

PLEASE TAKE NOTICE that there will be a City of Lodi Public Works & Utilities Committee meeting held on Tuesday, June 2, 2020 at 5:00 pm in the Council Room, City Hall, 130 South Main Street, Lodi, WI.



In-person attendance is limited, masks are encouraged, and distancing will be adhered to. If you attend virtually and wish to speak to an item, please visit the city website to register one day prior to the meeting.

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Public Works & Utilities Committee Agenda

1. Call to Order
2. Public Input

Must state name and address. Must be limited to items not on the agenda. Limited to two minutes unless otherwise extended. Committee's role is to listen and not discuss the item. Personnel issues cannot be discussed nor individuals named. Committee is unable to take action at this meeting.

3. Approve Minutes from May 5, 2020

Documents:

[5-5-20 Public Works Utilities Meeting Minutes.pdf](#)

4. Financials

Financials

Documents:

[4 April 2020 Electric Balance Sheet.pdf](#)
[4 April 2020 Electric Income Stmt.pdf](#)
[4 April 2020 PW Proj Balance Sheet.pdf](#)
[4 April 2020 PW Proj Income Stmt.pdf](#)
[4 April 2020 Sewer Balance Sheet.pdf](#)
[4 April 2020 Sewer Income Stmt.pdf](#)
[4 April 2020 Solid Waste Balance Sheet.pdf](#)
[4 April 2020 Solid Waste Income Stmt.pdf](#)
[4 April 2020 Water Balance Sheet.pdf](#)
[4 April 2020 Water Income Stmt.pdf](#)

5. Recommendation to Approve the Compliance Maintenance Annual Report (CMAR)

Documents:

[2019 Draft CMAR.pdf](#)

6. Director of Operations Projects Report

- Personnel Update
- Update of Pond Street
- Parks Activities Overview

7. Next Meeting Date and Agenda Items

8. Adjourn

Posted: _____

By: _____

To ensure a quorum, please inform the Chair if you are unable to attend

Members: Alders Stevenson (Chair), Clemens, Hansen

Notice is hereby given that a majority of the City of Lodi Common Council may be present at a meeting of the Public Works & Utilities Committee to gather information about subjects over which they have decision making responsibility. This constitutes a meeting of the city council pursuant to State ex rel. Badke v. Greendale Village Bd., 173 Wis.2d 553, 494 N.W.2d 408 (1993), and must be noticed as such; although the City of Lodi Common Council will not take any formal action at this meeting.

**City of Lodi Public Works & Utilities Committee Meeting
Minutes of May 5, 2020**

1. Call to Order

Chair Stevenson called the meeting to order at 5:00 PM.

Committee Members Present: Rich Stevenson, Eric Hansen (virtual), Steve Clemens

Staff Present: Julie Ostrander, Sandra Bloechl, Patrick Staszak

Others: Ann Groves Lloyd and Suzanne Miller

2. Public Input. None

3. Approve Minutes of March 3, 2020 Meeting

MOTION (Hansen/Stevenson) to approve the minutes of the March 3, 2020 meeting. Motion carried.

4. Financials

No questions regarding financials.

5. Recommendation to Amend Ordinance for Violation of Chapter 319 Utilities

MOTION (Stevenson/Hansen) to recommend approval to Council Amending the Ordinance for Violation of Chapter 319 Utilities. Motion carried.

Staszak explained that the code has been brought up to date to try and stop the water loss from builders hooking up early without a meter installed.

6. Director of Operations Projects Report

- **Personnel Update** – PW interviews for equipment operator will be scheduled
- **Update of Pond Street** – on schedule about 2/3 of the way complete; curb & gutter assessments meeting will be scheduled
- **Park Activities Overview** – Pool drained and cleaned but freeze plugs have not been removed. Set to open June 13th and the pool status is at a point that the pool will be able to be ready to open if allowed. Chemicals have not been purchased yet if we cannot open. Parks are not open at this time.

7. Next Meeting Date and Agenda Items

The next regular meeting is June 2, 2020 at 5:00 p.m. at City Hall.

8. Adjourn

MOTION (Stevenson/Clemens) to adjourn at 5:14 p.m. Motion carried.

Minutes by Sandra Bloechl, Accounting Manager/Treasurer

**Lodi Utilities - Electric Department
Balance Sheet
For the Period Ending 4/30/2020**

	Current Month
Assets	
Cash & Investments	\$1,137,437
Customer Accounts Receivable	20,849
Other Receivables	240,687
Prepays & Unamortized Debt Disc/Prem	(67,679)
Work in Progress	38,481
Inventory	101,046
Pension Accounts	180,434
Land and Buildings	55,663
Station Equipment	1,484,312
Poles and Overhead Conductors	1,444,356
Underground Conduit and Conductors	1,751,521
Line Transformers	1,097,612
Vehicles & Heavy Equipment	356,771
Other Capital Assets	1,586,636
Less: Accumulated Depreciation	(4,098,991)
Total Assets	5,329,134
Liabilities	
Accounts Payable	2,977
Accruals and Deferred Credits	330,719
Bonds and Loans Payable	528,406
Interfund Loans Conversion & PILOT	49,065
Total Liabilities	911,167
Equity	
Capital Paid in by Municipality	648,051
Unappropriated Earned Surplus	565,547
Retained Earnings	3,019,096
YTD Net Income	185,273
Total Equity	4,417,967
Total Liabilities and Equity	5,329,134

