

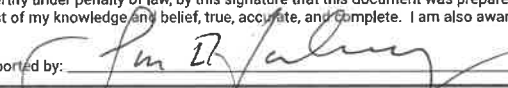


Brown County Water Treatment Plant- 5207001

June 2024

Monthly Report of Operation - INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

DATE	Site Wide Data Filter Runtime (Hrs)	High Svc Pumps Total Flow (kGa)	Analyzers Water Temp - Pre (degC)	Fluoridation Sodium Fluoride Added (Lbs)	Raw Water				Caustic Total Caustic Used (Lbs)	Chlorine Total Total Chlorine (Lbs)	Finished Water									
					Raw Water						WTP								Distribution (Office)	
					Fe (mg/L)	Mn (mg/L)	pH	Tot. Hardness (mg/L)			Fe (mg/L)	Mn (mg/L)	Tot. Hardness (mg/L)	pH	Total Cl (mg/L)	Free Cl (mg/L)	FI (mg/L)	Total Cl (mg/L)	Free Cl (mg/L)	
1	20.41	1,127.8	14.7	-	-	-	-	-	2,573.1	82	0.03	0.042	207	7.76	1.52	1.24	0.56	0.91	0.78	
2	17.56	1,180.6	15.1	-	-	-	-	-	2,058.5	57	0.03	0.040	206	7.83	1.35	1.19	0.40	1.29	1.07	
3	18.49	1,253.3	15.0	50	5.72	0.651	7.44	347.00	1,800.2	69	0.02	0.025	182	7.63	1.70	1.11	0.62	0.91	0.88	
4	20.04	1,206.6	15.2	-	2.70	0.178	7.73	285.00	2,831.5	108	0.01	0.023	150	7.55	1.89	1.60	0.68	1.14	0.83	
5	16.11	1,000.0	15.2	-	-	-	-	-	2,314.8	58	0.01	0.021	152	7.51	1.92	1.46	0.78	1.15	0.87	
6	18.33	1,139.9	15.0	-	-	-	-	-	771.0	85	0.00	0.028	158	7.67	1.43	0.95	0.67	1.08	0.90	
7	18.36	1,156.9	14.8	-	-	-	-	-	2,058.5	124	0.02	0.018	174	7.74	1.13	0.74	0.59	1.39	1.14	
8	16.48	1,279.3	15.1	-	-	-	-	-	2,316.8	28	0.02	0.013	182	7.92	1.75	1.32	0.57	0.95	0.83	
9	15.03	1,038.6	15.3	-	-	-	-	-	1,541.9	66	0.04	0.021	175	7.92	1.85	1.39	1.64	0.92	0.81	
10	18.53	1,386.2	15.4	50	4.39	0.198	7.43	348.00	3,087.8	87	0.03	0.018	173	7.60	1.99	1.45	0.39	0.68	0.50	
11	20.52	1,121.2	14.4	-	-	-	-	-	2,573.1	75	0.01	0.018	176	7.61	1.68	1.20	0.49	1.17	1.10	
12	18.34	1,232.8	14.8	-	-	-	-	-	2,573.1	-56	0.00	0.023	183	7.78	1.57	1.13	0.74	1.40	1.14	
13	19.00	1,231.2	14.9	-	5.24	0.155	7.46	343.00	2,316.8	280	0.03	0.022	187	7.65	1.17	0.77	0.74	1.21	1.01	
14	23.48	1,432.7	15.1	-	-	-	-	-	3,344.1	103	0.03	0.024	182	7.66	1.53	1.10	0.56	1.23	1.14	
15	21.27	1,328.3	15.1	-	-	-	-	-	2,831.5	50	0.02	0.017	173	7.95	2.21	1.63	0.35	1.16	0.88	
16	23.14	1,353.1	14.7	-	-	-	-	-	2,058.5	84	0.02	0.034	158	7.89	2.15	1.66	0.11	1.37	1.00	
17	19.29	1,341.4	15.2	50	3.95	0.180	7.47	348.00	2,573.1	68	0.01	0.019	167	7.83	1.87	1.35	0.19	1.55	1.36	
18	23.45	1,351.0	15.5	-	4.07	0.194	7.69	358.00	3,344.1	91	0.01	0.024	179	7.62	1.66	1.23	0.43	1.52	1.27	
19	21.04	1,313.2	15.6	-	4.43	0.167	7.53	332.00	2,573.1	77	0.02	0.017	176	7.63	1.72	1.21	0.69	1.39	1.15	
20	22.24	1,274.4	15.2	-	-	-	-	-	3,087.8	109	0.01	0.018	176	7.53	1.40	0.97	0.65	1.12	1.08	
21	18.14	1,294.0	15.3	-	4.37	0.181	7.75	333.00	2,058.5	80	0.00	0.024	178	7.67	2.00	1.55	0.42	0.88	0.79	
22	20.55	1,454.5	15.6	-	-	-	-	-	2,316.8	77	0.01	0.025	168	7.72	1.81	1.68	0.41	1.02	0.88	
23	24.56	1,389.5	15.8	-	-	-	-	-	2,056.5	61	0.01	0.020	162	7.88	2.12	1.70	0.15	1.13	1.02	
24	20.30	1,340.1	15.2	50	3.77	0.156	7.59	285.00	2,573.2	65	0.01	0.014	165	7.56	2.00	1.51	0.30	1.10	0.97	
25	19.34	1,324.4	15.5	-	4.54	0.175	7.72	303.00	2,573.1	86	0.03	0.013	162	7.84	2.10	1.70	0.78	1.47	1.37	
26	17.00	1,302.6	15.5	-	4.96	0.155	7.51	332.00	2,316.8	90	0.01	0.018	168	7.82	1.93	1.40	0.69	0.95	0.73	
27	21.34	1,344.2	15.2	-	4.11	0.144	7.32	340.00	3,344.1	104	0.01	0.005	179	7.60	1.22	0.88	0.73	1.54	1.29	
28	23.42	1,484.3	15.9	-	4.44	0.171	7.27	332.00	2,058.5	78	0.03	0.010	180	7.48	1.57	1.13	0.65	1.29	1.00	
29	24.01	1,532.0	16.1	-	-	-	-	-	3,087.8	99	0.01	0.021	181	7.68	1.52	1.10	0.73	0.92	0.70	
30	24.28	1,393.3	15.3	-	-	-	-	-	3,087.7	101	0.03	0.030	184	7.72	1.46	1.03	0.74	0.82	0.68	
Total	604.05	38,607.3		200					74,102.3	2,486										
Max	24.56	1,532.0	16.1	50	5.72	0.651	7.75	358.00	3,344.1	280	0.04	0.042	207	7.95	2.21	1.70	1.64	1.55	1.37	
Min	15.03	1,000.0	14.4	50	2.70	0.144	7.27	285.00	771.0	-56	0.00	0.005	150	7.48	1.13	0.74	0.11	0.68	0.50	
Avg	20.13	1,286.9	15.2	50	4.36	0.208	7.53	329.69	2,470.1	83	0.02	0.022	175	7.71	1.71	1.28	0.58	1.16	0.97	

Site Wide Data	High Svc Pumps	Fluoridation	Chlorine Total	
Phone Number: 812-929-0207	Phone Number: 812-929-0207	Type of FI Used: Not Set FI Conc. %: 1.8% FI Test Method: Not Set	Type of CI Used: Gas CI Conc. %: 100% CI Test Method:	I certify under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am also aware that there are significant penalties for submitting false information. Reported by:  Cert or Reg Number: DS140080, WT130040