



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Bargersville Water - Smokey Row Road PWSID Number IN5241001

For the Month of September Year 2024 IDEM Field Rep. EVAN BOOK

Signed [Signature] Title Supervisor

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 WT150231

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		.19	296	300	7.5	8.0	316	172	2.1	0-TR				.76
2		.22	292	300	7.5	8.2	360	180	2.3	0-TR				.74
3		.18	300	290	7.5	8.1	360	172	2.5	0-TR				.71
4		.20	284	296	7.5	8.0	350	174	2.2	0-TR				.68
5		.18	300	260	7.6	8.2	340	160	2.7	0-TR				.93
6		.17	300	300	7.7	8.1	340	168	2.6	0-TR				.93
7		.11	290	300	7.5	8.0	370	160	2.5	0-TR				.89
8		.23	300	291	7.5	8.1	360	167	2.6	0-TR				.86
9		.18	290	302	7.5	8.0	350	180	2.5	0-TR				.74
10		.21	300	300	7.5	8.1	360	180	2.5	0-TR				.73
11		.18	300	275	7.4	8.0	350	165	2.8	0-TR				.73
12		.19	300	304	7.4	8.1	360	180	2.5	0-TR				.74
13		.20	270	270	7.2	8.3	320	160	2.5	0-TR				.91
14		.36	296	309	7.5	8.2	360	174	2.2	0-TR				.64
15		.31	290	320	7.5	8.2	360	178	2.4	0-TR				.62
16		.20	300	315	7.5	8.1	352	174	2.4	0-TR				.66
17		.18	296	320	7.5	8.1	360	178	2.4	0-TR				.69
18		.19	300	320	7.5	8.1	360	180	2.2	0-TR				.74
19		.19	302	320	7.5	8.1	360	180	2.5	0-TR				.68
20		.21	300	310	7.3	8.1	360	178	2.1	0-TR				.67
21		.18	300	310	7.3	8.1	368	180	2.2	0-TR				.77
22		.25	300	310	7.3	8.2	360	166	2.3	0-TR				.87
23		.22	290	320	7.3	8.2	350	178	2.5	0-TR				.75
24		.17	308	320	7.4	8.1	360	170	2.4	0-TR				.80
25		.29	310	320	7.4	8.0	356	176	2.4	0-TR				.67
26		.19	300	320	7.3	8.1	362	176	2.6	0-TR				.66
27		.20	300	320	7.4	8.1	360	180	2.3	0-TR				.64
28		.19	312	310	7.4	8.1	360	174	2.6	0-TR				.72
29		.22	292	310	7.3	8.1	352	176	2.4	0-TR				.77
30		.20	300	320	7.4	8.1	368	180	2.3	0-TR				.63
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	Caustic Phosphate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D. S.			
												Free	Total	Free	Total		
1	2.042						17.0	31.1	3409.4					.86	.92		
2	2.060						32.2	53.2	6017.5					.89	.97		
3	1.972						22.8	39.8	4406.3					.85	.92		
4	2.213						27.8	48.6	5660.6					.90	.98		
5	2.134						22.2	39.2	4407.5					.86	.90		
6	1.915						28.3	59.4	6093.8					.91	.98		
7	1.809						21.2	41.5	4430.6					.79	.85		
8	2.028						22.2	41.7	4488.8					.87	1.0		
9	2.137						28.0	53.0	5727.5					.85	.95		
10	2.078						10.6	37.0	4260.0					.88	.95		
11	2.138						22.5	53.2	6247.5					.96	.97		
12	2.155						21.0	40.8	4570.6					.79	.87		
13	2.132						28.5	52.4	6694.4					.89	.98		
14	2.154						26.7	50.8	6416.3					.78	.84		
15	2.327						24.8	46.0	5786.3					.81	.86		
16	2.411						33.0	62.6	7736.9					.80	.86		
17	2.366						22.6	44.1	5261.4					.79	.85		
18	2.508						30.4	56.1	7006.3					.84	.91		
19	2.343						27.9	52.6	6561.9					.81	.87		
20	2.435						29.6	54.2	7027.5					.82	.90		
21	2.054						22.9	41.8	5267.5					.83	.92	Monthly Water Treatment	
22	1.913						27.1	53.6	6975.6					.89	.95	Total Gallons	58,292,000
23	1.542						18.6	27.6	3453.8					.88	1.1	Max. Day	2.508
24	1.607						24.5	37.1	4710.6					.98	1.1	Min. Day	1.099
25	1.494						18.6	31.1	3677.5					.99	1.1	Avg. Daily	1,943,067
26	1.515						22.2	38.1	4432.5					1.0	1.1	E-Mail To: DWBMRO@idem.in.gov	
27	1.099						15.6	31.6	3648.8					.88	.94	Mail To: Indiana Department of Environmental Management	
28	1.224						14.8	31.4	3373.1					.73	.83	Drinking Water Branch	
29	1.256						14.6	27.8	3103.1					.72	1.6	100 N. Senate Ave. Room N1201	
30	1.226						15.6	30.4	3264.4					.84	.94	Indianapolis, IN 46204-2237	
31																	