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<b>Permit</b>		<b>Permittee:</b> BUNKER HILL WWTP		<b>Facility:</b> BUNKER HILL WWTP, TOWN OF	
<b>Permit #:</b> IN0020206	<b>Major:</b> No	<b>Permittee Address:</b> 280 W BROADWAY BUNKER HILL, IN 46914	<b>Facility Location:</b> 170 E 3RD ST BUNKER HILL, IN 46914		
<b>Permitted Feature:</b> 001 External Outfall	<b>Discharge:</b> 001-A 0.3 MGD CLASS II MAIN OUTFALL INTO PIPE CREEK TO WABASH RIVER				

<b>Report Dates &amp; Status</b>		<b>Monitoring Period:</b> From 12/01/24 to 12/31/24		<b>DMR Due Date:</b> 01/28/25		<b>Status:</b> NetDMR Validated	
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**Considerations for Form Completion**  
THE FLOW METER(S) SHALL BE CALIBRATED AT LEAST ONCE ANNUALLY MUNICIPAL MINOR MIAMI COUNTY

<b>Principal Executive Officer</b>		<b>Title:</b> COUNCIL PRESIDENT		<b>Telephone:</b> 765-614-9043	
<b>First Name:</b> JOHN					
<b>Last Name:</b> MERCER					

**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	2	--	Sample					=	9.7					19 - mg/L	0	05/WK - Five Per Week	G3 - 3 Grabs	
					Permit Req.					>=	3.0 DLYAVMIN					19 - mg/L		05/WK - Five Per Week	G3 - 3 Grabs	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.2			=	7.8	12 - SU	0	05/WK - Five Per Week	GR - Grab	
					Permit Req.					>=	8.0 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	=	5.4	=	4.1	26 - lb/d			=	7.0	=	7.0	19 - mg/L	0	03/07 - Three Per Week	24 - 24 Hour Composite
					Permit Req.	<=	75.1 MO AVG	<=	112.7 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00810	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.01	=	0.1	26 - lb/d			=	0.02	=	0.1	19 - mg/L	0	03/07 - Three Per Week	24 - 24 Hour Composite
					Permit Req.	<=	25.3 MO AVG	<=	38.1 MX WK AV	26 - lb/d			<=	10.1 MO AVG	<=	15.2 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0833			03 - MGD							0	05/WK - Five Per Week	TM - Totalizer	
					Permit Req.		Req Mon MO AVG			03 - MGD								05/WK - Five Per Week	TM - Totalizer	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2.5	=	2.2	26 - lb/d			=	4.0	=	4.0	19 - mg/L	0	03/07 - Three Per Week	24 - 24 Hour Composite
					Permit Req.	<=	62.6 MO AVG	<=	100.1 MX WK AV	26 - lb/d			<=	25.0 MO AVG	<=	40.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	2.581	80 - Mgal/mo							0	01/30 - Monthly	RT - Recorder Total	
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo								01/30 - Monthly	RT - Recorder Total	
					Value NODI															

**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
IN0020206_001A_MRO_2024_12.pdf	pdf	278461.0

*Report Last Saved By*

**BUNKER HILL WWTP**

User: bh.utilities  
Name: Rodney Deckard  
E-Mail: bunkerhillforeman@gmail.com  
Date/Time: 2025-01-14 16:09 (Time Zone: -05:00)

*Report Last Signed By*

User: bh.utilities  
Name: Rodney Deckard  
E-Mail: bunkerhillforeman@gmail.com  
Date/Time: 2025-01-14 16:19 (Time Zone: -05:00)



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

State Form 53463 (R8 / 3-20)

