

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Jan-23

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	0.25	0.25	0.24	0.24	0.06	0.08	0.54
2	off	off	off	0.06	off	off	0.30
3	off	off	off	0.08	0.04	0.08	0.25
4	0.11	0.12	0.12	0.19	off	off	0.35
5	off	off	off	0.07	0.05	off	0.27
6	0.17	0.16	0.16	0.08	0.25	0.28	0.59
7	0.28	0.26	off	off	off	off	0.30
8	off	off	off	0.17	off	off	0.26
9	off	off	off	0.04	0.05	0.15	0.59
10	0.14	0.15	0.04	0.04	0.11	0.12	0.89
11	0.14	0.15	0.14	0.04	0.07	0.08	0.19
12	0.10	0.12	0.12	0.07	0.08	0.11	0.23
13	0.02	0.03	0.10	0.07	0.07	0.10	0.37
14	0.09	off	off	off	off	off	0.30
15	off	off	off	off	off	0.06	0.36
16	off	off	0.19	0.13	0.20	off	0.31
17	off	off	0.23	0.10	0.09	0.11	0.32
18	off	off	off	0.07	0.22	off	0.30
19	off	off	off	0.09	0.08	0.10	0.42
20	0.12	0.13	0.13	0.12	0.17	0.17	0.24
21	0.18	0.19	0.19	0.10	0.07	0.07	0.37
22	0.09	0.11	0.11	0.12	0.09	0.22	0.23
23	0.20	0.21	0.22	0.10	0.08	0.11	0.34
24	0.13	0.09	0.17	0.10	0.16	0.08	0.32
25	0.08	0.11	0.12	0.03	0.06	0.09	0.23
26	0.10	0.10	0.09	0.05	0.03	0.03	0.23
27	0.06	0.07	0.08	0.08	0.04	0.08	0.21
28	0.08	0.10	0.10	0.04	0.19	0.04	0.25
29	0.11	0.03	0.03	0.06	0.15	0.08	0.16
30	0.02	0.05	0.09	0.04	0.13	0.03	0.21
31	0.04	0.08	0.09	0.02	0.05	0.06	0.36

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: 2/9/23

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: **Jan 2023**

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	0.5	50	25.0	10.0	6.80	17.0	Yes	106
2	0.8	50	40.0	9.0	6.70	18.2	Yes	109
3	0.8	50	40.0	9.0	6.80	18.8	Yes	107
4	0.8	50	40.0	9.0	6.80	18.8	Yes	107
5	0.6	50	30.0	9.0	6.80	18.4	Yes	109
6	0.7	50	35.0	9.0	6.80	18.6	Yes	109
7	0.9	50	45.0	9.0	6.80	19.0	Yes	105
8	1.2	50	60.0	10.0	6.80	18.4	Yes	105
9	0.8	50	40.0	9.0	6.80	18.8	Yes	107
10	0.8	50	40.0	9.0	6.80	18.8	Yes	106
11	0.9	50	45.0	9.0	6.90	19.7	Yes	107
12	0.6	50	30.0	9.0	6.90	19.0	Yes	107
13	1.7	50	85.0	9.0	6.90	21.5	Yes	105
14	1.1	50	55.0	9.0	6.90	20.1	Yes	105
15	1.3	50	65.0	10.0	6.90	19.3	Yes	109
16	1.4	50	70.0	9.0	6.90	20.8	Yes	108
17	1.5	50	75.0	10.0	6.80	19.0	Yes	109
18	1.4	50	70.0	10.0	6.80	18.8	Yes	108
19	1.4	50	70.0	9.0	6.80	20.1	Yes	109
20	1.3	50	65.0	9.0	6.80	19.9	Yes	107
21	1.6	50	80.0	9.0	6.80	20.5	Yes	107
22	2	50	100.0	8.0	6.80	23.0	Yes	107
23	2	50	100.0	8.0	6.80	23.0	Yes	107
24	1.3	50	65.0	7.0	6.80	22.7	Yes	107
25	1.9	50	95.0	7.0	6.80	24.3	Yes	108
26	1.8	50	90.0	7.0	6.90	24.8	Yes	107
27	1.9	50	95.0	7.0	6.90	25.1	Yes	107
28	1.6	50	80.0	8.0	6.90	22.7	Yes	107
29	2	50	100.0	7.0	6.90	25.4	Yes	106
30	1.2	50	60.0	6.0	6.90	24.8	Yes	106
31	1.3	50	65.0	6.0	6.90	25.1	Yes	106

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