

MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (FR6 / 3-04)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name City Of Auburn South Entry # 02

PWSID Number 5217001

For The Month Of June, 2024

IDEM Field Rep. Judson Baker

Signed 

Title Treatment Super / Distribution Sup

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 080092 110056

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									0.49	0.02				
2									0.56	0.03				
3									0.45	0.00				
4									0.52	0.01	0.063	0.00		
5									0.64	0.03				
6									0.59	0.01				
7									0.30	0.04				
8									0.60	0.02				
9									0.42	0.01	0.053	0.00		
10									0.42	0.00				
11									0.49	0.00				
12									0.41	0.01				
13									0.44	0.01				
14									0.39	0.02				
15									0.37	0.00				
16									0.50	0.01				
17									0.49	0.00	0.045	0.00		
18									0.37	0.00				
19									0.54	0.00				
20									0.52	0.00				
21									0.49	0.00				
22									0.58	0.00				
23									0.38	0.00	0.069	0.00		
24									0.44	0.02				
25									0.41	0.02				
26									0.41	0.01				
27									0.41	0.01				
28									0.40	0.00				
29									0.50	0.00				
30									0.49	0.10				
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	1,011.8						21			40	175.2	1.10	1.15	0.71	0.81		
2	1,030.5						18					1.19	1.55	0.91	1.11		
3	1,056.7						20					0.77	0.88	1.35	1.48		
4	1,132.8						14					1.63	1.68	0.79	0.82		
5	1,023.9						14			40	145.0	1.00	1.05	0.81	0.88		
6	757.3						14					0.91	0.95	0.65	0.71		
7	1,054.6						17					0.87	0.98	0.30	0.32		
8	881.2						9					0.89	0.95	0.55	0.61		
9	1,314.1						15			40	142.0	0.89	0.98	0.34	0.43		
10	722.2						12					0.89	0.98	0.34	0.43		
11	1,314.1						14					0.86	0.88	0.46	0.53		
12	982.9						18					0.78	0.8	0.58	0.65		
13	772.6						14			40	145.1	0.83	0.87	0.64	0.74		
14	2,082.2						30					0.57	0.90	0.55	0.61		
15	957.9						14					0.74	0.77	0.28	0.40		
16	1,190.2						15					0.69	0.89	0.39	0.40		
17	1,190.2						19			40	142.1	0.81	0.88	0.68	0.70		
18	1,228.8						16					1.12	1.19	0.70	0.74		
19	1,509.4						19					1.09	1.14	0.65	0.71		
20	1,207.7						21					1.05	1.11	0.41	0.49		
21	1,028.4						22			40	142.1	1.15	1.24	0.64	0.81	Monthly Water Treatment	
22	963.9						21					0.98	1.19	0.64	0.75	Total Gallons 32,758.600	
23	1,140.7						20					0.9	1.2	0.58	0.65	Max. Day 2,082.200	
24	1,198.4						20					0.81	0.94	0.8	0.81	Min. Day 718.900	
25	1,007.5						14			40	144.1	0.51	0.88	0.58	0.73	Avg. Daily 1,091.953	
26	1,121.8						15					0.95	0.97	0.67	0.73		
27	894.0						14					0.95	0.97	0.67	0.73		
28	1,287.5						25					0.78	0.87	0.39	0.46	Mail To: Department of Environmental Management Drinking Water Branch 66-34 100 North Senate Avenue P. O. Box 6015 Indianapolis, Indiana 46206-6015	
29	976.4						18					0.94	1.11	0.58	0.67		
30	718.9						12			40	143.5						
31																	