**Lodi Utilities - Electric Department
Income Statement
For the Period Ending 4/30/2020**

<u>Account Description</u>	<u>April</u>	<u>2020 YTD</u>	<u>Total Budget</u>	<u>Remaining Budget</u>	<u>% of Budget</u>
Revenues					
Interest & Dividend Income	\$658	\$6,047	\$11,000	\$4,953	55%
Misc Nonoperating Income	14	831	1,000	169	83%
Residential Sales	101,395	424,508	1,465,150	1,040,642	29%
Small Comm & Industrial Sales	75,171	311,337	1,150,657	839,320	27%
Large Comm & Industrial Sales	30,058	130,748	695,035	564,287	19%
Public Street & Highway Lighti	5,173	21,267	68,197	46,930	31%
Interdepartmental Sales	2,719	12,086	35,000	22,914	35%
Forfeited Discounts	(343)	658	4,000	3,342	16%
Miscellaneous Service Revenues	98	556	1,000	445	56%
Rent from Electric Property	35	140	16,000	15,860	1%
Other Electric Revenues	66	224	500	276	45%
Total Revenue	215,045	908,401	3,447,539	2,539,138	26%
Expenses					
Depreciation Expense	38,000	98,000	275,000	177,000	36%
Taxes	2,826	2,826	136,000	133,174	2%
Miscellaneous Amortization	0	0	(17,663)	(17,663)	0%
Other Income Deductions	0	662	650	(12)	102%
Interest on Long-Term Debt	8,189	8,189	15,586	7,397	53%
Power-Purchased Power	138,232	432,944	2,369,675	1,936,731	18%
Distrib-Supervision & Eng	2,481	8,838	23,355	14,517	38%
Distrib-Station Expense	666	3,227	10,177	6,950	32%
Distrib-Meter	0	2,395	6,384	3,989	38%
Distrib-Maint of Structures	0	0	500	500	0%
Distrib-Maint of Overhead Line	10,580	34,591	90,240	55,649	38%
Distrib-Maint of UG Lines	5,453	10,843	57,815	46,972	19%
Distrib-Maint of Line Transfor	40	705	12,390	11,685	6%
Distrib-Maint of St. Lighting/	28	451	11,661	11,210	4%
Distrib-Maint of Meters	232	464	3,200	2,736	15%
Cust Accts-Meter Reading	458	1,057	2,424	1,367	44%
Cust Accts-Records & Collectns	2,841	8,605	55,748	47,143	15%
Admin and General Salaries	4,841	13,341	22,690	9,349	59%
Office Supplies & Expenses	362	3,064	12,466	9,402	25%
Outside Services Employed	1,025	7,426	34,756	27,330	21%
Property Insurance	0	18,113	17,446	(667)	104%
Employee Pensions & Benefits	9,658	35,237	107,371	72,134	33%
Regulatory Commission Exp	0	0	2,000	2,000	0%
Miscellaneous General Expense	2,264	19,861	73,056	53,195	27%
Maintenance of General Plant	2,954	12,289	46,649	34,360	26%
Total Expenses	231,130	723,128	3,369,576	2,646,448	21%
NET INCOME	(16,085)	185,273	77,963	(107,310)	238%



**Lodi - PW Projects
Balance Sheet
For the Period Ending 4/30/2020**

Assets

Cash	\$298,433
Receivables:	
Accrued Receivables	
Total Assets	<u>298,433</u>

Liabilities

Advance from Other Funds	_____
Deferred Inflows of Resources	_____

Fund Balances (Deficits)

Restricted	
Assigned	
Unassigned	309,967
Net Change in Fund Balance	(11,534)
Total Fund Balances (Deficits)	<u>298,433</u>
Total Liabilities, Deferred Inflows of Resources and Fund Balances (Deficits)	<u>298,433</u>



Public Works Projects 28228
Income Statement
For the Four Months Ending 4/30/2020

<u>Account Description</u>	<u>April</u>	<u>2020 YTD</u>	<u>Total Budget</u>	<u>Remaining Budget</u>	<u>% of Budget</u>
REVENUE					
Motor Vehicle Taxes Contingency	<u>\$5,622.00</u>	<u>\$14,784.00</u>	<u>\$60,000.00</u>	<u>\$45,216.00</u>	<u>25%</u>
Total Revenue	<u>5,622.00</u>	<u>14,784.00</u>	<u>60,000.00</u>	<u>45,216.00</u>	<u>25%</u>
EXPENSE					
Hwy & Street Maint & Construct Pond St	<u>3,084.30</u>	<u>26,317.83</u>	<u> </u>	<u>(26,317.83)</u>	<u>0%</u>
Total Expense	<u>3,084.30</u>	<u>26,317.83</u>	<u> </u>	<u>(26,317.83)</u>	<u>0%</u>
Net Income	<u>2,537.70</u>	<u>(11,533.83)</u>	<u>60,000.00</u>	<u>71,533.83</u>	<u>(19%)</u>

