Yellow)	LF	3695	$0.85	$3,140.75
	51	51	Pavement Marking 6-Inch Crosswalk (White)	LF	215	$1.25	$268.75
	52	52	Pavement Marking 8-Inch Channelizing (White)	LF	200	$1.75	$350.00
	53	53	Pavement Marking 12-Inch Diagonal (Yellow)	LF	225	$2.65	$596.25
	54	54	Pavement Marking 12-Inch Stop Bar (White)	LF	52	$2.65	$137.80
	55	55	Pavement Marking Left Turn Arrow	Each	3	$75.00	$225.00
	56	56	Pavement Marking Words	Each	2	$95.00	$190.00
	57	57	Silt Fence	LF	1700	$2.00	$3,400.00
	58	58	Inlet Protection	Each	15	$50.00	$750.00
	59	59	Rock Bags	Each	30	$10.00	$300.00
	60	60	Topsoil	SY	3400	$6.00	$20,400.00
	61	61	Hydro-Seed	SY	3400	$2.00	$6,800.00
	62	62	Construction Staking	LS	1	$10,714.61	$10,714.61
	63	63	Televising Video Conversion Allowance	LS	1	$5,000.00	$5,000.00
Total							$818,964.96

CITY OF SHEBOYGAN

REQUEST FOR PUBLIC WORKS COMMITTEE CONSIDERATION

ITEM DESCRIPTION: A resolution informing the Wisconsin Department of Natural Resources (WDNR) that the 2020 Compliance Maintenance Annual Report (CMAR) has been reviewed.

REPORT PREPARED BY: Steve Jossart, Superintendent of Wastewater

REPORT DATE: June 7, 2021 **MEETING DATE:** June 15, 2021

FISCAL SUMMARY:

Budget Line Item:	N/A
Budget Summary:	N/A
Budget Expenditure:	N/A
Budgeted Revenue:	N/A

STATUTORY REFERENCE:

Wisconsin Statues:	NR 208 Wis Adm. Code
Municipal Code:	N/A

BACKGROUND / ANALYSIS: The Compliance Maintenance Annual Report (CMAR) is required as a part of our Wisconsin Pollution Discharge Elimination System (WPDES) permit for the purpose of assessing the management activities, physical condition, and performance of the wastewater plant. The report covers a number of areas which include influent flow and loading, effluent quality and plant removal performance for Biochemical Oxygen Demand (BOD5), Total Suspended Solids (TSS), Total Phosphorous, biosolids quality and management, staffing and preventive maintenance, operator certification, collection system performance, and financial management. A letter grade is received for each section of the report along with an overall grade for the facility.

STAFF COMMENTS: The Sheboygan Wastewater Treatment Plant received an “A” grade for all areas of the report for 2020. Items we are focused on to maintain a perfect score for 2021 include; certifying additional operators for the Sanitary Sewage Collection Systems subclass, continued improvement of our sanitary sewer collection system, and overall improvement of effluent quality.

ACTION REQUESTED: The Wisconsin Department of Natural Resources requires a resolution be submitted as part of the Compliance Maintenance Annual Report documenting that the Common Council has reviewed the document. The CMAR is then electronically filed with a due date of June 30, 2021.

ATTACHMENTS:

I. Res. No. 22-21-22
II. Sheboygan Regional WWTP 2020 CMAR

III

4.7

Res. No. W - 21 - 22. By Alderpersons Dekker and Perrella. June 7, 2021.

A RESOLUTION informing the Wisconsin Department of Natural Resources (WDNR) that the 2020 Compliance Maintenance Annual Report (CMAR) has been reviewed.

RESOLVED: That the City of Sheboygan hereby informs the WDNR that the Common Council has reviewed the 2020 CMAR, which is attached to this resolution.

BE IT FURTHER RESOLVED: That the Sheboygan Regional Wastewater Treatment Facility received an "A" grade for each section of the 2020 CMAR, and require no further action by council.

BE IT FURTHER RESOLVED: That the 2020 CMAR be accepted and placed on file.

RW

I HEREBY CERTIFY that the foregoing Resolution was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated _____ 20____. _____, City Clerk

Approved _____ 20____. _____, Mayor

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant

Last Updated: 6/2/2021 Reporting For: **2020**

Influent Flow and Loading

1. Monthly Average Flows and BOD Loadings

1.1 Verify the following monthly flows and BOD loadings to your facility.

Influent No. 701	Influent Monthly Average Flow, MGD	x	Influent Monthly Average BOD Concentration mg/L	x	8.34	=	Influent Monthly Average BOD Loading, lbs/day
January	12.9752	x	105	x	8.34	=	11,314
February	11.4027	x	128	x	8.34	=	12,161
March	14.4866	x	113	x	8.34	=	13,632
April	12.1863	x	136	x	8.34	=	13,862
May	18.3097	x	87	x	8.34	=	13,266
June	13.7296	x	100	x	8.34	=	11,476
July	14.3943	x	113	x	8.34	=	13,539
August	12.5501	x	125	x	8.34	=	13,129
September	10.7535	x	142	x	8.34	=	12,755
October	10.0729	x	170	x	8.34	=	14,311
November	9.9506	x	174	x	8.34	=	14,471
December	9.6605	x	221	x	8.34	=	17,839

