


MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

Report for Town of Brook Water Works Name

for the Month of MAY, 2024

I.D.E.M. Field Rep. Sara Benkert

Signed 

Title Operator

Public Water Supply I.D. No. IN5256002

Certification Number WT180092 DS180091

"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."

PHYSICAL AND CHEMICAL DATA *

Date	Iron		Phosphate		Phosphate		Ammonia		Ammonia		Ammonia				
	Dist	Finished	Entry1	Finished	Entry2	Finished	Well1	Raw	Well2	Raw	Well3	Raw			
1		1.26		1.15		1.63		1.09		.865		.753			
2		.61		2.00		1.40									
3		.64		2.15		1.38									
4		.85		1.52		1.56									
5		.56		1.61											
6		.94		.759											
7		.86		1.88		.477									
8		.88		.917		1.55		1.01		.849		.757			
9		1.00		2.32		2.09									
10		.72		1.41		1.09									
11		.83		1.58		1.57									
12		.66		1.12		.692									
13		.81		1.68		1.02									
14		.79		1.72		1.37									
15		.86		1.91		.447									
16		.83		1.66		.465									
17		.78		2.21		.528		1.10		.896		.794			
18		.82		1.89		.532									
19		.45		1.80		1.21									
20		.70		2.36		1.57									
21		1.94		1.61		.404									
22		.46		1.77		1.47									
23		.79		1.72		1.08									
24		.83		.381		1.00		1.08		.783		.773			
25		.69		1.43		1.01									
26		.43		2.00		.846									
27		.60		1.48		.437									
28		.65		1.94		1.10									
29		.62		1.82		1.30									
30		.77		1.69		1.17		1.11		.747		.743			
31		.90		1.68		1.30									

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

Date	Water Treated 1000 gallons	Chemicals Used								Chloramine		Chloramine			Remarks		
		Chlorine Entry1	Chlorine Entry2	Phosphate Entry1	Phosphate Entry2					Total Entry 1	Total Entry 2	Distribution					
												Total	Combin	Free			
1	187	.7	3.8	2.0	11.9					1.65	1.98	2.44		2.49	-0.36		
2	68	2.2	.4	6.6	.7					1.58	1.74	1.70					
3	132	2.0	1.9	2.0	6.0					2.65	2.03	1.90					
4	73	.2	1.5	1.1	5.2					1.86	2.22	2.04				WELL #3/ENTRY #2 OUT	
5	70	2.1	0	5.8	0					1.09		1.64				OF SERVICE 5 TH AND 6 TH	
6	258	5.8	3.8	1.2	10.4					1.68		2.76				DUE TO LIGHTNING	
7	70	0.2	2.0	.2	4.7					2.93	2.11	1.76				STRIKE / DAMAGE TO VFD	
8	214	3.1	3.7	7.5	10.4					1.74	1.91	1.53		1.84	-0.33		
9	41	.1	.4	.2	2.8					2.10	1.54	2.01					
10	186	2.7	1.1	8.9	7.6					1.41	2.02	1.88					
11	69	.1	1.4	.4	4.7					1.91	1.85	1.22					
12	74	.1	1.6	.1	4.9					1.68	2.08	1.85					
13	228	1.0	4.2	4.6	13.9					1.89	2.21	2.19					
14	47	.1	.9	.4	2.9					1.16	2.14	1.87					
15	160	2	2.5	5.4	7.8					1.85	2.02	1.71		2.13	-0.30		
16	67	3.1	.2	6.9	.3					2.27	2.18	3.16					
17	204	.7	4.1	1.6	13.6					2.60	2.19	3.01					
18	66	0	1.5	0	4.7					2.02	1.96	2.11					
19	100	0	2.3	0	7.1					3.11	2.20	1.13					
20	175	2.5	2.7	6.1	2.6					2.44	2.16	2.02					
21	73	.3	1.6	1.0	2.4					2.69	2.23	2.31				Monthly Water Treatment	
22	150	2.2	2.3	5.8	7.4					2.39	2.36	2.13		1.71	-0.32	Total Gallons	3,804,000
23	78	1.3	.9	4.0	2.8					2.28	2.18	2.56				Max. Day	258,000
24	164	.2	3.8	.3	12.2					1.85	2.13	2.11				Min. Day	41,000
25	74	.2	1.5	.6	5.1					1.84	1.95	1.88				Avg. Daily	122,710
26	64	1.0	.8	2.7	2.8					2.19	2.08	1.24					
27	193	1.4	3.5	5.1	10.8					1.81	2.15	1.95					
28	83	.1	1.8	.8	5.8					1.95	2.11	1.92					
29	71	.9	.8	3.5	2.8					1.62	1.94	1.80		1.80	-0.09	Mail To:	
30	143	1.1	3.0	3.7	8.4					1.72	1.95	2.08				Department of Environmental Management	
31	222	.4	5.2	.7	15.9					1.49	1.64	1.86				Drinking Water Branch -MC 66-34	
																100 N. Senate Ave.	
																Indianapolis, IN 46204-2551	