



CITY OF MERRILL

WATER & SEWAGE DISPOSAL COMMITTEE

AGENDA • WEDNESDAY MAY 22, 2019

Regular Meeting

City Hall Council Chambers

5:00 PM

- I. Call to Order
- II. Preliminary Items
 - 1. April Vouchers
- III. Agenda Items for Consideration
 - 1. Discussion on construction timeline for new water tower
 - 2. Discussion on future water rates
 - 3. Review & Approval of 2018 Compliance Maintenance Annual Report (CMAR)
- IV. Monthly Report
 - 1. Operations Report
- V. Public Comment Period
- VI. Establish date, time & location of next meeting
- VII. Adjournment

PACKET: 08095 UTILITY AP

VENDOR SET: 01 City of Merrill

SEQUENCE : ALPHABETIC

DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----				GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION	
=====							
01-004374	AgSOURCE	COOPERATIVE SERVICES					
I-043019		AgSOURCE COOPERATIVE SERVICES	322.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		AgSOURCE COOPERATIVE SERVICES		62 53712-00-63210	Outside Services-Testing	322.00	
		=== VENDOR TOTALS ===	322.00				
=====							
01-001521	BAY TOWEL, INC						
I-043019		BAY TOWEL, INC	685.61				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		BAY TOWEL, INC		62 53716-00-92300	Outside Serv. Employed	412.59	
		BAY TOWEL, INC		63 56156-00-85200	Outside Service Employed	273.02	
		=== VENDOR TOTALS ===	685.61				
=====							
01-002809	CARQUEST OF MERRILL						
I-043019		CARQUEST OF MERRILL	224.32				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		CARQUEST OF MERRILL		63 56156-00-85600	Misc General Expense	107.88	
		CARQUEST OF MERRILL		62 53713-00-64100	Supplies & Expenses	107.88	
		CARQUEST OF MERRILL		63 56152-00-83100	Sewer Main Maintenance	8.56	
		=== VENDOR TOTALS ===	224.32				
=====							
01-000381	CITY OF MERRILL						
I-043019		CITY OF MERRILL	20,000.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		CITY OF MERRILL		63 11-2650	Capital Rep.-River Valle	20,000.00	
		=== VENDOR TOTALS ===	20,000.00				
=====							
01-000202	D.C. MOTORS, INC						
I-11197		D.C. MOTORS, INC	66.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		D.C. MOTORS, INC		63 56152-00-83200	Lift Station Maintenance	66.00	
		=== VENDOR TOTALS ===	66.00				

Attachment: Vouchers (4196 : Vouchers)

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-----ID-----				GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION	
=====							
01-000632		FERGUSON ENTERPRISES #1476					
=====							
I-043019		FERGUSON ENTERPRISES #1476	16,545.41				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		MUELLER REP KIT		62 53713-00-65400	Maint - Hydrants	524.00	
		FERGUSON ENTERPRISES #		62 15-5000	Materials/Supplies-Const	16,021.41	
		=== VENDOR TOTALS ===	16,545.41				
=====							
01-002505		FOLEY'S TREE SERVICE LLC					
=====							
I-12297		FOLEY'S TREE SERVICE LLC	450.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		FOLEY'S TREE SERVICE LLC		62 53713-00-65500	Maint - Other Plant	450.00	
		=== VENDOR TOTALS ===	450.00				
=====							
01-002661		FRONTIER					
=====							
I-043019		FRONTIER	154.79				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		FRONTIER		62 53713-00-64110	Warehouse Cost of Operat	154.79	
		=== VENDOR TOTALS ===	154.79				
=====							
01-001864		HALRON LUBRICANTS INC					
=====							
I-1062573-00		HALRON LUBRICANTS INC	143.34				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		HALRON LUBRICANTS INC		63 56152-00-83320	Digesters Maintenance	143.34	
		=== VENDOR TOTALS ===	143.34				
=====							
01-003804		HYDRO KLEAN					
=====							
I-61955		HYDRO KLEAN	7,245.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		HYDRO KLEAN		63 50000-07-55647	Lining - Sewer Mains	7,245.00	
		=== VENDOR TOTALS ===	7,245.00				
=====							
01-002849		HYDROCORP					
=====							
I-0052079-IN		HYDROCORP	1,340.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		HYDROCORP		62 53713-00-64500	Cross Connection Inspect	1,340.00	
		=== VENDOR TOTALS ===	1,340.00				

