Waukesha City

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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. 702	Influent Monthly Average Flow, MGD	x	Influent Monthly Average BOD Concentration mg/L	х	8.34	=	Influent Monthly Average BOD Loading, lbs/day
January	10.5830	Х	236	Х	8.34	=	20,799
February	9.8673	Х	290	Х	8.34	=	23,905
March	11.7845	Х	196	Х	8.34	=	19,301
April	10.9919	Х	202	Х	8.34	=	18,521
May	13.5465	Х	123	Х	8.34	=	13,933
June	10.5828	Х	106	Х	8.34	=	9,367
July	9.5199	Х	173	Х	8.34	=	13,700
August	8.0071	Х	186	Х	8.34	=	12,451
September	7.8804	Х	222	Х	8.34	=	14,584
October	7.4717	Х	233	Х	8.34	=	14,499
November	7.1748	Х	271	Х	8.34	=	16,190
December	7.0282	Х	306	Х	8.34	=	17,965

- 2. Maximum Monthly Design Flow and Design BOD Loading
- 2.1 Verify the design flow and loading for your facility.

Design	Design Factor		%	=	% of Design
Max Month Design Flow, MGD	18.5		90	=	16.65
		Х	100	=	18.5
Design BOD, lbs/day	29653		90	=	26687.7
		Х	100	=	29653

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

	of flow wa		Number of times flow was greater than 100% of	BOD was greater	Number of times BOD was greater than 100% of design
January	1	than 90% of	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 ea	ach	2	1	3	2
Exceedances	5	0	0	0	0
Points		0	0	0	0
Total Numb	per of Po	oints			0

0

Waukesha City Last Updated: Reporting For: 2020 5/14/2021 3. Flow Meter 3.1 Was the influent flow meter calibrated in the last year? Enter last calibration date (MM/DD/YYYY) Yes 12/22/2020 O No If No, please explain: 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: 4.2 Was it necessary to enforce the ordinance? Yes o No If Yes, please explain: Notices of Violation were issued to 5 industrial users for violation of permit limits, and warning letters were sent to 2 for sampling results approaching limits. All users returned to compliance after resampling. A warning letter was issued to a drywall contractor for discharge of solids to the collection system. Warning letters were also issued to 10 restaurants for failure to maintain grease traps. 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 faclity? If yes, indicate volume in gallons. Septic Tanks Yes gallons 5,523,789 \circ No Holding Tanks Yes 3,641,626 gallons O No **Grease Traps** o Yes 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. Plant performance was not affected 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

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

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

- 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.

All hauled waste is subject to review by our Pretreatment Program for acceptance. Review may include on-site inspections, sampling, and permitting. Hauled waste manifests are screened for potential new industrial sources, and follow-up inspections conducted if needed. We have a categorical metal Finisher, landfill leachate, and a non-categorical printer that are permitted as Industrial Users that are hauled to the plant.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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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.	Monthly Average	90% of Permit Limit	Effluent Monthly Average (mg/L)	Months of Discharge	Permit Limit Exceedance	90% Permit Limit	
001	Limit (mg/L)	> 10 (mg/L)	Average (Hig/L)	with a Limit	Lxceedance	Exceedance	
January	10	10	0	1	0	0	
February	10	10	0	1	0	0	
March	10	10	0	1	0	0	
April	10	10	0	1	0	0	
May	7.9	7.9	0	1	0	0	
June	7.9	7.9	0	1	0	0	
July	7.9	7.9	0	1	0	0	
August	7.9	7.9	0	1	0	0	
September	7.9	7.9	0	1	0	0	
October	7.9	7.9	0	0 1		0	0
November	10	10	0	1	0	0	
December	10	10	0 1		0	0	
		* Eq	uals limit if limit is	<= 10			
Months of di	ischarge/yr			12			
Points per e	ach exceedanc	ce with 12 mor	nths of discharge		7	3	
Exceedances	 S				0	0	
Points					0	0	
Total numb	per 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?

2.	F	low	Meter	Cal	lih	ratio	n

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

Yes

Enter last calibration date (MM/DD/YYYY)

12/22/2020

o No

If No, please explain:

2	Tros	tman	+ D.	-ahl	ama

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

None

- 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?
- Yes
- o No

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Our weekly Chloride limit of 620 mg/L was exceeded in February of 2020 with a result of 621 mg/L. This exceedance was reported to DNR.

