

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Oct-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 <sup>1</sup> [NTU]
1	0.12	0.05	0.08	0.11	0.20	0.04	0.22
2	0.07	0.10	0.11	0.12	0.04	0.07	0.14
3	0.09	0.11	0.12	0.04	0.04	0.09	0.20
4	0.10	0.12	0.13	0.04	0.11	0.13	0.14
5	0.11	0.04	0.06	0.05	0.10	0.12	0.18
6	0.05	0.08	0.11	0.05	0.05	0.09	0.19
7	0.11	0.13	0.05	0.07	0.18	0.04	0.19
8	0.05	0.08	0.10	0.11	0.15	0.04	0.36
9	0.06	0.09	0.11	0.16	0.03	0.08	0.18
10	0.09	0.10	0.12	0.14	0.04	0.06	0.16
11	0.09	0.10	0.12	0.03	0.09	0.12	0.42
12	0.10	0.11	0.04	0.03	0.09	0.09	0.16
13	0.10	0.04	0.05	0.04	0.04	0.04	0.17
14	0.08	0.10	0.11	0.03	0.10	0.12	0.15
15	0.10	0.04	0.03	0.05	0.17	0.13	0.19
16	0.04	0.06	0.09	0.12	0.21	0.03	0.22
17	0.06	0.09	0.11	0.12	0.05	0.04	0.24
18	0.08	0.09	0.11	0.05	0.04	0.05	0.17
19	0.08	0.10	0.11	0.13	0.03	0.06	0.14
20	0.09	0.13	0.11	0.04	0.03	0.08	0.15
21	0.09	0.10	0.05	0.09	0.14	0.03	0.97
22	0.04	0.08	0.09	0.04	0.04	0.09	0.15
23	0.10	0.11	0.04	0.04	0.09	0.10	0.13
24	0.04	0.06	0.09	0.17	off	off	0.24
25	off	off	0.06	0.06	0.13	0.15	0.17
26	0.16	0.17	0.19	0.29	0.24	0.24	0.31
27	0.13	0.11	0.16	0.19	0.22	0.07	0.40
28	0.08	0.11	0.13	0.28	0.06	0.05	0.33
29	0.11	0.15	0.16	0.09	0.06	0.07	0.54
30	0.11	0.13	0.14	0.05	0.05	0.08	0.15
31	0.12	0.13	0.04	0.04	0.12	0.13	0.15

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: *[Signature]* DATE: 11/3/21  
 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: \_\_\_\_\_ WTP -: **A**  
 Disinfection *Giardia* Log Inactiv: \_\_\_\_\_ 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1	50	50.0	18.0	7.00	11.1	yes	109
2	0.9	50	45.0	18.0	7.00	11.0	yes	109
3	1	50	50.0	17.0	7.00	11.9	yes	110
4	1.1	50	55.0	17.0	7.00	12.0	yes	110
5	1.1	50	55.0	17.0	7.00	12.0	yes	105
6	1.1	50	55.0	17.0	7.00	12.0	yes	105
7	1.2	50	60.0	17.0	7.00	12.2	yes	105
8	1	50	50.0	16.0	7.00	12.7	yes	107
9	1.2	50	60.0	17.0	7.00	12.2	yes	106
10	1.2	50	60.0	15.0	7.00	13.9	yes	105
11	1.3	50	65.0	15.0	7.00	14.1	yes	107
12	1.3	50	65.0	15.0	7.00	14.1	yes	106
13	1.1	50	55.0	15.0	7.00	13.8	yes	105
14	1.1	50	55.0	15.0	7.00	13.8	yes	105
15	1	50	50.0	15.0	7.00	13.6	yes	105
16	1.1	50	55.0	14.0	7.00	14.7	yes	106
17	1.6	50	80.0	15.0	7.00	14.6	yes	105
18	1.4	50	70.0	14.0	7.00	15.2	yes	106
19	1.5	50	75.0	14.0	7.00	15.4	yes	106
20	1.5	50	75.0	14.0	7.00	15.4	yes	105
21	1.1	50	55.0	15.0	7.00	13.8	yes	108
22	1.5	50	75.0	14.0	7.00	15.4	yes	106
23	1.1	50	55.0	14.0	7.00	14.7	yes	106
24	1.1	50	55.0	13.0	7.00	15.7	yes	107
25	1.1	50	55.0	13.0	7.00	15.7	yes	106
26	0.8	50	40.0	13.0	7.00	15.2	yes	106
27	0.8	50	40.0	13.0	7.00	15.2	yes	106
28	1.2	50	60.0	13.0	7.00	15.9	yes	105
29	1.5	50	75.0	14.0	7.00	15.4	yes	105
30	1.5	50	75.0	13.0	7.00	16.5	yes	106
31	1.4	50	70.0	14.0	7.00	15.2	yes	106

<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.