

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Dec-21

System Name:	Elkton, City of		ID#: 41	00276			WTP : TP -	A
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]	
1	0.06	0.07	0.03	0.04	0.07	0.06	0.11	
2	0.07	0.03	0.05	0.09	0.07	0.07	0.10	
3	0.03	0.05	0.06	0.04	0.08	0.04	0.13	
4	0.05	0.06	0.08	0.04	0.05	0.05	0.08	
5	0.07	0.03	0.05	0.06	0.09	0.04	0.13	
6	0.04	0.06	0.07	0.05	0.04	0.05	0.15	
7	0.07	0.07	0.08	0.08	0.04	0.05	0.11	
8	0.07	0.08	0.08	0.04	0.04	0.06	0.15	
9	0.07	0.07	0.08	0.04	0.04	0.06	0.23	
10	0.07	0.07	0.08	0.04	0.05	0.07	0.10	
11	0.07	0.07	0.04	0.04	0.06	0.07	0.09	
12	0.04	0.05	0.06	0.04	0.05	off	0.11	
13	off	off	off	off	off	off	off	
14	off	off	0.09	0.06	0.05	0.07	0.21	
15	0.09	0.09	0.10	0.15	0.15	0.14	0.30	
16	0.13	0.14	0.15	0.25	0.12	0.13	0.46	
17	0.15	0.16	0.16	0.08	0.10	0.11	0.17	
18	0.11	0.06	0.06	0.12	0.11	0.05	0.17	
19	0.06	0.09	0.09	0.10	0.08	0.06	0.29	
20	0.09	0.10	0.10	0.15	0.06	0.08	0.16	
21	0.09	0.10	0.10	0.05	0.07	0.09	0.25	
22	0.10	0.14	0.07	0.08	0.06	0.08	0.24	
23	0.10	0.10	0.05	0.05	0.09	0.09	0.16	
24	0.04	0.07	0.08	0.08	0.06	0.08	0.68	
25	0.10	0.05	0.08	0.09	0.09	0.06	0.51	
26	0.07	0.08	0.09	0.10	0.07	0.08	0.41	
27	0.10	0.10	0.10	0.06	0.09	0.12	0.90	
28	0.09	0.12	0.13	0.31	0.07	0.09	0.31	
29	0.11	0.11	0.11	0.10	0.08	0.11	0.90	
30	0.12	0.08	0.08	0.10	0.11	0.12	0.28	
31	0.07	0.13	0.13	0.14	0.14	off	0.66	

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE ² triggers	Yes / No		
Notes:		PRINTED NAME: Gary Trout	
		SIGNATURE: <i>[Signature]</i>	DATE: 1/10/2022
		PHONE #: (541)584-2547	CERT #: 5316

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : **A**

System Name: **Elkton, City of** ID#: **41 00276** Month/Year: **Dec 2021** Disinfection *Giardia* Log Inactiv: **0.5**

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.2	50	60.0	11.0	6.90	17.9	yes	105
2	1.1	50	55.0	11.0	7.00	18.3	yes	105
3	1.2	50	60.0	11.0	7.00	18.5	yes	105
4	1.2	50	60.0	11.0	6.90	17.9	yes	105
5	1	50	50.0	11.0	6.90	17.5	yes	106
6	1	50	50.0	11.0	7.00	18.1	yes	106
7	1.5	50	75.0	11.0	7.00	19.1	yes	106
8	1.7	50	85.0	11.0	7.00	19.5	yes	105
9	1.1	50	55.0	10.0	6.90	18.8	yes	106
10	1.1	50	55.0	11.0	7.00	18.3	yes	107
11	1.4	50	70.0	10.0	7.00	20.2	yes	106
12	1.4	50	70.0	10.0	6.90	19.5	yes	106
13	1.2	50	60.0	off	off	4.5	off	off
14	0.8	50	40.0	9.0	6.90	19.5	yes	108
15	1.6	50	80.0	9.0	6.90	21.3	yes	104
16	1.4	50	70.0	9.0	6.80	20.1	yes	103
17	1.3	50	65.0	9.0	6.80	19.9	yes	104
18	1.2	50	60.0	9.0	6.80	19.6	yes	103
19	1.2	50	60.0	9.0	6.80	19.6	yes	103
20	1.6	50	80.0	9.0	6.80	20.5	yes	104
21	1.1	50	55.0	9.0	6.80	19.4	yes	104
22	1.4	50	70.0	9.0	6.80	20.1	yes	104
23	1.3	50	65.0	9.0	6.80	19.9	yes	102
24	1.6	50	80.0	9.0	6.90	21.3	yes	102
25	1.6	50	80.0	9.0	6.90	21.3	yes	102
26	1.6	50	80.0	9.0	6.80	20.5	yes	102
27	1.5	50	75.0	8.0	6.90	22.5	yes	101
28	1.2	50	60.0	8.0	6.80	21.0	yes	102
29	1.5	50	75.0	7.0	6.80	23.2	yes	103
30	1.5	50	75.0	7.0	6.80	23.2	yes	103
31	1.4	50	70.0	7.0	6.80	22.9	yes	103

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.