



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Wakarusa Water Works PWSID Number 5220029

For the Month of June Year 2024 IDEM Field Rep. Megan Wright

Signed Randy Hughes Title Assistant Supervisor

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 WT024154

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			3.16	
2									-	.07			3.29	
3									-	0			3.99	
4									2.80	0			2.92	
5									-	.02			2.67	
6									-	.03			2.39	0.86
7									2.82	.06			3.23	
8									2.66	.06			2.57	
9									-	.09			2.44	
10									2.77	.04			2.84	
11									2.81	.04			2.65	
12									-	0			2.50	0.69
13									-	.01			2.57	
14									-	.04			2.08	
15									-	.02			2.29	
16									-	.02			1.12	
17									-	.05			2.65	
18		561		258	7.46	7.27		220	2.97	.02			1.95	
19									2.96	.05			1.56	1.12
20									3.02	0			4.34	
21									2.90	.01			2.02	
22									2.98	.02			1.67	
23									2.93	.04			1.14	
24									3.15	.03			1.42	
25									-	.02			2.06	
26									-	.02			2.31	0.70
27									-	.01			1.97	
28									-	.02			2.64	
29									-	.03			3.88	
30		567		259	7.48	7.35		217	-	.02			2.66	
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	253						5	-	4			1.86	1.97	1.49	1.52		
2	238						5	-	5			1.94	2.07	0.71	0.81		
3	315						6	-	7			1.87	2.08	2.14	2.47		
4	290						6	-	7	.5	13.5	2.20	2.20	2.18	2.45		
5	301						7	-	6			1.62	1.84	1.35	1.44		
6	276						6	-	6			1.87	1.97	1.70	1.90		
7	236						5	-	6	.5	13.5	1.98	2.20	1.73	2.06		
8	252						4	-	5			1.85	1.90	1.68	1.87		
9	290						6	-	6			1.39	1.50	1.16	1.33		
10	252						5	-	5			1.79	1.99	1.80	1.97		
11	353						6	-	8	.5	13.5	1.88	2.18	1.99	2.13		
12	276						6	-	7			1.90	2.13	1.72	2.02		
13	345						7	-	8			2.00	2.17	1.89	2.18		
14	332						6	-	6	.5	13.5	2.20	2.20	2.05	2.50		
15	418						4	-	8			1.42	1.51	1.15	1.37		
16	143						7	-	2			1.92	1.96	1.97	2.29		
17	333						7	-	6			1.72	1.88	1.57	1.64		
18	385						7	-	6	.75	20.25	1.94	2.05	1.63	1.77		
19	384						8	-	8			1.85	1.98	1.65	1.95		
20	373						8	-	6			2.01	2.12	1.74	1.95		
21	473						8	-	9	.75	20.25	2.00	2.15	2.23	2.48	Monthly Water Treatment	
22	391						7	-	6			1.71	1.95	1.52	1.83	Total Gallons 9,112,000	
23	195						4	-	3			1.77	1.91	1.96	1.97	Max. Day 473,000	
24	338						6	-	6	.75	20.25	1.87	1.97	1.82	1.97	Min. Day 143,000	
25	261						5	-	4			1.34	1.45	1.16	1.29	Avg. Daily 303,733	
26	337						6	-	8			1.45	1.54	1.20	1.39	E-Mail To:	
27	305						6	-	6			1.75	1.90	1.58	1.82	DWBMRO@idem.in.gov	
28	291						6	-	6	.75	20.25	1.61	1.72	1.59	1.93	Mail To:	
29	316						0	-	5			1.80	2.03	0.99	1.11	Indiana Department of Environmental Management	
30	160						4	-	5			2.20	2.20	0.67	0.82	Drinking Water Branch	
31																100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	