



# MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

System Name Frankfort Water Works

PW SID: 5212003

For the Month of December Year 2025

IDEM Rep: Lilly Alexander

Signed Chase Thompson

Title: Superintendent

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:  
WT00072

## PHYSICAL AND CHEMICAL DATA \*

Date	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Phosphate	Fluoride
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Finished	Finished	Finished	Finished
1						7.61			1.91	0.01		0.02	1.77	
2						7.72			1.77	0.05		0.01	1.75	
3						7.69			1.93	0.06		0.01	1.54	
4						7.69			1.89	0.00		0.00	1.88	
5						7.58			1.95	0.00		0.00	1.95	
6						7.62			1.90	0.02		0.01	1.82	
7						7.65			1.78	0.00		0.02	1.98	
8						7.59			1.89	0.03		0.01	1.92	
9						7.61			2.06	0.03		0.01	1.87	
10						7.62			2.09	0.05		0.01	1.96	
11						7.65			1.95	0.00		0.00	1.64	
12						7.60			1.90	0.00		0.01	1.90	
13						7.65			1.86	0.04		0.01	1.82	
14						7.64			2.08	0.00		0.00	1.84	
15						7.68			2.16	0.07		0.01	1.68	
16						7.69			1.82	0.03		0.01	1.81	
17						7.62			2.09	0.00		0.02	1.82	
18						7.65			2.05	0.01		0.01	1.97	
19						7.67			2.50	0.05		0.03	1.79	
20						7.61			1.88	0.01		0.02	1.96	
21						7.60			1.94	0.04		0.02	1.64	
22						7.62			1.73	0.00		0.01	1.65	
23						7.58			1.89	0.01		0.03	1.77	
24						7.64			1.70	0.04		0.02	1.81	
25						7.64			1.75	0.00		0.02	1.77	
26						7.59			2.00	0.04		0.01	1.68	
27						7.58			1.89	0.00		0.01	1.80	
28						7.60			2.15	0.00		0.01	1.81	
29						7.60			1.95	0.00		0.02	1.70	
30						7.63			1.83	0.00		0.01	1.81	
31						7.61			1.57	0.00		0.01	1.74	

\* All parameters are to be expressed in mg/1 except pH and turbidity.

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

Day	Water Treated 1000 gallons	Chemicals Used - Gallons							Filters		Chlorine Residual					
		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	3674.4					63.2		14.9	19.5	36	1.43	1.62	1.18	1.27		
2	4583.7					80.6		18.1	23.9	36	1.55	1.69	1.11	1.34		
3	4344.0					75.3		16	21.1	36	1.48	1.59	0.99	1.13		
4	3506.2					57.8		14.4	18.9	36	1.45	1.54	0.92	1.03		
5	3792.8					61.5		15.5	20.5	36	1.44	1.60	0.98	1.14		
6	3506.2					57.8		14.4	18.9	36	1.43	1.56	0.91	1.05		
7	3371.2					55.7		13.9	18.2	36	1.46	1.67	1.14	1.24		
8	3973.8					68		16.1	21.2	36	1.51	1.64	1.08	1.17		
9	3647.9					63.3		14.8	19.5	36	1.43	1.53	1.05	1.17		
10	3971.8					67.5		16.1	21.3	36	1.42	1.57	1.07	1.15		
11	3741.4					61.9		15.2	20.1	36	1.45	1.54	1.29	1.32		
12	3727.4					60.6		15.2	20.1	36	1.48	1.58	1.03	1.19		
13	3375.4					56		13.8	18.2	36	1.41	1.55	1.05	1.22		
14	3527.8					58.5		14.4	19.0	36	1.42	1.61	1.12	1.18		
15	3680.0					61.6		14.7	19.4	36	1.51	1.66	1.06	1.16		
16	4062.7					61.6		16.2	21.4	36	1.44	1.57	0.91	1.07		
17	4037.7					71		16.1	21.3	36	1.43	1.56	1.12	1.23		
18	4322.4					68		14.8	20.5	36	1.41	1.59	0.95	1.13		
19	3678.0					61.7		14.8	19.4	36	1.46	1.52	1.21	1.29		
20	3615.8					59.8		14.7	19.4	36	1.54	1.58	1.17	1.27		
21	3518.8					59.8		14.5	19.0	36	1.48	1.52	0.84	0.88	Monthly Water Treatment	
22	3394.6					59		14.4	18.9	36	1.40	1.57	1.12	1.23	Total Gallons	
23	3238.2					52.6		13.9	18.1	36	1.42	1.48	1.02	1.16	111316934	
24	2609.4					43.3		11.1	14.5	36	1.43	1.60	0.94	1.00	Max Day	
25	2353.2					39.5		10.2	13.3	36	1.41	1.58	0.54	0.60	4583689	
26	3332.8					56.4		14.3	18.7	36	1.42	1.58	1.20	1.24	Min Day	
27	3375.9					57.6		14.4	18.8	36	1.49	1.66	1.07	1.17	2353236	
28	3256.3					57.6		13.9	18.1	36	1.38	1.41	0.91	0.98	Avg Daily	
29	3441.8					55.7		14.2	18.1	36	1.38	1.46	0.90	1.14		
30	3409.6					60.7		13.8	18.1	36	1.38	1.45	1.11	1.14	E-mail To:	
31	3245.4					57.7		13.4	17.4	36	1.41	1.55	1.08	1.14	<a href="mailto:DWBMRO@idem.in.gov">DWBMRO@idem.in.gov</a>	
															Mail To:	
															Indiana Department of	
															Environmental Management	
															Drinking Water Branch	
															100 N. Senate Ave. Room n1201	
															Indianapolis, IN 46204-2237	