

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: FOND DU LAC WTRRF
Contact Address: 700 Doty St
Fond du Lac, WI 54935
Facility Contact: Cody Schoepke, Wastewater Superintendent
Phone Number: 920-251-9859
Reporting Period: 06/01/2025 - 06/30/2025
Form Due Date: 07/21/2025
Permit Number: 0023990

Date Received:	
DOC:	571459
FIN:	7290
FID:	420004860
Region:	Northeast Region
Permit Drafter:	Ashley M Clark
Reviewer:	Mark F Stanek
Office:	Oshkosh

Sample Point(s) active?

Yes - 703 sample point (Influent)
Yes - 003 sample point (Effluent)
Yes - 199 sample point (In-Plant Blending)

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	Sample Point	703	703	703	703	703
	Description	Influent	Influent	Influent	Influent	Influent
	Parameter	211	66	457	87	133
	Description	Flow Rate	BOD5, Total	Suspended Solids, Total	Cadmium, Total Recoverable	Chromium, Total Recoverable
	Units	MGD	mg/L	mg/L	ug/L	ug/L
	Sample Type	CONTINUOUS	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP
	Frequency	DAILY	DAILY	DAILY	MONTHLY	MONTHLY
Sample Results	Day 1	7.887	205	248	0.3	41.0
	2	7.756	252	288		
	3	10.015	378	72		
	4	11.415	340	192		
	5	9.439	311	280		
	6	8.639	296	244		
	7	7.722	269	244		
	8	9.148	285	268		
	9	9.062	264	236		
	10	8.276	252	251		
	11	8.068	305	296		
	12	7.494	331	356		
	13	7.143	368	340		
	14	6.708	339	344		
	15	6.627	223	288		
	16	6.745	341	320		
	17	6.786	362	300		
	18	10.862	319	308		
	19	9.881	279	216		
	20	9.048	276	188		
	21	7.997	294	188		
	22	7.348	278	284		
	23	9.094	300	280		
	24	10.916	195	196		
	25	9.454	236	228		
	26	11.374	205	336		
	27	12.125	166	200		
	28	9.715	261	224		
	29	10.042	195	192		
	30	10.515	128	232		
	31					

	Sample Point	703	703	703	703	703
	Description	Influent	Influent	Influent	Influent	Influent
	Parameter	211	66	457	87	133
	Description	Flow Rate	BOD5, Total	Suspended Solids, Total	Cadmium, Total Recoverable	Chromium, Total Recoverable
	Units	MGD	mg/L	mg/L	ug/L	ug/L
Summary Values	Monthly Avg	8.910033333	275.1	257.924528302	0.3	41
	Daily Max	12.125	378	356	0.3	41
	Daily Max - Variable					
	Daily Min	6.627	128	72	0.3	41
	Geometric Mean -					
	Geometric Mean -					
	Week 1 Avg					
	Week 2 Avg					
	Week 3 Avg					
	Week 4 Avg					
Limit(s) in Effect	Monthly Avg					
	Daily Max					
	Daily Max - Variable					
	Daily Min					
	Geometric Mean -					
	Geometric Mean -					
	Weekly Avg					
QA/QC Information	LOD				0.3	1.3
	LOQ				1	4.3
	QC Exceedance	N	Y	N	N	N
	Lab Certification		420004860	420004860	445023150	445023150

	Sample Point	703	703	703	703	003
	Description	Influent	Influent	Influent	Influent	Effluent
	Parameter	147	264	315	553	211
	Description	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Rate
	Units	ug/L	ug/L	ug/L	ug/L	MGD
	Sample Type	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	TOT DAILY
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	DAILY
Sample Results	Day 1	66.0	8.0	45.0	106.0	7.887
	2					7.756
	3					10.015
	4					11.415
	5					9.439
	6					8.639
	7					7.722
	8					9.148
	9					9.062
	10					8.276
	11					8.068
	12					7.494
	13					7.143
	14					6.708
	15					6.627
	16					6.745
	17					6.786
	18					10.862
	19					9.881
	20					9.048
	21					7.997
	22					7.348
	23					9.094
	24					10.916
	25					9.454
	26					11.374
	27					12.125
	28					9.715
	29					10.042
	30					10.515
	31					

	Sample Point	703		703		703		703		003	
	Description	Influent		Influent		Influent		Influent		Effluent	
	Parameter	147		264		315		553		211	
	Description	Copper, Total Recoverable		Lead, Total Recoverable		Nickel, Total Recoverable		Zinc, Total Recoverable		Flow Rate	
	Units	ug/L		ug/L		ug/L		ug/L		MGD	
Summary Values	Monthly Avg	66		8		45		106		8.910033333	
	Daily Max	66		8		45		106		12.125	
	Daily Max - Variable										
	Daily Min	66		8		45		106		6.627	
	Geometric Mean -										
	Geometric Mean -										
	Week 1 Avg										
	Week 2 Avg										
	Week 3 Avg										
	Week 4 Avg										
Limit(s) in Effect	Monthly Avg										
	Daily Max										
	Daily Max - Variable										
	Daily Min										
	Geometric Mean -										
	Geometric Mean -										
	Weekly Avg										
QA/QC Information	LOD	0.8		3.5		1.3		4.3			
	LOQ	2.7		12		4.3		14			
	QC Exceedance										
	Lab Certification	445023150		445023150		445023150		445023150			

