



MONTHLY REPORT OF OPERATION
OF WATER TREATMENT PLANT

State Form 34609 (R7/9-06)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name ALLENDALE WATER WORKS PWSID Number 5248001
 Reporting Month 12/2024 IDEM Field Rep LRY ALEXANDER
 Signature [Signature] Title OPERATOR
 Certification Number WT3 947015

I hereby certify that this report was prepared by me or under my direction and that the data reported herein are true and complete. I am also aware that the data reported herein are for information only.

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					7.3	7.2			1.80	0.04				
2					7.5	7.1			1.71	0.05				
3					7.3	6.9			1.77	0.02				
4					7.1	6.7			1.79	0.05				
5					7.4	7.3			1.70	0.05				
6					7.4	7.3			1.65	0.05				
7					7.1	6.6			1.78	0.03				
8					7.3	7.0			1.70	0.04				
9					6.9	7.2			1.77	0.05				
10					7.1	6.7			1.74	0.07				
11					7.1	7.1			1.74	0.05				
12					7.4	7.2			1.79	0.04				
13					7.4	7.4			1.70	0.02				
14					7.3	6.9			1.55	0.01				
15					7.0	6.7			1.69	0.02				
16					7.2	6.9			1.75	0.03				
17					7.5	7.1			1.71	0.02				
18					7.2	6.9			1.78	0.01				
19					7.4	7.3			1.89	0.02				
20					7.6	7.3			1.84	0.06				
21					7.2	7.0			1.90	0.07				
22					7.1	6.8			1.86	0.08				
23					7.1	6.8			1.11	0.03				
24					7.3	7.0			1.75	0.04				
25					7.1	7.3			1.68	0.02				
26					7.3	7.1			1.75	0.03				
27					7.5	7.1			1.81	0.06				
28					7.3	6.8			1.79	0.02				
29					7.2	6.7			1.71	0.06				
30					7.4	7.4			1.81	0.04				
31					7.2	6.9			1.84	0.02				

Date	Water Treated 1000 gallons	Chemicals Used - Pounds								Filters		Chlorine Residual				Remarks
		Salt	Alum	Lime	Soda Ash	Carbon	Chlorine	Fluoride	Phosphate	Filter Run (hours)	Gallons per week x 1000	Plant Tap		D S		
												Free	Total	Free	Total	
1	1,864					11.2				200		1.00	1.04	0.51	0.54	
2	1,573					10.2				19.0		0.96	1.02	0.64	0.77	
3	1,284					10.2				21.0	37	1.03	1.17	0.77	0.59	
4	1,301					12.2				21.0		1.03	1.11	0.82	0.55	
5	1,537					12.8				20.0		1.06	1.07	0.78	0.56	
6	1,663					13.4				24.0		1.09	1.21	0.70	0.56	
7	1,423					13.0				24.0		0.99	1.11	0.70	0.79	
8	1,354					12.8				22.0	36	1.08	1.19	0.81	0.59	
9	1,370					10.2				24.0		0.93	1.07	0.64	0.77	
10	1,258					12.4				19.0		1.07	1.16	0.73	0.55	
11	1,463					10.6				20.0		1.07	1.11	0.67	0.75	
12	1,507					11.8				19.0		1.03	1.15	0.70	0.56	
13	1,462					11.2				20.0	38	0.98	1.06	0.81	0.62	
14	1,653					12.6				21.0		1.10	1.15	0.83	0.59	
15	1,464					10.6				19.0		0.94	1.03	0.75	0.54	
16	1,261					10.6				18.0		1.01	1.11	0.81	0.79	
17	1,839					13.4				23.0	35	1.06	1.11	0.73	0.50	
18	1,342					10.0				20.0		1.10	1.15	0.83	0.92	
19	1,773					14.0				24.0		0.98	1.06	0.79	0.56	
20	1,357					10.6				19.0		1.08	1.11	0.83	0.90	
21	1,795					13.6				24.0		1.03	1.14	0.75	0.82	Monthly Water Treatment
22	1,346					10.2				19.0		1.00	1.09	0.72	0.85	Total Gallons
23	1,807					13.4				23.0	37	0.97	1.04	0.79	0.90	1,468.4
24	1,448					11.6				18.0		1.06	1.11	0.81	0.81	Min Day
25	1,549					10.2				19.0		1.00	1.07	0.81	0.90	Avg Daily
26	1,653					11.2				21.0		1.08	1.18	0.71	0.79	
27	1,218					8.6				18.0		0.95	1.02	0.81	0.83	
28	1,747					12.2				24.0		1.07	1.14	0.71	0.86	
29	1,352					10.2				19.0	37	1.03	1.16	0.81	0.84	
30	1,239					10.2				19.0		1.08	1.17	0.79	0.85	
31	1,884					14.4				23.0	38					

part of State Form 34609 (R7/9-06) 46,785 360.6 644.0

Monthly Water Treatment
 Total Gallons 1,468.4
 Max Day 1,884
 Min Day 1,218
 Avg Daily 1,51
 Mail to
 Indiana Department of
 Environmental Management
 Drinking Water Branch, MC 66-34
 100 North Senate Avenue
 Indianapolis, IN 46204-2254