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POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION	
=====							
01-000313 LINCOLN CO TREASURER'S OFFICE							
=====							
I-12369		LINCOLN CO TREASURER'S OFFICE	212.50				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		LINCOLN CO TREASURER'S OFFICE		63 56150-00-82720	Landfill Tipping Fees	212.50	
=== VENDOR TOTALS ===			212.50				
=====							
01-000314 LINCOLN CONTRACTORS							
=====							
I-M16495		LINCOLN CONTRACTORS	38.40				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		LINCOLN CONTRACTORS		62 53713-00-64100	Supplies & Expenses	38.40	
=== VENDOR TOTALS ===			38.40				
=====							
01-000351 LOCAL GOVERNMENT INVESTMENT PO							
=====							
I-043019		LOCAL GOVERNMENT INVESTMENT P	8,750.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		LOCAL GOVERNMENT INVESTMENT PO		62 11-2735	SDWLP Bond - LGIP	8,750.00	
=== VENDOR TOTALS ===			8,750.00				
=====							
01-000157 LONDERVILLE STEEL							
=====							
I-528283		LONDERVILLE STEEL	61.03				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		LONDERVILLE STEEL		62 53713-00-65200	Maint - Services	61.03	
=== VENDOR TOTALS ===			61.03				
=====							
01-000522 MECHANICAL, INC.							
=====							
I-0053875		MECHANICAL, INC.	2,482.72				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		MECHANICAL, INC.		63 56152-00-83400	Bldg./Grounds Maintenanc	2,482.72	
=== VENDOR TOTALS ===			2,482.72				
=====							
01-000041 MERRILL ACE HARDWARE							
=====							
I-043019		MERRILL ACE HARDWARE	139.86				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		MERRILL ACE HARDWARE		62 53713-00-64100	Supplies & Expenses	16.80	
		MERRILL ACE HARDWARE		62 53713-00-65300	Maint - Meters	10.78	
		MERRILL ACE HARDWARE		62 53713-00-65500	Maint - Other Plant	17.97	
		MERRILL ACE HARDWARE		63 56152-00-83330	Belt Press Maintenance	27.96	
		MERRILL ACE HARDWARE		63 56150-00-82700	Other Operating Sup/Exp	15.99	
		MERRILL ACE HARDWARE		63 56152-00-83400	Bldg./Grounds Maintenanc	50.36	
=== VENDOR TOTALS ===			139.86				

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=====								
01-000328 MERRILL WATER UTILITY								
=====								
I-043019		MERRILL WATER UTILITY	240.05					
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N				
		MERRILL WATER UTILITY		63 56152-00-83400	Bldg./Grounds Maintenanc	240.05		
=== VENDOR TOTALS ===			240.05					
=====								
01-000540 NAPA AUTO PARTS								
=====								
I-774188		NAPA AUTO PARTS	32.08					
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N				
		NAPA AUTO PARTS		63 56152-00-83400	Bldg./Grounds Maintenanc	32.08		
=== VENDOR TOTALS ===			32.08					
=====								
01-000337 NORTH CENTRAL LABORATORIES								
=====								
I-043019		NORTH CENTRAL LABORATORIES	617.85					
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N				
		NORTH CENTRAL LABORATORIES		63 56150-00-82710	Laboratory Supplies	512.05		
		NORTH CENTRAL LABORATORIES		62 53712-00-63200	Water Treatment Supplies	105.80		
=== VENDOR TOTALS ===			617.85					
=====								
01-001891 NORTHERN LAKE SERVICE INC								
=====								
I-043019		NORTHERN LAKE SERVICE INC	742.10					
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N				
		NORTHERN LAKE SERVICE INC		63 56156-00-85220	Outside Lab Services	409.10		
		NORTHERN LAKE SERVICE INC		20 53622-02-22500	Contractor - Sampling	333.00		
=== VENDOR TOTALS ===			742.10					
=====								
01-000551 NORTHWAY COMMUNICATIONS								
=====								
I-173360		NORTHWAY COMMUNICATIONS	3,447.20					
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N				
		NORTHWAY COMMUNICATIONS		62 50000-07-55722	Radios	1,723.60		
		NORTHWAY COMMUNICATIONS		63 50000-07-55722	Radios	1,723.60		
=== VENDOR TOTALS ===			3,447.20					

