



# MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R10 / 9-16)

INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

System Name Sellersburg Water PWSID Number IN5210010

For the Month of May 2024 IDEM Field Rep. Anna Readle

Signed *Shannon Starnes* Title Water Operator

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 WT 190190

### 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	7.5			0.004	0.000	0.242	0.016	1.50	0.49
2					7.6	7.5			0.008	0.002	0.190	0.014	1.61	0.50
3					7.5	7.5			0.006	0.000	0.195	0.015	1.59	0.49
4					7.6	7.5			0.009	0.003	0.171	0.017	1.58	0.49
5					7.6	7.5			0.007	0.005	0.226	0.019	1.66	0.43
6					7.6	7.5			0.005	0.003	0.231	0.015	1.61	0.50
7					7.6	7.5			0.007	0.003	0.177	0.024	1.51	0.50
8					7.6	7.5			0.005	0.001	0.181	0.015	1.52	0.49
9					7.6	7.5			0.005	0.001	0.161	0.011	1.56	0.55
10					7.6	7.6			0.001	0.000	0.181	0.015	1.52	0.56
11					7.7	7.6			0.013	0.001	0.269	0.009	1.52	0.50
12					7.6	7.7			0.004	0.002	0.181	0.016	1.64	0.48
13					7.6	7.6			0.005	0.001	0.182	0.011	1.61	0.52
14					7.6	7.6			0.005	0.001	0.161	0.011	1.55	0.49
15					7.6	7.5			0.003	0.001	0.145	0.000	1.55	0.58
16					7.5	7.5			0.002	0.001	0.143	0.001	1.50	0.61
17					7.5	7.5			0.003	0.000	0.161	0.006	1.52	0.56
18					7.7	7.5			0.000	0.000	0.128	0.020	1.54	0.46
19					7.7	7.5			0.004	0.002	0.151	0.007	1.52	0.48
20					7.6	7.5			0.003	0.000	0.152	0.005	1.53	0.37
21					7.6	7.5			0.005	0.001	0.151	0.005	1.52	0.35
22					7.5	7.6			0.007	0.001	0.163	0.005	1.52	0.51
23					7.6	7.5			0.008	0.001	0.107	0.009	1.64	0.40
24					7.6	7.5			0.002	0.003	0.122	0.003	1.48	0.48
25					7.7	7.5			0.005	0.007	0.140	0.008	1.54	0.48
26					7.7	7.5			0.011	0.001	0.128	0.006	1.58	0.42
27					7.7	7.6			0.006	0.004	0.179	0.011	1.60	0.50
28					7.6	7.6			0.005	0.002	0.161	0.008	1.56	0.49
29					7.6	7.5			0.006	0.000	0.152	0.005	1.56	0.38
30					7.6	7.5			0.006	0.001	0.151	0.006	1.59	0.45
31					8.6	7.6			0.008	0.006	0.117	0.008	1.65	0.48

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

Date	Water Treated <del>1000</del> MGD 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	1.8602						107	220	23.27	26.3	0	1.24	1.51	1.25	1.34		
2	1.8145						121	220	24.36	39.2	0.0370	1.40	1.55	1.45	1.57		
3	1.5828						98	220	20.99	25.5	0	1.51	1.87	1.33	1.45		
4	1.8302						120	0250	24.12	32.9	0	1.61	1.93	1.42	1.56		
5	1.6756						95	210	23.20	37.1	0	1.55	1.82	1.38	1.51		
6	2.0787						121	250	27.91	36.2	0.0384	1.52	1.78	1.54	1.72		
7	2.2984						135	130	28.94	44.9	0	1.27	1.50	1.46	1.61		
8	2.2808						100	500	28.91	51.6	0	1.31	1.51	1.45	1.61		
9	1.7610						125	160	22.91	37.6	0.0374	1.38	1.56	1.37	1.69		
10	2.1833						138	260	27.68	40.7	0	1.41	1.81	1.50	1.70		
11	2.2798						121	270	28.90	45.8	0	1.52	1.81	0.60	0.85		
12	2.3337						127	280	31.92	48.1	0.0387	1.66	1.91	0.74	0.97		
13	1.8679						118	240	25.08	39.6	0	1.81	1.81	1.34	1.40		
14	2.1533						109	260	27.84	45.1	0	1.65	1.73	1.44	1.65		
15	2.0401						114	270	26.37	43.8	0.0369	1.56	1.85	1.42	1.67		
16	1.6556						94	230	20.71	25.3	0	1.59	1.71	1.43	1.69		
17	1.4349						88	220	18.19	36.4	0.0384	1.28	1.54	1.46	1.69		
18	1.8280						106	250	23.48	29.6	0	1.71	1.96	1.35	1.52		
19	1.8863						111	250	23.91	37.5	0	1.37	1.52	1.45	1.67		
20	2.5102						152	310	32.03	40.3	0	1.38	1.58	1.34	1.41		
21	1.8356						108	420	23.27	52.0	0.0374	1.56	1.81	1.27	1.49	Monthly Water Treatment	
22	1.6149						107	40	20.47	42.5	0	1.51	1.67	1.41	1.67	Total Gallons	58.8964
23	1.6478						96	240	22.54	34.7	0	1.56	1.82	1.45	1.77	Max. Day	2.5102
24	1.6097						104	210	19.87	33.6	0.0385	1.28	1.54	1.35	1.63	Min. Day	1.4349
25	1.7680						103	290	22.71	30.5	0	1.37	1.64	1.34	1.52	Avg. Daily	1.8999
26	1.5010						97	230	19.78	37.3	0	1.48	1.62	1.28	1.43	E-Mail To: <a href="mailto:DWBMRO@idem.in.gov">DWBMRO@idem.in.gov</a>  Mail To: <b>Indiana Department of Environmental Management</b> Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	
27	1.9459						101	280	25.97	31.3	0	1.89	2.05	1.39	1.57		
28	2.0841						122	200	27.11	40.6	0.0369	1.5	1.64	1.34	1.45		
29	2.1671						117	300	28.19	44.5	0	1.25	1.81	1.26	1.45		
30	1.5686						90	280	20.80	23.8	0.0395	1.63	1.81	1.31	1.46		
31	1.7984						114		24.75	35.4	0	0.97	1.24	1.36	1.54		