

Date	Rain	Inf. Flow MGD	Eff. Flow MGD	Eff. Flow Min	Eff. Flow Max	Bypass Flow MGD	Hours Plant Bypass	5 Day	CB.O.D.	% 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.	Raw Inf.	Final Eff.	Raw Inf.
1	0.10	1.076	1.359											12.4	11.7	7.5	0	6	9.3	7.7	7.6					
2	0.30	1.016	1.280																							
3		0.899	1.139																							
4	1.00	0.794	1.020											14.1	13.2	15	0	5.4	8.7	7.7	7.7					
5	0.40	0.782	1.016								202	2	99.01	14.5	14.4	12	0	5.2	8.6	7.7	7.6		37	0.250	19	
6	0.60	1.414	1.719					251.75	0.8	99.68	352	2	99.43	12.6	14.5	13	0	4.5	8.5	7.6	7.7		87	0.250	19.4	
7		1.364	1.700					152.293	0.97	99.36	244	1	99.59	13.9	14.4	4	0	4.7	8.4	7.8	7.6		71	0.989	11.5	
8	0.40	1.036	1.317											13.8	14.1	8.5	0	4.4	8.7	7.7	7.7					
9	0.60	1.415	1.728																							
10		1.408	1.733																							
11	0.10	1.040	1.319											12.4	12.5	8	0	5.8	8.7	7.7	7.7					
12		0.907	1.145								166	2	98.80	13.1	12.7	12	0	5.1	8.6	7.7	7.6		16	0.255	24.8	
13		0.822	1.056					307	0.98	99.68	564	1	99.82	13.8	13	14	0	5.5	8.7	7.8	7.7		2	0.250	25	
14	0.10	0.811	1.047					272.865	1.39	99.49	376	3	99.20	13.7	13.6	10	0	4.4	8.5	7.7	7.6		13	0.287	22.1	
15	0.30	0.848	1.115											13.5	13.2	12	0	4.7	8.6	7.7	7.7					
16		0.761	1.017																							
17		0.748	1.001											14	13.8	7	0	5.1	8.2	7.7	7.7					
18		0.693	0.916											13.5	13.1	19	0	3.9	8.1	7.6	7.6		19	2.710	20.8	
19		0.664	0.899								410	1	99.76	13.5	12.8	28	0	4.1	8.5	7.7	7.8		31	2.830	24.8	
20		0.626	0.869					257.919	1.08	99.58	448	2	99.55	13.9	13.3	5	0	4.6	8.2	7.6	7.6		36	2.850	27.1	
21		0.588	0.830					279.75	1.96	99.30	314	1	99.68	14.1	13.5	7	0	4.8	8.1	7.7	7.5					
22	0.30	0.655	0.930																							
23	0.70	1.191	1.558																							
24		0.730	1.024																							
25		0.700	0.987											14.4	13.6	13	0	4.8	8.6	7.7	7.8					
26		0.780	1.061								314	1	99.68	14.7	14.3	9	0	4.9	7.8	7.8	7.7		9	4.220	23.3	
27	0.10	0.760	1.075					221.147	1.71	99.23				14.2	13.9	9	0	4.8	8.3	7.8	7.8			3.280	21.8	
28		0.654	0.935					205.432	2.17	98.94	246	1	99.59	14.8	14.5	8	0	4.7	8.1	7.8	7.7		21	2.580	24.5	
29		0.598	0.869											14.6	13.8	11	0	4.3	8.2	7.7	7.7					
30		0.633	0.906																							
31		0.556	0.830																							
Total	5.00	26.969	35.400	0	0	0	0	1948.16	11.06	795.27	3636	17	1094.12	289	284	232.0	0.0	101.7	177.4	161.9	161.1	0	342	20.751	264	
Avg	0.38	0.870	1.142	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	243.52	1.38	99.43	331	2	99.53	14	14	11.0	0.0	4.8	8.4	7.7	7.7	#NUM!	21	1.7	22	
Max.	1.00	1.415	1.733	0	0	0	0	307.00	2.17	99.68	564	3	99.82	15	15	28.0	0.0	6.0	9.3	7.8	7.8	0	87	4.220	27	
Min.	0.10	0.556	0.830	0	0	0	0	152.29	0.80	98.94	166	1	98.80	12	12	4.0	0.0	3.9	7.8	7.6	7.5	0	2	0.250	12	

**RECEIVED**  
APR 08 2024  
JOHNSON CITY  
ENV. FIELD OFFICE

Operator: SANDY RENNER *Sandy Renner 4/3/24*

Remarks:

Certification # 2465.....