2. Maximum Monthly Design Flow and Design BOD Loading

2.1 Verify the design flow and loading for your facility.

Design	Design Factor	x	%	=	% of Design
Max Month Design Flow, MGD	25.2	x	90	=	22.68
		x	100	=	25.2
Design BOD, lbs/day	27940	x	90	=	25146
		x	100	=	27940

2.2 Verify the number of times the flow and BOD exceeded 90% or 100% of design, points earned, and score:

	Months of Influent	Number of times flow was greater than 90% of	Number of times flow was greater than 100% of	Number of times BOD was greater than 90% of design	Number of times BOD was greater than 100% of design
January	1	0	0	0	0
February	1	0	0	0	0
March	1	0	0	0	0
April	1	0	0	0	0
May	1	0	0	0	0
June	1	0	0	0	0
July	1	0	0	0	0
August	1	0	0	0	0
September	1	0	0	0	0
October	1	0	0	0	0
November	1	0	0	0	0
December	1	0	0	0	0
Points per each		2	1	3	2
Exceedances		0	0	0	0
Points		0	0	0	0
Total Number of Points					**0**

0

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant | Last Updated: 6/2/2021 | Reporting For: **2020**

3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?

- ● Yes — Enter last calibration date (MM/DD/YYYY): 2020-08-18
- o No

If No, please explain:

N.A.

4. Sewer Use Ordinance

4.1 Did your community have a sewer use ordinance that limited or prohibited the discharge of excessive conventional pollutants ((C)BOD, SS, or pH) or toxic substances to the sewer from industries, commercial users, hauled waste, or residences?

- ● Yes
- o No

If No, please explain:

N.A.

4.2 Was it necessary to enforce the ordinance?

- o Yes
- ● No

If Yes, please explain:

N.A.

5. Septage Receiving

5.1 Did you have requests to receive septage at your facility?

Septic Tanks	Holding Tanks	Grease Traps
● Yes	● Yes	o Yes
o No	o No	● No

5.2 Did you receive septage at your facility? If yes, indicate volume in gallons.

Septic Tanks
- ● Yes — 525328 gallons
- o No

Holding Tanks
- ● Yes — 2945628 gallons
- o No

Grease Traps
- o Yes — 0 gallons
- ● No

5.2.1 If yes to any of the above, please explain if plant performance is affected when receiving any of these wastes.

There were no plant performance issues as a result of receiving these wastes.

6. Pretreatment

6.1 Did your facility experience operational problems, permit violations, biosolids quality concerns, or hazardous situations in the sewer system or treatment plant that were attributable to commercial or industrial discharges in the last year?

- o Yes
- ● No

If yes, describe the situation and your community's response.

N.A.

6.2 Did your facility accept hauled industrial wastes, landfill leachate, etc.?

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant

Last Updated: 6/2/2021 Reporting For: **2020**

- ● Yes
- o No

If yes, describe the types of wastes received and any procedures or other restrictions that were in place to protect the facility from the discharge of hauled industrial wastes.

We received food processing wastes primarily from dairy processing facilities.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant | Last Updated: 6/2/2021 | Reporting For: **2020**

Effluent Quality and Plant Performance (BOD/CBOD)

1. Effluent (C)BOD Results

1.1 Verify the following monthly average effluent values, exceedances, and points for BOD or CBOD

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit > 10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	25	22.5	3	1	0	0
February	25	22.5	3	1	0	0
March	25	22.5	3	1	0	0
April	25	22.5	3	1	0	0
May	25	22.5	2	1	0	0
June	25	22.5	1	1	0	0
July	25	22.5	1	1	0	0
August	25	22.5	1	1	0	0
September	25	22.5	2	1	0	0
October	25	22.5	2	1	0	0
November	25	22.5	4	1	0	0
December	25	22.5	3	1	0	0
* Equals limit if limit is <= 10						
Months of discharge/yr				12		
Points per each exceedance with 12 months of discharge					7	3
Exceedances					0	0
Points					0	0
Total number of points						**0**

0

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge. Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is 12/6 = 2.0

1.2 If any violations occurred, what action was taken to regain compliance?

N.A.

2. Flow Meter Calibration

2.1 Was the effluent flow meter calibrated in the last year?

- ● Yes — Enter last calibration date (MM/DD/YYYY): 2020-08-18
- o No

If No, please explain:

N.A.

3. Treatment Problems

3.1 What problems, if any, were experienced over the last year that threatened treatment?

No significant issues which affected treatment.

4. Other Monitoring and Limits

4.1 At any time in the past year was there an exceedance of a permit limit for any other pollutants such as chlorides, pH, residual chlorine, fecal coliform, or metals?

- o Yes
- ● No

If Yes, please explain:

N.A.

4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?

- o Yes
- ● No

If Yes, please explain:

N.A.

4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?