- 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:

- 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:

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

Waukesha City

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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.	Monthly	90% of	Effluent Monthly	Months of	Permit Limit	90% Permit
001	Average	Permit Limit	Average (mg/L)	Discharge	Exceedance	Limit
	Limit (mg/L)	>10 (mg/L)		with a Limit		Exceedance
January	10	10	1	1	0	0
February	10	10	0	1	0	0
March	10	10	1	1	0	0
April	10	10	1	1	0	0
May	10	10	1	1	0	0
June	10	10	0	1	0	0
July	10	10	0	1	0	0
August	10	10	0	1	0	0
September	10	10	0	1	0	0
October	10	10	0	1	0	0
November	10	10	0	1	0	0
December	10	10	1	1	0	0
		* Eq	uals limit if limit is	<= 10		
Months of D	ischarge/yr			12		
Points per	each exceed	ance with 12	months of disch	arge:	7	3
Exceedance	S				0	0
Points					0	0
Total Num	ber 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?

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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Effluent Quality and Plant Performance (Ammonia - NH3)

1. Effluent Ammonia Results

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

		i	1	i		1	i	ı	
Outfall No.	/	Weekly	Effluent	Monthly	Effluent	Effluent	Effluent	Effluent	Weekly
001	Average	Average	Monthly	Permit	Weekly	Weekly	Weekly	Weekly	Permit
	NH3	NH3	Average	Limit	Average	Average	Average	Average	Limit
	Limit	Limit	NH3	Exceed				for Week	
	(mg/L)	(mg/L)	(mg/L)	ance	1	2	3	4	ance
January	5		0	0					
February	5.2		.0175862	07 0					
March	6		0	0					
April	5.6		0	0					
May	4.9		.0145161	29 0					
June	3.1		.015	0					
July	2		.1122580	55 0					
August	2.1		0	0					
September	2.9		.053	0					
October	4		.0080645	16 0					
November	5.1		.0406666	57 0					
December	4.9		.0125806	4 5 0					
Points per e	ach excee	dance of N	Monthly av	erage:					10
Exceedance	s, Monthly	′ :							0
Points:									0
Points per e	ach excee	dance of v	weekly ave	erage (wh	en there is	no month	nly averag	e):	2.5
Exceedance	Exceedances, Weekly:								0
Points:							0		
Total Number of Points							0		

0

NOTE: Limit exceedances are considered for monthly OR weekly averages but not both. When a monthly average limit exists it will be used to determine exceedances and generate points. This will be true even if a weekly limit also exists. When a weekly average limit exists and a monthly limit does not exist, the weekly limit will be used to determine exceedances and generate points. 1.2 If any violations occurred, what action was taken to regain compliance?

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

Waukesha City
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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	Effluent Monthly	Months of	Permit Limit
	phosphorus Limit	Average phosphorus	Discharge with a	Exceedance
	(mg/L)	(mg/L)	Limit	
January	.6	0.174	1	0
February	.6	0.128	1	0
March	.6	0.060	1	0
April	.6	0.050	1	0
May	.6	0.068	1	0
June	.6	0.040	1	0
July	.6	0.041	1	0
August	.6	0.043	1	0
September	.6	0.058	1	0
October	.6	0.089	1	0
November	.6	0.051	1	0
December	.6	0.068	1	0
Months of Discharg	e/yr		12	
Points per each e	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?

