Milwaukee, City	Last Update 5/24/2018	
Financial Management		
1. Provider of Financial Information		
Name: Nader Jaber		
Telephone: (414) 286-0514	4 (XXX) XXX-	-XXXX
E-Mail Address	. ,	
(optional): njaber@milwau	lkee gov	
, 94.00. 0		
treatment plant AND/OR collection system ■ Yes (0 points)	ufficient to cover O&M expenses for your wast ?	tewater
O No (40 points)		
If No, please explain:		
2.2 When was the User Charge System or	other revenue source(s) last reviewed and/or	r revised?
Year:		
2016 ● 0-2 years ago (0 points)		O
O 3 or more years ago (20 points)		
O N/A (private facility)		
	CWFP required segregated Replacement Fund or replacing equipment for your wastewater tro	
O No (40 points)		
-	L FACILITIES SHALL COMPLETE QUESTION 3]
3. Equipment Replacement Funds3.1 When was the Equipment Replacemen	t Fund last reviewed and/or revised?	
Year: 2017		
• 1-2 years ago (0 points)		
O 3 or more years ago (20 points)		
0 N/A		
If N/A, please explain:		
2 2 Facility and Banks are and Facility that		
3.2 Equipment Replacement Fund Activity	A Venuela CMAD	
3.2.1 Ending Balance Reported on Las		000.00
3.2.2 Adjustments - if necessary (e.g. earn audit correction, withdrawal of excess fund making up previous shortfall, etc.)		0.00
3.2.3 Adjusted January 1st Beginning Bala	•	.00
3.2.4 Additions to Fund (e.g. portion of Us earned interest, etc.)		.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*) - \$	0.0	0	
3.2.6 Ending Balance as of December 31st for CMAR Reporting Year \$	300,000.0	ō	
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 repair	s from 3.2.5 ab	ove.	
1) Rehab and/or repair pumps and generators and 2) Purchase of sewer equipment: CCTV Pipeline Inspection System, jet nozzles, gas monitors and two vehicles.		·	0
3.3 What amount should be in your Replacement Fund? \$ 300,0	00.00		,
Please note: If you had a CWFP loan, this amount was originally based of Assistance Agreement (FAA) and should be regularly updated as needed, instructions and an example can be found by clicking the SectionInstruct header in the left-side menu. 3.3.1 Is the December 31 Ending Balance in your Replacement Fund aborgreater than the amount that should be in it (#3.3)? • Yes • No If No, please explain.	Further calculations link under	Info	
 4. Future Planning 4.1 During the next ten years, will you be involved in formal planning for or new construction of your treatment facility or collection system? Yes - If Yes, please provide major project information, if not already lise No 		bilitating,	
Project Project Description #		pproximate onstruction Year	
The City of Milwaukee has an ongoing sewer replacement and I/I reduction program. From 2017 to 2022, our six year Capital Improvement Program is \$223,000,000. This amount is for replacement of the City's combined, sanitary and storm sewers. Of that amount, approximately \$5,000,000 is budgeted for the sanitary sewer system rehabilitation each year.	5,000,000	2017	
5. Financial Management General Comments			
The City's budget is based on the calendar year, Jan 1st to Dec 31st.			
ENERGY EFFICIENCY AND USE			
6. Collection System6.1 Energy Usage6.1.1 Enter the monthly energy usage from the different energy sources:			
COLLECTION SYSTEM PUMPAGE: Total Power Consumed			
Number of Municipally Owned Pump/Lift Stations: 90			

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)	
January	12,655	12	
February	13,556	12	
March	12,854	10	
April	12,711	6	
May	11,795	6	
June	10,721	8	
July	10,417	15	
August	10,148	8	
September	21,826	16	
October	9,450	6	
November	11,445	13	
December	11,595	10	
Total	149,173	122	
Average	12,431	10	
☐ Flow Mete ☐ Pneumati ☒ SCADA S ☐ Self-Prim ☒ Submersi	ystem ing Pumps		
Electric He	eater		
6.2.2 Comme	ents:		
• No o Yes Year: By Whom:	nergy Study been performe	ed for your pump/lift station	ns?

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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?
- a. Monthly inspections and monitorings result in early identification of unexpected increases in energy usage, which can be investigated and corrected immediately.
- b. Annual pump rehabilitation project replaces old equipment with new potentially more energy efficient equipment.