- o Yes
- o No
- ● N/A

Please explain unless not applicable:

N.A.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant | Last Updated: 6/2/2021 | Reporting For: **2020**

Effluent Quality and Plant Performance (Total Suspended Solids)

1. Effluent Total Suspended Solids Results

1.1 Verify the following monthly average effluent values, exceedances, and points for TSS:

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit >10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance	
January	30	27	5	1	0	0	
February	30	27	6	1	0	0	
March	30	27	5	1	0	0	
April	30	27	5	1	0	0	
May	30	27	5	1	0	0	
June	30	27	3	1	0	0	
July	30	27	3	1	0	0	
August	30	27	3	1	0	0	
September	30	27	3	1	0	0	
October	30	27	3	1	0	0	
November	30	27	4	1	0	0	**0**
December	30	27	4	1	0	0	
* Equals limit if limit is <= 10							
Months of Discharge/yr				12			
Points per each exceedance with 12 months of discharge:					**7**	**3**	
Exceedances					0	0	
Points					0	0	
Total Number of Points						**0**	

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is 12/6 = 2.0

1.2 If any violations occurred, what action was taken to regain compliance?

N.A.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant

Last Updated: 6/2/2021 Reporting For: **2020**

Effluent Quality and Plant Performance (Phosphorus)

1. Effluent Phosphorus Results

1.1 Verify the following monthly average effluent values, exceedances, and points for Phosphorus

Outfall No. 001	Monthly Average phosphorus Limit (mg/L)	Effluent Monthly Average phosphorus (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance
January	.9	0.324	1	0
February	.9	0.236	1	0
March	.9	0.294	1	0
April	.9	0.253	1	0
May	.9	0.289	1	0
June	.9	0.216	1	0
July	.9	0.296	1	0
August	.9	0.326	1	0
September	.9	0.318	1	0
October	.9	0.365	1	0
November	.9	0.280	1	0
December	.9	0.235	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				**10**
Exceedances				0
Total Number of Points				**0**

0

NOTE: For systems that discharge intermittently to waters of the state, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.
Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is 12/6 = 2.0

1.2 If any violations occurred, what action was taken to regain compliance?

N.A.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant | Last Updated: 6/2/2021 | Reporting For: **2020**

Biosolids Quality and Management

1. Biosolids Use/Disposal

1.1 How did you use or dispose of your biosolids? (Check all that apply)

- ☐ Land applied under your permit
- ☒ Publicly Distributed Exceptional Quality Biosolids
- ☐ Hauled to another permitted facility
- ☐ Landfilled
- ☐ Incinerated
- ☒ Other

NOTE: If you did not remove biosolids from your system, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc.

1.1.1 If you checked Other, please describe:

Biosolids are purchased by an outside contractor for use as a soil conditioner.

3. Biosolids Metals

Number of biosolids outfalls in your WPDES permit:

3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year.

Outfall No. 004 - EQ Dried Sludge - Dryer

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41		9		<7.1		8.3			9.4	9.5		7.8			0	0
Cadmium		39		1.2		.84		.74			.93	1		.57			0	0
Copper		1500		464		462		395			474	477		464			0	0
Lead		300		29.3		40.5		25.3			30.8	35.5		31.1			0	0
Mercury		17		.49		.37		.47			.33	.3		.26			0	0
Molybdenum	60		75	9.9		9.9		8.2			9.3	11		11.3		0		0
Nickel				25.9		28.8		23.2			23.8	27.2		25.5		0		0
Selenium				4.6		3.3		3.1			5.4	4.6		5.4		0		0
Zinc		2800		588		694		547			673	768		730			0	0

Outfall No. 002 - LIQUID ANAEROBIC SLUDGE

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75														0	0
Cadmium		39	85														0	0
Copper		1500	4300														0	0
Lead		300	840														0	0
Mercury		17	57														0	0
Molybdenum	60		75													0		0
Nickel	336		420													0		0
Selenium	80		100													0		0
Zinc		2800	7500														0	0

3.1.1 Number of times any of the metals exceeded the high quality limits OR 80% of the limit for molybdenum, nickel, or selenium = 0

Exceedence Points

- ● 0 (0 Points)
- ○ 1-2 (10 Points)
- ○ > 2 (15 Points)

3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loading at each land application site? (check applicable box)

- ○ Yes

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- ○ No (10 points)
- ● N/A - Did not exceed limits or no HQ limit applies (0 points)
- ○ N/A - Did not land apply biosolids until limit was met (0 points)

3.1.3 Number of times any of the metals exceeded the ceiling limits = 0

Exceedence Points

- ● 0 (0 Points)
- ○ 1 (10 Points)
- ○ > 1 (15 Points)

0

3.1.4 Were biosolids land applied which exceeded the ceiling limit?

- ○ Yes (20 Points)
- ● No (0 Points)

3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken? Has the source of the metals been identified?

N.A.

4. Pathogen Control (per outfall):

4.1 Verify the following information. If any information is incorrect, use the Report Issue button under the Options header in the left-side menu.

Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 02/29/2020
Density:	2
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality Sludge from the sludge dryer

Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	03/01/2020 - 04/30/2020
Density:	3
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality Sludge from the sludge dryer

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Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	05/01/2020 - 06/30/2020
Density:	14
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality sludge from the sludge dryer

Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	07/01/2020 - 08/31/2020
Density:	1
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality sludge from the sludge dryer.

Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	09/01/2020 - 10/31/2020
Density:	1
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality sludge from the sludge dryer.

Outfall Number:	**004**
Biosolids Class:	A
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	11/01/2020 - 12/31/2020
Density:	2
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Heat Drying
Process Description:	Exceptional quality sludge from the sludge dryer.

4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.

4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?

o Yes (40 Points)

- No

If yes, what action was taken?

N.A.

0

5. Vector Attraction Reduction (per outfall):

5.1 Verify the following information. If any of the information is incorrect, use the Report Issue button under the Options header in the left-side menu.

Outfall Number:	**004**
Method Date:	01/02/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	95.60

Outfall Number:	**004**
Method Date:	03/02/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	96.20

Outfall Number:	**004**
Method Date:	05/11/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	97.40

Outfall Number:	**004**
Method Date:	08/03/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	98.20

Outfall Number:	**004**
Method Date:	09/28/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	96.50

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Outfall Number:	**004**
Method Date:	11/02/2020
Option Used To Satisfy Requirement:	Drying With Unstabilized Solids
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>90
Results (if applicable):	94.80

0

5.2 Was the limit exceeded or the process criteria not met at the time of land application?

- o Yes (40 Points)
- ● No

If yes, what action was taken?

N.A.

6. Biosolids Storage

6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?

- ● >= 180 days (0 Points)
- o 150 - 179 days (10 Points)
- o 120 - 149 days (20 Points)
- o 90 - 119 days (30 Points)
- o < 90 days (40 Points)
- o N/A (0 Points)

0

6.2 If you checked N/A above, explain why.

N.A.

7. Issues

7.1 Describe any outstanding biosolids issues with treatment, use or overall management:

No issues were encountered in 2020.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

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Staffing and Preventative Maintenance (All Treatment Plants)

1. Plant Staffing

1.1 Was your wastewater treatment plant adequately staffed last year?

- ● Yes
- o No

If No, please explain:

N.A.

Could use more help/staff for:

N.A.

1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?

- ● Yes
- o No

If No, please explain:

N.A.

2. Preventative Maintenance

2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?

- ● Yes (Continue with question 2) ☐☐
- o No (40 points)☐☐

If No, please explain, then go to question 3:

2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?

- ● Yes
- o No (10 points)

2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?

- ● Yes
  - o Paper file system
  - o Computer system
  - ● Both paper and computer system
- o No (10 points)

0

3. O&M Manual

3.1 Does your plant have a detailed O&M and Manufacturer Equipment Manuals that can be used as a reference when needed?

- ● Yes
- o No

4. Overall Maintenance /Repairs

4.1 Rate the overall maintenance of your wastewater plant.

- o Excellent
- ● Very good
- o Good
- o Fair
- o Poor

Describe your rating:

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The facility has been proactively rebuilding key equipment, including clarifier drives, floating digester cover, pumps etc. which has improved reliability and reduced the number of maintenance calls.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

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Operator Certification and Education

1. Operator-In-Charge

1.1 Did you have a designated operator-in-charge during the report year?

- ● Yes (0 points)
- ○ No (20 points)

Name: Steve Jossart

Certification No: 12990

0

2. Certification Requirements

2.1 In accordance with Chapter NR 114.56 and 114.57, Wisconsin Administrative Code, what level and subclass(es) were required for the operator-in-charge (OIC) to operate the wastewater treatment plant and what level and subclass(es) were held by the operator-in-charge?

Sub Class	SubClass Description	WWTP	OIC		
		Advanced	OIT	Basic	Advanced
A1	Suspended Growth Processes	X			
A2	Attached Growth Processes				
A3	Recirculating Media Filters				
A4	Ponds, Lagoons and Natural				
A5	Anaerobic Treatment Of Liquid				
B	Solids Separation	X			
C	Biological Solids/Sludges	X			
P	Total Phosphorus	X			
N	Total Nitrogen				
D	Disinfection	X			
L	Laboratory				
U	Unique Treatment Systems				
SS	Sanitary Sewage Collection	X	NA	NA	NA

2.2 Was the operator-in-charge certified at the appropriate level and subclass(es) to operate this plant? (Note: Certification in subclass SS is required 5 years after permit reissuance and is basic level only.)

- ● Yes (0 points)
- ○ No (20 points)

0

3. Succession Planning

3.1 In the event of the loss of your designated operator-in-charge, did you have a contingency plan to ensure the continued proper operation and maintenance of the plant that includes one or more of the following options (check all that apply)?

- ☒ One or more additional certified operators on staff
- ☐ An arrangement with another certified operator
- ☐ An arrangement with another community with a certified operator
- ☐ An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year
- ☐ A consultant to serve as your certified operator
- ☐ None of the above (20 points)

If "None of the above" is selected, please explain:

0

4. Continuing Education Credits

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4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates? OIT and Basic Certification: o Averaging 6 or more CECs per year. o Averaging less than 6 CECs per year. Advanced Certification: ● Averaging 8 or more CECs per year. o Averaging less than 8 CECs per year.	

