

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Month/Year: Aug-22

Conventional or Direct Filtration

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	0.08	0.08	0.70	0.06	0.08	0.20
2	0.06	0.06	0.06	0.09	0.06	0.08	0.25
3	0.07	0.07	0.09	0.07	0.08	0.10	0.23
4	0.10	0.10	0.11	0.10	0.09	0.09	0.21
5	0.10	0.07	0.09	0.16	0.06	0.07	0.31
6	0.08	0.09	0.07	0.06	0.06	0.07	0.21
7	0.06	0.07	0.08	0.06	0.14	0.09	0.32
8	0.08	0.09	0.09	0.12	0.07	0.07	0.21
9	0.07	0.08	0.08	0.09	0.10	0.08	0.17
10	0.10	0.11	0.10	0.11	0.09	0.08	0.23
11	0.09	0.08	0.08	0.08	0.07	0.07	0.30
12	0.08	0.09	0.08	0.08	0.08	0.09	0.33
13	0.09	0.08	0.08	0.08	0.07	0.07	0.30
14	0.09	0.08	0.08	0.06	0.07	0.07	0.30
15	0.08	0.08	0.08	0.06	0.05	0.06	0.24
16	0.06	0.06	0.06	0.07	0.09	0.07	0.18
17	0.09	0.08	0.09	0.08	0.07	0.08	0.27
18	0.09	0.16	0.12	0.23	0.16	0.06	0.71
19	0.04	0.05	0.06	0.04	0.04	0.05	0.19
20	0.03	0.05	0.06	0.03	0.03	0.05	0.08
21	0.06	0.03	0.06	0.03	0.03	0.05	0.14
22	0.04	0.05	0.07	0.03	0.05	0.04	0.10
23	0.04	0.06	0.08	0.05	0.05	0.07	0.16
24	0.05	0.07	0.08	0.04	0.03	0.07	0.11
25	0.04	0.06	0.08	0.03	0.05	0.04	0.15
26	0.06	0.07	0.04	0.09	0.03	0.10	0.11
27	0.04	0.06	0.08	0.03	0.03	0.03	0.11
28	0.03	0.06	0.03	0.03	0.03	0.08	0.14
29	0.04	0.06	0.08	0.03	0.03	0.08	0.11
30	0.03	0.05	0.08	0.04	0.03	0.06	0.21
31	0.03	0.05	0.08	0.03	0.03	0.08	0.13

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 < IFE² triggers Yes / No

CT's met everyday? (see back) Yes / No
 All Cl₂ residual at entry point ≥ 0.2 mg/l? Yes / No

Notes:

PRINTED NAME: Gary Trout

SIGNATURE:  DATE: 9/8/22

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

System Name: **Elkton, City of** ID#: **41 00276** Month/Year: **Aug-22** WTP - : **A**
 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	0.8	50	40.0	25.0	7.10	7.0	yes	108
2	1.2	50	60.0	25.0	7.10	7.4	yes	108
3	0.7	50	35.0	25.0	7.10	6.9	yes	107
4	0.6	50	30.0	25.0	7.10	6.9	yes	109
5	1.2	50	60.0	24.0	7.10	7.9	yes	108
6	1.1	50	55.0	25.0	7.10	7.3	yes	107
7	0.8	50	40.0	25.0	7.10	7.0	yes	108
8	0.7	50	35.0	24.0	7.10	7.4	yes	109
9	0.8	50	40.0	23.0	7.10	8.0	yes	110
10	0.9	50	45.0	24.0	7.10	7.6	yes	109
11	1.1	50	55.0	24.0	7.10	7.8	yes	108
12	1	50	50.0	24.0	7.10	7.7	yes	108
13	1.1	50	55.0	24.0	7.10	7.8	yes	107
14	1.1	50	55.0	23.0	7.10	8.3	yes	107
15	0.9	50	45.0	24.0	7.10	7.6	yes	109
16	0.8	50	40.0	24.0	7.10	7.5	yes	106
17	1.1	50	55.0	24.0	7.10	7.8	yes	107
18	0.7	50	35.0	25.0	7.10	6.9	yes	108
19	0.8	50	40.0	24.0	7.10	7.5	yes	108
20	1	50	50.0	24.0	7.10	7.7	yes	107
21	0.9	50	45.0	25.0	7.10	7.1	yes	106
22	0.8	50	40.0	24.0	7.10	7.5	yes	108
23	1	50	50.0	24.0	7.00	7.4	yes	108
24	1.1	50	55.0	25.0	7.00	7.0	yes	107
25	1.1	50	55.0	24.0	7.00	7.5	yes	107
26	1.1	50	55.0	25.0	7.00	7.0	yes	107
27	0.9	50	45.0	24.0	7.00	7.3	yes	106
28	1.1	50	55.0	24.0	7.00	7.5	yes	107
29	0.9	50	45.0	23.0	7.00	7.8	yes	107
30	1.3	50	65.0	23.0	7.00	8.2	yes	108
31	0.9	50	45.0	23.0	7.00	7.8	yes	107

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