



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name City of Berne PWSID Number 5201001

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

Signed [Signature] Title Water Supt.

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 DSM 008377/WT3 008378

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					7.83	7.79	649.8	239.4	2.06	.006				
2					7.79	7.81	513	171	1.77	.010				
3					7.79	7.75	478.8	307.8	1.73	.010				
4					7.82	7.82	547.2	307.8	1.79	.002				
5					7.79	7.74	513	256.5	2.37	.006				
6					7.74	7.81	495.9	205.2	1.70	.001				
7					7.77	7.84	478.8	188.1	1.73	.010				
8					7.78	7.89	495.9	153.9	1.71	.010				
9					7.74	7.81	513	324.9	2.03	.005				
10					7.76	7.84	478.8	205.2	1.69	.008				
11					7.75	7.79	598.5	342	1.63	.006				
12					7.73	7.80	581.4	359.1	1.75	.005				
13					7.71	7.84	513	324.9	1.69	.009				
14					7.79	7.89	615.6	324.9	1.89	.004				
15					7.81	7.90	495.9	324.9	1.71	.010				
16					7.80	7.88	478.8	307.8	1.55	.011				
17					7.73	7.90	513	136.8	1.50	.010				
18					7.75	7.91	495.9	153.9	1.55	.006				
19					7.79	7.89	478.8	188.1	1.59	.003				
20					7.77	7.96	495.9	119.7	1.65	.006				
21					7.76	7.84	513	256.5	1.43	.009				
22					7.77	7.92	513	153.9	1.42	.008				
23					7.77	7.80	513	153.9	1.58	.010				
24					7.78	7.81	530.1	119.7	1.70	.008				
25					7.66	7.72	495.9	290.7	1.69	.014				
26					7.74	7.76	427.5	222.3	1.69	.005				
27					7.75	7.79	495.9	153.9	1.68	.021				
28					7.78	7.82	598.5	119.7	1.66	.004				
29					7.78	7.81	547.2	205.2	1.63	.007				
30					7.82	7.86	495.9	153.9	1.69	.010				
31					7.79	7.82	495.9	205.2	1.65	.017				

* 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	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D. S.			
												Free	Total	Free	Total		
1	390						12			8.2		1.65	3.12	.40	.91		
2	516						15.9			10		2.16	3.13	.37	.47		
3	361						11.5			8.7	25	2.00	2.78	.73	.77		
4	372						11.5			7.6		1.92	3.14	.20	.21		
5	496						15.3			11		2.24	2.82	.23	.31		
6	281						11.8			8.1	15	1.91	2.58	.31	.39		
7	654						17			11.8	25	2.28	3.08	.64	1.00		
8	537						16.2			11		2.27	3.04	.23	.34		
9	421						12.3			9.4		2.23	3.00	.22	.34		
10	439						13			9.1		1.89	2.77	.36	.39		
11	365						11			7.6		2.03	2.75	.23	.33		
12	408						12.5			8.7	25	1.96	2.39	.20	.41		
13	597						18.2			13.4	15	2.17	3.11	.20	.23		
14	465						14			9.6		2.19	3.22	.28	.37		
15	487						14.5			10		2.25	3.15	.33	.34		
16	516						15.7			11.7		2.38	3.04	.18	.22		
17	377						11.6			8.1	25	2.21	3.13	.54	.62		
18	502						15.1			10.3		2.19	2.95	.35	.45		
19	375						11			8.7		2.05	2.91	.28	.39		
20	525						13.8			11.2	15	2.33	3.13	.65	.78		
21	502						10.6			10.7		2.18	3.12	.33	.69	Monthly Water Treatment	
22	542						16.9			11.1		1.99	2.81	.39	.73	Total Gallons	14281
23	468						13.4			9.5		2.18	3.14	.26	.31	Max. Day	654
24	559						16.2			12.5		2.48	3.29	.39	.59	Min. Day	281
25	362						11.7			7.4		1.91	2.76	.27	.36	Avg. Daily	461
26	479						14.7			10.4	40	1.80	2.51	.31	.46	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	
27	363						10.5			8.4		1.88	2.57	.29	.37		
28	523						15.7			10.9		2.47	3.28	.20	.23		
29	405						11.4			8.4		2.08	3.08	.29	.35	Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	
30	534						15.8			12.1	25	2.21	3.22	.52	.69		
31	460						14.2			10.5		2.32	3.13	.45	.56		