

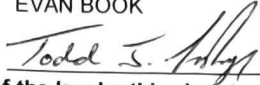
MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

Report for TOWN OF MEDORA

for the Month of May-24

IDEM Field Rep. EVAN BOOK

Signed



Title Superintendent

I certify, under penalty of the 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 240032

Public Water Supply ID No. 5236004

PHYSICAL AND CHEMICAL DATA *

Date	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Phos. Finished	Fluoride Finished
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished		
1									0.29		0.27			
2									0.39		0.28			
3									0.48		0.28			
4									0.38		0.26			
5									0.36		0.27			
6									0.43		0.29			
7									0.37		0.27			
8									0.53		0.26			
9									0.32		0.27			
10									0.33		0.24			
11									0.39		0.27			
12									0.36		0.26			
13									0.49		0.29			
14									0.49		0.29			
15									0.49		0.27			
16									0.42		0.26			
17									0.55		0.28			
18									0.47		0.26			
19									0.41		0.27			
20									0.57		0.27			
21									0.4		0.26			
22									0.33		0.26			
23									0.39		0.26			
24									0.29		0.24			
25									0.37		0.27			
26									0.48		0.27			
27									0.36		0.26			
28									0.42		0.25			
29									0.28		0.24			
30									0.36		0.24			
31									0.31		0.26			
Ave.					#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.404	#DIV/0!	0.3	#DIV/0!		#DIV/0!

* All parameters are expressed in mg/l, except pH and turbidity.

Date	Water Treated		Chemicals Used - Pounds							Filters		Chlorine Residual				Remarks
	X1000 gal.	Salt x100	Alum	Lime	Soda Ash	Carbon Dioxide	Chlorine	Fluoride	Phos- phate	Filter Run Hrs	Gal. Per Washx1000	Free		Dist. Syst.		
												Free	Total	Free	Total	
1	40											0.51	0.57	0.43	0.46	
2	36							0.59				0.49	0.54	0.43	0.45	
3	39							0.48				0.52	0.58	0.41	0.47	
4	35							0.51				0.71	0.77	0.62	0.66	
5	40							0.46				0.63	0.66	0.54	0.61	
6	38							0.5				0.57	0.53	0.43	0.51	
7	40							0.38				0.61	0.66	0.54	0.57	
8	9							0.41				0.46	0.52	0.33	0.44	
9	37							0.47				0.49	0.55	0.35	0.42	
10	42							0.44				0.56	0.63	0.4	0.54	
11	37							0.62				0.64	0.68	0.5	0.56	
12	37							0.5				0.61	0.66	0.54	0.59	
13	42							0.57				0.51	0.54	0.35	0.45	
14	0							0.68				0.34	0.39	0.27	0.41	
15	39							0.7				0.31	0.37	0.26	0.32	
16	42							0.64				0.42	0.45	0.34	0.39	
17	39							0.55				0.53	0.55	0.45	0.49	
18	0							0.69				0.41	0.44	0.28	0.31	
19	41							0.57				0.47	0.51	0.34	0.39	
20	32							0.59				0.41	0.48	0.29	0.34	
21	36							0.6				0.67	0.71	0.55	0.61	Monthly Water Treatment
22	38							0.63				0.42	0.45	0.28	0.35	Total Gallons 1,048,000
23	40							0.54				0.44	0.49	0.33	0.37	Max. Day 42,000
24	37							0.45				0.48	0.52	0.36	0.39	Min. Day 0
25	39							0.48				0.57	0.6	0.43	0.49	Avg. Daily 33,806
26	36							0.48				0.37	0.44	0.33	0.39	
27	40							0.51				0.55	0.59	0.42	0.49	
28	36							0.67				0.57	0.65	0.49	0.52	Backwash Water Used 0
29	0							0.52				0.36	0.44	0.26	0.31	
30	41							0.49				0.55	0.62	0.41	0.44	
31	40							0.74				0.44	0.47	0.39	0.41	
Ave.	34	###	#####	####		#DIV/0!	0.16	#DIV/0!		#DIV/0!	#DIV/0!	0.5	0.55	0.4	0.456	
Total	1,048	0	0	0		0	0.00	0		0	0					