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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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										(Che	ck al	I that	t app	ly)						
				-	•															
	☐ Publicl	•			-		_	ty Bi	osoli	ds										
	☐ Hauled		nothe	er perr	nitte	d fac	ility													
	☐ Landfil																			
	☐ Incine	rated																		
	\square Other																			
	NOTE: If	you	did no	ot rem	ove l	oioso	lids f	rom	your	syste	em, p	oleas	e des	cribe	you	r sys	tem ty	ype su	ch	
	as lagoor									etc.										
	1.1.1 If y	ou cl	necke	d Othe	er, pl	ease	desc	ribe:												
_		ı		.,																
4	2. Land App	-			۸ است	-L:	1	. م. ۸ لــ	- I: I	: C	·:									
	2.1 Last Y							а Арі	piicat	ion S	ites									
	2.1.1 Hov 3311.40			ies ui	u you	ı ııav	er													
	2.1.2 Hov			res di	d voi	LUSE	?													
	808	** 111G	, ac	acre	•	· usc	•													
		did r	ot ba			2000	c for		. lane	1 222	licati	on n	aada	wha	t act	ian u	rac tal	(an)		
	2.2 If you	aia i	101 116	ive en	ougn	acre	STOF	youi	lanc	і арр	ııcatı	OH H	eeus,	WIIa	t act	IOII W	as tai	ken:		
	2.3 Did yo	u ov	erapp	ly nitr	ogen	on a	ny o	f you	ır apı	rove	d lar	nd ap	plica	tion s	sites	you ı	used l	ast ye	ar?	0
	Yes (30)			,			,	,	٠.			•	•			•		,		
	• No `	·	•																	
	2.4 Have a	all th	a cita	c vou	ucad	lact	voar	for l	and a	nnlic	ation	hoo	n coi	l tost	od in	the	nrovio	nuc 1		
	years?	all till	e site	s you	useu	iast	yeai	101 1	anu c	ipplic	atioi	ı bee	11 501	ı test	.eu III	tile	previo	Jus 4		
	• Yes																			
	○ No (10	noin	ts)																	
	•	pom	.5)																	
	•									○ N/A										
_					3. Biosolids Metals															
	Number	f hins																		
	Nullibel 0	1 0103	olids	outfal	ls in	your	WPD	ES p	ermi	t:										
	3.1 For ea					•		•			uality	y valı	ues fo	or yo	ur fa	cility	durin	g the l	ast	
		ich oi				•		•			uality	y valı	ues fo	or yo	ur fa	cility	durin	g the I	ast	
	3.1 For ea	ıch ou ear.	utfall	tested	, ver	•		•			uality	y valı	ues fo	or yo	ur fa	cility	durin	g the l	ast	
	3.1 For ea calendar y Outfall No.	ich ou ear. . 005	utfall - Liq	tested uid Slu	, ver idge	ify th	e bic	solid	ls me	etal q										
	3.1 For ea	ear. 005 80%	utfall - Liq	tested uid Slu Ceiling	, ver idge	•		•			uality	y valı Aug	ues fo	or yo	ur fa	cility	80%		Ceiling	
	3.1 For ea calendar y Outfall No. Parameter	ch ou ear. . 005	rtfall - Liq H.Q. Limit	tested uid Slu Ceiling Limit	, ver idge	ify th	e bic	solid	ls me	etal q							80%	High Quality	Ceiling	
	3.1 For ea calendar y Outfall No. Parameter	ear. 005 80%	- Liq H.Q. Limit	uid Slu Ceiling Limit	, ver idge	ify th	e bic	solid	ls me	etal q							80%	High Quality 0	Ceiling 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium	ear. 005 80%	- Liq H.Q. Limit 41 39	uid Slu Ceiling Limit 75 85	, ver idge	ify th	e bic	solid	ls me	etal q							80%	High Quality 0	Ceiling 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper	ear. 005 80%	- Liq H.Q. Limit 41 39 1500	uid Slu Ceiling Limit 75 85 4300	, ver idge	ify th	e bic	solid	ls me	etal q							80%	High Quality 0 0	Ceiling 0 0 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper Lead	ear. 005 80%	- Liq H.Q. Limit 41 39 1500 300	uid Slu Ceiling Limit 75 85 4300 840	, ver idge	ify th	e bic	solid	ls me	etal q							80%	High Quality 0 0 0	Ceiling 0 0 0 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper Lead Mercury	ear. . 005 80% of Limit	- Liq H.Q. Limit 41 39 1500	uid Slu Ceiling Limit 75 85 4300 840 57	, ver idge	ify th	e bic	solid	ls me	etal q							80% Value	High Quality 0 0	Ceiling 0 0 0 0 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper Lead Mercury Molybdenum	ear. 005 80% of Limit	- Liq H.Q. Limit 41 39 1500 300	uid Slu Ceiling Limit 75 85 4300 840 57 75	, ver idge	ify th	e bic	solid	ls me	etal q							80% Value	High Quality 0 0 0	Ceiling 0 0 0 0 0 0 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper Lead Mercury Molybdenum Nickel	005 80% of Limit	- Liq H.Q. Limit 41 39 1500 300	uid Slu Ceiling Limit 75 85 4300 840 57 75 420	, ver idge	ify th	e bic	solid	ls me	etal q							80% Value	High Quality 0 0 0	Ceiling 0 0 0 0 0 0 0 0	
	3.1 For eacalendar y Outfall No. Parameter Arsenic Cadmium Copper Lead Mercury Molybdenum	005 80% of Limit 60 336	- Liq H.Q. Limit 41 39 1500 300 17	uid Slu Ceiling Limit 75 85 4300 840 57 75	, ver idge	ify th	e bic	solid	ls me	etal q							80% Value	High Quality 0 0 0	Ceiling 0 0 0 0 0 0 0	

