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Permit	
Permit #: IN0052949	Permittee: JACKSON CO REGIONAL SEWAGE DISTRICT
Major: No	Permittee Address: PO BOX 22 LITTLE SALT CREEK FREETOWN, IN 472359563
Permitted Feature: 001 External Outfall	Discharge: 001-A 0.09 MGD CLASS I DISCHARGE MAIN TO LITTLE SALT CREEK
Facility: JACKSON COUNTY REGIONAL SEWER DISTRICT	Facility Location: 4241 W CR 675 N (LITTLE SALT CREEK) FREETOWN, IN 47235-9563

Report Dates & Status	
Monitoring Period: From 10/01/23 to 10/31/23	DMR Due Date: 11/28/23
Status: NetDMR Validated	

Considerations for Form Completion
 THE FLOW METER(S) SHALL BE CALIBRATED AT LEAST ONCE ANNUALLY. MUNICIPAL MINOR JACKSON COUNTY

Principal Executive Officer	
First Name: Glenn	Title: President
Last Name: lawyer	Telephone: 812-525-2605

No Data Indicator (NODI)
 Form NODI: **-**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample					=	8.2						19 - mg/L	05/WK - Five Per Week G2 - GRAB-2	
					Permit Req.					>=	8.0 DLYAVMIN						19 - mg/L		05/WK - Five Per Week G2 - GRAB-2
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.2			=	7.7		12 - SU	05/WK - Five Per Week GR - GRAB	
					Permit Req.					>=	6.0 DAILYMN			<=	9.0 DAILY MX		12 - SU		05/WK - Five Per Week GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1.1	=	1.4	26 - lb/d			=	8.1		=	9.0	02/07 - Twice Every Week 24 - COMP24	
					Permit Req.	<=	7.5 MO AVG	<=	11.3 MX WK AV	26 - lb/d		<=	10.0 MO AVG		<=	15.0 MX WK AV	19 - mg/L		02/07 - Twice Every Week 24 - COMP24
					Value NODI														
00810	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.022	=	0.03	26 - lb/d			=	0.15		=	0.26	02/07 - Twice Every Week 24 - COMP24	
					Permit Req.	<=	0.9 MO AVG	<=	1.4 MX WK AV	26 - lb/d		<=	1.2 MO AVG		<=	1.8 MX WK AV	19 - mg/L		02/07 - Twice Every Week 24 - COMP24
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0177	=	0.0174	03 - MGD								05/WK - Five Per Week TM - TOTALZ	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									05/WK - Five Per Week TM - TOTALZ
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	1	--	Sample													05/WK - Five Per Week GR - GRAB	
					Permit Req.						<	0.06 MO AVG		<	0.06 DAILY MX		19 - mg/L		05/WK - Five Per Week GR - GRAB
					Value NODI														9 - Conditional Monitoring - Not Required This Period
					Sample Permit													05/WK - Five Per Week GR -	

50060	Chlorine, total residual	X - End of Chlorine Contact Chamber	1	--	Req. Value NO DI						>=	0.5 DAILY MN			Req Mon DAILY MX	19 - mg/L	Week	GRAB	
					Value NO DI							9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period				
51041	E. coli, colony forming units [CFU]	1 - Effluent Gross	0	--	Sample						=	28.0			=	84.1	3Z - CFU/100mL	02/07 - Twice Every Week	GR - GRAB
					Permit Req. Value NO DI						<=	125.0 MO GEO			<=	235.0 DAILY MX	3Z - CFU/100mL	02/07 - Twice Every Week	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.54	=	0.81	26 - lb/d	=	3.9			=	4.4	19 - mg/L	02/07 - Twice Every Week	24 - COMP24
					Permit Req. Value NO DI	<=	7.5 MO AVG	<=	11.3 MX WK AV	26 - lb/d	<=	10.0 MO AVG			<=	15.0 MX WK AV	19 - mg/L	02/07 - Twice Every Week	24 - COMP24
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	0.5495	80 - Mgal/mo								01/30 - Monthly	RT - RCOTOT
					Permit Req. Value NO DI				Req Mon MO TOTAL	80 - Mgal/mo								01/30 - Monthly	RT - RCOTOT

