

Monthly Report of Operation Water Treatment Plant

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name: CUII - Water Service Co. **PWSID Number:** 5237002

For the Month of: June 2024 **IDEM Field Rep.** Sara Benkert

Signed:  **Title:** Certified Operator

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

Certification Number: 170105 / 170104

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													0.84	
2													0.86	
3													0.83	
4													1.02	
5													0.77	
6													0.77	
7									0.32				0.75	
8													0.72	
9													0.70	
10													0.83	
11													0.70	
12													0.71	
13									0.60				0.74	
14													0.88	
15													0.73	
16													0.66	
17													0.76	
18													0.82	
19													0.68	
20													0.79	
21									0.28				0.58	
22													0.74	
23													0.68	
24													0.86	
25													0.79	
26													0.87	
27													0.73	
28									0.17				0.64	
29													0.67	
30													0.63	
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	65.6					0.1		0.58			0.84	1.02	0.93	1.05		
2	63.3					0.1		0.69			0.84	1.01	0.90	1.03		
3	69.3					0.1		0.83			0.83	0.99	0.87	0.98		
4	56.4					0.2		0.71			0.78	0.83	0.82	1.00		
5	67.1					0.1		0.75			0.81	1.01	0.73	0.96		
6	72.1					0.1		0.04			0.95	1.16	1.12	1.23		
7	55.1					0.2		0.23			0.79	1.00	0.82	0.97		
8	84.6					0.1		0.58			0.71	0.86	0.83	0.96		
9	59.5					0.1		0.42			0.72	0.94	0.75	0.99		
10	63.3					0.1		0.58			0.73	0.80	0.71	0.89		
11	74.5					0.1		0.63			0.76	0.95	0.77	0.84		
12	76.0					0.1		0.85			0.92	1.06	0.62	0.80		
13	81.1					0.2		0.77			0.72	0.79	0.70	0.83		
14	68.6					0.1		0.71			0.72	0.83	0.90	1.03		
15	72.6					0.2		0.77			0.82	0.91	0.88	0.93		
16	77.5					0.1		0.81			0.86	1.01	0.83	0.95		
17	76.3					0.2		0.85			0.79	1.03	0.75	0.87		
18	76.6					0.2		0.81			0.78	0.98	0.83	0.95		
19	86.4					0.1		0.96			0.70	0.96	0.78	0.88		
20	70.9					0.2		0.27			0.88	1.13	1.02	1.02		
21	75.5					0.2		0.04			0.97	1.13	0.86	1.15	Monthly Water Treatment	
22	55.8					0.2		0.38			0.82	1.06	0.89	1.06	Total Gallons 2,043,552	
23	52.1					0.1		0.50			0.85	1.07	0.88	1.05	Max. Day 86,440	
24	66.7					0.2		0.90			0.95	1.06	0.91	1.03	Min. Day 44,578	
25	44.6					0.1		0.77			0.83	1.02	0.84	0.95	Avg. Day 68,118	
26	73.5					0.1		1.19			0.74	1.03	0.76	0.96		
27	55.3					0.1					0.74	0.94	0.78	0.86	Mail to:	
28	69.1					0.2		0.62			0.90	1.06	0.91	1.05	Department of Environmental Management	
29	67.4					0.1		0.63			0.88	1.00	0.77	1.06	Drinking Water Branch MC 66-34	
30	66.5					0.2		0.96			0.73	0.98	0.73	0.87	100 N. Senate Ave.	
															Indianapolis, IN 46204	