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2020

Outfall No	o. 00	2 - C	ake S	ludg	е													
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	<5.3			<5.5			<5.3			5.7				0	0
Cadmium		39	85	1.4			.64			1			.92				0	0
Copper		1500	4300	666			627			685			696				0	0
Lead		300	840	21.5			22.3			25.1			26.1				0	0
Mercury		17	57	.43			.26			.35			.44				0	0
Molybdenum	60		75	17.4			12.6			14.8			14.7			0		0
Nickel	336		420	57			41.3			39.1			35.6			0		0
Selenium	80		100	8.5			6.3			8.6			7			0		0
Zinc		2800	7500	982			835			1020			1100				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)
- 0 1-2 (10 Points)
- \circ > 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
- O No (10 points)
- N/A Did not exceed limits or no HQ limit applies (0 points)
- O 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)
- 0 1 (10 Points)
- 0 > 1 (15 Points)
- 3.1.4 Were biosolids land applied which exceeded the ceiling limit?
- O 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?
- 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:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	61,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples. Lab Certification Number: 721026460

0

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	5/14/2021
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	390,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Storage pile samples. Lab Certification Number: 721026460
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	57,900
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples. Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	29,400
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples. Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	4,460
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Storage pile samples. Lab Certification Number: 460024950

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Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	18,200
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples.
	Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 12/31/2020
Density:	817
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Storage pile samples.
	Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2020 - 03/31/2020
Density:	61,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	No
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples.
. rocess Bescription:	Lab Certification Number: 721026460
O. Afall North and	
Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	04/01/2020 - 06/30/2020
Density:	390,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Storage pile samples. Lab Certification Number: 721026460
1	Lan Certification National: /21020400

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Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	04/01/2020 - 06/30/2020
Density:	57,900
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples. Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	07/01/2020 - 09/30/2020
Density:	29,400
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	No
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples. Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	07/01/2020 - 09/30/2020
Density:	4,460
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	No
Process:	Anaerobic Digestion
Process Description:	Storage pile samples.
	Lab Certification Number: 460024950
Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	10/01/2020 - 12/31/2020
Density:	18,200
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Centrifuge samples.
	Lab Certification Number: 460024950

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Outfall Number:	002
Biosolids Class:	В
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	10/01/2020 - 12/31/2020
Density:	817
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Storage pile samples. Lab Certification Number: 460024950

0

- 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?

 Yes (40 Points)
- No

If yes, what action was taken?

- 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:	002
Method Date:	12/31/2020
Option Used To Satisfy Requirement:	Incorporation when land apply
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	
Results (if applicable):	

Outfall Number:	002
Method Date:	03/31/2020
Option Used To Satisfy Requirement:	Incorporation when land apply
Requirement Met:	Yes
Land Applied:	No
Limit (if applicable):	
Results (if applicable):	

Outfall Number:	002
Method Date:	06/30/2020
Option Used To Satisfy Requirement:	Incorporation when land apply
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	
Results (if applicable):	

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Outfall Number:	002
Method Date:	09/30/2020
Option Used To Satisfy Requirement:	Incorporation when land apply
Requirement Met:	Yes
Land Applied:	No
Limit (if applicable):	
Results (if applicable):	
	•
O. HE-II November	002

Outfall Number:	002
Method Date:	12/31/2020
Option Used To Satisfy Requirement:	Incorporation when land apply
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	
Results (if applicable):	

0

0

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

 Yes (40 Points)
- No

If yes, what action was taken?