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POST DATE	BANK CODE	-----DESCRIPTION-----		DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
=====								
01-001392 PACE ANALYTICAL SERVICES INC								
=====								
I-043019		PACE ANALYTICAL SERVICES INC		651.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		PACE ANALYTICAL SERVICES INC			63 56156-00-85220	Outside Lab Services		651.00
=== VENDOR TOTALS ===				651.00				
=====								
01-000824 PER MAR SECURITY SERVICES								
=====								
I-2042313		PER MAR SECURITY SERVICES		1,128.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		PER MAR SECURITY SERVICES			62 53713-00-64110	Warehouse Cost of Operat		1,128.00
=== VENDOR TOTALS ===				1,128.00				
=====								
01-002183 PITNEY BOWES								
=====								
I-1012174759		PITNEY BOWES		235.56				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		PITNEY BOWES			62 53714-00-90300	Supplies & Expenses		117.78
		PITNEY BOWES			63 56154-00-84000	Billing, Collection, Acc		117.78
=== VENDOR TOTALS ===				235.56				
=====								
01-000566 PITNEY BOWESGLOBAL FINANCIAL								
=====								
I-3308610235		PITNEY BOWESGLOBAL FINANCIAL		302.82				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		PITNEY BOWESGLOBAL FINANCIAL			62 53714-00-90300	Supplies & Expenses		151.41
		PITNEY BOWESGLOBAL FINANCIAL			63 56154-00-84000	Billing, Collection, Acc		151.41
=== VENDOR TOTALS ===				302.82				
=====								
01-002154 POLLARD WATER								
=====								
I-0136716		POLLARD WATER		416.36				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		POLLARD WATER			62 53713-00-65400	Maint - Hydrants		416.36
=== VENDOR TOTALS ===				416.36				
=====								
01-000806 PROCESS EQUIPMENT REPAIR SERVI								
=====								
I-19-103B		PROCESS EQUIPMENT REPAIR SERV		1,614.84				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N			
		PROCESS EQUIPMENT REPAIR SERVI			63 56152-00-83300	Primary Maintenance		1,614.84
=== VENDOR TOTALS ===				1,614.84				

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POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION	
=====							
01-000586 QUILL CORPORATION							
I-6617356		QUILL CORPORATION	146.93				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		QUILL CORPORATION		62 53716-00-92100	Supplies & Expenses	73.46	
		QUILL CORPORATION		63 56156-00-85100	Office Supplies & Expens	73.47	
=== VENDOR TOTALS ===			146.93				
=====							
01-002178 RESERVE ACCOUNT							
I-043019		RESERVE ACCOUNT	1,000.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		RESERVE ACCOUNT		62 53714-00-90300	Supplies & Expenses	500.00	
		RESERVE ACCOUNT		63 56154-00-84000	Billing, Collection, Acc	500.00	
=== VENDOR TOTALS ===			1,000.00				
=====							
01-000379 RIESTERER & SCHNELL INC							
I-1508206		RIESTERER & SCHNELL INC	45.52				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		RIESTERER & SCHNELL INC		62 53713-00-65500	Maint - Other Plant	45.52	
=== VENDOR TOTALS ===			45.52				
=====							
01-002095 TELEDYNE ISCO INC							
I-S020317971		TELEDYNE ISCO INC	240.00				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		TELEDYNE ISCO INC		63 56150-00-82705	Industrial Monitoring	240.00	
=== VENDOR TOTALS ===			240.00				
=====							
01-000678 VAN ERT ELECTRIC CO INC							
I-043019		VAN ERT ELECTRIC CO INC	3,976.44				
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019		1099: N			
		VAN ERT ELECTRIC CO INC		63 50000-07-55790	WWT - Lab Update	128.49	
		VAN ERT ELECTRIC CO INC		63 56152-00-83300	Primary Maintenance	3,847.95	
=== VENDOR TOTALS ===			3,976.44				