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

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Sanitary Sewer Collection Systems

 Capacity, Management, Operation, and Maintenance (CMOM) Program 1.1 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
O No (30 points)
o 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:
To efficiently collect and convey all of our customers' wastewater in the most cost effective
manner while remaining in compliance with WPDES permits, Clean Water Act, Wisconsin Law and MMSD Rules and Regulations.
Did you accomplish them?
• Yes
o No
If 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?
City of Milwaukee Ordinance
If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 1995-09-27
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
☑ Up-to-date sewer system map

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information for O&M a ☒ A description of routin ☒ Capacity assessment ☒ Basement back asses ☒ Regular O&M training ☒ Design and Performance What standards and proce the sewer collection system property?	ctivities, investigation ne operation and main program sment and correction e Provisions [NR 210.2 dedures are established em, including building DNR NR 110 Standar	tenance activities (see question 2 below)	
Milwaukee Metropolita	n Sewerage District G	uidelines	
 ✓ Overflow Emergency Responsible personne ✓ Response order, timir ✓ Public notification pro 	sponse capability inclu Il communication proc ng and clean-up	de:	0
 ☒ Training ☒ Emergency operation ☒ Annual Self-Auditing of ☒ Special Studies Last Yea ☒ Infiltration/Inflow (I/I ☐ Sewer System Evaluation ☐ Sewer Evaluation and ☒ Lift Station Evaluation ☐ Others: 	your CMOM Program ar (check only those th) Analysis Ition Survey (SSES) I Capacity Managment	[NR 210.23 (5)] nat apply):	
	200		
2.1 Did your sanitary sewe	er collection system m mplete all that apply a 47.26	aintenance program include the following and indicate the amount maintained. % of system/year % of system/year	
Flow monitoring	.50	% of system/year	
Smoke testing	0	% of system/year	
Sewer line televising	10	% of system/year	
Manhole inspections	18.23	% of system/year	
Lift station O&M	12	# per L.S./year	
Manhole rehabilitation	.89	% of manholes rehabbed	
Mainline rehabilitation	1.77	% of sewer lines rehabbed	
Private sewer inspections	0	% of system/year	

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Private sewer I/I				
removal	0	% of private services		
River or water		0/ of nine crossings ov	valuated or maintai	inod
crossings	val aammanta ahaut vaur	% of pipe crossings ev		ried
Please include addition	nal comments about your	sanitary sewer collection	on system below:	
	g collection system and f			
	otal actual amount of pre nnual average precipitati		icries	
	iles of sanitary sewer	ion (ioi your location)		
	umber of lift stations			
	umber of lift stations umber of lift station failu	Ires		
	umber of sewer pipe fails			
	umber of basement back			
	umber of complaints	cup occurrences		
	verage daily flow in MGD) (if available)		
	eak monthly flow in MGD			
	eak hourly flow in MGD (
3.2 Performance ratios for	_	in available)		
	ft station failures (failure	es/year)		
0.00 Se	ewer pipe failures (pipe f	failures/sewer mile/yr)		
0.00 Sa	anitary sewer overflows	(number/sewer mile/yr)		
0.03 Ba	asement backups (numb	er/sewer mile)		
1.53 C	omplaints (number/sewe	er mile)		
Pe	eaking factor ratio (Peak	Monthly: Annual Daily A	vg)	
Pe	eaking factor ratio (Peak	Hourly: Annual Daily Av	g)	
4. Overflows				
LIST OF SANITARY SE	EWER (SSO) AND TREAT		FERFLOWS REPOR	TED **
Date	Locatio	on		stimated ume (MG)
	None	reported		
** If there were any SSO on this section until corre		isted above, please con	tact the DNR and s	stop work
5. Infiltration / Inflow (I/ 5.1 Was infiltration/inflo		ur community last vear?		
o Yes	` , 3	y y		
• No				
If Yes, please describe	<u>:</u>			
5.2 Has infiltration/inflo your collection system, I				ms in
o Yes	nt stations, or treatment	. Piant at any time in the	= past year (

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• No	
If Yes, please describe:	_
5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:	_
There are no I/I changes from the previous year.	

- 5.4 What is being done to address infiltration/inflow in your collection system?
 - 1. Flow monitoring 2.Manhole inspections 3. Manhole rehab 4.Sanitary sewer lining projects 5.Working with MMSD on CMOM and the 2020 Facilities Plan.

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

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Grading Summary

WPDES No: 0047341

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial	-			
Collection	А	4	3	12
TOTALS			3	12
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)