- 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)
- 150 179 days (10 Points)
- 0 120 149 days (20 Points)
- 90 119 days (30 Points)
- 0 < 90 days (40 Points)</p>
- O N/A (0 Points)
- 6.2 If you checked N/A above, explain why.
- 7. Issues
- 7.1 Describe any outstanding biosolids issues with treatment, use or overall management:

None, 2020 was a good year weather wise for a change.

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	Α

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Staffing and Preventative Maintenance (All Treatment Plants)

 Plant Staffing Was your wastewater treatment plant adequately staffed last year? 	
• Yes	
o No	
If No, please explain:	
Could use more help/staff for:	
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:	
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) □□	
No (40 points)□□	
If No, please explain, then go to question 3:	
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	0
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	
Computer system	
Both paper and computer system	
O No (10 points)	
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 /Repairs4.1 Rate the overall maintenance of your wastewater plant.	
Excellent	
• Very good	
o Good	
O Fair	
o Poor	
Describe your rating:	

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During the height of Covid we were rotating our staff to isolate from each other so some maintenance was deferred until safe to have all staff here together. However having had a recent upgrade most equipment is newer and requires less upkeep.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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Operator Certification and Education

Operator	Certification and Educa	LIOII				
1.1 Did yo ● Yes (0 ○ No (20 Name:	points) FF T HARENDA	n-charge during the	report year?			0
2.1 In according and subcle	stion Requirements cordance with Chapter NR 114.5 ass(es) were required for the oper plant and what level and subclass Description SubClass Description Suspended Growth Processes	erator-in-charge (O	IC) to operat	e the waste	water	
A2	Attached Growth Processes				X	
A3	Recirculating Media Filters					
A4	Ponds, Lagoons and Natural		Х			
A5	Anaerobic Treatment Of Liquid					
В	Solids Separation	Х			X	
C Biological Solids/Sludges X						0
Р	Total Phosphorus	Х			X	
N	Total Nitrogen					
D	Disinfection	Х			X	
L	Laboratory	X			X	
U	Unique Treatment Systems					
SS	Sanitary Sewage Collection	Х	NA	Х	NA	
	points)					
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:						o
4. Continui	ing 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:

- Averaging 6 or more CECs per year.
- Averaging less than 6 CECs per year.

Advanced Certification:

- Averaging 8 or more CECs per year.
- Averaging less than 8 CECs per year.

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	Α

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Financial Management

1. Provider of Financial Information Name:				
	h Abbott			
Telephone: 262	-524-3556		(XXX) XXX-XXXX	
E-Mail Address				
(optional):	oott@waukesha-w	vi nov		
-	rotte waantoona n	901		
 2. Treatment Works Operating F 2.1 Are User Charges or other treatment plant AND/OR collect Yes (0 points) □□ No (40 points) If No, please explain: 	revenues sufficier	nt to cover O&M exp	penses for your wastewater	
2.2 When was the User Charge Year:	System or other	revenue source(s)	last reviewed and/or revised?	0
2020 • 0-2 years ago (0 points) □□				
o 3 or more years ago (20 points)				
N/A (private facility)	,			
2.3 Did you have a special accommodification financial resources available for plant and/or collection system?Yes (0 points)			·	
○ No (40 points)				
REPLACEMENT FUNDS [PUBLIC		ILITIES SHALL COM	1PLETE QUESTION 3]	
 3. Equipment Replacement Fund 3.1 When was the Equipment Fund Year: 2020 1-2 years ago (0 points)□□ 	Replacement Fund	l last reviewed and,	or revised?	
o 3 or more years ago (20 poir	ıts)□□			
○ N/A If N/A, please explain:				
The state of the s				
3.2 Equipment Replacement Fu	nd Activity			
3.2.1 Ending Balance Report	•	r's CMAR	\$ 3,311,075.71	
3.2.2 Adjustments - if necessar audit correction, withdrawal of e making up previous shortfall, et	excess funds, incr		\$ 0.00	
3.2.3 Adjusted January 1st Beg	Jinning Balance		\$ 3,311,075.71	
3.2.4 Additions to Fund (e.g. pearned interest, etc.)	ortion of User Fee	+	\$ 250,000.00	

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

\$ 15,098.40

3.2.6 Ending Balance as of December 31st for CMAR Reporting Year

\$ 3,545,977.31

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.