Name of Facility <b>BUNKER HILL WWTP</b>		Permit Number <b>IN0020206</b>	
Month <b>December</b>	Year <b>2024</b>	Plant Design Flow <b>0.3 mgd</b>	Telephone Number <b>0</b>
E-mail address: <b>bh.utilities@gmail.com</b>			<b>001 A</b>
Certified Operator: Name <b>RODNEY L DECKARD</b>		Class <b>II</b>	Certificate Number <b>WW020713</b>
		Expiration Date <b>6/30/2027</b>	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total= 3.77 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	Sun	1		0															
2	Mon	3.5		0					7.7	191	109.91	102	58.697					54.2	
3	Tue	2.5		0.14					7.8										
4	Wed	3.5		0.01					7.7	192	88.07	92	42.2					60.6	
5	Thu	2.5		0					7.7										
6	Fri	3.5		0					7.9	167	79.388	76	36.129					61.9	
7	Sat	1		0															
8	Sun	1		0.13															
9	Mon	3.5		0.25					7.5	161	124.87	82	63.601					57	
10	Tue	2.5		0.11					7.7										
11	Wed	3.5		0.04					7.7	197	96.936	100	49.206					53.6	
12	Thu	2.5		0.02					7.6										
13	Fri	3.5		0					7.7	157	81.182	66	34.127					47.3	
14	Sat	1		0.4															
15	Sun	1		0.17															
16	Mon	3.5		0.3					7.5	143	139.54	146	142.46					25.3	
17	Tue	2.5		0					7.6										
18	Wed	3.5		0					7.6	121	64.585	36	19.215					31.5	
19	Thu	2.5		0.09					7.6										
20	Fri	3.5		0.12					7.7	188	103.48	92	50.64					51.1	
21	Sat	1		0															
22	Sun	1		0															
23	Mon	3.5		0					7.7	113	82.933	32	23.485					45.3	
24	Tue	2.5		0					7.7										
25	Wed	3.5		0.07					7.6	117	57.571	18	8.8571					52	
26	Thu	2.5		0					7.6										
27	Fri	3.5		0.17					7.6	141	77.612	66	36.329					48.4	
28	Sat	1		0.07															
29	Sun	1		1.09															
30	Mon	3.5		0					7.5	123	249.27	90	182.4					10.9	
31	Tue	2.5		0.59					7.2										
1	Wed	Fill in January's effluent data on page 3 as needed for weekly average calculations.																	
2	Thu																		
3	Fri																		
Average										155	104.26	77	57.488					46.1	
Maximum				1.09					7.9	197	249.27	146	182.4					61.9	
Minimum									7.2	113	57.571	18	8.8571					10.9	
No. of Data				31	0	0	0	0	0	22	13	13	13	13	0	13	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): <b>RODNEY L. DECKARD</b>	Date (month, day, year) <b>1/8/2025</b>
Signature of principal executive officer or authorized agent (or attested by NetDNR subscriber agreement) <b>RODNEY L. DECKARD</b>	Date (month, day, year) <b>1/8/2025</b>

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

State Form 53483 (R8 / 3-20)

Name of Facility BUNKER HILL WWTP	Plant Number IN0020206	For Month Of December	Year 2024
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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																		
2			240	3728	64	4.8									7.3		9.3	
3			330	4978	66	10.8									7.6		11.3	
4			325	4789	68	10.3									7.5		10.4	
5			315	4721	67	10.5									7.4		10.9	
6			315	4635	68	9.5									7.5		10.8	
7																		
8																		
9			335	4887	69	8.3									7.3		10.0	
10			340	4817	71	9.0									7.4		9.7	
11			335	4612	73	9.7									7.4		9.9	
12			330	4749	69	9.7									7.4		10.2	
13			335	4675	72	10.3									7.4		10.2	
14																		
15																		
16			310	4398	70	7.4									7.3		9.7	
17			305	4433	69	8.1									7.3		9.8	
18			310	4378	71	8.9									7.3		10.0	
19			270	4029	67	8.9									7.4		10.2	
20			235	3288	71	8.8									7.4		10.3	
21																		
22																		
23			245	3395	72	10.3									7.4		11.0	
24			240	3577	67	10.2									7.3		10.5	
25			240	3393	71	10.4									7.4		10.3	
26			245	3512	70	10.2									7.4		10.7	
27			245	3392	72	9.5									7.3		10.7	
28																		
29																		
30			235	3460	68	8.8									7.2		10.8	
31			230	3355	69	8.6									7.2		10.8	
Avg.			287	4146	69	9.2											10.3	
Max			340	4978	72.64	10.8									7.6		11.3	
Min			230	3288	64.38	4.8									7.2		9.7	
Daily Max																		
# of Days above 235														#NUM!				
Data	0	0	22	22	22	22	0	0	0	0	0	0	0	0	22	22	0	0