	Sample Point	003	003	003	003	003
	Description	Effluent	Effluent	Effluent	Effluent	Effluent
	Parameter	66	457	377	204	388
	Description	BOD5, Total	Suspended Solids, Total	pH Field	Fecal Coliform	Phosphorus, Total
	Units	mg/L	mg/L	mg/L	#/100ml	mg/L
	Sample Type	24 HR FLOW PROP	24 HR FLOW PROP	GRAB	GRAB	24 HR FLOW PROP
	Frequency	DAILY	DAILY	DAILY	WEEKLY	DAILY
Sample Results	Day 1	4.9	5.8	7.2		0.22
	2	5.9	7.0	7.3		0.24
	3	13.7	7.1	7.1	2	0.31
	4	23.1	14.3	6.9		0.45
	5	9.0	7.2	7.0		0.20
	6	5.8	4.0	7.0		0.17
	7	5.2	3.8	7.0		0.21
	8	5.9	8.4	7.2		0.28
	9	8.6	8.2	7.1	6	0.31
	10	12.3	8.5	7.1		0.39
	11	15.8	8.4	7.1		0.35
	12	7.5	5.8	6.9		0.24
	13	6.6	7.2	7.1		0.26
	14	7.2	6.0	7.1		0.25
	15	5.9	6.8	7.3		0.24
	16	7.4	7.0	7.2	2	0.25
	17	7.5	6.1	7.1		0.27
	18	14.9	9.6	7.1		0.36
	19	8.3	7.0	7.1		0.25
	20	6.1	6.4	7.2		0.23
	21	6.7	8.8	7.2		0.22
	22	6.2	8.0	7.2		0.27
	23	7.8	10.0	7.1		0.36
	24	9.3	8.9	7.2	12	0.35
	25	9.7	11.8	7.2		0.44
	26	7.6	11.4	7.2		0.48
	27	6.8	11.4	7.2		0.44
	28	6.2	13.2	6.5		0.54
	29	7.5	14.6	7.1		0.59
	30	8.6	12.4	7.2		0.38
	31					

	Sample Point	003		003		003		003		003	
	Description	Effluent		Effluent		Effluent		Effluent		Effluent	
	Parameter	66		457		377		204		388	
	Description	BOD5, Total		Suspended Solids, Total		pH Field		Fecal Coliform		Phosphorus, Total	
	Units	mg/L		mg/L		mg/L		#/100ml		mg/L	
Summary Values	Monthly Avg	8.6		8.503333333		7.106666667		5.5		0.318333333	
	Daily Max	23.1		14.6		7.3		12		0.59	
	Daily Max - Variable										
	Daily Min	4.9		3.8		6.5		2		0.17	
	Geometric Mean -							4.119534288			
	Geometric Mean -							2			
	Week 1 Avg	9.657142857		7.028571429							
	Week 2 Avg	9.128571429		7.5							
	Week 3 Avg	8.114285714		7.385714286							
	Week 4 Avg	7.657142857		10.671428571							
Limit(s) in Effect	Monthly Avg	30	0	30	0					0.8	0
	Daily Max					9	0				
	Daily Max - Variable										
	Daily Min					6	0				
	Geometric Mean -							400	0		
	Geometric Mean -							656	0		
	Weekly Avg	45	0	45	0						
QA/QC Information	LOD									0.014	
	LOQ									0.04	
	QC Exceedance	Y		N		N		N		N	
	Lab Certification	420004860		420004860						420004860	

	Sample Point	003	003	003	003	003
	Description	Effluent	Effluent	Effluent	Effluent	Effluent
	Parameter	388	789	320	87	133
	Description	Phosphorus, Total	Nitrogen, Ammonia (NH3-N) Total	Nitrogen, Ammonia Variable Limit	Cadmium, Total Recoverable	Chromium, Total Recoverable
	Units	lbs/month	mg/L	mg/L	ug/L	ug/L
	Sample Type	CALCULATED	24 HR FLOW PROP	SEE TABLE	24 HR FLOW PROP	24 HR FLOW PROP
	Frequency	MONTHLY	DAILY	DAILY	MONTHLY	MONTHLY
Sample Results	Day 1		0.03	>34	<0.3000	<1.3000
	2		0.04	>34		
	3		1.44	>34		
	4		5.26	>34		
	5		1.80	>34		
	6		0.17	>34		
	7		0.06	>34		
	8		0.05	>34		
	9		0.29	>34		
	10		1.39	>34		
	11		2.67	>34		
	12		1.00	>34		
	13		0.12	>34		
	14		0.07	>34		
	15		0.05	>34		
	16		0.20	>34		
	17		0.25	>34		
	18		2.02	>34		
	19		0.38	>34		
	20		0.13	>34		
	21		0.05	>34		
	22		0.04	>34		
	23		0.13	>34		
	24		0.35	>34		
	25		0.10	>34		
	26		0.05	>34		
	27		0.04	>34		
	28		0.03	>34		
	29		0.03	>34		
	30	709.29	0.10	>34		
	31					

