



# MONTHLY REPORT OF OPERATION

## FOR NORTH VERNON WATER TREATMENT PLANT

MONTH OF:

May 2024

PWSID: IN5240008

REPORT TO INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT INSPECTOR:

EVAN BOOK

PHYSICAL AND CHEMICAL DATA								Water Treated
Date	Turbidity		Alkalinity		pH		Fluoride	1000 gallons
	Raw	Finish	Raw	Finish	Raw	Finish	Finish	
1	1.2	0.08		186.7		7.7	0.2	1,007
2	1.8	0.08		183.3		7.6	0.2	1,022
3	1.6	0.10		183.3		7.7	0.2	1,019
4	2.0	0.10		190.0		7.7	0.1	732
5	1.4	0.13		185.0		7.7	0.2	732
6	1.3	0.08		90.9		7.6	0.3	812
7	1.4	0.05		175.0		7.6	0.6	847
8	1.8	0.06		170.0		7.6	1.2	812
9	2.1	0.09		175.0		7.6	1.0	822
10	2.1	0.10		185.0		7.6	0.8	778
11	2.3	0.12		175.0		7.6	0.6	789
12	2.2	0.13		175.0		7.7	0.6	772
13	2.0	0.10		180.0		7.4	0.5	868
14	1.9	0.08		170.0		7.6	0.7	792
15	1.9	0.06		170.0		7.6	0.7	784
16	2.2	0.13		185.0		7.6	0.9	799
17	2.3	0.16		185.0		7.6	0.8	796
18	2.2	0.15		185.0		7.6	1.1	826
19	1.8	0.14		185.0		7.7	0.9	801
20	1.7	0.09		175.0		7.7	0.6	903
21	1.4	0.10		190.0		7.7	0.6	864
22	1.7	0.08		175.0		7.7	0.6	836
23	1.8	0.12		185.0		7.7	1.1	843
24	1.5	0.11		190.0		7.6	1.1	787
25	1.3	0.10		200.0		7.4	0.8	750
26	1.0	0.08		195.0		7.6	0.8	705
27	1.2	0.07		165.0		7.7	0.9	735
28	1.3	0.15		200.0		7.7	1.3	815
29	1.1	0.09		175.0		7.7	0.9	766
30	1.1	0.11		170.0		7.7	0.8	816
31	1.4	0.10		170.0		7.8	0.6	798

AVG 1.6658871 0.0993817 178.20108 7.6385484 0.7015591 820.2580645

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.

WT100089

SUPERINTENDENT

Signed

Certification #

Title

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MONTH OF:

May 2024

PWSID:

IN524008

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Monthly Water Treated	
Total Gallons	25,428
Max. Day	1,022
Min. Day	705
Avg. Day	820

Date	Chemicals Used (pounds)						Filters		Chlorine Residual				Remarks
	Alum	Lime	Carbon	Chlorine	Fluoride	20% Permanganate	Run hrs	1000 Gal/wash	P.O.E. Low	P.O.E. Total	D.S. Free	D.S. Total	
1	36		0	34	0	17	17	30.3	1.57	1.83	1.4	1.58	
2	36		0	32	0	17	16	17	1.70	1.95	1.34	1.63	
3	35		0	34	0	18	17	23.5	1.74	1.89	1.61	1.77	
4	21		0	24	0	11	11	24.2	1.60	1.82	1.67	1.69	
5	23		0	24	0	11	10	29.9	1.61	1.81	1.42	1.59	
6	22		0	24	50	11	11	25.9	1.45	1.64	1.53	1.68	
7	22		0	24	0	20	11	26	1.25	1.55	1.19	1.42	
8	23		0	24	0	21	11	21.9	1.31	1.61	1.24	1.49	
9	23		0	24	0	21	12	0	1.42	1.64	1.49	1.64	
10	24		0	26	0	22	12	24.7	1.41	1.60	1.39	1.51	
11	22		0	26	0	19	10	28.3	1.55	1.70	1.44	1.56	
12	22		0	24	50	19	11	30.8	1.51	1.70	1.40	1.53	
13	23		0	24	0	20	11	23.7	1.52	1.75	1.61	1.82	
14	22		0	24	0	21	11	26.4	1.28	1.59	1.36	1.55	
15	25		0	26	0	22	12	22.6	1.36	1.64	1.31	1.56	
16	23		0	24	0	20	11	25.6	1.36	1.65	1.39	1.52	
17	23		0	26	0	21	11	29.9	1.41	1.62	1.48	1.57	
18	23		0	28	0	20	11	28.8	1.42	1.62	1.28	1.48	
19	24		0	24	0	20	11	28.8	1.46	1.63	1.40	1.50	
20	24		0	28	0	24	12	23.9	1.34	1.63	1.38	1.57	
21	27		0	26	50	23	12	24.6	1.23	1.54	1.21	1.40	
22	22		0	26	0	23	12	28	1.30	1.61	1.25	1.50	
23	22		0	28	0	21	11	28.5	1.37	1.57	1.40	1.49	
24	23		0	28	0	22	11	29.8	1.26	1.50	1.21	1.31	
25	20		0	24	0	19	11	57.7	1.28	1.62	1.46	1.58	
26	21		0	24	0	20	10	14.4	1.38	1.61	1.40	1.53	
27	24		0	26	0	20	11	26	1.26	1.63	1.04	1.20	
28	25		0	30	0	21	12	27.1	1.38	1.69	1.52	1.64	
29	21		0	24	0	18	11	40.6	1.41	1.74	1.32	1.63	
30	23		0	26	0	19	11	25.7	1.30	1.57	1.07	1.46	
31	24		0	28	0	19	11	26.1	0.99	1.43	1.09	1.26	
AVG	24		0	26	5	19	12	26	1.4	1.7	1.4	1.5	