**City of Lodi - Sewer Department
Balance Sheet
For the Period Ending 4/30/2020**

	Current Month
Assets	
Cash & Investments	\$1,601,256
Customer Accounts Receivable	15,825
Constructon Work in Progress	174,097
Boiler Plant Connections	372,245
Engines Intakes/ Accessory Infiltration	1,753,191
Elec Pump Equip/Other Power Equip	1,782,668
Structures & Improvements	1,966,803
Reserves/ Treatments	370,257
Sludge Treatment & Disposal	841,409
Plant Site Piping/Flow Metering	535,596
General Equipment	363,942
Tools, Shop, Gar/Boiler	40,650
Vehicles & Heavy Equipment	205,312
Less: Accumulated Depreciation	(5,027,434)
Accruals & Deferred Debits	146,137
Total Assets	5,141,953
Accruals and Deferred Credits	128,604
Bonds and Loans Payable	480,242
Total Liabilities	608,847
Contributed Capital	360,402
Retained Earnings	4,132,560
YTD Net Income	40,145
Total Equity	4,533,107
Total Liabilities and Equity	5,141,953

**Lodi Utilities - Sewer Department
Income Statement
For the Period Ending 4/30/2020**

<u>Account Description</u>	<u>April</u>	<u>2020 YTD</u>	<u>Total Budget</u>	<u>Remaining Budget</u>	<u>% of Budget</u>
REVENUE					
Interest & Dividend Income	\$1,612.69	\$10,277.05	\$17,000.00	\$6,722.95	60%
Misc Nonoperating Income	28.00	161.00	0.00	(161.00)	0%
Misc Credits Surplus Profit Sale on Property	0.00	215.00	20,000.00	19,785.00	1%
Residential Sales	56,382.90	215,860.16	652,000.00	436,139.84	33%
Multifamily Sales	3,484.08	13,965.36	38,900.00	24,934.64	36%
Small Comm & Industrial Sales	7,610.16	34,224.66	110,000.00	75,775.34	31%
Large Comm & Industrial Sales	1,280.00	4,026.16	17,000.00	12,973.84	24%
Other Sales to Public Authority	2,517.20	13,263.20	39,342.00	26,078.80	34%
Interdepartmental Sales	398.00	1,049.92	1,800.00	750.08	58%
Forfeited Discounts	(155.02)	277.32	2,200.00	1,922.68	13%
Misc Service Revenues	137.58	2,098.95	7,300.00	5,201.05	29%
Amort of Construction Grant - Sewer Plant	0.00	0.00	26,441.00	26,441.00	0%
Total Revenue	<u>73,295.59</u>	<u>295,418.78</u>	<u>931,983.00</u>	<u>636,564.22</u>	<u>32%</u>
EXPENSES					
Depreciation Expense	21,600.00	81,600.00	230,000.00	148,400.00	35%
Long-Term Debt Interest Exp	8,604.67	8,604.67	16,646.00	8,041.33	52%
Sewer-Supervision & Labor	25,674.24	73,936.03	253,486.00	179,549.97	29%
Sewer-Power/Fuel for Pumping	3,205.04	15,764.35	59,600.00	43,835.65	26%
Sewer-Phosphorous Removal	5,608.08	5,608.08	24,000.00	18,391.92	23%
Sewer-Sludge Cond Chemical	0.00	0.00	10,000.00	10,000.00	0%
Sewer-Other Chemicals	604.38	1,874.40	5,500.00	3,625.60	34%
Sewer-Transportation Expense	223.99	449.18	11,500.00	11,050.82	4%
Sewer-Operating Rents	1,000.00	4,000.00	12,000.00	8,000.00	33%
Sewer-Maint Collection System	3,424.75	3,424.75	29,000.00	25,575.25	12%
Sewer-Collect Sys Pump Equip	0.00	0.00	5,500.00	5,500.00	0%
Sewer-Maint Treat & Disp Equip	0.00	0.00	4,000.00	4,000.00	0%
Sewer-Maint General Plant	190.39	3,990.53	3,500.00	(490.53)	114%
Sewer-Billing, Collect & Acctg	2,569.34	7,386.16	27,874.00	20,487.84	26%
Sewer-Meter Reading	2,084.16	8,336.64	23,000.00	14,663.36	36%
Sewer-Admin & Gen Salaries	1,284.82	3,503.09	11,345.00	7,841.91	31%
Sewer-Office Supplies & Exp	449.22	4,369.98	12,650.00	8,280.02	35%
Sewer-Outside Services	996.77	7,447.61	33,500.00	26,052.39	22%
Sewer-Insurance	0.00	22,365.85	21,785.00	(580.85)	103%
Sewer-Reg Commission Exp	0.00	0.00	5,000.00	5,000.00	0%
Sewer-Misc General Exp	46.38	2,191.73	11,200.00	9,008.27	20%
Miscellaneous General Expense	144.31	421.05	2,000.00	1,578.95	21%
Total Expenses	<u>77,710.54</u>	<u>255,274.10</u>	<u>813,086.00</u>	<u>557,811.90</u>	<u>31%</u>
NET INCOME	(4,414.95)	40,144.68	118,897.00	78,752.32	34%



**Lodi - Solid Waste
Balance Sheet
For the Period Ending 4/30/2020**

Assets

Cash & Investments	(\$15,231)
Receivables:	
Taxes	170,579
Due from County Trash/Recycling	120
Total Assets	<u>155,468</u>

Liabilities

Advance from Other Funds

Deferred Inflows of Resources

Fund Balances (Deficits)

