



**MONTHLY REPORT OF OPERATION
WATER TREATMENT PLANT**

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Portland Municipal Water PWSID Number 5238007

For the Month of June Year 2024 IDEM Field Rep. Darek Petro

Signed [Signature] 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 916047

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										0.02			1.3	
2										0.03			1.2	
3										0.03			1.2	
4										0.02			1.1	
5										0			1.1	
6										0.03			1.2	
7										0.02			1.3	
8										0.01			1.2	
9										0.02			1.3	
10										0.04			1.2	
11										0.04			1.2	
12										0.04			1.2	
13										0.02			1.2	
14										0.03			1.3	
15										0.02			1.2	
16										0.02			1.2	
17										0.01			1.3	
18										0			1.2	
19										0			1.1	
20										0.01			1.2	
21										0			1	
22										0			1.1	
23										0			1.2	
24										0.02			1.2	
25										0.01			1.2	
26										0			1	
27										0			1.3	
28										0.01			1.2	
29										0			1.2	
30										0			1.1	
31														

* All parameters are to be expressed in mg/l except pH and turbidity.
DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

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 wash x 1000	Plant Tap		D. S.		
												Free	Total	Free	Total	
1	662						12		2.5			1	1.2	0.7	0.8	We measure phosphate in gallons
2	780						13		3			0.8	1	0.7	0.8	
3	801						13		3	165	70	1.1	1.2	0.7	0.9	
4	845						14		4	166	70	1.1	1.3	0.9	1	
5	827						15		4			1.2	1.3	0.7	1	
6	811						14		3.5	144	70	1.3	1.4	1.3	1.4	
7	700						12		3.5			1.2	1.3	0.7	0.9	
8	743						11		3.5			0.9	1.3	0.6	0.8	
9	813						11		3			1.1	1.3	0.7	0.9	
10	811						12		3.5	197	70	1.2	1.3	0.7	0.9	
11	877						12		3.5	195	70	1.2	1.4	1	1.2	
12	827						14		3.5	167	70	1.3	1.5	0.9	1.1	
13	801						13		4			1.3	1.5	0.7	0.9	
14	779						12		4	123	70	1.3	1.4	0.6	0.8	
15	874						12		3.5			1.1	1.3	0.7	0.9	
16	844						13		3.5			1.1	1.3	0.7	0.9	
17	930						13		3.5	169	70	1	1.2	0.6	0.8	
18	847						15		4	168	70	1.2	1.4	0.7	0.9	
19	864						15		4			1.2	1.4	0.6	0.8	
20	878						16		4	169	70	1.1	1.3	0.7	0.9	
21	815						15		3.5	121	70	1	1.2	0.6	0.8	Monthly Water Treatment
22	849						14		3.5			1.2	1.4	0.6	0.8	Total Gallons 25,471,000
23	1,170						15		4			0.7	0.9	0.6	0.8	Max. Day 1,170,000
24	1,084						19		4.5	170	70	1	1.2	0.6	0.8	Min. Day 662,000
25	1,045						19		5	144	70	1.1	1.3	0.5	0.8	Avg. Daily 849,000
26	995						18		5	144	70	0.9	1.1	0.8	1	E-Mail To: DWBMRO@idem.in.gov
27	1,031						17		4.5			1.1	1.3	0.6	0.8	
28	718						20		5	128	70	1.2	1.4	0.8	1	Mail To: Indiana Department of Environmental Management Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237
29	691						13		3			0.9	1.1	0.7	0.9	
30	759						11		3			1.1	1.3	0.7	0.9	
31																