LBS. Eff. B.O.D.	LBS. Eff. Sus.Sol.	LBS. Inf. B.O.D.	LBS. Inf. Sus.Sol.	LBS. Amm. Nitrogi
	16.95		1317.42	2.12
11.47	28.67	2968.83	4151.05	3.58
13.75	14.18	1731.81	2774.67	14.02
	19.10		1255.69	2.44
8.63	8.81	2104.63	3866.49	2.20
12.14	26.20	1845.59	2543.17	2.51
	7.50		2270.48	20.32
7.83	14.49	1346.55	2338.94	20.51
13.57	6.92	1371.87	1539.83	19.73
	8.85		2042.63	37.34
15.33	0.00	1401.72	0.00	29.41
16.92	7.80	1120.50	1341.77	20.12
99.64	159.46	13891.50	25442.14	174.29
12	13	1736	2120	15
17	29	2969	4151	37
8	0	1121	0	2

Remarks:

Operator: SANDY RENNER *Sandy Renner 4/3/24*

Certification # 2465.....

Date	Digester	MLSS		Digester	pH		30 Min. Sett.	Solids		Digester	SVI		Sludge Blanket	S.O.U.R. Test	% Vol.Sol. Reduction	% Sludge Cake	Dry Ton of Sludge	Disposal Method	Digester Temp*°C
		R. A. S.	Oxidation Ditch		R. A. S.	Oxidation Ditch		R. A. S.	Oxidation Ditch		R. A. S.	Oxidation Ditch							
1																			
2																			
3																			
4																			
5		5367	3600		7.3	7.3	980.0	900.0		183.0	250.0								
6		5481	3638		7.3	7.3	975.0	890.0		178.0	245.0								
7		7022	3231		7.3	7.3	980.0	890.0		140.0	275.0								
8																			
9																			
10																			
11																			
12		5832	3310		7.2	7.3	980.0	880.0		168.0	266.0								
13		5798	3690		7.4	7.4	980.0	900.0		169.0	244.0								
14		5721	3793		7.3	7.3	980.0	880.0		171.0	232.0								
15																			
16																			
17																			
18																			
19		5413	3941		7.2	7.2	980.0	870.0		181.0	221.0								
20		5599	3967		7.4	7.3	970.0	900.0		175.0	227.0								
21		5545	3961		7.4	7.4	980.0	900.0		177.0	227.0								
22																			
23																			
24																			
25																			
26		5867	4171		7.3	7.4	980.0	930.0		167.0	223.0								
27																			
28		5961	4123		7.4	7.4	980.0	900.0		164.0	218.0								
29																			
30																			
31																			
<b>Total</b>	0	63606	41425	0.0	80.5	80.6	0	10765	9840	0	1873	2628	0	0	0	0	0	0	0
<b>Avg.</b>	#DIV/0!	5.78E+03	3.77E+03	#DIV/0!	7.3	7.3	#DIV/0!	9.79E+02	8.95E+02	#DIV/0!	1.70E+02	2.39E+02	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
<b>Max.</b>	0	7022	4171	0.0	7.4	7.4	0	980	930	0	183	275	0	0	0	0	0	0	0
<b>Min.</b>	0	5367	3231	0.0	7.2	7.2	0	970	870	0	140	218	0	0	0	0	0	0	0

Remarks:

Operator: SANDY RENNER *Sandy Renner* 4/3/24

Certification # .....2465.....