Restricted	
Assigned	
Unassigned	25,412
Net Change in Fund Balance	130,056
Total Fund Balances (Deficits)	<u>155,468</u>
Total Liabilities, Deferred Inflows of Resources and Fund Balances (Deficits)	<u>155,468</u>



**Lodi Solid Waste
Solid Waste Income Statement
For the Four Months Ending 4/30/2020**

<u>Account Description</u>	<u>April</u>	<u>2020 YTD</u>	<u>Total Budget</u>	<u>Remaining Budget</u>	<u>% of Budget</u>
REVENUE					
General Property Taxes		\$170,579.00	\$168,609.00	(\$1,970.00)	101%
Garbage/Recycling Fees	318.50	661.50		(661.50)	0%
Total Revenue	318.50	171,240.50	168,609.00	(2,631.50)	102%
EXPENSE					
Garbage Collection Contractual Services and Operating Supplies	9,627.55	28,832.55	115,929.00	87,096.45	25%
Recycling Contractual Services	4,116.21	12,352.21	49,137.00	36,784.79	25%
Total Expense	13,743.76	41,184.76	165,066.00	123,881.24	25%
Net Income	(13,425.26)	130,055.74	3,543.00	(126,512.74)	3,671%

**Lodi Utilities - Water Department
Balance Sheet
For the Period Ending Thursday, April 30, 2020**

	Current Month
Assets	
Cash & Investments	\$741,983.02
Customer Accounts Receivable	10,425.82
Other Receivables	58,466.22
Inventory	32,148.18
Pension Accounts	45,497.00
Land and Buildings	1,151,333.56
Wells & Pumps	1,342,015.08
Transmission & Distribution Mains	4,138,063.97
Meters	396,089.61
Hydrants	395,883.62
Vehicles & Heavy Equipment	117,508.21
Other Capital Assets	1,948,239.10
Less: Accumulated Depreciation	(2,493,899.91)
Total Assets	7,883,753.48
Liabilities	
Accruals and Deferred Credits	251,316.02
Bonds Payable	2,068,560.00
Interfund Loan - PILOT	60,896.24
Total Liabilities	2,380,772.26
Equity	
Capital Paid in by Municipality	555,417.23
Unappropriated Earned Surplus	805,542.20
Retained Earnings	4,082,344.58
YTD Net Income	59,677.21
Total Equity	5,502,981.22
Total Liabilities and Equity	7,883,753.48

**Lodi Utilities - Water Department
Income Statement
For the Period Ending 4/30/2020**

<u>Account Description</u>	<u>April</u>	<u>2020 YTD</u>	<u>Total Budget</u>	<u>Remaining Budget</u>	<u>% of Budget</u>
Revenues					
Interest & Dividend Income	\$799	\$5,024	\$3,000	(\$2,024)	167%
Misc Nonoperating Income	14	9,541	8,000	(1,541)	119%
Metered Sales - Water	38,679	151,417	556,412	404,995	27%
Private Fire Protection Serv	1,115	4,460	13,000	8,540	34%
Public Fire Protection Service	21,882	87,252	272,656	185,404	32%
Other Sales Public Auth-Water	2,128	9,559	21,000	11,441	46%
Interdepartmental Sales-Water	306	1,004	2,500	1,496	40%
Forfeited Discounts-Water	(101)	188	1,000	812	19%
Other Water Revenues	990	3,609	10,000	6,391	36%
Total Revenue	65,812	272,055	887,568	615,513	31%
Expenses					
Depreciation Expense	29,879	81,115	156,000	74,885	52%
Taxes	(303)	(1,212)	120,000	121,212	(1%)
Miscellaneous Amortization	0	0	(4,520)	(4,520)	0%
Interest on Long-Term Debt	36,258	36,833	71,703	34,870	51%
Water Supply- Labor & Expenses	3,266	9,418	20,670	11,252	46%
Pumping-Fuel or Power Purch	2,291	9,961	32,000	22,039	31%
Pumping-Maint of Pumping Eqp	0	1,205	500	(705)	241%
Water Treat-Chemicals	0	732	4,000	3,268	18%
Water Trans/Distr-Superv & Eng	2,481	8,838	23,355	14,517	38%
Water Trans/Distr-Cust Install	0	1,295	0	(1,295)	0%
Water Trans/Distr-Miscellaneous	146	586	5,500	4,914	11%
Water Trans/Distr-Maint of Res	0	0	1,000	1,000	0%
Water Trans/Distr-Maint of Mai	0	131	9,500	9,369	1%
Wtr Trans/Distr-Maint Service	56	1,400	14,265	12,865	10%
Water Trans/Distr-Maint Meter	787	3,243	11,732	8,489	28%
Wtr Trans/Distr-Maint Hydrants	2,072	5,221	18,699	13,478	28%
Wtr Trans/Distr-Maint Misc Plt	112	422	4,165	3,743	10%
Cust Accts-Meter Reading	0	152	186	34	82%
Cust Accts-Records & Collectns	1,434	4,269	27,874	23,605	15%
Admin and General Salaries	2,421	6,670	11,345	4,675	59%
Office Supplies & Expenses	214	2,037	10,100	8,063	20%
Outside Services Employed	3,057	7,677	24,820	17,143	31%
Property Insurance	0	6,812	6,451	(361)	106%
Employee Pensions & Benefits	4,937	17,018	39,556	22,538	43%
Regulatory Commission Exp	0	0	1,500	1,500	0%
Miscellaneous General Expense	408	4,176	18,899	14,723	22%
Maintenance of General Plant	521	4,378	14,658	10,280	30%
Total Expenses	90,036	212,378	643,958	431,580	33%
NET INCOME	(24,224)	59,677	243,610	183,933	24%

