

Sandy Copy

Date	Rain	Inf. Flow MGD	Eff. Flow MGD	Eff. Flow Min	Eff. Flow Max	Bypass Flow MGD	Hours Plant Bypass	5 Day		% Removal Rate	Sus.		Solids		% Removal Rate	Temp * C		Sett	Solids		Disolved	Oxygen		pH		Final Effluent			INF.
								Raw Inf.	Final Eff.		Raw Inf.	Final Eff.	Raw Inf.	Final Eff.		Raw Inf.	Final Eff.		Raw Inf.	Final Eff.		Raw Inf.	Final Eff.	Raw Inf.	Final Eff.	Fecal Coliform	E COLI	Amm. Nitrogen	
1	0.20	0.424	0.520													14.9	12.7	14	0	3.9	8.1	7.7	7.8						
2	0.80	0.526	0.630																										
3	0.40	0.651	0.802																										
4	0.40	0.458	0.573													15.9	13.9	10	0	3.8	7.8	7.6	7.7						
5		0.447	0.542								320	3	99.06	16.3	13.9	12	0	3.9	7.7	7.7	7.5					59	0.250	37.8	
6	0.20	0.449	0.554					278.5	0.75	99.73	268	1	99.63	15.8	13.5	19	0	3.4	7.8	7.7	7.7					30	0.250	31.4	
7		0.411	0.519					301	1.08	99.64	304	2	99.34	13.7	12.4	18	0	3.6	8	7.6	7.6					25	0.250	28.1	
8		0.392	0.512											13.4	12.6	15	0	3.8	8.3	7.7	7.7								
9	0.40	0.469	0.588																										
10	1.50	1.278	1.518																										
11		0.637	0.783											14.9	13	11	0	4.7	8.4	7.7	7.7								
12		0.490	0.594								346	2	99.42	13.8	12.1	6	0	4.9	8.4	7.7	7.6					80	0.250	4.4	
13		0.464	0.586					240.75	0.49	99.80	344	3	99.13	14.7	11.9	13	0	4.6	8.7	7.6	7.6					14	0.250	4.69	
14		0.455	0.575					242.26	0.69	99.72	238	4	98.32	14.8	12.1	12	0	4.7	8.5	7.7	7.5					30	0.250	5.24	
15		0.447	0.562											14.6	12.2	10	0	4.4	8.5	7.7	7.8								
16		0.447	0.568																										
17	0.20	0.474	0.554																										
18		0.455	0.550											14.5	12.6	9	0	4.1	8.2	7.7	7.7								
19		0.428	0.560								274	3	98.91	13.3	11.2	6	0	4.2	8.4	7.7	7.5					6	0.250	27.3	
20		0.425	0.555					258	1.54	99.40	300	5	98.33	13.5	11.1	10	0	4.2	8.2	7.7	7.5					5	0.250	28.3	
21		0.442	0.551					277	1.44	99.48	288	3	98.96	12.7	10.5	13	0	4.8	8.5	7.7	7.4					12	0.250	27.7	
22		0.437	0.547											12.7	10.2	11	0	4.6	8.7	7.7	7.7								
23		0.449	0.539																										
24	0.40	0.439	0.554																										
25		0.424	0.613											12.4	10	8	0	4.1	8.3	7.6	7.7								
26	0.20	0.463	0.564								364	2	99.45	15.4	13.6	8	0	4.2	8.4	7.7	7.7					33	0.250	32.4	
27		0.439	0.537					292.5	0.82	99.72	376	1	99.73	15.4	13.6	11	0	4.5	8	7.7	7.6					8	0.250	28.8	
28		0.413	0.564					304	1.35	99.56	300	1	99.67	14.6	12.7	7	0	4.3	8.1	7.1	7.6					18	0.250	34.7	
29		0.445	0.563											14.1	12.4	10	0	4.1	8.3	7.7	7.8								
30		0.517	0.652																										
31		0.473	0.622																										
Total	4.70	15.168	18.951	0	0	0	0	2194.01	8.16	797.04	3722	30	1189.95	301	258	233.0	0.0	88.8	173.3	160.7	160.4	0	320	3.000	291				
Avg	0.47	0.489	0.611	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	274.25	1.02	99.63	310	3	99.19	14	12	11.1	0.0	4.2	8.3	7.7	7.6	#NUM!	19	0.3	24				
Max.	1.50	1.278	1.518	0	0	0	0	304.00	1.54	99.80	376	5	99.73	16	14	19.0	0.0	4.9	8.7	7.7	7.8	0	80	0.250	38				
Min.	0.20	0.392	0.512	0	0	0	0	240.75	0.49	99.40	238	1	98.32	12	10	6.0	0.0	3.4	7.7	7.1	7.4	0	5	0.250	4				

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Remarks:

Operator: SANDY RENNER *Sandy Renner* 1/8/24

Certification # 2465.....

Date	MLSS		pH		30 Min. Sett.		Solids		SVI		Sludge Blanket	S.O.U.R. Test	% Vol. Sol. Reduction	% Sludge Cake	Dry Ton of Sludge	Disposal Method	Digester Temp*°C
	Digester	R. A. S.	Digester	R. A. S.	Digester	R. A. S.	Digester	R. A. S.	Digester	R. A. S.							
1																	
2																	
3																	
4																	
5		8290	3556		7.1	7.2		980.0	900.0		118.0	253.0					
6		7727	3671		7.1	7.2		980.0	905.0		127.0	247.0					
7		7260	3693		7.3	7.3		980.0	890.0		135.0	241.0					
8																	
9																	
10																	
11																	
12		10015	3188		6.9	7.2		990.0	870.0		99.0	273.0					
13		6654	3429		7.1	7.1		980.0	900.0		147.0	262.0					
14		5449	3521		7.3	7.2		990.0	920.0		182.0	261.0					
15																	
16																	
17																	
18																	
19		5422	3573		7.3	7.1		980.0	880.0		181.0	246.0					
20		5670	3553		7.1	6.9		970.0	870.0		171.0	249.0					
21		5469	3523		7.3	7.1		990.0	880.0		181.0	250.0					
22																	
23																	
24																	
25																	
26		5579	3758		7.4	7.3		980.0	890.0		176.0	237.0					
27		5946	3736		7.3	7.3		980.0	910.0		168.0	244.0					
28		5634	3802		7.4	7.2		970.0	880.0		172.0	231.0					
29																	
30																	
31																	
Total	0	79115	43003	0.0	86.6	86.1	0	11770	10695	0	1857	2994	0	0	0	0	0
Avg.	#DIV/0!	6.59E+03	3.58E+03	#DIV/0!	7.2	7.2	#DIV/0!	9.81E+02	8.91E+02	#DIV/0!	1.55E+02	2.50E+02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max.	0	10015	3802	0.0	7.4	7.3	0	990	920	0	182	273	0	0	0	0	0
Min.	0	5422	3188	0.0	6.9	6.9	0	970	870	0	99	231	0	0	0	0	0

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Remarks:

Operator: SANDY RENNER

Sandy Renner 1/18/24

Certification #2465.....