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POST DATE	BANK CODE	-----DESCRIPTION-----		DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====							
01-000284 VIP ALL-VALUE							
=====							
I-0105838-001		VIP ALL-VALUE		22.49			
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N		
		VIP ALL-VALUE			63 56150-00-82705	Industrial Monitoring	22.49
=== VENDOR TOTALS ===				22.49			
=====							
01-000299 WAL-MART COMMUNITY/SYNCB							
=====							
I-043019		WAL-MART COMMUNITY/SYNCB		62.03			
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N		
		WAL-MART COMMUNITY/SYNCB			63 56152-00-83400	Bldg./Grounds Maintenanc	62.03
=== VENDOR TOTALS ===				62.03			
=====							
01-000587 WI STATE LAB OF HYGIENE							
=====							
I-591222		WI STATE LAB OF HYGIENE		26.00			
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N		
		WI STATE LAB OF HYGIENE			62 53712-00-63210	Outside Services-Testing	26.00
=== VENDOR TOTALS ===				26.00			
=====							
01-000656 WISCONSIN PUBLIC SERVICE							
=====							
I-043019		WISCONSIN PUBLIC SERVICE		10,805.04			
4/30/2019	4	DUE: 4/30/2019 DISC: 4/30/2019			1099: N		
		WELLS, TOWERS, WHSE			62 53711-00-62200	Operation - Electric Pum	3,322.72
		WELLS, TOWERS, WHSE			62 53711-00-62210	Gas for Heat	375.54
		WELLS, TOWERS, WHSE			62 53713-00-64110	Warehouse Cost of Operat	919.01
		WELLS, TOWERS, WHSE			62 53713-00-65000	Maint-Standpipe/Reservio	157.65
		WWTP, LIFT STATIONS			63 56150-00-82100	Power & Fuel for Pumping	2,442.93
		WWTP, LIFT STATIONS			63 56150-00-82210	Gas for Heat & Digesters	912.42
		WWTP, LIFT STATIONS			63 56150-00-82200	Power & Fuel for Aeratio	2,674.77
=== VENDOR TOTALS ===				10,805.04			
=== PACKET TOTALS ===				84,613.29			

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** T O T A L S **

INVOICE TOTALS	84,613.29
DEBIT MEMO TOTALS	0.00
CREDIT MEMO TOTALS	0.00

BATCH TOTALS	84,613.29
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** G/L ACCOUNT TOTALS **

BANK	YEAR	ACCOUNT	NAME	AMOUNT	=====LINE ITEM=====			=====GROUP BUDGET=====		
					ANNUAL BUDGET	BUDGET AVAILABLE	OVER BUDG	ANNUAL BUDGET	BUDGET AVAILABLE	OVER BUDG
2019		20 -21-0000	Accounts Payable Control	333.00-*						
		20 -53622-02-22500	Contractor - Sampling	333.00	12,750	10,982.00		29,000	24,513.25	
		62 -11-2735	SDWLP Bond - LGIP	8,750.00						
		62 -15-5000	Materials/Supplies-Const	16,021.41						
		62 -21-0000	Accounts Payable Control	37,290.50-*						
		62 -50000-07-55722	Radios	1,723.60	0	1,723.60- Y		285,000	282,879.59	
		62 -53711-00-62200	Operation - Electric Pum	3,322.72	42,500	28,503.15		79,750	41,231.43	
		62 -53711-00-62210	Gas for Heat	375.54	4,750	1,840.75		79,750	44,178.61	
		62 -53712-00-63200	Water Treatment Supplies	105.80	7,500	6,539.58		62,000	41,883.90	
		62 -53712-00-63210	Outside Services-Testing	348.00	5,000	3,715.00		62,000	41,641.70	
		62 -53713-00-64100	Supplies & Expenses	163.08	10,000	8,314.09		257,250	132,428.41	
		62 -53713-00-64110	Warehouse Cost of Operat	2,201.80	17,500	10,778.32		257,250	130,389.69	
		62 -53713-00-64500	Cross Connection Inspect	1,340.00	23,500	16,328.50		257,250	131,251.49	
		62 -53713-00-65000	Maint-Standpipe/Reservio	157.65	10,000	4,575.80		257,250	132,433.84	
		62 -53713-00-65200	Maint - Services	61.03	25,000	12,393.42		257,250	132,530.46	
		62 -53713-00-65300	Maint - Meters	10.78	25,000	10,543.96- Y		257,250	132,580.71	
		62 -53713-00-65400	Maint - Hydrants	940.36	20,000	14,019.61		257,250	131,651.13	
		62 -53713-00-65500	Maint - Other Plant	513.49	7,500	3,250.04		257,250	132,078.00	
		62 -53714-00-90300	Supplies & Expenses	769.19	6,250	3,448.13		84,000	53,734.79	
		62 -53716-00-92100	Supplies & Expenses	73.46	4,500	3,060.69		741,706	623,965.26	
		62 -53716-00-92300	Outside Serv. Employed	412.59	25,000	16,944.05		741,706	623,626.13	
		63 -11-2650	Capital Rep.-River Valle	20,000.00						
		63 -21-0000	Accounts Payable Control	46,989.79-*						
		63 -50000-07-55647	Lining - Sewer Mains	7,245.00	50,000	42,755.00		470,500	385,783.03	
		63 -50000-07-55722	Radios	1,723.60	0	1,723.60- Y		470,500	391,304.43	
		63 -50000-07-55790	WWT - Lab Update	128.49	70,000	41,372.51		470,500	392,899.54	
		63 -56150-00-82100	Power & Fuel for Pumping	2,442.93	30,000	19,703.18		276,250	193,060.79	
		63 -56150-00-82200	Power & Fuel for Aeratio	2,674.77	43,500	32,237.18		276,250	192,828.95	
		63 -56150-00-82210	Gas for Heat & Digesters	912.42	12,500	6,078.04		276,250	194,591.30	
		63 -56150-00-82700	Other Operating Sup/Exp	15.99	5,500	3,515.27		276,250	195,487.73	
		63 -56150-00-82705	Industrial Monitoring	262.49	7,500	2,855.05		276,250	195,241.23	

