



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

State Form 53463 (R6 / 3-20)

Name of Facility			Permit Number		
			0 IN0020508		
Month	Year	Plant Design Flow	Telephone Number		
November	2022	2.2 mgd	812-786-6594		
E-mail address: rwheeler24@yahoo.com				001	A
Certified Operator: Name		Class	Certificate Number	Expiration Date	
Tim Crawford		IV	WW013156	6/30/2025	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE							
				3.8			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	Tue			0					0.474	7.6	169	668.08	169	668.08	6.58	37.3	
2	Wed			0					0.394	7.4	187	614.47	137	450.18	6.4	36.4	
3	Thu			0					0.541	7.5	165	744.47	252	1137	7.02	35.4	
4	Fri			0					0.371	7.4							
5	Sat			0					0.396								
6	Sun			0					0.513		208	889.91	296	1266.4	6.71	32.7	
7	Mon			0					0.407	7.4	195	661.9	320	1086.2	6.51	33	
8	Tue			0					0.417	7.4	184	639.91	144	500.8	6.53	29.7	
9	Wed			0					0.422	7.3	175	615.91	248	872.83	6.58	35.5	
10	Thu			1.5					0.76	7.4	130	823.99	157	995.13	6.39	36	
11	Fri			0					0.71	7.5							
12	Sat			0					0.622								
13	Sun			0					0.584		142	691.62	109	530.89	4.93	24.3	
14	Mon			0					0.493	7.7	160	657.86	128	526.29	7.2	26	
15	Tue			0					0.512	7.8	188	802.78	488	2083.8	6.24	30.7	
16	Wed			0					0.507	7.5	174	735.74	120	507.41	6.76	23.1	
17	Thu			0					0.537	7.6	168	752.4	206	922.59	6.78	33.7	
18	Fri			0					0.493	7.7							
19	Sat			0					0.463								
20	Sun			0					0.483		227	914.41	316	1272.9	6.65	25.3	
21	Mon			0					0.512	7.8	224	956.5	151	644.78	6.58	29.9	
22	Tue			0					0.48	7.7	249	996.8	154	616.49	6.83	27.8	
23	Wed			0					0.508	7.6	212	898.18	96	406.73	7.05	27.8	
24	Thu			0					0.478	8.2	176	701.63	217	865.07	6.62	27.8	
25	Fri			0					0.405	7.9							
26	Sat			0.8					0.601								
27	Sun			0					0.436		107	389.08	46	167.27	3.76	18.5	
28	Mon			0					0.939	7.6	144	1127.7	183	1433.1	5.22	26.2	
29	Tue			1.5					1.151	7.6	77	739.15	63	604.76	3.51	18	
30	Wed			0					0.79	7.7	86	566.62	34	224.01	3.42	17.4	
Average									0.5466		170	754.05	183	808.31	6.103	28.75	
Maximum				1.5					1.151	8.2	249	1127.7	488	2083.8	7.2	37.3	
Minimum									0.371	7.3	77	389.08	34	167.27	3.42	17.4	
No. of Data				30	0	0	0	0	0	30	22	22	22	22	22	22	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):	Date (month, day, year)
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement)	Date (month, day, year)

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

State Form 53463 (R6 / 3-20)

Name of Facility 0	Permit Number IN0020508	For Month Of: November	Year 2022
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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			87	6867	127	0.3		1.954	8727					3.1	7.8			1.49
2			90	7648	118	4.9		1.872	10817					2	7.9			1.53
3			92	7429	124	4.6		2.437	9718					1	7.8			1.65
4			92	7787	118	4.8		1.746	9412					1	7.7			
5								2.118										
6								2.078										1.75
7			92	7959	116	4.0		1.974	9715					1	7.7			1.69
8			86	7103	121	2.5		1.99	7831					2	7.8			1.55
9			89	6357	140	2.9		2.201	7810					5.2	7.6			1.04
10			81	6269	129	2.3		2.079	7873					2	7.7			0.792
11			40	3690	108	0.6		2.049	8900					64.4	7.5			
12								1.888										0.339
13								1.953										0.361
14			91	7345	124	6.9		1.957	9904					1	7.7			0.33
15			96	9567	100	0.2		2.015	9096					1	7.8			0.355
16			92	7466	123	6.9		2.01	9700					1	7.6			0.349
17			93	6956	134	7.0		2.045	7271					3.1	7.9			0.394
18			91	6539	139	3.2		2.028	9304					2	7.6			
19								1.929										
20								1.826										0.446
21			94	7358	128	7.5		2.091	9686					1	7.7			0.454
22			92	6308	146	3.6		2.155	8882					1	7.6			0.563
23			90	6539	138	1.5		2.204	8561					6.1	7.9			0.581
24			91	7857	116	7.2		1.98	8390					1	7.7			0.574
25			93	7643	122	5.5		1.977	9511					1	7.8			
26								2.059										
27								2.012										0.813
28			92	7033	131	5.6		2.072	10342					2	7.7			0.732
29			91	7313	124	5.1		2.048	10335					13.4	7.8			0.738
30			89	6329	141	1.3		1.763	9618					214.2	7.8			1.06
Avg.			88	7062	126	4.0		2.017	9155					3				0.9
Max.			96	9567	145.85	7.48		2.437	10817					214.2	7.9			1.75
Min.			40	3690	100.34	0.23		1.746	7271					1	7.5			0.33
Daily Max														214				
# of Days above 235														0				
Data	0	0	22	22	22	22	0	30	22	0	0	0	0	22	22	0		23