Compliance Maintenance Annual Report

Lodi Wastewater Treatment Facility

Last Updated: Reporting For:
5/28/2020 **2019**

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	x	8.34	=	Influent Monthly Average BOD Loading, lbs/day
January	0.3703	x	220	x	8.34	=	679
February	0.3564	x	137	x	8.34	=	408
March	0.4537	x	149	x	8.34	=	564
April	0.4575	x	145	x	8.34	=	554
May	0.4225	x	152	x	8.34	=	535
June	0.3437	x	122	x	8.34	=	351
July	0.3431	x	139	x	8.34	=	397
August	0.2822	x	168	x	8.34	=	394
September	0.3171	x	162	x	8.34	=	428
October	0.3677	x	139	x	8.34	=	426
November	0.3298	x	137	x	8.34	=	377
December	0.3477	x	158	x	8.34	=	458

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	.62	x	90	=	0.558
		x	100	=	.62
Design BOD, lbs/day	1600	x	90	=	1440
		x	100	=	1600

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

Lodi Wastewater Treatment Facility

Last Updated: Reporting For:
5/28/2020 2019

3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?
 Yes Enter last calibration date (MM/DD/YYYY)

No

If No, please explain:

Influent flow is not metered.

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

No

If No, please explain:

4.2 Was it necessary to enforce the ordinance?

Yes

No

If Yes, please explain:

5. Septage Receiving

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

Septic Tanks Holding Tanks Grease Traps

Yes

Yes

Yes

No

No

No

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

Septic Tanks

Yes gallons

No

Holding Tanks

Yes gallons

No

Grease Traps

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.

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?

Yes

No

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

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

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Yes

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.

24,000 gallons of slaughter house waste. Waste is pumped to raw sludge holding, dewatered, and put into digester.

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

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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. 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	11	1	0	0
February	30	27	13	1	0	0
March	30	27	17	1	0	0
April	30	27	8	1	0	0
May	30	27	15	1	0	0
June	30	27	10	1	0	0
July	30	27	12	1	0	0
August	30	27	14	1	0	0
September	30	27	12	1	0	0
October	30	27	12	1	0	0
November	30	27	8	1	0	0
December	30	27	9	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?

2. Flow Meter Calibration

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

- Yes

Enter last calibration date (MM/DD/YYYY)

- No

If No, please explain:

3. Treatment Problems

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

- Yes

- No

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<p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p> <p>Please explain unless not applicable:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

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

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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. 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	8	1	0	0
February	30	27	10	1	0	0
March	30	27	12	1	0	0
April	30	27	7	1	0	0
May	30	27	14	1	0	0
June	30	27	10	1	0	0
July	30	27	11	1	0	0
August	30	27	20	1	0	0
September	30	27	12	1	0	0
October	30	27	11	1	0	0
November	30	27	7	1	0	0
December	30	27	6	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?

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

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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

Outfall No. 001	Monthly Average NH3 Limit (mg/L)	Weekly Average NH3 Limit (mg/L)	Effluent Monthly Average NH3 (mg/L)	Monthly Permit Limit Exceedance	Effluent Weekly Average for Week 1	Effluent Weekly Average for Week 2	Effluent Weekly Average for Week 3	Effluent Weekly Average for Week 4	Weekly Permit Limit Exceedance
January	6.3		.456	0					
February	6.3		.445	0					
March	6.3		.51666667	0					
April	6.3		.347857143	0					
May	5.2		.306153846	0					
June	5.2		.117692308	0					
July	5.2		.197857143	0					
August	5.2		.115833333	0					
September	5.2		.156923077	0					
October	6.3		.445	0					
November	6.3		.3	0					
December	6.3		.447857143	0					
Points per each exceedance of Monthly average:									10
Exceedances, Monthly:									0
Points:									0
Points per each exceedance of weekly average (when there is no monthly average):									2.5
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	A

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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 phosphorus Limit (mg/L)	Effluent Monthly Average phosphorus (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance
January	1	0.407	1	0
February	1	0.508	1	0
March	1	0.463	1	0
April	1	0.351	1	0
May	1	0.585	1	0
June	1	0.442	1	0
July	1	0.423	1	0
August	1	0.607	1	0
September	1	0.457	1	0
October	1	0.510	1	0
November	1	0.344	1	0
December	1	0.356	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?