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
IN0052949_001A_MRO_2023_10.pdf	pdf	251391.0

Report Last Saved By

JACKSON CO REGIONAL SEWAGE DISTRICT

User: combsjb@gmail.com
 Name: jason combs
 E-Mail: combsjb@gmail.com
 Date/Time: 2024-10-23 10:28 (Time Zone: -04:00)

Report Last Signed By

User: combsjb@gmail.com
 Name: jason combs
 E-Mail: combsjb@gmail.com
 Date/Time: 2024-10-23 10:28 (Time Zone: -04:00)



**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE WASTEWATER
TREATMENT PLANT - STANDARD**

State Form 53463 (R2 / 3-14)

Name of Facility Jackson County Regional Sewer Dist		Permit Number IN0052949	
Month October	Year 2023	Plant Design Flow 0.09 mgd	Telephone Number 812-697-8594
E-mail address: combsjb@gmail.com			
Certified Operator: Name Jason Combs		Class III	Certificate Number WW016687
		Expiration Date 6/30/2025	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total 0 Precipitation - Inches	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS U SED			RAW SEWAGE								
							Chlorine - Lbs	Lbs/Day or Gal./Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Sun																	
2	Mon		74							7.0	180	22.518	100	12.51			55	
3	Tue																	
4	Wed																	
5	Thu		72							7.3	234	39.031	81	13.511				
6	Fri																	
7	Sat																	
8	Sun																	
9	Mon		62							7.1	246	41.033	93	15.512			39	
10	Tue																	
11	Wed																	
12	Thu		69							7.2	204	11.399	120	6.7054			41	
13	Fri																	
14	Sat																	
15	Sun																	
16	Mon		51							7.6	186	37.23	79	15.813			45	
17	Tue																	
18	Wed																	
19	Thu		57							7.5	234	30.835	100	13.177			40	
20	Fri																	
21	Sat																	
22	Sun																	
23	Mon		64							7.1	186	23.269	130	16.263			39	
24	Tue																	
25	Wed																	
26	Thu		71							7.0	174	24.67	89	12.618			41	
27	Fri																	
28	Sat																	
29	Sun																	
30	Mon																	
31	Tue																	
Average											206	28.748	99	13.264			42.86	
Maximum										7.6	246	41.033	130	16.263			55	
Minimum										7.0	174	11.399	79	6.7054			39	
No. of Data				0	0	0	0	0	0	8	8	8	8	8	0	7	0	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Prepared by or under the direction of (Certified Operator): Jason Combs	Date (month, day, year) 11/27/2023
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Glenn Laywer	Date (month, day, year) 11/27/2023

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE WASTEWATER
TREATMENT PLANT - STANDARD**

State Form 53463 (R2 / 3-14)

Name of Facility	Permit Number	For Month Of:	Year
Jackson County Regional Sewer Dist	IN0052949	October	2023

Day Of Month	PRIMARY EFFLUENT		AERATION						SECONDARY EFFLUENT		FINAL EFFLUENT						
	CBOD5 - mg/l	Susp. Solids - mg/l	MIXED LIQUOR				RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Residual Chlorine - Contact Tank	Residual Chlorine - Final	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - mL/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG									
1																	
2			41	4100	100	2.6							43.9	7.4		9.2	
3																	
4																	
5				2500		3.9							22.5	7.5		8.8	
6																	
7																	
8																	
9			41	4100	100	4.1							13	7.2		8.9	
10																	
11																	
12				2100		6.0							64.1	7.3		9.1	
13																	
14																	
15																	
16			35	5000	70	4.0							27.8	7.7		9.9	
17																	
18																	
19				3800		6.0							37.2	7.6		9.2	
20																	
21																	
22																	
23			40	5100	78	4.1							16.4	7.4		9.0	
24																	
25																	
26				3900		3.0							26.3	7.3		8.2	
27																	
28																	
29																	
30																	
31																	
Avg.			39	3825	87	4.2							28			9.0	
Max.			41	5100	100	6							64.1	7.7		9.9	
Min.			35	2100	70	2.6							13	7.2		8.2	
Data	0	0	4	8	4	8	0	0	0	0	0	0	8	8		8	0

