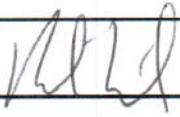


Monthly Report of Operation Water Treatment Plant

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name: CUII - Twin Lakes - Water Plant 1 **PWSID Number:** 5245046

For the Month of: June 2024 **IDEM Field Rep.** Fawn Patterson

Signed:  **Title:** Certified Operator

I certify **under penalty of law** by this signature that this document was **Certification Number:** 170105 / 170104
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.

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									2.65	0.00			0.76	
2									2.89	0.00			0.76	
3									2.85	0.00			0.77	
4									2.92	0.00			0.70	
8									2.75	0.01			0.63	
6									3.02	0.00			0.75	
7									2.93	0.02			0.83	
8									2.73	0.02			0.68	
9									2.70	0.00			0.76	
10									2.89	0.00			0.75	
11									2.81	0.02			0.67	
12									2.80	0.02			0.70	
13									2.90	0.00			0.76	
14									2.95	0.03			0.73	
15									3.23	0.00			0.78	
16									2.90	0.00			0.72	
17									2.94	0.01			0.76	
18									2.92	0.01			0.63	
19									2.92	0.02			0.67	
20									2.92	0.03			0.72	
21									2.92	0.00			0.71	
22									2.85	0.00			0.71	
23									2.72	0.01			0.75	
24									2.97	0.02			0.76	
25									2.66	0.00			0.70	
26									2.82	0.00			0.72	
27									2.75	0.00			0.67	
28									2.66	0.00			0.68	
29									2.70	0.00			0.68	
30									2.95	0.00			0.68	
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

CUII - Twin Lakes WTP 1 - June 2024

PWSID #

5245046

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	333						41.8		8.2	8	12.9	1.07	1.20	1.09	1.50		
2	373						86.5		12.4	11	13.2	0.71	0.92	1.06	1.11		
3	400						102.4		15.9	14	12.9	1.08	1.16	0.96	1.10		
4	378						60.3		7.0	7	13.2	1.04	1.12	1.06	1.18		
5	338						83.2		13.5	12	12.9	1.05	1.04	1.06	1.09		
6	338						43.2		9.3	9	13.2	1.14	1.29	1.00	1.30	Total Backwash Gallons =	
7	340						62.2		11.3	10	12.9	1.23	1.27	1.21	1.36	391,050 Gallons	
8	315						86.0		11.2	10	13.2	1.15	1.38	0.79	1.34	3.17% % of Flow	
9	461						74.2		12.7	11	12.9	0.90	1.07	0.64	0.82		
10	351						96.0		12.0	11	13.2	1.26	1.46	0.94	0.81		
11	431						107.2		15.9	14	12.9	1.21	1.56	1.26	1.57		
12	431						77.6		12.2	11	13.2	1.27	1.41	1.31	1.51		
13	373						87.8		11.2	11	12.9	1.23	1.37	1.31	1.48		
14	351						12.8		11.7	10	13.2	1.21	1.36	1.31	1.42		
15	431						94.3		16.0	15	12.9	1.26	1.50	1.08	1.28		
16	540						106.3		13.4	12	13.2	1.12	1.17	1.21	1.43		
17	493						92.8		19.2	18	12.9	1.13	1.17	1.26	1.46		
18	482						99.7		12.8	11	13.2	1.15	1.30	1.22	1.41		
19	510						119.1		19.0	17	12.9	1.00	1.35	1.22	1.54		
20	499						100.0		12.2	12	13.2	1.28	1.39	0.85	1.21		
21	538						137.8		21.9	20	12.9	0.80	1.23	0.87	1.07	Monthly Water Treatment	
22	533						90.0		12.2	12	13.2	1.15	1.29	1.00	1.31	Total Gallons 12,323,234	
23	460						119.3		15.6	15	12.9	0.97	1.14	1.15	1.30	Max. Day 540,490	
24	434						88.6		13.9	12	13.2	1.13	1.39	0.96	1.15	Min. Day 295,978	
25	401						91.5		11.5	11	12.9	0.99	1.18	0.72	1.23	Avg. Day 410,774	
26	401						81.7		12.5	12	13.2	0.80	1.35	0.97	1.13		
27	348						80.7		10.4	10	12.9	0.86	1.29	0.80	1.09	Mail to:	
28	296						56.8		10.9	10	13.2	0.87	1.12	0.90	1.02	Department of Environmental Management	
29	366						91.6		12.2	11	12.9	0.80	0.96	1.04	1.16	Drinking Water Branch MC 66-34	
30	379						93.0		11.6	11	13.2	0.88	1.00	1.04	1.19	100 N. Senate Ave.	
																Indianapolis, IN 46204	