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Permit

Permit #:
Major:

IN0055697
No

Permittee:
Permittee Address:

WAINWRIGHT MIDDLE SCHOOL
7501 E 700 S
LAURAMIE CREEK
LAFAYETTE, IN 47909

Facility:
Facility Location:

WAINWRIGHT MIDDLE SCHOOL
7501 E 700 S
LAURAMIE CREEK
LAFAYETTE, IN 47909

Permitted Feature:

001
External Outfall

Discharge:

001-A
CLASS I, 0.01 MGD WWTP TO LAURAMIE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/24 to 04/30/24

DMR Due Date:

05/28/24

Status:

NetDMR Validated

Considerations for Form Completion

FLOW METER(S) SHALL BE CALIBRATED AT LEAST ONCE ANNUALLY. NOTIFY IDEM 30 DAYS PRIOR TO CONSTRUCTION BEING COMPLETED. SEMI PUBLIC TIPPECANOE COUNTY

Principal Executive Officer

First Name:
Last Name:

Title:

Telephone:

No Data Indicator (NODI)

FormNODI: --

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
	Name					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	0	--	Sample						=	7.9					19 - mg/L	0	01/07 - Weekly	G2 - GRAB-2
					Permit Req.						>=	6.0 DLYAVMIN					19 - mg/L		01/07 - Weekly	G2 - GRAB-2
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.5			=	7.8	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Permit Req.						>=	6.0 DAILY MN			<=	9.0 DAILY MX	12 - SU		02/07 - Twice Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.102	=	0.138	28 - lb/d			=	3.6	=	4.6	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.	<=	1.0 MO AVG	<=	1.5 MX WK AV	28 - lb/d			<=	12.0 MO AVG	<=	18.0 MX WK AV	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.019	=	0.025	28 - lb/d			=	0.675	=	0.9	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.	<=	0.1 MO AVG	<=	0.2 MX WK AV	28 - lb/d			<=	1.6 MO AVG	<=	2.4 MX WK AV	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0.6			19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.								<=	1.0 MO AVG			19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0045			03 - MGD								0	05/WK - Five Per Week	TM - TOTALZ
					Permit Req.		Req Mon MO AVG			03 - MGD									05/WK - Five Per Week	TM - TOTALZ
					Value NODI															
51041	E. coli, colony forming units [CFU]	1 - Effluent Gross	0	--	Sample								=	44.0	=	80.0	3Z - CFU/100mL	0	01/07 - Weekly	GR - GRAB
					Permit Req.								<=	125.0 MO GEO	<=	235.0 DAILY MX	3Z - CFU/100mL		01/07 - Weekly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.083	=	0.129	28 - lb/d			=	2.9	=	3.1	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.	<=	0.8 MO AVG	<=	1.3 MX WK AV	28 - lb/d			<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	95.4					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample						=	96.7					23 - %		01/30 - Monthly	CA - CALCTD

81011	Solid s, suspended percent removal	K - Percent Removal	0	--	Permit Req.						>=	85.0 MO AV MN					23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample		=	0.1	80 - Mgal/mo									0	01/30 - Monthly	RT - RCOTOT
					Permit Req.			Req Mon MO TOTAL	80 - Mgal/mo										01/30 - Monthly	RT - RCOTOT
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor E ffluent Trading, then none ofthe following fields will be submitted forthat row: Units, Number ofExcursions, Frequency ofAnalysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
IN0055697_001A_MRO_2024_04.pdf	pdf	249999.0

Report Las t Saved By

WAINWRIGHT MIDDLE SCHOOL

User: fjt@bbnwireless.com

Name: fred flook

E-Mail: fjt@bbnwireless.com

Date/Time: 2024-05-15 11:13 (Time Zone: -04:00)

Report Las t Signed By

User: setobias@tsc.k12.in.us

Name: Steven Tobias

E-Mail: setobias@tsc.k12.in.us

Date/Time: 2024-05-17 07:03 (Time Zone: -04:00)



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

State Form 53483 (R7 / 2-23)

Name of Facility			Permit Number	
Wainwright Middle School			IN0055697	
Month	Year	Plant Design Flow	Telephone Number	
April	2024	0.01 mgd	765-474-2418	
E-mail address: Tanner.FJF@yahoo.com			001	A
Certified Operator: Name		Class	Certificate Number	Expiration Date
Fred J Flook		2	WWIN8371	6/30/2024