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VENDOR SET: 01 City of Merrill

SEQUENCE : ALPHABETIC

DUE TO/FROM ACCOUNTS SUPPRESSED

** G/L ACCOUNT TOTALS **

BANK	YEAR	ACCOUNT	NAME	AMOUNT	ANNUAL BUDGET	BUDGET OVER AVAILABLE BUDG	ANNUAL BUDGET	BUDGET OVER AVAILABLE BUDG
		63 -56150-00-82710	Laboratory Supplies	512.05	10,000	7,653.56	276,250	194,991.67
		63 -56150-00-82720	Landfill Tipping Fees	212.50	3,000	2,190.72	276,250	195,291.22
		63 -56152-00-83100	Sewer Main Maintenance	8.56	56,500	44,617.15	273,072	197,789.20
		63 -56152-00-83200	Lift Station Maintenance	66.00	27,500	19,628.98	273,072	197,731.76
		63 -56152-00-83300	Primary Maintenance	5,462.79	30,000	16,393.91	273,072	192,334.97
		63 -56152-00-83320	Digesters Maintenance	143.34	30,000	15,166.36	273,072	197,654.42
		63 -56152-00-83330	Belt Press Maintenance	27.96	10,000	4,359.15	273,072	197,769.80
		63 -56152-00-83400	Bldg./Grounds Maintenanc	2,867.24	40,000	23,598.51	273,072	194,930.52
		63 -56154-00-84000	Billing, Collection, Acc	769.19	70,250	43,796.84	100,500	65,444.40
		63 -56156-00-85100	Office Supplies & Expens	73.47	5,000	3,103.68	451,150	342,554.07
		63 -56156-00-85200	Outside Service Employed	273.02	20,000	11,809.00	451,150	342,354.52
		63 -56156-00-85220	Outside Lab Services	1,060.10	5,000	3,574.71	451,150	341,567.44
		63 -56156-00-85600	Misc General Expense	107.88	7,500	5,720.57	451,150	342,519.66
		99 -14-0020	Due From Remedial (Landf	333.00 *				
		99 -14-0062	Due From Water Fund	37,290.50 *				
		99 -14-0063	Due From Sewer Fund	46,989.79 *				
		** 2019 YEAR TOTALS		84,613.29				

Attachment: Vouchers (4196 : Vouchers)

5/10/2019 1:35 PM

A/P Regular Open Item Register

PAGE: 10

2.1.a

PACKET: 08095 UTILITY AP

VENDOR SET: 01 City of Merrill

SEQUENCE : ALPHABETIC

DUE TO/FROM ACCOUNTS SUPPRESSED

** POSTING PERIOD RECAP **

FUND	PERIOD	AMOUNT
20	4/2019	333.00
62	4/2019	37,290.50
63	4/2019	46,989.79

NO ERRORS

NO WARNINGS

** END OF REPORT **

TOTAL ERRORS: 0 TOTAL WARNINGS: 0

Attachment: Vouchers (4196 : Vouchers)

Compliance Maintenance Annual Report

Merrill City Of

Last Updated: Reporting For:
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Influent Flow and Loading