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

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

State Form 53483 (R8 / 3-20)

Name of Facility BUNKER HILL WWTP	Permit Number IN0020206	For Month Of December	Year 2024
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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	Sun	0.067															
2	Mon	0.069		4		2.303		3		1.727		0.367		0.211			
3	Tue	0.041															
4	Wed	0.055		4		1.836		8		3.672		0.021		0.01			
5	Thu	0.064															
6	Fri	0.057		4		1.903		6		2.854		0.022		0.01			
7	Sat	0.056	0.0584		4		2.014		5.667		2.751		0.137		0.077		
8	Sun	0.051															
9	Mon	0.093		3		2.328		6		4.657		0.015		0.012			
10	Tue	0.044															
11	Wed	0.059		3		1.477		6		2.954		0.017		0.008			
12	Thu	0.059															
13	Fri	0.062		4		2.07		8		4.139		0.015		0.008			
14	Sat	0.068	0.0623		3.333		1.958		6.667		3.917		0.016		0.009		
15	Sun	0.111															
16	Mon	0.117		3		2.929		7		6.835		0.015		0.015			
17	Tue	0.055															
18	Wed	0.064		3		1.602		5		2.67		0.015		0.008		0.015	
19	Thu	0.067															
20	Fri	0.066		3		1.652		5		2.754		0.015		0.008			
21	Sat	0.07	0.0786		3		2.061		5.667		4.086		0.015		0.01		
22	Sun	0.071															
23	Mon	0.088		4		2.937		7		5.141		0.015		0.011			
24	Tue	0.042															
25	Wed	0.059		4		1.969		5		2.462		0.015		0.007			
26	Thu	0.064															
27	Fri	0.066		3		1.652		7		3.855		0.015		0.008			
28	Sat	0.075	0.0664		3.667		2.186		6.333		3.819		0.015		0.009		
29	Sun	0.295															
30	Mon	0.243		4		8.111		11		22.31		0.015		0.03			
31	Tue	0.183															
1	Wed	0.174															
2	Thu	0.138															
3	Fri	0.114															
Avg		0.0833		3.5		2.539		6.8		5.358		0.016		0.011		0.015	
Max		0.295	0.0786	4	4	8.111	2.186	11	6.667	22.31	4.086	0.022	0.137	0.03	0.077	0.015	
Min		0.041	0.0584	3	3	1.477	1.958	3	5.667	1.727	2.751	0.015	0.015	0.007	0.009	0.015	
Data		31	4	13	4	13	4	13	4	13	4	13	4	13	4	1	0

MONTHLY REMOVAL SUMMARY					Total Monthly Flow (million gallons)
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	2.581
Primary Treatment	NA	NA			Percent Capacity (actual flow/design) 28%
Secondary Treatment	NA	NA			
Tertiary Treatment	NA	NA			
Overall Treatment	97.7	91.2	100.0	NA	

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

State Form 53463 (R8 / 3-20)

Name of Facility	Permit Number	For Month Of	Year
BUNKER HILL WW	IN0020206	December	2024

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 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														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19												1		
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31												0.5		
Avg.												0.75		
Max.												1		
Min.												0.5		
Data	0	0	0	0	0	0	0	0	0	0	0	2	0	0

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