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

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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
- 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:

2. Land Application Site

2.1 Last Year's Approved and Active Land Application Sites

2.1.1 How many acres did you have?

1522 acres

2.1.2 How many acres did you use?

20 acres

2.2 If you did not have enough acres for your land application needs, what action was taken?

2.3 Did you overapply nitrogen on any of your approved land application sites you used last year?

Yes (30 points)

No

2.4 Have all the sites you used last year for land application been soil tested in the previous 4 years?

Yes

No (10 points)

N/A

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. 002 - 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										<11				0	0
Cadmium		39	85										1.6				0	0
Copper		1500	4300										339				0	0
Lead		300	840										10.6				0	0
Mercury		17	57										.42				0	0
Molybdenum	60		75										<2.5		0			0
Nickel	336		420										27.2		0			0
Selenium	80		100										<28		0			0
Zinc		2800	7500										733				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)

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<ul style="list-style-type: none"> ○ 1-2 (10 Points) ○ > 2 (15 Points) <p>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)</p> <ul style="list-style-type: none"> ○ Yes ○ 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) <p>3.1.3 Number of times any of the metals exceeded the ceiling limits = 0</p> <p>Exceedence Points</p> <ul style="list-style-type: none"> ● 0 (0 Points) ○ 1 (10 Points) ○ > 1 (15 Points) <p>3.1.4 Were biosolids land applied which exceeded the ceiling limit?</p> <ul style="list-style-type: none"> ○ Yes (20 Points) ● No (0 Points) <p>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?</p> <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	0
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<p>4. Pathogen Control (per outfall):</p> <p>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.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <td style="width: 40%;">Outfall Number:</td> <td style="text-align: center;">002</td> </tr> <tr> <td>Biosolids Class:</td> <td style="text-align: center;">B</td> </tr> <tr> <td>Bacteria Type and Limit:</td> <td></td> </tr> <tr> <td>Sample Dates:</td> <td style="text-align: center;">01/01/2019 - 12/31/2019</td> </tr> <tr> <td>Density:</td> <td></td> </tr> <tr> <td>Sample Concentration Amount:</td> <td></td> </tr> <tr> <td>Requirement Met:</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td>Land Applied:</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td>Process:</td> <td style="text-align: center;">Anaerobic Digestion</td> </tr> <tr> <td>Process Description:</td> <td style="text-align: center;">Digester Maintained at 96 degrees F.</td> </tr> </table> <p>4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.</p> <p>4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?</p> <ul style="list-style-type: none"> ○ Yes (40 Points) ● No <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	Outfall Number:	002	Biosolids Class:	B	Bacteria Type and Limit:		Sample Dates:	01/01/2019 - 12/31/2019	Density:		Sample Concentration Amount:		Requirement Met:	Yes	Land Applied:	Yes	Process:	Anaerobic Digestion	Process Description:	Digester Maintained at 96 degrees F.	0
Outfall Number:	002																				
Biosolids Class:	B																				
Bacteria Type and Limit:																					
Sample Dates:	01/01/2019 - 12/31/2019																				
Density:																					
Sample Concentration Amount:																					
Requirement Met:	Yes																				
Land Applied:	Yes																				
Process:	Anaerobic Digestion																				
Process Description:	Digester Maintained at 96 degrees F.																				

<p>5. Vector Attraction Reduction (per outfall):</p> <p>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.</p>	
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Outfall Number:	002	0
Method Date:	11/13/2019	
Option Used To Satisfy Requirement:	Volatile Solids Reduction	
Requirement Met:	Yes	
Land Applied:	Yes	
Limit (if applicable):	>= 38	
Results (if applicable):	49.80	
<p>5.2 Was the limit exceeded or the process criteria not met at the time of land application?</p> <p><input type="radio"/> Yes (40 Points)</p> <p><input checked="" type="radio"/> No</p> <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
<p>6. Biosolids Storage</p> <p>6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?</p> <p><input checked="" type="radio"/> >= 180 days (0 Points)</p> <p><input type="radio"/> 150 - 179 days (10 Points)</p> <p><input type="radio"/> 120 - 149 days (20 Points)</p> <p><input type="radio"/> 90 - 119 days (30 Points)</p> <p><input type="radio"/> < 90 days (40 Points)</p> <p><input type="radio"/> N/A (0 Points)</p> <p>6.2 If you checked N/A above, explain why.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
<p>7. Issues</p> <p>7.1 Describe any outstanding biosolids issues with treatment, use or overall management:</p> <div style="border: 1px solid black; padding: 2px;">None.</div>		

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

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Staffing and Preventative Maintenance (All Treatment Plants)

<p>1. Plant Staffing</p> <p>1.1 Was your wastewater treatment plant adequately staffed last year?</p> <ul style="list-style-type: none"><input type="radio"/> Yes<input checked="" type="radio"/> No <p>If No, please explain:</p> <div style="border: 1px solid black; padding: 2px;">CMOM goals not being met</div> <p>Could use more help/staff for:</p> <div style="border: 1px solid black; padding: 2px;">CMOM goals</div> <p>1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px;"></div>	
<p>2. Preventative Maintenance</p> <p>2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes (Continue with question 2) <input type="checkbox"/><input type="checkbox"/><input type="radio"/> No (40 points) <input type="checkbox"/><input type="checkbox"/> <p>If No, please explain, then go to question 3:</p> <div style="border: 1px solid black; height: 20px;"></div> <p>2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No (10 points) <p>2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<ul style="list-style-type: none"><input checked="" type="radio"/> Paper file system<input type="radio"/> Computer system<input type="radio"/> Both paper and computer system<input type="radio"/> No (10 points)	0
<p>3. O&M Manual</p> <p>3.1 Does your plant have a detailed O&M and Manufacturer Equipment Manuals that can be used as a reference when needed?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Yes<input type="radio"/> No	
<p>4. Overall Maintenance /Repairs</p> <p>4.1 Rate the overall maintenance of your wastewater plant.</p> <ul style="list-style-type: none"><input type="radio"/> Excellent<input type="radio"/> Very good<input checked="" type="radio"/> Good<input type="radio"/> Fair<input type="radio"/> Poor <p>Describe your rating:</p> <div style="border: 1px solid black; padding: 2px;">Aging equipment is being replaced with newer more efficient equipment as budgets allow.</div>	