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

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	0 IN0020508	November	2022

		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	Tue	0.471		3		11.791		2		7.861		0.29		1.1398			
2	Wed	0.409		2		6.8262		1		3.4131		0.084		0.2867			
3	Thu	0.525		2		8.7623		1		4.3811		0.024		0.1051			
4	Fri	0.341															
5	Sat	0.419	0.5131		2.2		10.239		2		10.338		0.2326		1.2158		
6	Sun	0.46		2		7.6774		1		3.8387		0.022		0.0845			
7	Mon	0.396		2		6.6092		2		6.6092		0.02		0.0661			
8	Tue	0.385		2		6.4257		1		3.2128		0.015		0.0482			
9	Wed	0.475		2		7.9278		2		7.9278		0.132		0.5232			
10	Thu	0.687		1		5.733		1		5.733		0.504		2.8894			
11	Fri	0.72															
12	Sat	0.62	0.5347		1.8		6.8746		1.4		5.4643		0.1386		0.7223		
13	Sun	0.546		1		4.5564		1		4.5564		0.03		0.1367			
14	Mon	0.497		1		4.1475		1		4.1475		0.128		0.5309			
15	Tue	0.49		1		4.0891		1		4.0891		0.057		0.2331			
16	Wed	0.516		1		4.306		1		4.306		0.015		0.0646			
17	Thu	0.506		1		4.2226		1		4.2226		0.015		0.0633			
18	Fri	0.469															
19	Sat	0.449	0.4961		1		4.2643		1		4.2643		0.049		0.2057		
20	Sun	0.503		1		4.1975		2		8.3951		0.015		0.063			
21	Mon	0.461		1		3.847		1		3.847		0.037		0.1423			
22	Tue	0.492		1		4.1057		1		4.1057		0.098		0.4024			
23	Wed	0.521		1		4.3477		2		8.6955		0.11		0.4783			
24	Thu	0.469		1		3.9138		1		3.9138		0.015		0.0587			
25	Fri	0.422															
26	Sat	0.581	0.4927		1		4.0824		1.4		5.7914		0.055		0.2289		
27	Sun	0.38		1		3.1711		5		15.856		0.015		0.0476			
28	Mon	0.966		1		8.0613		1		8.0613		0.015		0.1209			
29	Tue	1.163		1		9.7052		1		9.7052		0.015		0.1456			
30	Wed	0.714	0.724	1	1	5.9583	6.724	6	2.8	35.75	14.991	0.076	0.0272	0.4528	0.1701		
Avg		0.5351		1.4		5.9265		1.6		7.3922		0.0787		0.3674			
Max		1.163	0.724	3	2.2	11.791	10.239	6	2.8	35.75	14.991	0.504	0.2326	2.8894	1.2158		
Min		0.341	0.4927	1	1	3.1711	4.0824	1	1	3.2128	4.2643	0.015	0.0272	0.0476	0.1701		
Data		30	5	22	5	22	5	22	5	22	5	22	5	22	5	0	0

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 16.053
Primary Treatment	NA	NA			
Secondary Treatment	NA	NA			
Tertiary Treatment	NA	NA			Percent Capacity
Overall Treatment	99.2	99.1	99.7	86.1	(actual flow/design) 24%
Phosphorus limit would be 1 mg/l. (compliance achieved)					

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Name of Facility	Permit Number	For Month Of:	Year
0	IN0020508	November	2022

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		0												
2		10												
3		16												
4		29												
5		13												
6		20												
7		21												
8		25												
9		15												
10		19												
11		0												
12		0												
13		0												
14		10												
15		6												
16		15												
17		6												
18		7												
19		0												
20		0												
21		7												
22		0												
23		0												
24		0												
25		13												
26		0												
27		11												
28		0												
29		6												
30		0												
Avg.		8.3												
Max.		29												
Min.		0												
Data	0	30	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