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

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Financial Management

1. Provider of Financial Information

Name: Kaitlyn Kreuger

Telephone: (920) 459-3334 (XXX) XXX-XXXX

E-Mail Address (optional):

2. Treatment Works Operating Revenues

2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?

- ● Yes (0 points) ☐☐
- o No (40 points)

If No, please explain: N.A.

2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?

Year: 2020

- ● 0-2 years ago (0 points) ☐☐
- o 3 or more years ago (20 points)☐☐
- o N/A (private facility)

2.3 Did you have a special account (e.g., CWFP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?

- ● Yes (0 points)
- o No (40 points)

0

REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]

3. Equipment Replacement Funds

3.1 When was the Equipment Replacement Fund last reviewed and/or revised?

Year: 2020

- ● 1-2 years ago (0 points)☐☐
- o 3 or more years ago (20 points)☐☐
- o N/A

If N/A, please explain:

3.2 Equipment Replacement Fund Activity

3.2.1 Ending Balance Reported on Last Year's CMAR		$ 6,125,100.61
3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	$ 4,259,760.49
3.2.3 Adjusted January 1st Beginning Balance		$ 1,865,340.12
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	$ 0.00

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3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*) - $ 0.00

3.2.6 Ending Balance as of December 31st for CMAR Reporting Year $ 1,865,340.12

All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.

3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.

Balance was adjusted based off of an updated plant asset list which was developed in 2019 and finalized in 2020. The Equipment Replacement Fund Balance was adjusted accordingly so that the remaining cash balance can ultimately be used for infrastructure repairs and potential operational budget shortfalls.

0

3.3 What amount should be in your Replacement Fund? $ 1,865,340.12

Please note: If you had a CWFP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.

3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?

- ● Yes
- ○ No

If No, please explain.

N.A.

4. Future Planning

4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?

- ● Yes - If Yes, please provide major project information, if not already listed below.☐☐
- ○ No

Project #	Project Description	Estimated Cost	Approximate Construction Year
1	Replacing/refurbishing primary and secondary clarifier drives. The plan is to replace each clarifier drive over the course of the next 4 - 5 years.	800000	2023
2	Fine bubble diffuser system maintenance and aeration basin repairs. The scope will also include the replacement of the beams supporting the walls in the anoxic and anerobic zones.	900000	2023
3	Sanitary Sewer Lining Projects. The city of Sheboygan is setting aside money annually to line sanitary sewers in conjunction with street replacement projects over the next five years. The estimated cost is the total cost of the work over the next five years.	3000000	2024
4	Influent Building HVAC system replacement	310,000	2021
5	Replacement aeration blower.	350000	2021
6	Update 6th and Pershing Lift Station. The lift station will be painted and the controls and electrical will be upgraded.	125,000	2023
7	Paint Indiana Lift Station. The lift station cans will be cleaned and painted.	100,000	2024
8	Screen/Scum Rejects System Upgrade. A redundant rejects system will be installed to provide continuous rejects processing when the existing rejects system is out of service.	125000	2022
9	Bleach and Bisulfite Tank Replacement	250000	2024

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10	Administrative Building HVAC Controls and air conditioning unit. The Admin building will be broken up into zones and the heating and air conditioning controls will be updated along with replacement of the air conditioning unit.	5,500,000	2024
11	Ferric Chloride Tank Replacement	150000	2025
12	Grit System Modifications. Baffles will be installed in the pista grit to improve both low and high flow performance.	125000	2024
13	Replace heat exchangers for the anaerobic digesters.	250,000	2023

5. Financial Management General Comments

N.A.

ENERGY EFFICIENCY AND USE

6. Collection System

6.1 Energy Usage

6.1.1 Enter the monthly energy usage from the different energy sources:

COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations: 5

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	70,787	344
February	58,823	362
March	74,101	318
April	62,432	153
May	84,133	60
June	75,115	4
July	61,062	0
August	46,943	0
September	46,773	0
October	38,939	6
November	44,067	149
December	55,308	222
Total	**718,483**	**1,618**
Average	**59,874**	**180**

6.1.2 Comments:

N.A.

6.2 Energy Related Processes and Equipment

6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):

- ☒ Comminution or Screening
- ☒ Extended Shaft Pumps
- ☒ Flow Metering and Recording
- ☐ Pneumatic Pumping
- ☒ SCADA System
- ☐ Self-Priming Pumps
- ☐ Submersible Pumps
- ☒ Variable Speed Drives

☐ Other:

6.2.2 Comments:

N.A.

6.3 Has an Energy Study been performed for your pump/lift stations?

o No

● Yes

Year: 2005

By Whom: Focus on Energy

Describe and Comment:

We are presently working with Focus on Energy and The Department of Energy Better Plants Program to identify projects and improvements.

6.4 Future Energy Related Equipment

6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?

We are looking at installing VFD's at our Kentucky avenue Lift Station and we are slowly changing our lighting over to LED.

