

MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Morgan County Rural Water PWSID Number 5255010

For the Month of October Year 2024 IDEM Field Rep. _____

Signed Kyle Dillon *Kyle Dillon* Title Superintendent

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.

Certification Number 843724

I am aware that there are significant penalties for submitting false information

PHYSICAL AND CHEMICAL DATA

DATE	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Chlorine		Flouride
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	No. of Tests	Avg.	
1													1	0.71	0.68
2													1	0.70	0.66
3													1	0.68	0.71
4													1	0.70	0.70
5													1	0.68	0.73
6													1	0.71	0.72
7									0.667	0.010	0.474	0.034	1	0.55	0.70
8									0.414	0.001	0.680	0.029	1	0.5	0.64
9													1	0.55	0.81
10													1	0.58	0.78
11									0.298	0.008	0.330	0.043	1	0.55	0.75
12													1	0.47	0.91
13													1	0.48	0.85
14													1	0.40	0.84
15													1	0.40	0.63
16									0.281	0.008	0.412	0.029	1	0.55	0.73
17									0.281	0.004	0.393	0.032	1	0.71	0.72
18									0.280	0.007	0.422	0.022	1	0.64	0.71
19													1	0.50	0.63
20													1	0.48	0.61
21									0.320	0.007	0.444	0.041	1	0.54	0.72
22									0.434	0.008	0.497	0.033	1	0.57	0.80
23									0.308	0.008	0.451	0.032	1	0.51	0.71
24									0.543	0.005	0.486	0.034	1	0.56	0.77
25									0.459	0.011	0.463	0.045	1	0.42	0.79
26													1	0.44	0.78
27													1	0.43	0.79
28													1	0.46	0.84
29													1	0.45	0.63
30													1	0.46	0.62
31													1	0.48	0.61

DATE	Water Treated MCRW	Purchased CEG	Chemicals Used--Pounds					Filters		Chlorine Residual				Remarks		
			Lime	Soda Ash	Carbon	Chlorine	Flouride	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.			
											Plant Tap	Total	D.S.			Total
1	488.0	121.0				4	22.7		9.3	29	0.71	0.76	0.71	0.76		
2	691.0	102.0				5	31.0		13.8	3	0.70	0.75	0.70	0.75		
3	560.0	181.0				3	25.6		10.5	29	0.68	0.77	0.68	0.77		
4	688.0	164.0				5	41.8		13.7	30	0.70	0.75	0.54	0.25		
5	611.0	115.0				4	21.1		12.3	29	0.68	0.74	0.22	0.25		
6	644.0	169.0				4	25.4		12.8	30	0.71	0.75	0.20	0.24		
7	721.0	153.0				6	34.4		14.2	29	0.55	0.65	0.17	0.27		
8	570.0	130.0				5	24.6		11.2	30	0.50	0.61	0.20	0.26		
9	654.0	121.0				6	28.4		12.8	29	0.55	0.60	0.18	0.25		
10	599.0	210.0				5	27.0		11.5	33	0.58	0.63	0.17	0.23		
11	579.0	136.0				5	39.6		11.5	30	0.55	0.67	0.16	0.20		
12	723.0	69.0				5	22.4		14.3	29	0.47	0.43	0.25	0.31		
13	598.0	111.0				4	36.5		12.2	30	0.48	0.42	0.18	0.23		
14	568.0	124.0				5	13.9		11.2	29	0.40	0.49	0.19	0.27		
15	665.0	117.0				5	32.4		12.5	30	0.40	0.46	0.48	0.26		
16	583.0	122.0				4	43.3		11.7	29	0.55	0.62	0.18	0.21		
17	581.0	118.0				4	17.6		11.6	30	0.41	0.66	0.11	0.16		
18	696.0	173.0				6	34.5		13.6	30	0.64	0.68	0.16	0.20		
19	621.0	160.0				4	31.3		12.6	29	0.50	0.60	0.18	0.24		
20	705.0	147.0				4	34.4		14.2	30	0.48	0.58	0.26	0.31	Total Gallons	19,554,000
21	650.0	123.0				5	31.2		12.9	30	0.54	0.62	0.15	0.21	Max. Day	
22	684.0	75.0				4	33.7		13.1	29	0.57	0.69	0.21	0.32	Min. Day	630,774
23	579.0	187.0				5	27.1		11.5	30	0.51	0.56	0.26	0.40		
24	635.0	174.0				4	29.9		12.2	30	0.56	0.65	0.26	0.34		
25	712.0	122.0				5	31.9		13.7	29	0.42	0.60	0.27	0.45		
26	626.0	161.0				5	20.4		12.3	31	0.44	0.59	0.26	0.44		
27	670.0	167.0				5	40.5		12.9	29	0.43	0.61	0.26	0.43	Mail To:	
28	645.0	181.0				4	30.3		12.2	0	0.46	0.43	0.34	0.40		
29	669.0	235.0				5	26.5		12.0	30	0.45	0.42	0.27	0.43		
30	602.0	116.0				5	27.1		11.6	30	0.46	0.42	0.29	0.42		
31	537.0	148.0				6	27.1		10.8	30	0.48	0.41	0.30	0.42		