	Sample Point	003		003		003		003		003	
	Description	Effluent		Effluent		Effluent		Effluent		Effluent	
	Parameter	388		789		320		87		133	
	Description	Phosphorus, Total		Nitrogen, Ammonia (NH3-N) Total		Nitrogen, Ammonia Variable Limit		Cadmium, Total Recoverable		Chromium, Total Recoverable	
	Units	lbs/month		mg/L		mg/L		ug/L		ug/L	
Summary Values	Monthly Avg	709.29		0.611333333		>34		0		0	
	Daily Max	709.29		5.26		>34		<0.3		<1.3	
	Daily Max - Variable			5.26							
	Daily Min	709.29		0.03		>34		<0.3		<1.3	
	Geometric Mean -										
	Geometric Mean -										
	Week 1 Avg			1.257142857							
	Week 2 Avg			0.798571429							
	Week 3 Avg			0.44							
	Week 4 Avg			0.105714286							
Limit(s) in Effect	Monthly Avg			6.1	0						
	Daily Max										
	Daily Max - Variable			0	0						
	Daily Min										
	Geometric Mean -										
	Geometric Mean -										
	Weekly Avg			17	0						
QA/QC Information	LOD			0.02				0.3		1.3	
	LOQ			0.05				1		4.3	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			420004860				445023150		445023150	

	Sample Point	003	003	003	003	199
	Description	Effluent	Effluent	Effluent	Effluent	In-Plant Blending
	Parameter	147	264	315	553	211
	Description	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Rate
	Units	ug/L	ug/L	ug/L	ug/L	MGD
	Sample Type	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	CALCULATED
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	PER OCCURRNCE
Sample Results	Day 1	5.5000	4.9000	4.2000	19.0000	0.00
	2					0.00
	3					0.00
	4					0.00
	5					0.00
	6					0.00
	7					0.00
	8					0.00
	9					0.00
	10					0.00
	11					0.00
	12					0.00
	13					0.00
	14					0.00
	15					0.00
	16					0.00
	17					0.00
	18					0.00
	19					0.00
	20					0.00
	21					0.00
	22					0.00
	23					0.00
	24					0.00
	25					0.00
	26					0.00
	27					0.00
	28					0.00
	29					0.00
	30					0.00
	31					

	Sample Point	003		003		003		003		199	
	Description	Effluent		Effluent		Effluent		Effluent		In-Plant Blending	
	Parameter	147		264		315		553		211	
	Description	Copper, Total Recoverable		Lead, Total Recoverable		Nickel, Total Recoverable		Zinc, Total Recoverable		Flow Rate	
	Units	ug/L		ug/L		ug/L		ug/L		MGD	
Summary Values	Monthly Avg	5.5		4.9		4.2		19		0	
	Daily Max	5.5		4.9		4.2		19		0	
	Daily Max - Variable										
	Daily Min	5.5		4.9		4.2		19		0	
	Geometric Mean -										
	Geometric Mean -										
	Week 1 Avg										
	Week 2 Avg										
	Week 3 Avg										
	Week 4 Avg										
Limit(s) in Effect	Monthly Avg										
	Daily Max										
	Daily Max - Variable										
	Daily Min										
	Geometric Mean -										
	Geometric Mean -										
	Weekly Avg										
QA/QC Information	LOD	0.8		3.5		1.3		4.3			
	LOQ	2.7		12		4.3		14			
	QC Exceedance										
	Lab Certification	445023150		445023150		445023150		445023150			

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Laboratory Quality Control Comments

6-15-25 BOD Blank: A blank set up on 6/15/25 failed. The failed blank was associated with sample date 6/14/25 and had a depletion of 0.33 mg/L. The acceptable limit is +/- 0.24 mg/L. The initial DO for the blank was 8.99 mg/L. The meter calibration was checked as well as the probe cap and barometer on all meters. The blank was then re-checked on all DO meters yielding continued over depletion of the blank. The next blank set up on 6/17/25 passed with a depletion of 0.04 mg/L

Submitted by 73chev on 07/09/2025 7:24:13 AM