7. Treatment Facility

7.1 Energy Usage

7.1.1 Enter the monthly energy usage from the different energy sources:

TREATMENT PLANT: Total Power Consumed/Month

	Electricity Consumed (kWh)	Total Influent Flow (MG)	Electricity Consumed/ Flow (kWh/MG)	Total Influent BOD (1000 lbs)	Electricity Consumed/ Total Influent BOD (kWh/1000lbs)	Natural Gas Consumed (therms)
January	556,200	402.23	1,383	350.73	1,586	434
February	479,700	330.68	1,451	352.67	1,360	175
March	514,800	449.08	1,146	422.59	1,218	750
April	537,300	365.59	1,470	415.86	1,292	837
May	487,800	567.60	859	411.25	1,186	787
June	651,600	411.89	1,582	344.28	1,893	342
July	668,700	446.22	1,499	419.71	1,593	446
August	572,400	389.05	1,471	407.00	1,406	257
September	580,500	322.61	1,799	382.65	1,517	196
October	543,600	312.26	1,741	443.64	1,225	479
November	506,700	298.52	1,697	434.13	1,167	623
December	545,400	299.48	1,821	553.01	986	308
Total	**6,644,700**	**4,595.21**		**4,937.52**		**5,634**
Average	**553,725**	**382.93**	**1,493**	**411.46**	**1,369**	**470**

7.1.2 Comments:

N.A.

7.2 Energy Related Processes and Equipment

7.2.1 Indicate equipment and practices utilized at your treatment facility (Check all that apply):

- ☐ Aerobic Digestion
- ☒ Anaerobic Digestion
- ☒ Biological Phosphorus Removal
- ☐ Coarse Bubble Diffusers
- ☒ Dissolved O2 Monitoring and Aeration Control
- ☐ Effluent Pumping
- ☒ Fine Bubble Diffusers
- ☒ Influent Pumping
- ☒ Mechanical Sludge Processing
- ☒ Nitrification
- ☒ SCADA System
- ☐ UV Disinfection
- ☒ Variable Speed Drives
- ☒ Other:

Process water system pumping.

7.2.2 Comments:

N.A.

7.3 Future Energy Related Equipment

7.3.1 What energy efficient equipment or practices do you have planned for the future for your treatment facility?

Installation of new blower and LED lighting.

8. Biogas Generation

8.1 Do you generate/produce biogas at your facility?

- ○ No
- ● Yes

If Yes, how is the biogas used (Check all that apply):

- ☒ Flared Off
- ☒ Building Heat
- ☒ Process Heat
- ☐ Generate Electricity
- ☐ Other:

9. Energy Efficiency Study

9.1 Has an Energy Study been performed for your treatment facility?

- ○ No

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- ● Yes
  - ☒ Entire facility
    - Year: 2005
    - By Whom: Focus on Energy
    - Describe and Comment: We are presently working with Focus on Energy and The Department of Energy Better Plants Program to identify projects and improvements.
  - ☐ Part of the facility
    - Year:
    - By Whom:
    - Describe and Comment:

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

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Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

- ● Yes
- ○ No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

- ● Yes
- ○ No (30 points)
- ○ N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

☒ Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

Provide the proper resources for effective system management,operation and maintenance. Improve sewer infrastructure through sewer replacement and lining. Eliminate sanitary sewer overflows.

Did you accomplish them?

- ○ Yes
- ● No

If No, explain:

Due to an extreme rain event on 5/17/20 of approximately 6" of rain, we had three overflows of our system.

☒ Organization [NR 210.23 (4) (b)]☐☐

Does this chapter of your CMOM include:

- ☒ Organizational structure and positions (eg. organizational chart and position descriptions)
- ☒ Internal and external lines of communication responsibilities
- ☒ Person(s) responsible for reporting overflow events to the department and the public

☒ Legal Authority [NR 210.23 (4) (c)]

What is the legally binding document that regulates the use of your sewer system?

City of Sheboygan Sewer Use Ordinance

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2016-05-12

Does your sewer use ordinance or other legally binding document address the following:

- ☒ Private property inflow and infiltration
- ☒ New sewer and building sewer design, construction, installation, testing and inspection
- ☒ Rehabilitated sewer and lift station installation, testing and inspection
- ☒ Sewage flows satellite system and large private users are monitored and controlled, as necessary
- ☒ Fat, oil and grease control
- ☒ Enforcement procedures for sewer use non-compliance

☒ Operation and Maintenance [NR 210.23 (4) (d)]

Does your operation and maintenance program and equipment include the following:

- ☒ Equipment and replacement part inventories

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☒ Up-to-date sewer system map
☒ A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation
☒ A description of routine operation and maintenance activities (see question 2 below)
☒ Capacity assessment program
☒ Basement back assessment and correction
☒ Regular O&M training

☒ Design and Performance Provisions [NR 210.23 (4) (e)]☐☐

What standards and procedures are established for the design, construction, and inspection of the sewer collection system, including building sewers and interceptor sewers on private property?