Clarifier blanket meters \$15,098.40

3.3 What amount should be in your Replacement Fund?

1,698,128.00

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

O No

[f	No,	, p	lease	exp	lain

- 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		Approximate Construction Year
	6-10 year faciltity plan upgrades, to include phosphorus treatment, primary inf/eff pump replacement, continued electrical upgrades, door, paving, and aeration piping replacements.	15800000	2021
2	Replace scum pump	16500	2021
3	gravity. Eliminate and consolidate three lift stations on west side of city.		2022
4			2021
5			2021
6	Replace top thickened sludge pump	20000	2021
7	Facility Plan 11-15 yr. upgrades. Continued upgrades to motor control centers, biogas utilization.		2024
8	Replace 110/140 bldg. emergency generators	4,500,000	2024
9	replace bldg. 510 emergency generators	1,500,000	2025

5	. Financial	Management	General	Comments

ENERGY EFFICIENCY AND USE

- 6. Collection System
- 6.1 Energy Usage
- 6.1.1 Enter the monthly energy usage from the different energy sources:

0

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COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations:

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	103,117	17
February	87,532	20
March	84,299	15
April	91,794	16
May	86,455	14
June	83,484	17
July	70,559	17
August	61,133	19
September	58,381	25
October	59,539	30
November	65,186	16
December	75,647	19
Total	927,126	225
Average	77,261	19

6.1.2 Comments:

Gas consumption is from 3 onsite emergency generators which are exercised weekly. We have 4 small grinder stations that are not metered separately, adding in the averages for 3 of the same that are would increase the 927,126 kWh total by 3,584 for a total of 930,710 kWh for all stations.

6.2	2	Energy	Related	Processes	and E	auipment
-----	---	--------	---------	-----------	-------	----------

7.2 Energy Related Frocesses 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 Standard System Scandard System
Submersible Pumps

✓ Variable Speed Drives

☑ Other:

Three pump stations have onsite emergency natural gas generators.

6.2.2 Comments:

Continued I&I reduction should reduce electrical consumption. We also have some gravity consolidation projects underway that will eliminate several pump stations.

- 6.3 Has an Energy Study been performed for your pump/lift stations?
- o No
- Yes

Year:

2019

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Βv	Whom:	
_,	******	,

Donohue

Describe and Comment:

A feasibility study was done for the elimination or upgrading of four lift stations on the west side of the city. Energy consumption was a factor in deciding to consolidate via gravity to one new more efficient station.

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 currently doing a similar study to that mentioned above for six lift stations on the south side of the city.

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	800,377	328.07	2,440	644.77	1,241	27,332
February	759,316	286.15	2,654	693.25	1,095	28,817
March	723,024	365.32	1,979	598.33	1,208	20,717
April	843,649	329.76	2,558	555.63	1,518	15,413
May	756,825	419.94	1,802	431.92	1,752	1,730
June	802,956	317.48	2,529	281.01	2,857	346
July	874,540	295.12	2,963	424.70	2,059	578
August	832,481	248.22	3,354	385.98	2,157	331
September	874,891	236.41	3,701	437.52	2,000	323
October	799,081	231.62	3,450	449.47	1,778	315
November	803,164	215.24	3,731	485.70	1,654	839
December	835,864	217.87	3,837	556.92	1,501	338
Total	9,706,168	3,491.20		5,945.20		97,079
Average	808,847	290.93	2,917	495.43	1,735	8,090

7.1.2 Comments:

We have two natural gas accounts for the plant. One covers six emergency stand-by generators which totaled 5,478 therms. The other account has two emergency back-up generators on it in addition to building heat. The generator portion of that account would estimate to be 1,826 therms resulting in a total of 7,304 therms used for generators and 89,775 therms for building heat. However,in November a major leak was discovered on our main gas line which was repaired, and it was subsequently discovered that our main gas meter was not functioning correctly since March. The gas meter was replaced by WE Energies in December so gas usage listed is what was invoiced for. A calculated average was used for air permit reporting. Process heat was 100% from bio-gas.