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

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Operator Certification and Education

<p>1. Operator-In-Charge</p> <p>1.1 Did you have a designated operator-in-charge during the report year?</p> <ul style="list-style-type: none"> ● Yes (0 points) ○ No (20 points) <p>Name: <input style="width: 300px;" type="text" value="DANIEL G MARKART"/></p> <p>Certification No: <input style="width: 150px;" type="text" value="24630"/></p>	0																																																																																								
<p>2. Certification Requirements</p> <p>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?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th rowspan="2">Sub Class</th> <th rowspan="2">SubClass Description</th> <th colspan="2">WWTP</th> <th colspan="2">OIC</th> </tr> <tr> <th>Basic</th> <th>OIT</th> <th>Basic</th> <th>Advanced</th> </tr> </thead> <tbody> <tr><td>A1</td><td>Suspended Growth Processes</td><td></td><td></td><td></td><td></td></tr> <tr><td>A2</td><td>Attached Growth Processes</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>A3</td><td>Recirculating Media Filters</td><td></td><td></td><td></td><td></td></tr> <tr><td>A4</td><td>Ponds, Lagoons and Natural</td><td></td><td></td><td></td><td></td></tr> <tr><td>A5</td><td>Anaerobic Treatment Of Liquid</td><td></td><td></td><td></td><td></td></tr> <tr><td>B</td><td>Solids Separation</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>C</td><td>Biological Solids/Sludges</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>P</td><td>Total Phosphorus</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>N</td><td>Total Nitrogen</td><td></td><td></td><td></td><td></td></tr> <tr><td>D</td><td>Disinfection</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L</td><td>Laboratory</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>U</td><td>Unique Treatment Systems</td><td></td><td></td><td></td><td></td></tr> <tr><td>SS</td><td>Sanitary Sewage Collection</td><td>X</td><td>NA</td><td>NA</td><td>X</td></tr> </tbody> </table> <p>2.2 Was the operator-in-charge certified at the appropriate level and subclass(es) to operate this plant? (Note: Certification in subclass SS, N and A5 not required in 2019; subclass SS is basic level only.)</p> <ul style="list-style-type: none"> ● Yes (0 points) ○ No (20 points) 	Sub Class	SubClass Description	WWTP		OIC		Basic	OIT	Basic	Advanced	A1	Suspended Growth Processes					A2	Attached Growth Processes	X			X	A3	Recirculating Media Filters					A4	Ponds, Lagoons and Natural					A5	Anaerobic Treatment Of Liquid					B	Solids Separation	X			X	C	Biological Solids/Sludges	X			X	P	Total Phosphorus	X			X	N	Total Nitrogen					D	Disinfection	X			X	L	Laboratory	X			X	U	Unique Treatment Systems					SS	Sanitary Sewage Collection	X	NA	NA	X	0
Sub Class			SubClass Description	WWTP		OIC																																																																																			
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P	Total Phosphorus	X			X																																																																																				
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D	Disinfection	X			X																																																																																				
L	Laboratory	X			X																																																																																				
U	Unique Treatment Systems																																																																																								
SS	Sanitary Sewage Collection	X	NA	NA	X																																																																																				
<p>3. Succession Planning</p> <p>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)?</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> One or more additional certified operators on staff <input type="checkbox"/> An arrangement with another certified operator <input type="checkbox"/> An arrangement with another community with a certified operator <input type="checkbox"/> An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year <input type="checkbox"/> A consultant to serve as your certified operator <input type="checkbox"/> None of the above (20 points) <p>If "None of the above" is selected, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	0																																																																																								
<p>4. Continuing Education Credits</p>																																																																																									

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

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Financial Management

1. Provider of Financial Information Name: <input type="text" value="Jennifer Sweeney"/> Telephone: <input type="text" value="608-592-0716"/> (XXX) XXX-XXXX E-Mail Address (optional): <input type="text" value="jsweeney@cityoflodi.us"/>		
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) <input type="checkbox"/> <input type="checkbox"/> ○ No (40 points) If No, please explain: <input type="text"/> 2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: <input type="text" value="2019"/> ● 0-2 years ago (0 points) <input type="checkbox"/> <input type="checkbox"/> ○ 3 or more years ago (20 points) <input type="checkbox"/> <input type="checkbox"/> ○ N/A (private facility) 2.3 Did you have a special account (e.g., CWFPP 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) ○ 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: <input type="text" value="2019"/> ● 1-2 years ago (0 points) <input type="checkbox"/> <input type="checkbox"/> ○ 3 or more years ago (20 points) <input type="checkbox"/> <input type="checkbox"/> ○ N/A If N/A, please explain: <input type="text"/>		
3.2 Equipment Replacement Fund Activity		
3.2.1 Ending Balance Reported on Last Year's CMAR	\$ <input type="text" value="750,460.67"/>	
3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	\$ <input type="text" value="0.00"/>	
3.2.3 Adjusted January 1st Beginning Balance	\$ <input type="text" value="750,460.67"/>	
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	\$ <input type="text" value="25,387.02"/>	
	+	

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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

\$ 775,847.69

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.

