

MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (12/21/2021)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

Report for SCOTTSBURG WATER DEPARTMENT

For the Month of: JULY Year: 2024

I.D.E.M. Field Rep. EVAN BOOK

PWSID # IN 5272001

Signed

Title Operator (CORC)

I certify under penalty of law 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 024042

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	5.8	.08	70	55	7.9	7.7	105	105	.33	.06	.127	.004	1.22	.19	
2	4.7	.07	65	60	7.8	7.7	100	105	.18	.01	.076	.001	1.16	.21	
3	5.3	.07	65	60	8.0	7.7	100	105	.18	.02	.069	.003	1.18	.20	
4	6.2	.08	70	65	7.9	7.7	105	105	.24	.02	.087	.002	1.25	.26	
5	6.8	.08	65	60	7.7	7.6	105	105	.47	.02	.115	.014	1.17	.15	
6	3.7	.07	65	60	7.7	7.7	105	105	.83	.02	.136	.007	1.18	.18	
7	5.4	.07	60	65	7.8	7.7	105	100	.41	.01	.112	.006	1.18	.12	
8	4.5	.07	65	60	7.8	7.7	110	105	.28	.00	.089	.005	1.14	.08	
9	7.4	.07	65	60	7.8	7.7	110	110	.40	.02	.107	.001	1.13	.07	
10	8.3	.08	60	60	7.7	7.7	110	115	.44	.01	.121	.000	1.14	.09	
11	6.8	.07	60	60	7.6	7.7	110	110	.39	.01	.106	.001	1.25	.11	
12	4.3	.06	65	60	7.7	7.6	110	110	.23	.01	.057	.001	1.38	.29	
13	4.9	.06	65	60	7.9	7.6	105	105	.25	.02	.081	.005	1.26	.26	
14	9.2	.06	70	65	7.9	7.6	100	105	.93	.02	.157	.007	1.19	.14	
15	6.1	.06	70	65	7.8	7.7	105	105	.42	.01	.139	.006	1.18	.18	
16	4.2	.06	70	60	7.7	7.6	110	105	.18	.01	.064	.005	1.15	.11	
17	6.8	.06	70	65	7.8	7.6	105	100	.57	.02	.135	.007	1.26	.11	
18	4.0	.06	70	65	7.6	7.6	105	100	.19	.01	.084	.007	1.19	.21	
19	10.3	.06	75	60	7.5	7.5	100	105	.88	.01	.230	.005	1.16	.10	
20	5.4	.06	65	60	7.6	7.6	105	105	.86	.02	.161	.000	1.34	.03	
21	5.2	.06	65	60	7.7	7.6	105	105	.77	.01	.153	.000	1.30	.17	
22	8.5	.07	70	60	7.7	7.6	105	105	.81	.02	.190	.006	1.30	.24	
23	5.8	.06	70	60	7.7	7.6	105	105	.36	.01	.133	.006	1.25	.18	
24	8.6	.07	70	65	7.7	7.5	100	100	1.08	.01	.238	.008	1.32	.22	
25	4.5	.07	65	60	7.6	7.6	105	105	.19	.03	.117	.009	1.30	.20	
26	5.6	.07	70	65	7.5	7.6	105	110	.46	.00	.144	.001	1.22	.17	
27	6.1	.07	70	65	7.9	7.4	110	105	.17	.01	.109	.009	1.24	.18	
28	9.1	.07	70	70	7.7	7.5	110	100	.85	.00	.232	.007	1.33	.17	
29	6.5	.06	70	70	7.6	7.6	110	110	.20	.01	.148	.008	1.31	.15	
30	6.9	.06	65	65	7.5	7.6	110	115	.39	.02	.168	.002	1.82	.23	
31	7.9	.06	65	70	7.7	7.4	105	110	.84	.01	.226	.007	1.32	.15	

