



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Bristol Water Department PWSID Number 5220003

For the Month of June Year 2024 IDEM Field Rep. Megan Wright

Signed Tim McCandless Title Superintendent

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.*

Certification Number WT150201 - DS190036

PHYSICAL AND CHEMICAL DATA *

Date	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Phosphate	Fluoride
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Finished	Finished
1													1.17	
2													1.13	
3													1.29	
4								140.00		0.03			1.74	
5													1.36	
6													1.40	
7													0.90	
8													1.73	
9													1.17	
10													1.11	
11													1.34	
12													1.29	
13													2.29	
14													1.07	
15													1.20	
16													1.72	
17													1.64	
18													1.24	
19													1.51	
20													1.29	
21													1.21	
22													1.29	
23													1.30	
24													1.48	
25													1.13	
26													1.72	
27													1.06	
28													1.18	
29													1.48	
30													1.73	
31														

* All parameters are to be expressed in mg/l except pH and turbidity.

DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

Date	Water Treated 1000 gallons	Chemicals Used – Pounds								Filters		Chlorine Residual				Remarks	
		Salt	Alum	Lime	Soda Ash	Carbon	Chlorine	Phosphate	Fluoride	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D. S.			
												Free	Total	Free	Total		
1	3.704						0.03	0.04				0.95	1.35	0.79	0.81		
2	3.704						0.02	0.03				0.89	1.43	0.74	0.79		
3	3.430						0.02	0.04				0.72	1.09	0.82	0.86		
4	3.391						0.02	0.05				0.73	1.03	0.73	0.76		
5	12.240						0.07	0.14				0.67	1.13	0.63	0.65		
6	2.604						0.02	0.03				0.88	1.13	0.81	0.85		
7	2.604						0.01	0.02				0.73	1.02	0.63	0.65		
8	2.604						0.02	0.04				0.53	1.15	0.64	0.72		
9	2.604						0.02	0.03				0.61	0.97	0.69	0.70		
10	3.871						0.02	0.04				0.46	0.82	0.58	0.59		
11	77.389						0.32	0.86				0.56	1.04	0.49	0.53		
12	3.470						0.02	0.04				0.40	0.89	0.58	0.63		
13	1.703						0.01	0.03				0.37	0.98	0.60	0.64		
14	5.342						0.01	0.05				0.61	1.35	0.27	0.27		
15	5.342						0.03	0.05				0.54	1.10	0.62	0.62		
16	5.342						0.03	0.08				0.56	1.19	0.67	0.70		
17	3.524						0.02	0.05				0.52	0.93	0.73	0.77		
18	2.213						0.01	0.02				0.44	0.91	0.71	0.73		
19	4.288						0.02	0.05				0.40	1.04	0.48	0.49		
20	3.275						0.01	0.04				0.54	0.89	0.48	0.51		
21	4.011						0.02	0.04				0.66	1.36	0.61	0.62	Monthly Water Treatment	
22	4.011						0.02	0.04				0.63	1.23	0.71	0.71	Total Gallons 186,390	
23	4.011						0.03	0.04				0.62	1.37	0.74	0.79	Max. Day 77,389	
24	2.540						0.02	0.03				0.71	0.93	0.72	0.75	Min. Day 1,304	
25	3.831						0.02	0.04				0.58	1.01	0.58	0.60	Avg. Daily 6,213	
26	5.006						0.03	0.07				0.55	1.01	0.57	0.61	E-Mail To: DWBMRO@idem.in.gov	
27	1.304						0.01	0.01				0.39	0.93	0.46	0.46		
28	3.011						0.01	0.03				0.40	1.34	0.51	0.53	Mail To: Indiana Department of Environmental Management	
29	3.011						0.02	0.04				0.41	1.09	0.57	0.63	Drinking Water Branch	
30	3.011						0.01	0.04				0.50	1.17	0.52	0.54	100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	
31																	