

MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (12/21/2021)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

Report for Vincennes Water Department
Water Works Name

For the Month of: June Year: 2024

I.D.E.M. Field Rep. Anna Readle

PWSID Number: 5242014

Signed 

Title Street & Plant Manager

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 WT140224 DS150020

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	1	16	16	8.2	8	17	16	0.098	0.084	0.110	0.101	0.316	0.718
2	1	1	16	16	8.1	7.9	17	17	0.104	0.092	0.121	0.116	0.519	0.736
3	0	3	20	20	7.9	7.7	20	20	0.138	0.157	0.111	0.104	0.208	0.735
4	0	2	16	16	8.1	8.2	17	16	0.074	0.085	0.099	0.094	0.274	0.696
5	0	3	16	16	7.9	7.8	17	16	0.057	0.093	0.127	0.104	0.273	0.675
6	2	4	20	19	7.7	7.8	16	15	0.079	0.063	0.382	0.329	0.551	0.696
7	2	2	20	19	7.5	7.8	16	15	0.307	0.279	0.374	0.341	0.420	0.699
8	2	3	20	19	7.5	7.4	16	15	0.290	0.282	0.361	0.355	0.537	0.729
9	2	2	20	20	7.8	7.4	16	15	0.066	0.540	0.350	0.304	0.000	0.716
10	7	1	18	18	7.9	7.7	19	18	0.144	0.153	0.298	0.255	0.142	0.735
11	1	3	16	16	8	7.7	19	18	0.078	0.094	0.346	0.275	0.339	0.689
12	2	3	16	16	8.1	7.9	19	18	0.056	0.059	0.356	0.278	0.426	0.679
13	2	2	17	16	8.1	8	18	17	0.067	0.056	0.337	0.294	0.505	0.694
14	2	3	16	16	8.2	7.9	18	17	0.051	0.044	0.351	0.339	0.503	0.702
15	2	1	16	16	8	8	18	17	0.062	0.054	0.311	0.290	0.363	0.695
16	2	2	16	17	8.3	7.9	18	17	0.058	0.047	0.324	0.309	0.502	0.714
17	3	3	18	18	7.9	8.1	18	18	0.065	0.061	0.252	0.199	0.427	0.700
18	2	2	21	20	8	7.8	20	20	0.063	0.067	0.200	0.170	0.413	0.690
19	2	2	20	19	8.1	7.8	20	20	0.061	0.072	0.236	0.214	0.572	0.675
20	3	2	20	19	8.3	8	20	20	0.071	0.063	0.219	0.288	0.280	0.691
21	2	2	21	20	8.2	8.2	21	21	0.064	0.048	0.234	0.224	0.917	0.689
22	3	2	20	19	8.1	8.1	21	21	0.056	0.049	0.341	0.297	0.589	0.707
23	2	3	20	19	8.3	8	21	21	0.051	0.044	0.321	0.289	0.414	0.712
24	0	0	20	19	8	8.1	19	19	0.059	0.053	0.200	0.162	0.161	0.685
25	0	0	20	19	7.8	7.8	20	20	0.043	0.077	0.206	0.164	0.440	0.697
26	0	1	20	19	8	7.8	20	20	0.058	0.063	0.238	0.194	0.409	0.704
27	0	0	20	20	7.8	7.9	20	20	0.052	0.041	0.209	0.174	0.390	0.701
28	0	1	20	19	7.9	7.7	20	20	0.061	0.053	0.216	0.204	0.205	0.677
29	1	2	20	20	8.3	7.8	20	20	0.059	0.043	0.237	0.224	0.684	0.717
30	1	1	20	19	8.2	8.1	20	20	0.067	0.052	0.262	0.249	0.896	0.733
31														

Min 0.675
Max 0.736
Ave 0.703

* All parameters are to be expressed in mg/L except pH and turbidity

DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

Water Utility Name and PWSID#: Vincennes Water Utilities 5242014

Date	Plant Water Treated x1000 gallons	Chemicals Used Lbs.				Gas	Plant	Filters		Chlorine Residual				Remarks
		Alum	Lime	Soda Ash	Fluoride	Chlorine	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.		
										Free	Total	Free	Total	
1	2968.000				74	48.0	30			1.25	1.37	0.48	0.55	
2	2229.000				57	35.0	37			1.31	1.43	0.45	0.51	
3	2703.000				69	43.0	18			1.47	1.55	0.46	0.51	
4	3306.000				80	51.0	29			1.43	1.56	0.51	0.54	
5	3324.000				78	51.0	29			1.42	1.58	0.45	0.52	
6	3349.000				81	62.0	59			1.15	1.28	0.45	0.53	
7	3498.000				85	65.0	47			1.38	1.62	0.45	0.49	
8	3315.000				84	64.0	57			1.35	1.52	0.48	0.54	
9	2571.000				64	47.0	0			1.43	1.56	0.86	0.96	
10	2858.000				73	54.0	13			1.45	1.56	0.42	0.50	
11	3507.000				84	59.0	38			1.50	1.62	0.37	0.43	
12	3812.000				90	62.0	52			1.54	1.65	0.36	0.44	
13	3898.000				94	59.0	63			1.35	1.47	0.38	0.44	
14	4098.000				100	68.0	66			1.43	1.54	0.37	0.44	
15	4302.000				104	73.0	5			1.43	1.63	0.80	1.00	
16	3549.000				88	59.0	57			1.40	1.53	0.76	0.81	
17	4028.000				98	71.0	55			1.51	1.68	0.42	0.55	
18	4088.000				98	68.0	54			1.46	1.56	0.42	0.49	
19	4373.000				103	68.0	8			1.37	1.49	0.56	0.59	
20	4248.000				102	68.0	38			1.42	1.57	0.62	0.68	
21	4428.000				106	70.0	130			1.52	1.63	0.51	0.58	Total Monthly Water (x1000)
22	4352.000				107	70.0	82			1.39	1.52	0.46	0.54	Total Gallons 107,703.000
23	3921.000				97	63.0	52			1.40	1.54	0.20	0.57	Max. Day 4,428.000
24	3487.000				83	57.0	18			1.45	1.56	0.59	0.66	Min. Day 2,229.000
25	4045.000				98	67.0	57			1.56	1.68	0.50	0.58	Avg. Daily 3,590.100
26	3595.000				88	58.0	47			1.38	1.45	0.45	0.53	
27	3448.000				84	57.0	43			1.41	1.56	0.46	0.53	
28	3654.000				86	59.0	24			1.44	1.57	0.40	0.46	Mail To: Department of Env. Mngmt. Drinking Water Branch - 66-34 100 N. Senate Ave. Indianapolis, IN 46206 DWBMRO@IDEM.IN.GOV
29	3610.000				90	61.0	39			1.32	1.43	0.35	0.40	
30	3139.000				80	52.0	9			1.28	1.46	0.29	0.30	
31														

Average 1.41 1.54 0.48 0.56