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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: 	
Eight 300kW natural gas emergency back-up generators which are exercised weekly.	
7.2.2 Comments:	
Our primary influent and our primary effluent is pumped.	
7.3 Future Energy Related Equipment7.3.1 What energy efficient equipment or practices do you have planned for the future for your treatment facility?The primary influent and effluent pumps are being replaced with newer high efficiency pumps.	
Beneficial bio-gas reuse continues to be examined.	
8. Biogas Generation	
8.1 Do you generate/produce biogas at your facility? o No	
YesIf 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 ● Yes ▼ Entire facility	
IAL EDITION (3CHIEV	1

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Year:			
2020			
By Whom:			
UW Milwaukee Industrial Assessment Center			
Describe and Comment:			
This was a student project sponsored by the US Dept. of Energy. There was a recommendation to replace the DAFT air system which we are looking at through the budget process, and also a Solar Panel system to offset electrical costs. There were a few other minor recommendations but for the most part they found we are being energy conscious. Some of the costs were unrealistic so we are researching further.			
☐ Part of the facility			
Year:			
By Whom:			
Describe and Comment:			

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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Sanitary Sewer Collection Systems

 Capacity, Management, Operation, and Maintenance (CMOM) Program Do you have a CMOM program that is being implemented?
Yes
o 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:
Maintain assets through rehabilitation and replacement program-rehabilitated/replaced: 22,955 LF mainline, 10,668 LF laterals, rehabilitate 253 manholes. Clean 30% of sewers.
Televise 10% of sewers.
Inspect all pump stations weekly.
Did you accomplish them? ● Yes ○ No If No, explain:
11 No, explain.
☑ 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?
Chapter 29
If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 03/20/2018
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:

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5/14/2021 2020 ☑ Equipment and replacement part inventories ☑ 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 \square Design and Performance Provisions [NR 210.23 (4) (e)] \square 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 ☑ State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements □ Construction, Inspection, and Testing ☑ Others: Sanitary infrastructure Field Verification & Acceptance Request forms must be submitted and approved prior to city acceptance of sanitary infrastructure. \square Overflow Emergency Response Plan [NR 210.23 (4) (f)] \square Does your emergency response capability include: ☑ Responsible personnel communication procedures ☑ Response order, timing and clean-up ☑ Public notification protocols \square Annual Self-Auditing of your CMOM Program [NR 210.23 (5)] \square ☑ 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: Flow review for sizing Pebble Valley lift station/force main upgrade. 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. 90 % of system/year Cleaning % of system/year Root removal ol % of system/year Flow monitoring % of system/year Smoke testing Sewer line 9.7 % of system/year televising Manhole % of system/year inspections # per L.S./year Lift station O&M 50 Manhole % of manholes rehabbed rehabilitation Mainline % of sewer lines rehabbed rehabilitation

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Private sewer inspections 1 % of system/year	
Private sewer I/I	
River or water crossings 100 % of pipe crossings evaluated or maintained	
Please include additional comments about your sanitary sewer collection system below:	٦
There were 111 after hours call in alarms for lift stations in 2020. 27 of those were communications related, 33 were due to power outages, and 51 were mechanical or controls related issues. All of these were resolved in the field with no failure of the station. Lift Station O&M involves weekly inspections to test equipment and pump down wet wells. Preventative mechanical maintenance and wet well flushing are performed at least annually.	
3. Performance Indicators	
3.1 Provide the following collection system and flow information for the past year.	
34.57 Total actual amount of precipitation last year in inches	
34.62 Annual average precipitation (for your location)	
269 Miles of sanitary sewer	
38 Number of lift stations	
2 Number of lift station failures	
1 Number of sewer pipe failures	
Number of basement backup occurrences	
Number of complaints	
9.53 Average daily flow in MGD (if available)	
21.11 Peak monthly flow in MGD (if available)	
21.107 Peak hourly flow in MGD (if available)	
3.2 Performance ratios for the past year: 0.05 Lift station failures (failures/year)	
0,00 Sewer pipe failures (pipe failures/sewer mile/yr)	
0.01 Sanitary sewer overflows (number/sewer mile/yr)	
0.01 Basement backups (number/sewer mile)	
0.01 Complaints (number/sewer mile)	
2.2 Peaking factor ratio (Peak Monthly:Annual Daily Avg)	
2.2 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		
	6/1/2020 6:00:00 PM - 6/1/2020 6:15:00 PM	1150 Frame Park Dr. Waukesha WI 53186	Other causes	5		
1	6/12/2020 1:00:00 PM - 6/12/2020 1:20:00 PM	1150 Frame Park Dr. Waukesha WI 53186	Other causes	3		
	8/21/2020 5:00:00 PM - 8/24/2020 3:00:00 PM	1154 Burr Oak Blvd. Waukesha WI 53189	Broken Sewer, Broken Sewer	593,000		