1. Monthly Average Flows and (C)BOD Loadings

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

Influent No. 701	Influent Monthly Average Flow, MGD	x	Influent Monthly Average (C)BOD Concentration mg/L	x	8.34	=	Influent Monthly Average (C)BOD Loading, lbs/day
January	1.1466	x	202	x	8.34	=	1,930
February	1.0629	x	211	x	8.34	=	1,874
March	1.1515	x	188	x	8.34	=	1,801
April	1.3715	x	166	x	8.34	=	1,894
May	1.2728	x	171	x	8.34	=	1,811
June	1.2409	x	199	x	8.34	=	2,062
July	0.8608	x	208	x	8.34	=	1,495
August	0.8366	x	213	x	8.34	=	1,483
September	1.0503	x	168	x	8.34	=	1,470
October	1.3201	x	133	x	8.34	=	1,466
November	1.1911	x	138	x	8.34	=	1,369
December	1.0891	x	170	x	8.34	=	1,540

2. Maximum Monthly Design Flow and Design (C)BOD Loading

2.1 Verify the design flow and loading for your facility.

Design	Design Factor	x	%	=	% of Design
Max Month Design Flow, MGD	3.6	x	90	=	3.24
		x	100	=	3.6
Design (C)BOD, lbs/day	2800	x	90	=	2520
		x	100	=	2800

2.2 Verify the number of times the flow and (C)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 (C)BOD was greater than 90% of design	Number of times (C)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

Compliance Maintenance Annual Report

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Merrill City Of

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3. Flow Meter

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

- ☒ Yes Enter last calibration date (MM/DD/YYYY)

12-21-2018

☐ 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

☐ 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

8,418,400 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.

No problems at this time.

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.?

Attachment: 2018 Compliance Maintenance Annual Report (CMAR) (4207 : Review & Approval of 2018 Compliance Maintenance Annual Report

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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.

We received 306,000 gallons of leachate from Ward Paper Mill and 415,743 gallons from Lincoln county landfill.

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

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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	25	22.5	5	1	0	0
February	25	22.5	6	1	0	0
March	25	22.5	6	1	0	0
April	25	22.5	5	1	0	0
May	25	22.5	3	1	0	0
June	25	22.5	3	1	0	0
July	25	22.5	2	1	0	0
August	25	22.5	3	1	0	0
September	25	22.5	4	1	0	0
October	25	22.5	5	1	0	0
November	25	22.5	5	1	0	0
December	25	22.5	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?

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:

We don't have one.

3. Treatment Problems

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

☒ No

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 If Yes, please explain:

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

☐ 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?

☐ Yes

☐ No

☒ N/A

 Please explain unless not applicable:

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

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

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	
Score (100 - Total Points Generated)	
Section Grade	

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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	0.878	1	0
February	1	0.832	1	0
March	1	0.835	1	0
April	1	0.736	1	0
May	1	0.850	1	0
June	1	0.809	1	0
July	1	0.851	1	0
August	1	0.913	1	0
September	1	0.819	1	0
October	1	0.873	1	0
November	1	0.774	1	0
December	1	0.863	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				0
Total Number of Points				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	
Score (100 - Total Points Generated)	
Section Grade	

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2018

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?

552.70 acres

2.1.2 How many acres did you use?

88.5 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?

o 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

o No (10 points)

o N/A

0

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 - ANAEROBIC SLUDGE

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75			4.5											0	0
Cadmium		39	85			1.2											0	0
Copper		1500	4300			530											0	0
Lead		300	840			19											0	0
Mercury		17	57			1.8											0	0
Molybdenum	60		75			9.8										0		0
Nickel	336		420			19										0		0
Selenium	80		100			8.7										0		0
Zinc		2800	7500			2800											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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☐ 1-2 (10 Points)

☐ > 2 (15 Points)

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

☐ Yes

☐ No (10 points)

● N/A - Did not exceed limits or no HQ limit applies (0 points)

☐ N/A - Did not land apply biosolids until limit was met (0 points)

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

Exceedence Points

● 0 (0 Points)

☐ 1 (10 Points)

☐ > 1 (15 Points)

3.1.4 Were biosolids land applied which exceeded the ceiling limit?

☐ Yes (20 Points)

● No (0 Points)

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

0

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:	B
Bacteria Type and Limit:	
Sample Dates:	01/01/2018 - 12/31/2018
Density:	
Sample Concentration Amount:	
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	MCRT of the biosolids is calculated daily and maintained greater than 15 days. Digester temperature is recorded daily and is maintained at greater than 35 Degrees C.