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 USED			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	Mon	1									7.8							
2	Tue	1																
3	Wed	2									7.7	60	1.501	82	2.0516	13.1	10.4	
4	Thu	1																
5	Fri	1																
6	Sat																	
7	Sun																	
8	Mon	1									7.5							
9	Tue	1																
10	Wed	2									7.6	78	0.651	80	0.6672	6.7	30.1	
11	Thu	1																
12	Fri	1																
13	Sat																	
14	Sun																	
15	Mon	1									7.4							
16	Tue	1																
17	Wed	2									7.5	59	2.46	194	8.0898	9.2	39.8	
18	Thu	1																
19	Fri	1																
20	Sat																	
21	Sun																	
22	Mon	1									7.6							
23	Tue	1																
24	Wed	2									7.7	53	2.21	80	3.336	11.6	30.1	
25	Thu	1																
26	Fri	1																
27	Sat																	
28	Sun																	
29	Mon	1									7.6							
30	Tue	2									7.7							
Average												63	1.706	109	3.5362	10.2	27.6	
Maximum											7.8	78	2.46	194	8.0898	13.1	39.8	
Minimum											7.4	53	0.651	80	0.6672	6.7	10.4	
No. of Data				0	0	0	0	0	0	0	10	4	4	4	4	4	4	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): Fred J Flook				Date (month, day, year) 5/15/2024			
											Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Steve Tobias				Date (month, day, year) 5/15/2024			

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

State Form 53483 (R7 / 2-23)

Name of Facility		Permit Number		For Month Of		Year													
Wainwright Middle School		IN 0055697		April		2024													
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 - Final	Residual Chlorine - Contact Tank	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	Susp. Solids - mg/l										
1						11.6											7.6	11.5	
2																			
3			8	2530	32										80		7.5	11.2	0.6
4																			
5																			
6																			
7																			
8																	7.6	10.0	
9																			
10			6	1940	31	9.9									20		7.7	9.8	0.6
11																			
12																			
13																			
14																			
15																	7.6	9.1	
16																			
17			7	1820	38	9.1									40		7.5	8.9	0.5
18																			
19																			
20																			
21																			
22																	7.7	8.7	
23																			
24			5	1910	26	6.9									60		7.8	8.3	0.77
25																			
26																			
27																			
28																			
29																	7.7	8.3	
30			5			7.9											7.6	7.9	
Avg.			6	2050	32	9.1									44			9.4	0.6
Max.			8	2530	38.46	11.6									80		7.8	11.5	0.77
Min.			5	1820	26.18	6.9									20		7.5	7.9	0.5
Daily Max																			
# of Days above 235																			
Data	0	0	5	4	4	5	0	0	0	0	0	0	0	0	4	10	10	4	

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

5

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

State Form 53463 (R7 / 2-23)

Name of Facility	Permit Number	For Month Of	Year
Wainwright Middle School	IN0055697	April	2024

Day Of Month	Day of Week	FINAL EFFLUENT															
		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	Mon	0.0006															
2	Tue	0.003															
3	Wed	0.003		2.8		0.07		4.6		0.115		0.9		0.023			
4	Thu	0.003															
5	Fri	0.002															
6	Sat		0.0023		2.8		0.07		4.6		0.115		0.9		0.023		
7	Sun																
8	Mon	0.003															
9	Tue	0.001															
10	Wed	0.001		3		0.025		3.6		0.03		0.7		0.006			
11	Thu	0.008															
12	Fri	0.006															
13	Sat		0.0038		3		0.025		3.6		0.03		0.7		0.006		
14	Sun																
15	Mon	0.009															
16	Tue	0.005															
17	Wed	0.005		3.1		0.129		3.3		0.138		0.6		0.025			
18	Thu	0.006															
19	Fri	0.007															
20	Sat		0.0064		3.1		0.129		3.3		0.138		0.6		0.025		
21	Sun																
22	Mon	0.006															
23	Tue	0.004															
24	Wed	0.005		2.6		0.108		3		0.125		0.5		0.021			
25	Thu	0.006															
26	Fri	0.01															
27	Sat		0.0062		2.6		0.108		3		0.125		0.5		0.021		
28	Sun																
29	Mon	0.005															
30	Tue	0.001															
Avg		0.0045		2.9		0.083		3.6		0.102		0.675		0.019			
Max		0.01	0.0064	3.1	3.1	0.129	0.129	4.6	4.6	0.138	0.138	0.9	0.9	0.025	0.025		
Min		0.0006	0.0023	2.6	2.6	0.025	0.025	3	3	0.03	0.03	0.5	0.5	0.006	0.006		
Data		22	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 0.1
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			Percent Capacity
Tertiary Treatment	NA	NA			(actual flow/design) 45%
Overall Treatment	95.4	96.7	97.6	93.9	
Phosphorus limit would be 1 mg/l. (compliance achieved)					

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

State Form 53463 (R7 / 2-23)

Name of Facility	Permit Number	For Month Of	Year
Wainwright Middle School	IN0055697	April	2024

Day Of Month	SLUDGE TO DIGESTER		DIGESTER OPERATION												
			Anaerobic Only			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 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		20													
2															
3		10													
4															
5															
6															
7															
8		35													
9															
10															
11															
12															
13															
14															
15		30													
16															
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21															
22		20													
23															
24															
25															
26															
27															
28															
29															
30															
Avg.		23													
Max.		35													
Min.		10													
Data	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately & attached to the corresponding netDMR for submittal