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-	8/28/2020 6:10:00 AM - 8/28/2020 6:20:00 AM	600 Sentry Drive, Waukesha WI 53186	Plugged Sewer	1,800

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

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

A contractor will be hired to upgrade the Frame Park bathroom pump station with completion planned for end of summer. The upgrade will include a call-out alarm. The Burr Oak force main and station are currently under study for either elimination or replacement/upgrade. The drain line that backed up at the treatment plant was determined to have an excessive amount of hard water scale build-up so entire line was high pressure jetted. The switch of water supply will eliminate the hard water scale.

- 5. Infiltration / Inflow (I/I)
- 5.1 Was infiltration/inflow (I/I) significant in your community last year?
- o Yes
- No

If Yes, please describe:

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?

o Yes

• No

If Yes, please describe:

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

For 2020, the average monthly difference in Clean Water Plant (CWP) influent versus Water Utility pumping was 4.118 MGD. This is higher than the historical (2005-2010) monthly average difference of 3.390 MGD by 0.728 MGD. This is the smallest increase above the historical monthly average since 2016. This may be attributable to the extensive sewer lining work conducted in the Pebble Valley area recognized as contributing a significant level of I/I to the system.

The precipitation for the year was slightly below the historical annual total. This marks the first time in five years that the precipitation fell below the historical average precipitation.

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

Continued lining or re-laying of mainline sewer, lining or re-laying of laterals in the ROW, grouting of individual leaks in the sewers, chimney seals on rehabilitated manholes, continue budgeting for lining of concrete sewers and televising for suspected clear water discharges.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	Α

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Grading Summary

WPDES No: 0029971

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	
Ammonia	A	4	5	20	
Phosphorus	Α	4	3	12	
Biosolids	А	4	5	20	
Staffing/PM	Α	4	1	4	
OpCert	Α	4	1	4	
Financial	Α	4	1	4	
Collection	A	4	3	12	
TOTALS			37	148	
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)

Waukesha City		Last Updated: 5/14/2021	Reporting For 2020
Resolution or Owner	's Statement		
Name of Governing Body or Owner:			
body of Owner.	City of Waukesha		
Date of Resolution or	e.c, e. manicona		
Action Taken:			
Resolution Number:			
Date of Submittal:			
ACTIONS SET FORTH BY	THE GOVERNING BODY OR OWNER RE	LATING TO SPECIF	C CMAR
	grade A or B. Required for grade C, D,	or F):	
Influent Flow and Loading	js: Grade = A		
Effluent Quality: BOD: Gr	ade = A		
Effluent Quality: TSS: Gra	 ade = _		
Cindent Quanty: 199. Gra	de – A		
Effluent Quality: Ammoni	a: Grade = A		
Effluent Quality: Phospho	rus: Grade = A		
, ,			
Discolide Ovelity and Man	- A Tamanti Cuada		
Biosolids Quality and Man	lagement: Grade = A		
Staffing: Grade = A			
Operator Certification: Gr			
Operator certification: Gr	ddc - A		
Financial Management: G	rade = A		
Collection Systems: Grad	e = A		
(Regardless of grade, res	ponse required for Collection Systems if SSO	Os were reported)	
	d to upgrade the Frame Park bathroom pum		
	ner. The Burr Oak force main and station are		
	lacement/upgrade. The drain line that backed an excessive amount of hard water scale but		
	tch of water supply will eliminate the hard w		vas nign
			EDALI
	/ THE GOVERNING BODY OR OWNER RE E AND ANY GENERAL COMMENTS	LATING TO THE OV	EKALL
	er than or equal to 3.00, required for G.P.A.	less than 3.00)	
G.P.A. = 4.00			