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.

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Outfall Number:	002
Method Date:	12/17/2018
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>=38
Results (if applicable):	64.60

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)

☐ 120 - 149 days (20 Points)

☐ 90 - 119 days (30 Points)

☐ < 90 days (40 Points)

☐ N/A (0 Points)

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

0

7. Issues

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

Total Points Generated

Score (100 - Total Points Generated)

Section Grade

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Staffing and Preventative Maintenance (All Treatment Plants)

1. Plant Staffing

1.1 Was your wastewater treatment plant adequately staffed last year?

- ☒ Yes
- ☐ 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
- ☐ 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:

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

- ☒ Yes
- ☐ 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
 - ☐ Paper file system
 - ☐ Computer system
 - ☒ Both paper and computer system
- ☐ No (10 points)

0

3. O&M Manual

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

- ☒ Yes
- ☐ No

4. Overall Maintenance /Repairs

4.1 Rate the overall maintenance of your wastewater plant.

- ☐ Excellent
- ☒ Very good
- ☐ Good
- ☐ Fair
- ☐ Poor

Describe your rating:

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The operators have been doing a very good job being proactive with preventive maintenance at the plant.

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

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Operator Certification and Education

1. Operator-In-Charge

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

- Yes (0 points)
- No (20 points)

Name:

STEVEN B LANDWEHR

Certification No:

32016

0

2. Certification Requirements

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

Sub Class	SubClass Description	WWTP	OIC		
		Advanced	OIT	Basic	Advanced
A1	Suspended Growth Processes	X			X
A2	Attached Growth Processes				
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	NA

0

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 2018; subclass SS is basic level only.)

- Yes (0 points)
- No (20 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:

0

4. Continuing Education Credits

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4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates?

OIT and Basic Certification:

- ☐ 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	

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Financial Management

1. Provider of Financial Information

Name:

Gabe Steinagel

Telephone:

715-536-6561

(XXX) XXX-XXXX

E-Mail Address
(optional):

gabriel.steinagel@ci.merrill.wi.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) ☐
- No (40 points)

If No, please explain:

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

2018

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

2.3 Did you have a special account (e.g., CWP 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)

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:

2018

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

If N/A, please explain:

3.2 Equipment Replacement Fund Activity

3.2.1 Ending Balance Reported on Last Year's CMAR

\$ 1,035,486.06

3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)

\$ 11,634.27

3.2.3 Adjusted January 1st Beginning Balance

\$ 1,047,120.33

3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)

+

\$ 460,000.00

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

- \$ 475,113.00

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

\$ 1,032,007.33

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.

Jet/Vac Truck purchase
SCADA Upgrade
Primary Effluent pump replacement

3.3 What amount should be in your Replacement Fund? \$ 1,189,933.00

0

Please note: If you had a CWFPA 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.

Using the percentage of mechanical method 35% of the replacement fund assets, the fund is \$157,926 under funded.

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	projects to be determined based from the results of Operation and Needs Review.		2018
2	Biological Phosphorus Removal	900,000	2024
3	Conversion to UV disinfection	802,000	2026

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	8,247	5
February	8,330	6
March	7,426	6
April	7,355	2
May	4,362	5
June	3,244	5
July	2,417	11
August	2,605	8
September	2,699	5
October	3,616	2
November	6,067	6
December	6,085	4
Total	62,453	65
Average	5,204	5

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?

Replace some of the older pumps

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	64,000	35.54	1,801	59.83	1,070	3,862
February	59,600	29.76	2,003	52.47	1,136	3,146
March	58,880	35.70	1,649	55.83	1,055	2,473
April	55,760	41.15	1,355	56.82	981	2,180
May	55,680	39.46	1,411	56.14	992	569
June	55,760	37.23	1,498	61.86	901	83
July	53,440	26.68	2,003	46.35	1,153	20
August	55,920	25.93	2,157	45.97	1,216	18
September	55,840	31.51	1,772	44.10	1,266	26
October	54,800	40.92	1,339	45.45	1,206	1,206
November	67,120	35.73	1,879	41.07	1,634	3,670
December	63,600	33.76	1,884	47.74	1,332	2,633
Total	700,400	413.37		613.63		19,886
Average	58,367	34.45	1,729	51.14	1,162	1,657

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?