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

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ACTIVATED SLUDGE TYPE WASTEWATER
TREATMENT PLANT - STANDARD**

State Form 53463 (R2 / 3-14)

Name of Facility Jackson County Regional Sewer Dist	Permit Number IN0052949	For Month Of: October	Year 2023
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		FINAL EFFLUENT															
Day Of Month	Day of Week	Flow		BOD				Total Suspended Solids				Ammonia				Other	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Oil & Grease (mg/l)	
1	Sun	0.017															
2	Mon	0.015		2.8		0.3505		8.4		1.0515		0.224		0.028			
3	Tue	0.014															
4	Wed	0.016															
5	Thu	0.02		4.4		0.7344		6		1.0014		0.065		0.0108			
6	Fri	0.019															
7	Sat	0.017	0.0169		3.6		0.5424		7.2		1.0264		0.1445		0.0194		
8	Sun	0.018															
9	Mon	0.02		5.2		0.8679		7.4		1.2351		0.41		0.0684			
10	Tue	0.018															
11	Wed	0.026															
12	Thu	0.0067		3.6		0.2013		8.2		0.4585		0.11		0.0062			
13	Fri	0.014															
14	Sat	0.018	0.0172		4.4		0.5346		7.8		0.8468		0.26		0.0373		
15	Sun	0.02															
16	Mon	0.024		3.8		0.7611		8.2		1.6423		0.087		0.0174			
17	Tue	0.015															
18	Wed	0.015															
19	Thu	0.0158		3.6		0.4747		9.8		1.2921		0.118		0.0156			
20	Fri	0.016															
21	Sat	0.016	0.0174		3.7		0.6179		9		1.4672		0.1025		0.0165		
22	Sun	0.018															
23	Mon	0.015		3.8		0.4757		8		1.0014		0.055		0.0069			
24	Tue	0.016															
25	Wed	0.016															
26	Thu	0.017		3.7		0.5249		8.4		1.1917		0.18		0.0255			
27	Fri	0.017															
28	Sat	0.017	0.0166		3.75		0.5003		8.2		1.0965		0.1175		0.0162		
29	Sun	0.028															
30	Mon	0.024															
31	Tue	0.021															
Avg		0.0177		3.9		0.5488		8.1		1.1092		0.1561		0.0224			
Max		0.028	0.0174	5.2	4.4	0.8679	0.6179	9.8	9	1.6423	1.4672	0.41	0.26	0.0684	0.0373		
Min		0.0067	0.0166	2.8	3.6	0.2013	0.5003	6	7.2	0.4585	0.8468	0.055	0.1025	0.0062	0.0162		
Data		31	4	8	4	8	4	8	4	8	4	8	4	8	4	0	0

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 0.5495
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			Percent Capacity
Tertiary Treatment	NA	NA			(actual flow/design) 20%
Overall Treatment	98.1	91.9	99.6	NA	

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE WASTEWATER
TREATMENT PLANT - STANDARD**

State Form 53463 (R2 / 3-14)

Name of Facility	Permit Number	For Month Of:	Year
Jackson County Reg	IN0052949	October	2023

Day Of Month	SLUDGE TO DIGESTER		DIGESTER OPERATION											
	Primary Sludge Gal. x 1000	Waste Act. Sludge Gal. x 1000	Anaerobic Only			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD 5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		
			pH	Gas Production Cubic Ft. x 1000	Temperature - F									
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
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22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
Avg.														
Max.														
Min.														
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Send completed forms by the 28th of the month to:

 Indiana Department of Environmental Management
 Office of Water Quality, Mail Code 65-42
 100 North Senate Avenue
 Indianapolis, Indiana 46204-2251