



**MONTHLY REPORT OF OPERATION
WATER TREATMENT PLANT**

State Form 34609 (R11 / 1-17)

**INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**

System Name Frankfort Water Works

PWSID: 5212003

For the Month of June **Year** 2024

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						7.31			2.49	0.04		0.00	1.68	
2						7.53			1.99	0.06		0.00	1.69	
3						7.55			2.01	0.07		0.00	1.53	
4						7.46			1.73	0.05		0.01	1.61	
5						7.51			1.77	0.00		0.01	1.54	
6						7.63			1.79	0.05		0.01	1.54	
7						7.60			1.68	0.04		0.02	1.41	
8						7.57			1.71	0.02		0.00	1.63	
9						7.61			1.81	0.00		0.01	1.47	
10						7.63			1.96	0.06		0.01	1.52	
11						7.68			1.76	0.00		0.01	1.88	
12						7.63			1.93	0.04		0.01	1.51	
13						7.69			1.91	0.04		0.02	1.62	
14						7.63			1.96	0.02		0.02	1.47	
15						7.60			1.82	0.04		0.00	1.65	
16						7.62			1.81	0.03		0.02	1.46	
17						7.54			1.97	0.02		0.01	1.68	
18						7.66			1.97	0.05		0.01	1.44	
19						7.64			1.89	0.00		0.01	1.57	
20						7.67			1.71	0.04		0.02	1.71	
21						7.65			2.19	0.00		0.01	1.87	
22						7.67			1.77	0.05		0.02	1.66	
23						7.58			2.01	0.06		0.01	1.62	
24						7.64			1.81	0.00		0.01	1.57	
25						7.69			2.02	0.08		0.02	1.69	
26						7.64			2.29	0.02		0.02	1.64	
27						7.59			2.16	0.00		0.02	1.80	
28						7.64			2.08	0.05		0.01	1.70	
29						7.64			1.98	0.00		0.02	1.70	
30						7.61			2.08	0.00		0.03	1.58	

* 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	Phosphate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.	
												Free	Total	Free	Total
1	3469.2						55.8		12.6	19.5	36	1.34	1.40	1.08	1.35
2	3383.9						53.7		12.3	18.7	36	1.39	1.47	1.02	1.14
3	3914.0						65.9		14.2	20.1	36	1.57	1.62	1.01	1.14
4	3968.1						68.9		14.2	20.0	36	1.56	1.61	1.02	1.15
5	3960.7						68.8		14.1	21.1	36	1.36	1.43	1.03	1.13
6	3869.2						67.9		13.9	21.0	36	1.40	1.51	0.94	0.99
7	3953.4						70.3		14.1	19.7	36	1.53	1.63	1.03	1.23
8	3933.4						69.3		14.2	22.1	36	1.46	1.58	1.10	1.22
9	3466.4						61.2		12.5	21.1	36	1.55	1.63	1.03	1.18
10	4001.6						71.8		14.3	18.6	36	1.51	1.63	1.13	1.19
11	4288.7						79.3		15.3	21.3	36	1.45	1.57	1.04	1.15
12	3954.7						70.7		14.1	22.9	36	1.52	1.67	1.09	1.28
13	3981.9						69.5		14.2	21.1	36	1.37	1.52	1.05	1.09
14	3984.6						70.9		14.2	21.1	36	1.51	1.64	1.08	1.28
15	3504.0						63.4		12.5	21.3	36	1.48	1.60	1.06	1.20
16	3500.7						62.5		12.5	18.7	36	1.55	1.61	1.02	1.14
17	4255.7						75.6		15	18.7	36	1.42	1.47	1.17	1.22
18	3956.6						70.4		14	22.5	36	1.43	1.50	1.11	1.21
19	3532.0						59.9		12.5	21.0	36	1.50	1.62	1.41	1.43
20	3993.7						68.6		13.7	18.7	36	1.48	1.68	0.94	1.14
21	4082.4						68.4		13.7	21.5	36	1.51	1.68	1.23	1.33
22	4052.9						69		13.5	21.2	36	1.39	1.49	1.28	1.30
23	3547.1						60.4		12.2	21.2	36	1.43	1.55	0.91	1.02
24	4315.5						75		14.8	19.0	36	1.45	1.69	1.01	1.19
25	4226.4						76.8		14.5	22.1	36	1.49	1.66	0.94	0.98
26	3557.0						64.9		12.2	22.9	36	1.56	1.64	1.05	1.19
27	3958.9						69.4		13.6	19.9	36	1.55	1.60	0.83	0.98
28	4185.2						73.2		14.4	21.3	36	1.45	1.57	1.02	1.13
29	3688.9						65.5		12.8	22.5	36	1.50	1.62	0.95	1.05
30	3463.0						61.7		12	19.9	36	1.59	1.69	1.01	1.15
Monthly Water Treatment															
														Total Gallons	115949851
														Max Day	4315542
														Min Day	3383888
														Avg Daily	3864995
														E-mail To:	DWBMRO@idem.in.gov
														Mail To:	Indiana Department of Environmental Management Drinking Water Branch 100 N. Senate Ave. Room n1201 Indianapolis, IN 46204-2237