

**MONTHLY REPORT OF OPERATION  
WATER TREATMENT PLANT**

State Form 34609 (R5 / 3-99)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Report for Waterloo Water Works  
Water Works Name

for the Month of Jun-24

I.D.E.M. Field Rep. Judson T. Baker

Public Water Supply I.D. No. 5217007

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, and complete. I am also aware that there are significant penalties for submitting false information

Title Superintendent

Signed Dan Hjelm

Certification Number WT043835

**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									0.62	0				
2									0.76	0				
3									0.68	0				
4									0.67	0				
5									1.28	0				
6									1.28	0				
7									1.31	0				
8									0.67	0				
9									0.62	0				
10									0.67	0				
11									1.13	0				
12									1.27	0				
13									0.72	0				
14									0.79	0				
15									0.96	0				
16									0.7	0				
17									0.67	0				
18									1.29	0				
19									0.65	0				
20									0.58	0				
21									0.3	0				
22									0.81	0				
23									0.8	0				
24									0.61	0				
25									0.6	0				
26									2.78	0				
27									1.22	0				
28									1.1	0				
29									1.15	0				
30									0.84	0				
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	Fluoride	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.					
												Free	Total	Free	Total				
1	144						2.0			9.0		0.79	0.78	0.72	0.71				
2	148						2.0			9.0		0.72	0.74	0.74	0.44				
3	175						3.0			11	19	0.75	0.70	0.66	0.69				
4	167						3.0			11.0		0.68	0.7	0.63	0.65				
5	190						2.0			13		1.13	1.02	1.04	0.87				
6	202						2.0			13.0		0.97	0.99	0.88	0.96				
7	141						2.0			9.0		0.98	0.90	0.76	0.52				
8	143						1.0			10.0		0.78	0.84	0.76	0.76				
9	158						3.0			10.0		0.79	0.84	0.68	0.77				
10	169						2.0			10.0	20	0.79	0.83	0.73	0.63				
11	227						2.0			15.0		0.97	0.94	0.70	0.74				
12	168						3.0			11.0		0.95	0.99	0.64	0.65				
13	152						2.0			10.0		0.70	0.84	0.66	0.7				
14	158						2.0			10.0		0.67	0.74	0.58	0.63				
15	154						1.0			10		0.59	0.64	0.44	0.47				
16	168						3.0			11		0.57	0.62	0.29	0.41				
17	183						2.0			12.0	18	0.59	0.61	0.42	0.53				
18	172						2.0			11		0.51	0.61	0.56	0.59				
19	197						2.0			13.0		0.55	0.54	0.42	0.54				
20	208						3.0			14		0.37	0.41	0.3	0.40				
21	183						2.0			11.0		0.61	0.64	0.73	0.65	Monthly Water Treatment			
22	161						2.0			11.0		0.53	0.53	0.43	0.57	Total Gallons	5,163.000		
23	159						1.0			11		0.55	0.58	0.53	0.59	Max. Day	227.000		
24	186						3.0			12.0	18	0.52	0.55	0.52	0.53	Min. Day	140.000		
25	167						1.0			10.0		0.59	0.59	0.56	0.58	Avg. Daily	172.100		
26	171						2.0			11.0		0.89	0.98	0.91	0.89				
27	208						2.0			14.0		0.91	0.90	0.78	0.88				
28	166						2.0			11.0		0.94	0.89	0.85	0.89	Mail To: Department of Environmental Management Drinking Water Branch 66-34 100 N. Senate Ave. P.O. Box 6015 Indianapolis, IN 46206-6015			
29	198						3.0			12.0		0.87	0.84	0.78	0.85				
30	140						1.0			11		0.87	0.91	0.29	0.33				
31																			