☒ State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements
☒ Construction, Inspection, and Testing
☐ Others:

☒ Overflow Emergency Response Plan [NR 210.23 (4) (f)]☐☐

Does your emergency response capability include:

☒ Responsible personnel communication procedures
☒ Response order, timing and clean-up
☒ Public notification protocols
☒ Training
☒ Emergency operation protocols and implementation procedures

☒ Annual Self-Auditing of your CMOM Program [NR 210.23 (5)]☐☐

☒ Special Studies Last Year (check only those that apply):

☐ Infiltration/Inflow (I/I) Analysis
☐ Sewer System Evaluation Survey (SSES)
☐ Sewer Evaluation and Capacity Managment Plan (SECAP)
☐ Lift Station Evaluation Report
☒ Others:

Inspected and assessed capacity of the lake shore interceptor sewer and the Kentucky Ave. Lift Station.

0

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	14.26	% of system/year
Root removal	2.2	% of system/year
Flow monitoring	75	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	2.9	% of system/year
Manhole inspections	33.85	% of system/year
Lift station O&M	55	# per L.S./year
Manhole rehabilitation	32	% of manholes rehabbed
Mainline rehabilitation	0.49	% of sewer lines rehabbed

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Private sewer inspections	0	% of system/year
Private sewer I/I removal	0	% of private services
River or water crossings	0	% of pipe crossings evaluated or maintained

Please include additional comments about your sanitary sewer collection system below:

We continue to refine the total miles of sanitary sewer system as the GIS system is implemented. The drop in miles year over year is the result of removing abandoned sewers from the calculation and only reporting the active sewers.

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

43.45	Total actual amount of precipitation last year in inches
32	Annual average precipitation (for your location)
201.1	Miles of sanitary sewer
5	Number of lift stations
0	Number of lift station failures
1	Number of sewer pipe failures
23	Number of basement backup occurrences
46	Number of complaints
12.51	Average daily flow in MGD (if available)
18.31	Peak monthly flow in MGD (if available)
	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

0.00	Lift station failures (failures/year)
0.00	Sewer pipe failures (pipe failures/sewer mile/yr)
0.01	Sanitary sewer overflows (number/sewer mile/yr)
0.11	Basement backups (number/sewer mile)
0.23	Complaints (number/sewer mile)
1.5	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
0.0	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OVERFLOWS REPORTED **

	Date	Location	Cause	Estimated Volume
0	5/17/2020 6:00:00 PM - 5/17/2020 8:30:00 PM	404 North Ave	Broken Sewer, Broken Sewer	1,468
1	5/17/2020 6:30:00 PM - 5/17/2020 9:00:00 PM	2901 N. 6th St.	Rain	88,823
2	5/17/2020 10:00:00 PM - 5/18/2020 5:00:00 AM	515 Kiwanis Park Drive	Rain	331,771

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

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What actions were taken, or are underway, to reduce or eliminate SSO or TFO occurences in the future?

We removed a bottle neck at the North Ave. lift stations, by replacing the 10" flow meter with a 16" flow meter, to increase maximum pumping capacity when all pumps are in operation. We permanently removed a dead end sewer line north of the North Ave lift station from service.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

- ● Yes
- o No

If Yes, please describe:

Average flow for 2020 was 12.5 MGD which is approximately 15% higher than our average flow due to the high amount of precipitation received.

5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?

- ● Yes
- o No

If Yes, please describe:

When we had excessive rains on 5/17/2020, there were three overflows reported.

5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:

We lined approximately 5,247 feet of sewer line during 2020.

5.4 What is being done to address infiltration/inflow in your collection system?

The Lakeshore interceptor sewer was inspected and plans are in place to rebuild some of the manholes and protect them from high water levels. Lining of existing sewers will continue each year to improve sewer system and reduce the level of infiltration/inflow.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	**A**

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Sheboygan Wastewater Treatment Plant

Last Updated: 6/2/2021

Reporting For: **2020**

Grading Summary

WPDES No: 0025411

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent	A	4	3	12
BOD/CBOD	A	4	10	40
TSS	A	4	5	20
Phosphorus	A	4	3	12
Biosolids	A	4	5	20
Staffing/PM	A	4	1	4
OpCert	A	4	1	4
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			**32**	**128**
GRADE POINT AVERAGE (GPA) = 4.00				

Notes:

A = Voluntary Range (Response Optional)
B = Voluntary Range (Response Optional)
C = Recommendation Range (Response Required)
D = Action Range (Response Required)
F = Action Range (Response Required)

Compliance Maintenance Annual Report

Sheboygan Wastewater Treatment Plant

Last Updated: 6/2/2021 Reporting For: **2020**

Resolution or Owner's Statement

Name of Governing Body or Owner: City of Sheboygan

Date of Resolution or Action Taken:

Resolution Number:

Date of Submittal:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = A

Effluent Quality: BOD: Grade = A

Effluent Quality: TSS: Grade = A

Effluent Quality: Phosphorus: Grade = A

Biosolids Quality and Management: Grade = A

Staffing: Grade = A

Operator Certification: Grade = A

Financial Management: Grade = A

Collection Systems: Grade = A
(Regardless of grade, response required for Collection Systems if SSOs were reported)

All three SSO's were the result of backed up sewers to due an extreme rain event on 5/17/2020, when approximately 6" of rain fell in a 12 hour time frame. Corrective actions that have been taken include removing a bottle neck caused by the discharge flow meter at our North Ave. Lift Station and capping a dead end sewer which surcharged due to high flow.

