



82220	Flow, total	1 - Effluent Gross	0	--	Permit Req.				Req Mon MO TOTAL 80 - Mgal/mo							0	01/30 - Monthly	RT - RCOTOT
					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
IN0020877_001A_MRO_2023_11.pdf	pdf	270420.0

**Report Last Saved By**

**NORTH JUDSON MUNICIPAL WWTP**

User: KKAPPNJUTILITIES  
 Name: KIMBERLY KAPP  
 E-Mail: kkappnjutilities@yahoo.com  
 Date/Time: 2024-07-03 15:05 (Time Zone: -04:00)

**Report Last Signed By**

User: KKAPPNJUTILITIES  
 Name: KIMBERLY KAPP  
 E-Mail: kkappnjutilities@yahoo.com  
 Date/Time: 2024-07-03 15:05 (Time Zone: -04:00)



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

State Form 53463 (R6 / 3-20)

Name of Facility North Judson WWTP			Permit Number IN0020877		
Month November	Year 2023	Plant Design Flow 0.908 mgd	Telephone Number 574-806-0411		
E-mail address: kkappnjutilities@yahoo.com				001	A
Certified Operator: Name Kimberly L. Kapp		Class 2	Certificate Number 21745	Expiration Date 6/30/2024	

Day of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total= 0.82 Precipitation - Inches	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE								
							Chlorine - Lbs	Sulfur Dioxide lbs	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	Wed			0.04						0.001	7.9	75.9	0.633	48	0.4003		17.1	
2	Thu									0.001	8.0	83.5	0.6964					
3	Fri									0.104	7.9	101.6	88.124					
4	Sat									0.193								
5	Sun									0.188								
6	Mon									0.199	7.8			136	225.71		23.9	
7	Tue									0.196	7.9						29.2	
8	Wed			0.26						0.263	7.9	113.2	248.3	88	193.02		25.9	
9	Thu									0.206	7.9	111.6	191.73	62	106.52			
10	Fri									0.19	7.9	133.8	212.02					
11	Sat									0.178								
12	Sun									0.179								
13	Mon									0.185	7.8			123.5	190.55		25.4	
14	Tue									0.188	8.0			46.5	72.908		24.5	
15	Wed									0.205	7.9	135.5	231.66	112.5	192.34		32.8	
16	Thu									0.231	7.9	112.1	215.97					
17	Fri									0.18	7.8	93	139.61					
18	Sat									0.165								
19	Sun									0.167								
20	Mon			0.03						0.189	7.9			129	203.34		33.9	
21	Tue			0.38						0.242	7.9			78.5	158.43		20.7	
22	Wed									0.191	7.8	72.1	114.85	87.5	139.38		21	
23	Thu									0.165	7.8	133.9	184.26					
24	Fri									0.152	8.0	130.2	165.05					
25	Sat									0.156								
26	Sun			0.11						0.17								
27	Mon									0.207	7.9			35	60.423		30.5	
28	Tue									0.204	7.9			167	284.13		31.1	
29	Wed									0.177	7.9	123.2	181.87	27	39.857		30.3	
30	Thu									0.169	7.9	152.1	214.38					
Average										0.1747		112	156.37	88	143.62		26.64	
Maximum				0.38						0.263	8.0	152.1	248.3	167	284.13		33.9	
Minimum										0.001	7.8	72.1	0.633	27	0.4003		17.1	
No. of Data				5	0	0	0	0	0	30	22	14	14	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):  Kimberly L. Kapp	Date (month, day, year)  12/11/2023
	Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement)  Kimberly L. Kapp	Date (month, day, year)  12/11/2023

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

State Form 53463 (R6 / 3-20)

