

OHA - Drinking Water Program -Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Douglas

Month/Year: Dec-22 22

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 <sup>1</sup> [NTU]	
1	0.07	0.07	0.07	0.02	0.04	0.06	0.08	
2	0.07	0.07	0.02	0.05	0.11	0.08	0.11	
3	0.04	0.05	0.07	0.08	0.04	0.05	0.17	
4	0.08	0.08	0.09	0.04	0.04	0.07	0.16	
5	0.09	0.08	0.09	0.11	0.05	0.08	0.26	
6	0.10	0.11	0.05	0.07	0.09	0.11	0.35	
7	0.04	0.05	0.08	0.08	0.04	0.12	0.32	
8	0.12	0.13	0.13	0.11	0.05	0.05	0.22	
9	0.08	0.09	0.09	0.03	0.13	0.05	0.20	
10	0.15	0.12	0.14	0.07	0.05	0.07	0.45	
11	0.10	0.10	0.05	0.07	0.10	0.09	0.32	
12	0.10	0.04	0.07	0.06	0.04	0.05	0.21	
13	0.08	0.10	0.10	0.11	0.06	0.09	0.16	
14	0.11	0.11	0.06	0.17	0.17	0.16	0.25	
15	0.09	0.10	0.13	0.06	0.20	0.20	0.23	
16	0.20	0.21	0.08	0.07	0.13	0.17	0.34	
17	0.18	0.19	0.09	0.14	0.15	0.07	0.37	
18	0.11	0.12	0.14	0.10	0.06	0.07	0.30	
19	0.10	0.12	0.13	0.08	0.19	0.20	0.21	
20	0.21	0.06	0.13	0.09	0.13	0.17	0.57	
21	0.07	0.08	0.10	0.15	0.06	0.12	0.44	
22	0.13	0.13	0.13	0.07	0.12	0.18	0.22	
23	0.18	0.18	0.19	0.08	0.06	0.08	0.27	
24	0.10	0.11	0.12	0.06	0.17	0.20	0.53	
25	0.20	0.07	off	off	off	off	0.52	
26	off	off	off	off	off	off	off	
27	off	off	off	0.13	0.07	off	0.69	
28	off	off	off	off	off	off	off	
29	off	off	off	0.03	0.04	off	0.93	
30	off	off	off	0.10	off	off	0.90	
31	off	off	off	off	off	off	off	

Conventional or Direct Filtration


Monthly Summary (Answer Yes or No)

95% of daily turbidity readings ≤ 0.3 NTU?  Yes / No  
 All daily turbidity readings ≤ 1 NTU?  Yes / No  
 All turbidity readings < IFE<sup>2</sup> triggers  Yes / No

CT's met everyday? (see back)  Yes / No  
 All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l?  Yes / No

Notes:

PRINTED NAME: Gary Trout

SIGNATURE: 

DATE: 1/6/23

PHONE #: (541) 584-2547

CERT #: 5316

<sup>1</sup> 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. <sup>2</sup> IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: **Elkton, City of** ID#: **41 00276** Month/Year: **Dec. 2022** WTP -: **A**  
 Disinfection *Giardia* Log Inactiv: **0.5**

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? <sup>3</sup> Yes / No	Peak Hourly Demand Flow [GPM]
1	1.1	50	55.0	8.0	6.90	21.5	yes	106
2	0.9	50	45.0	8.0	6.90	21.0	yes	106
3	1	50	50.0	7.0	6.90	22.7	yes	106
4	1	50	50.0	7.0	6.90	22.7	yes	106
5	0.8	50	40.0	7.0	6.90	22.2	yes	106
6	1	50	50.0	7.0	6.90	22.7	yes	106
7	0.8	50	40.0	7.0	6.90	22.2	yes	106
8	0.8	50	40.0	7.0	6.90	22.2	yes	106
9	1	50	50.0	8.0	6.80	18.3	yes	106
10	0.9	50	45.0	8.0	6.80	20.3	yes	106
11	0.8	50	40.0	8.0	6.80	20.1	yes	106
12	0.7	50	35.0	7.0	6.80	21.2	yes	106
13	0.8	50	40.0	7.0	6.80	21.4	yes	106
14	0.9	50	45.0	7.0	6.80	21.7	yes	107
15	0.8	50	40.0	7.0	6.80	21.4	yes	107
16	0.6	50	30.0	7.0	6.80	20.9	yes	107
17	0.8	50	40.0	7.0	6.80	21.4	yes	107
18	0.8	50	40.0	7.0	6.90	22.2	yes	106
19	1	50	50.0	8.0	6.80	20.5	yes	105
20	1.1	50	55.0	7.0	6.80	22.1	yes	105
21	1	50	50.0	7.0	6.80	21.9	yes	105
22	1.1	50	55.0	7.0	6.80	22.1	yes	105
23	1	50	50.0	8.0	6.80	20.5	yes	105
24	0.6	50	30.0	7.0	6.90	21.7	yes	106
25	0.8	50	40.0	7.0	6.90	22.2	yes	108
26	0.9	50	45.0	8.0	6.90	21.0	off	off
27	0.9	50	45.0	8.0	6.80	18.3	yes	108
28	0.8	50	40.0	9.0	6.80	4.4	off	off
29	0.8	50	40.0	9.0	6.80	18.8	yes	105
30	0.9	50	45.0	10.0	6.80	17.8	yes	104
31	0.7	50	35.0	10.0	6.80	4.4	off	off

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.