* 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	Plant Water Treated x1000 gallons	Chemicals Used Lbs.							Plant Sodium	Filters		Chlorine Residual				Remarks
		PAC	NaMnO4	NaOCL	Caustic	Phos- phate	Polymer	Carbon		Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.		
												Free	Total	Free	Total	
1	859	475	98	161	333	29.0	3.6	165	8.3	16.5	18	1.30	1.49	1.16	1.41	Stucker Fork Water was used
2	785	597	111	161	400	29.0	4.0	185	9.3	18.5	18	.98	1.23	.69	.87	to suppliment on the following dates
3	882	619	118	192	411	34.5	4.2	191	9.6	19.1	18	.99	1.22	.40	.58	7/21 78,000
4	757	431	82	141	289	17.3	3.2	146	7.3	14.6	18	1.08	1.29	.83	1.06	
5	810	586	116	192	411	34.5	4.2	194	9.7	19.4	18	.97	1.17	.55	.61	TOTAL GAL. 78,000
6	817	586	110	212	389	28.8	4.0	183	9.2	18.3	18	.95	1.15	.78	.94	
7	793	508	98	141	344	28.8	3.7	171	8.6	17.1	18	.86	1.05	.41	.53	Douglas Collins
8	885	597	115	131	389	23.0	4.0	185	9.3	18.5	18	.99	1.19	.30	.37	
9	798	508	106	222	367	28.8	3.8	175	8.8	17.5	18	.86	1.12	.75	.95	
10	656	497	100	131	344	28.8	3.7	171	8.6	17.1	18	.98	1.22	.77	.93	
11	886	575	109	192	389	28.8	4.0	182	9.1	18.2	18	.86	1.06	.65	.94	
12	852	564	111	172	389	28.8	4.0	185	9.3	18.5	18	.88	1.08	.36	.50	
13	779	530	103	182	344	28.8	3.6	165	8.3	16.5	18	.78	.99	.82	1.07	
14	757	553	108	151	367	28.8	3.7	172	8.6	17.2	18	.85	1.05	.64	.78	
15	796	553	118	192	389	23.0	4.2	192	9.6	19.2	18	.78	1.01	.57	.83	
16	858	597	119	202	422	34.5	4.2	195	9.8	19.5	18	.93	1.16	.46	.58	
17	815	553	115	172	389	23.0	4.2	192	9.6	19.2	18	.86	1.07	.54	.80	
18	787	492	89	141	312	23.0	3.3	153	7.7	15.3	18	.86	1.05	.46	.63	
19	783	630	123	172	422	34.5	4.4	201	10.1	20.1	18	.81	1.00	.60	.88	
20	747	608	204	212	411	28.8	4.2	195	9.8	19.5	18	1.08	1.27	.79	.91	
21	932	641	127	212	433	28.8	4.7	215	10.8	21.5	18	1.02	1.24	.53	.75	Total Monthly Water (x1000)
22	772	597	123	192	433	28.8	4.5	205	10.3	20.5	18	1.16	1.29	.48	.63	Total Gallons 24,965,000
23	913	619	114	202	422	28.8	4.5	205	10.3	20.5	18	.97	1.13	.77	1.09	Max. Day 932,000
24	700	630	132	222	456	34.5	4.7	214	10.7	21.4	18	1.11	1.33	.72	.86	Min. Day 656,000
25	810	541	105	181	378	23.0	3.8	175	8.8	17.5	18	1.32	1.62	.94	1.21	Avg. Daily 805,000
26	842	652	132	212	356	28.8	4.9	224	11.2	22.4	18	1.24	1.48	.41	.52	
27	848	597	114	182	400	23.0	4.2	194	9.7	19.4	18	1.20	1.40	.64	.89	
28	667	553	116	172	411	34.5	4.0	185	9.3	18.5	18	1.43	1.63	.40	.47	Mail To: Department of Env. Mngmt. Drinking Water Branch - 66-34 100 N. Senate Ave. Indianapolis, IN 46206 DWBMRO@IDEM.IN.GOV
29	796	619	124	172	422	28.8	4.6	211	10.6	21.1	18	1.26	1.54	.60	.81	
30	818	564	114	172	512	28.8	4.2	194	9.7	19.4	18	1.08	1.27	.36	.52	
31	765	652	120	161	422	28.8	4.4	202	10.1	20.2	18	1.15	1.21	.73	1.05	