Name of Facility	Permit Number	For Month Of:	Year
North Judson WWTP	IN0020877	November	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 - 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			85	8482	100	6.7			6686						7.2		10.2	
2			84			6.3									7.6		10.2	
3			81			2.4									7.6		10.1	
4						7.2												
5						6.5												
6			84	7698	109	4.2			8737						7.6		9.6	
7			84			3.1									7.5		9.7	
8			85	8068	105	4.8			9318						7.5		9.2	
9			79	7816	101	4.5			8356						7.6		9.4	
10			79			5.0									7.6		9.6	
11						6.2												
12						6.7												
13			83	7928	105	3.5			8187						7.6		10.0	
14			82	7918	104	5.3			8673						7.6		10.1	
15			84	7768	108	5.3			8730						7.5		10.0	
16			82			4.3									7.6		9.9	
17			63			5.1									7.6		9.7	
18						4.7												
19						4.9												
20			73	7344	99	5.3			7396						7.6		10.2	
21			75	7102	106	4.6			8688						7.6		10.2	
22			78	7604	103	4.9			7979						7.5		10.1	
23			77			4.8									7.5		10.2	
24			79			5.4									7.6		10.8	
25						5.3												
26						5.5												
27			83	8316	100	6.3			7354						7.5		11.1	
28			84	9496	88	6.7			9613						7.4		11.3	
29			81	8232	98	7.0			7508						7.5		11.4	
30			80			5.8									7.4		11.0	
Avg.			80	7982	102	5.3			8248								10.2	
Max.			85	9496	109.12	7.2			9613						7.6		11.35	
Min.			63	7102	88.458	2.38			6686						7.2		9.23	
Daily Max															#NUM!			
# of Days above 235															0			
Data	0	0	22	13	13	30	0	0	13	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.):

NOVEMBER 1 & 2 INFLUENT METER NOT TOTALIZING CORRECTLY. NOVEMBER 3 INFLUENT METER FIXED

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

State Form 53463 (R6 / 3-20)

Name of Facility	Permit Number	For Month Of:	Year
North Judson WWTP	IN0020877	November	2023

		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	Wed	0.242		2.3		4.6448		3.5		7.0682		0.148		0.2989			
2	Thu	0.257		2		4.2893											
3	Fri	0.237		2.4		4.7466											
4	Sat	0.222	0.2427		2.2333		4.5603		2.5		5.0134		0.3833		0.7888		
5	Sun	0.217															
6	Mon	0.224						2.1		3.9255		0.0014		0.0026			
7	Tue	0.227										0.0677		0.1282			
8	Wed	0.253		1.5		3.1669		3.7		7.8118		0.111		0.2344			
9	Thu	0.237		2.1		4.1533		2		3.9555							
10	Fri	0.219		1.6		2.9241											
11	Sat	0.206	0.2261		1.7333		3.4148		2.6		5.2309		0.06		0.1217		
12	Sun	0.207															
13	Mon	0.207						2.6		4.4913		0.148		0.2557			
14	Tue	0.207						3		5.1822		0.098		0.1693			
15	Wed	0.214		2.8		5.0003		3.3		5.8932		0.158		0.2822			
16	Thu	0.209		1.6		2.7906						0.267		0.4657			
17	Fri	0.207		3		5.1822											
18	Sat	0.197	0.2069		2.4667		4.3244		2.9667		5.1889		0.1678		0.2932		
19	Sun	0.196															
20	Mon	0.2						3.9		6.5091		0.147		0.2453			
21	Tue	0.245						4		8.1781		0.103		0.2106			
22	Wed	0.217		2		3.6217		5		9.0543		0.546		0.9887			
23	Thu	0.192		2.6		4.1658											
24	Fri	0.178		2.9		4.3077											
25	Sat	0.184	0.2017		2.5		4.0317		4.3		7.9138		0.2653		0.4816		
26	Sun	0.198															
27	Mon	0.193						7.3		11.757		0.0014		0.0023			
28	Tue	0.191						29.2		46.542		0.289		0.4606			
29	Wed	0.198		6.3		10.41		10.3		17.019		0.0014		0.0023			
30	Thu	0.197	0.1954	9.4	7.85	15.453	12.931	10	14.2	16.44	22.939		0.0973		0.1551		
Avg		0.2126		3.0		5.3469		6.4		10.988		0.1491		0.2676			
Max		0.257	0.2427	9.4	7.85	15.453	12.931	29.2	14.2	46.542	22.939	0.546	0.3833	0.9887	0.7888		
Min		0.178	0.1954	1.5	1.7333	2.7906	3.4148	2	2.5	3.9255	5.0134	0.0014	0.06	0.0023	0.1217		
Data		30	5	14	5	14	5	14	5	14	5	14	5	14	5	0	0

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 6.378
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			
Tertiary Treatment	NA	NA			Percent Capacity
Overall Treatment	97.3	92.7	99.4	NA	(actual flow/design) 23%

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

State Form 53463 (R6 / 3-20)

Name of Facility	Permit Number	For Month Of:	Year
North Judson WWT	IN0020877	November	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 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		9												
3														
4														
5														
6														
7														
8		29.2												
9														
10														
11														
12														
13														
14														
15														
16		43.3												
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28		13.7												
29														
30														
Avg.		23.8												
Max.		43.3												
Min.		9												
Data	0	4	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