3.3 What amount should be in your Replacement Fund?

\$ 775,847.69

0

Please note: If you had a CWFPP 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.

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	Replace sewer during Pond Street project.	58,552	2020
2	Replace sewer during Gay Street project.	59,933	2021
3	Replace sewer during Fair Street project.	323,607	2022
4	Replace sewer during Sauk Street, Second Avenue, and Washington Avenue project.	529,998	2025
5	Replace sewer during Parr Street and Prospect Avenue project.	226,900	2026
6	Replace sewer during Nestles Street project.	95,157	2027
7	Replace sewer during Merton Avenue project.	162,687	2029
8	New Screen/Dewatering Unit	71,500	2020
9	Rebuild Final Clarifier	30,000	2021
10	Upgrade UV Disinfection System		2022

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:

COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations:

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	400	
February	360	
March	1,280	
April	1,360	
May	1,520	
June	1,260	
July	1,520	
August	1,260	
September	1,260	
October	1,680	
November	1,360	
December	1,420	
Total	14,680	0
Average	1,223	0

6.1.2 Comments:

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:

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

No

Yes

Year:

By Whom:

Describe and Comment:

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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?

None

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	37,200	11.48	3,240	21.05	1,767	1,699
February	33,600	9.98	3,367	11.42	2,942	2,450
March	37,500	14.06	2,667	17.48	2,145	1,899
April	33,300	13.73	2,425	16.62	2,004	1,153
May	36,300	13.10	2,771	16.59	2,188	874
June	27,500	10.31	2,667	10.53	2,612	631
July	26,100	10.64	2,453	12.31	2,120	300
August	25,300	8.75	2,891	12.21	2,072	168
September	26,800	9.51	2,818	12.84	2,087	226
October	31,800	11.40	2,789	13.21	2,407	330
November	29,800	9.89	3,013	11.31	2,635	947
December	33,100	10.78	3,071	14.20	2,331	1,177
Total	378,300	133.63		169.77		11,854
Average	31,525	11.14	2,848	14.15	2,276	988

7.1.2 Comments:

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:

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7.2.2 Comments:

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?

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

Yes

Entire facility

Year:

By Whom:

Describe and Comment:

Part of the facility

Year:

By Whom:

Describe and Comment:

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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:

Did you accomplish them?

- Yes
- 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?

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

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
- A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation

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- 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 Management Plan (SECAP)
- Lift Station Evaluation Report
- Others:

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	<input style="width: 60px; text-align: right;" type="text" value="20"/>	% of system/year
Root removal	<input style="width: 60px; text-align: right;" type="text" value="10"/>	% of system/year
Flow monitoring	<input style="width: 60px; text-align: right;" type="text" value="0"/>	% of system/year
Smoke testing	<input style="width: 60px; text-align: right;" type="text" value="0"/>	% of system/year
Sewer line televising	<input style="width: 60px; text-align: right;" type="text" value="1"/>	% of system/year
Manhole inspections	<input style="width: 60px; text-align: right;" type="text" value="20"/>	% of system/year
Lift station O&M	<input style="width: 60px; text-align: right;" type="text" value="2"/>	# per L.S./year
Manhole rehabilitation	<input style="width: 60px; text-align: right;" type="text" value=".5"/>	% of manholes rehabbed
Mainline rehabilitation	<input style="width: 60px; text-align: right;" type="text" value="3"/>	% of sewer lines rehabbed
Private sewer inspections	<input style="width: 60px; text-align: right;" type="text" value="0"/>	% of system/year
Private sewer I/I removal	<input style="width: 60px; text-align: right;" type="text" value="0"/>	% of private services

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River or water crossings % of pipe crossings evaluated or maintained

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

3. Performance Indicators

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

<input type="text" value="52.82"/>	Total actual amount of precipitation last year in inches
<input type="text" value="36"/>	Annual average precipitation (for your location)
<input type="text" value="18"/>	Miles of sanitary sewer
<input type="text" value="2"/>	Number of lift stations
<input type="text" value="0"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="0"/>	Number of basement backup occurrences
<input type="text" value="0"/>	Number of complaints
<input type="text"/>	Average daily flow in MGD (if available)
<input type="text"/>	Peak monthly flow in MGD (if available)
<input type="text"/>	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

<input type="text" value="0.00"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.00"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.00"/>	Basement backups (number/sewer mile)
<input type="text" value="0.00"/>	Complaints (number/sewer mile)
<input type="text"/>	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
<input type="text"/>	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 (MG)
None reported			

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

5. Infiltration / Inflow (I/I)

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

- 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?

- Yes
- No

If Yes, please describe:

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<input type="text"/>
5.3 Explain any infiltration/inflow (I/I) changes this year from previous years: <input type="text"/>
5.4 What is being done to address infiltration/inflow in your collection system? <input type="text"/>

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

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Grading Summary

WPDES No: 0022918

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	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			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)

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Resolution or Owner's Statement

Name of Governing
Body or Owner:

Lodi Common Council

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: Ammonia: 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)

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