

# MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

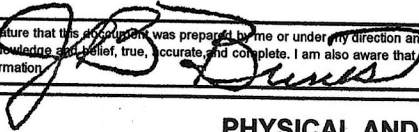
State Form 34609 (R6/3-04)

INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

System Name \_\_\_\_\_ City of Princeton  
For the month of \_\_\_\_\_ Jun-24

Public Water Supply I.D. No. 5226008  
I.D.E.M. Field Rep. Anna Readle  
Title Utility Supt. James Brines  
Certification Number DSO 18538 / WT0 62575

I certify under the penalty of law by this signature that this report 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.



## 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					7.7	7.7			0.50	0.01	0.17	0.03		0.47
2					7.7	7.4			0.47	0.02	0.11	0.01		0.59
3					7.7	7.7			0.74	0.01	0.25	0.01		0.76
4					7.8	7.6			0.67	0.01	0.21	0.01		0.81
5					7.9	7.7			0.85	0.01	0.25	0.02		0.78
6					7.7	7.6			0.85	0.02	0.20	0.02		0.75
7					7.7	7.6			0.70	0.01	0.21	0.02		0.74
8					7.7	7.6			0.86	0.01	0.21	0.02		0.74
9					7.7	7.7			0.95	0.01	0.25	0.02		0.69
10					7.8	7.7			0.84	0.01	0.21	0.02		0.75
11					7.8	7.7			0.79	0.01	0.22	0.02		0.76
12					7.7	7.7			1.55	0.01	0.17	0.02		0.76
13					7.8	7.7			1.01	0.01	0.18	0.02		0.78
14					7.8	7.6			0.55	0.01	0.16	0.02		0.77
15					7.7	7.6			0.57	0.01	0.19	0.04		0.76
16					7.8	7.6			0.60	0.01	0.17	0.04		0.92
17					7.8	7.6			0.91	0.01	0.16	0.02		0.76
18					7.8	7.7			0.77	0.02	0.19	0.02		0.80
19					7.7	7.6			1.12	0.01	0.24	0.02		0.79
20					7.8	7.7			1.17	0.01	0.20	0.02		0.80
21					7.7	7.7			1.02	0.01	0.16	0.02		0.81
22					7.7	7.6			1.23	0.01	0.24	0.02		0.78
23					7.8	7.7			1.08	0.02	0.22	0.02		0.82
24					7.7	7.7			0.89	0.01	0.15	0.02		0.76
25					7.8	7.5			0.90	0.02	0.15	0.02		0.75
26					7.7	7.7			1.35	0.01	0.23	0.02		0.80
27					7.6	7.5			1.28	0.01	0.20	0.02		0.78
28					7.7	7.6			1.54	0.01	0.21	0.02		0.79
29					7.7	7.6			1.57	0.01	0.20	0.01		0.53
30					7.8	7.7			1.67	0.01	0.25	0.01		0.62
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





Month: June 2024

# Plant Operating Record (Pg 2)

Chem. Feed PPM		CI Residual Free	CI Residual Total	F- Residual	Filter (Cell) Head Loss			Filter (Cell) Backwashed?			Remarks
F-	F- lbs per 24hrs				1	2	3	1	2	3	
3.3	32.5	99	117	47	1.3	1.3	1.3				
3.2	26.6	1.15	1.22	.59	1.3	1.3	1.3				
3.3	30.9	98	1.13	.76	1.3	1.3	1.3	✓	✓	✓	BW Filters @ 5:45 Am
3.3	34.1	1.05	1.13	.81	3.6	3.6	3.6				
3.3	32.3	1.06	1.13	.78	3.6	3.6	3.6				
3.3	31.7	1.11	1.17	.75	4.0	4.0	4.0				
3.3	32.1	1.08	1.15	.74	1.3	1.3	1.3				
3.3	36.7	1.14	1.20	.74	4.0	4.0	4.0				
3.3	29.1	1.07	1.19	.69	4.0	4.0	4.0				
3.3	33.1	1.08	1.13	.75	4.2	4.2	4.2	✓	✓	✓	BW Filters @ 7:20 Am
3.3	32.0	1.04	1.08	.76	1.3	1.3	1.3				Wells #2+9 on from #6+8 @ 5:45 Am
3.3	31.8	1.13	1.20	.76	1.3	1.3	1.3				
3.5	36.0	1.09	1.12	.78	4.2	4.2	4.2				
3.3	32.6	1.11	1.15	.77	1.3	1.3	1.3				
3.2	34.9	90	1.12	.76	1.3	1.3	1.3				
3.3	32.2	1.19	1.33	.92	1.3	1.3	1.3				
3.3	35.5	.82	1.12	.76	4.3	4.3	4.3	✓	✓	✓	BW Filters @ 9:10 Am
3.3	36.0	1.09	1.14	.80	1.3	1.3	1.3				
3.4	35.2	1.14	1.18	.79	4.0	4.0	4.0				
3.3	34.4	1.10	1.16	.80	4.0	4.0	4.0				
3.3	34.0	1.17	1.23	.81	1.3	1.3	1.3				
3.4	38.0	1.18	1.26	.78	1.3	1.3	1.3				
3.4	35.3	1.18	1.23	.82	1.3	1.3	1.3				
3.3	32.6	1.15	1.20	.76	1.3	1.3	1.3	✓	✓	✓	BW Filters @ 10:30 Am
3.4	35.7	1.13	1.20	.75	1.3	1.3	1.3				Wells #5+7 on from #2+9 @ 6:15 Am
3.4	34.9	1.04	1.08	.80	4.5	4.5	4.5				
3.3	27.5	1.08	1.15	.78	1.3	1.3	1.3				
3.4	35.4	1.04	1.09	.79	4.5	4.5	4.5	✓	✓	✓	BW Filters @ 8:35 Am
3.3	33.1	93	1.17	.53	1.3	1.3	1.3				
4.0	38.1	1.06	1.11	.62	1.3	1.3	1.3				