Replace blowers
Continue replacing lighting with LED

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:

2002

By Whom:

Focus on Energy

Describe and Comment:

It was done at the wastewater treatment plant.

☐ Part of the facility

Year:

By Whom:

Describe and Comment:

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

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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:

 Address areas of I&I, televising private laterals, continue to televise a minimum of 10% of the sanitary sewers.

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?

 sewer use ordinance
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

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

☒ A description of routine operation and maintenance activities (see question 2 below)

☒ Capacity assessment program

☒ Basement back assessment and correction

☒ Regular O&M training

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

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

☒ State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements

☐ Construction, Inspection, and Testing

☐ Others:

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

Does your emergency response capability include:

☒ Responsible personnel communication procedures

☒ Response order, timing and clean-up

☒ Public notification protocols

☐ Training

☒ Emergency operation protocols and implementation procedures

☒ Annual Self-Auditing of your CMOM Program [NR 210.23 (5)] ☐ ☐
☐ Special Studies Last Year (check only those that apply):

☐ Infiltration/Inflow (I/I) Analysis

☐ Sewer System Evaluation Survey (SSES)

☐ Sewer Evaluation and Capacity Management Plan (SECAP)

☐ Lift Station Evaluation Report

☐ Others:

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	30.5	% of system/year
Root removal	1.5	% of system/year
Flow monitoring		% of system/year
Smoke testing		% of system/year
Sewer line televising	11.2	% of system/year
Manhole inspections	31.5	% of system/year
Lift station O&M	9	# per L.S./year
Manhole rehabilitation	.48	% of manholes rehabbed
Mainline rehabilitation	.84	% of sewer lines rehabbed
Private sewer inspections	1.3	% of system/year

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Last Updated: Reporting For
5/20/2019 2018Private sewer I/I removal % of private servicesRiver 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.

33.61	Total actual amount of precipitation last year in inches
32.21	Annual average precipitation (for your location)
63.4	Miles of sanitary sewer
9	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
23	Number of basement backup occurrences
23	Number of complaints
1.14	Average daily flow in MGD (if available)
1.43	Peak monthly flow in MGD (if available)
	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

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

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OFERFLOWS 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

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☐ No

If Yes, please describe:

During heavy precipitation the plant would experience hydraulic loading.

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

Rehabbed some manholes and lined some sewer mains where problems occurred.

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

We are televising private sewer laterals and enforcing improper sump pump connections.

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

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Grading Summary

WPDES No: 0020150

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent				
BOD/CBOD				
TSS				
Phosphorus				
Biosolids				
Staffing/PM				
OpCert				
Financial				
Collection				
TOTALS			0	0
GRADE POINT AVERAGE (GPA) =				

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:

 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 =

Effluent Quality: BOD: Grade =

Effluent Quality: TSS: Grade =

Effluent Quality: Phosphorus: Grade =

Biosolids Quality and Management: Grade =

Staffing: Grade =

Operator Certification: Grade =

Financial Management: Grade =

Collection Systems: Grade = -

(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. =

RESOLUTION NO. _____

**A RESOLUTION APPROVING THE 2018 COMPLIANCE MAINTENANCE
ANNUAL REPORT FOR THE CITY OF MERRILL WASTEWATER
TREATMENT PLANT**

WHEREAS, the City of Merrill is required by the Wisconsin Department of Natural Resources (WDNR) to complete a Compliance Maintenance Annual Report on its Wastewater Treatment Plant; and

WHEREAS, the Water and Sewage Committee, of the City of Merrill, has reviewed the Compliance Maintenance Report for the year 2018, and has determined that it reflects the performance of the Wastewater Treatment Plant during 2018; and

WHEREAS, the report indicates a need for continued improvements at the Wastewater Treatment Plant and its operations to meet the requirements set forth by the WDNR;

NOW THEREFORE, BE IT RESOLVED BY THE COMMON COUNCIL OF THE CITY OF MERRILL, WISCONSIN, this 11th day of June, 2019, that:

1. The Compliance Maintenance Annual Report for 2018 is hereby approved and authorized to be filed with the WDNR.
2. That the Compliance Maintenance Annual Report for 2018 is an accurate indication of the performance of the City of Merrill Wastewater Treatment Plant for the year 2018.

Recommended by Rob Norton,
Chairman, Water and Sewage
Committee

CITY OF MERRILL, WISCONSIN

Moved: _____

Derek Woellner, Mayor

Passed: _____

William N. Heideman, City Clerk