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS
(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)
G.P.A. = 4.00

CITY OF SHEBOYGAN

REQUEST FOR PUBLIC WORKS COMMITTEE CONSIDERATION

ITEM DESCRIPTION: An ordinance placing a stop sign at the northwest corner of S. 7th Street and Lakeshore Drive.

REPORT PREPARED BY: Ryan Sazama, City Engineer

REPORT DATE: June 7, 2021 **MEETING DATE:** June 15, 2021

FISCAL SUMMARY:

Budget Line Item:	N/A
Budget Summary:	N/A
Budgeted Expenditure:	N/A
Budgeted Revenue:	N/A

STATUTORY REFERENCE:

Wisconsin Statutes:	N/A
Municipal Code:	N/A

BACKGROUND / ANALYSIS: Currently vehicular traffic traveling east bound on High Avenue stops/yields to traffic on S. 7th Street and Lakeshore Drive. To improve vehicular and pedestrian safety at this intersection it is being proposed that traffic traveling south bound on S. 7th Street also stops/yields to traffic traveling on Lakeshore Drive and High Avenue at this intersection.

STAFF COMMENTS: To improve vehicular and pedestrian safety City staff recommends adopting the ordinance.

ACTION REQUESTED: Motion to adopt Gen. Ord. No.8-21-22 an ordinance placing a stop sign at the northwest corner of S. 7th Street and Lakeshore Drive.

ATTACHMENTS:

I. Gen. Ord. No. 8-21-22.

X

6.5

Gen. Ord. No. 8 - 21 - 22. By Alderpersons Dekker and Perrella.
June 7, 2021.

AN ORDINANCE placing a stop sign at the northwest corner of S. 7th Street and Lakeshore Drive.

THE COMMON COUNCIL OF THE CITY OF SHEBOYGAN DO ORDAIN AS FOLLOWS:

Section 1. Pursuant to Section 118-51 of the Municipal Code entitled "Erection of Official Signs," stop signs shall be added requiring southbound traffic on S. 7th Street to stop at the intersection of S. 7th Street and Lakeshore Drive.

Section 2. The Department of Public Works and the Police Department are hereby authorized and directed to add the signs to give notification of the aforementioned change.

Section 3. All ordinances or parts thereof in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict, and this ordinance shall be in effect from and after its passage and publication.

PW

I HEREBY CERTIFY that the foregoing Ordinance was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated_____ 20____. _____, City Clerk

Approved_____ 20____. _____, Mayor

CITY OF SHEBOYGAN

REQUEST FOR PUBLIC WORKS COMMITTEE CONSIDERATION

ITEM DESCRIPTION: An ordinance placing a stop sign at the northwest corner of S. 14th Street and Broadway Avenue.

REPORT PREPARED BY: Ryan Sazama, City Engineer

REPORT DATE: June 7, 2021 **MEETING DATE:** June 15, 2021

FISCAL SUMMARY:

Budget Line Item:	N/A
Budget Summary:	N/A
Budgeted Expenditure:	N/A
Budgeted Revenue:	N/A

STATUTORY REFERENCE:

Wisconsin Statutes:	N/A
Municipal Code:	N/A

BACKGROUND / ANALYSIS: The section of S. 14th Street from Broadway Avenue to Georgia Avenue recently has been changed from a one-way street to a two-way street and due to this change a stop sign needs to be installed at the northwest corner of S. 14th Street and Broadway Avenue so that traffic traveling southbound on S. 14th Street stops/yields to the traffic traveling east and west bound on Broadway Avenue.

STAFF COMMENTS: City recommends adopting the ordinance.

ACTION REQUESTED: Motion to adopt Gen. Ord. No. 9-21-22 an ordinance placing a stop sign at the northwest corner of S. 14th Street and Broadway Avenue.

ATTACHMENTS:

I. Gen. Ord. No. 9-21-22.

X

6.6

Gen. Ord. No. 9 - 21 - 22. By Alderpersons Dekker and Perrella.
June 7, 2021.

AN ORDINANCE placing a stop sign at the northwest corner of S. 14th Street and Broadway Avenue.

THE COMMON COUNCIL OF THE CITY OF SHEBOYGAN DO ORDAIN AS FOLLOWS:

Section 1. Pursuant to Section 118-51 of the Municipal Code entitled "Erection of Official Signs," stop signs shall be added requiring southbound traffic on S. 14th Street to stop at the intersection of S. 14th Street and Broadway Avenue.

Section 2. The Department of Public Works and the Police Department are hereby authorized and directed to add the signs to give notification of the aforementioned change.

Section 3. All ordinances or parts thereof in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict, and this ordinance shall be in effect from and after its passage and publication.

PW

I HEREBY CERTIFY that the foregoing Ordinance was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated_____ 20____. _____, City Clerk

Approved_____ 20____. _____, Mayor