OHA - Drinking Water Services -Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: **Douglas**
Month/Year: **Jul-24**
WTP : TP - **A**

System Name: **City of Elkton**   ID#: **41 00276**

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	0.08	0.10	0.06	0.06	0.06	0.11	0.34
2	0.06	0.09	0.10	0.04	0.04	0.07	0.36
3	0.04	0.06	0.08	0.05	0.04	0.07	0.32
4	0.04	0.06	0.08	0.04	0.04	0.08	0.32
5	0.04	0.07	0.08	0.11	0.05	0.05	0.33
6	0.04	0.06	0.08	0.04	0.04	0.07	0.37
7	0.05	0.04	0.07	0.05	0.04	0.06	0.43
8	0.08	0.09	0.05	0.05	0.05	0.07	0.50
9	0.05	0.08	0.08	0.05	0.05	0.08	0.36
10	0.05	0.07	0.08	0.06	0.05	0.05	0.43
11	0.06	0.08	0.06	0.06	0.06	0.05	0.37
12	0.08	0.09	0.06	0.06	0.10	0.06	0.39
13	0.05	0.07	0.09	0.06	0.05	0.05	0.42
14	0.07	0.09	0.10	0.05	0.07	0.05	0.35
15	0.06	0.09	0.14	0.06	0.06	0.06	0.30
16	0.05	0.08	0.10	0.13	0.08	off	0.43
17	off	off	off	0.09	0.08	0.07	0.20
18	0.07	0.07	0.09	0.09	0.07	0.10	0.22
19	0.07	0.09	0.10	0.07	0.07	0.07	0.32
20	0.07	0.07	0.09	0.09	0.08	0.08	0.21
21	0.09	0.10	0.11	0.08	0.08	0.11	0.34
22	0.10	0.08	0.08	0.10	0.08	0.09	0.59
23	0.10	0.08	0.10	0.09	0.08	0.10	0.23
24	0.08	0.10	0.11	0.08	0.08	0.08	0.31
25	0.09	0.10	0.16	0.08	0.08	0.09	0.31
26	0.10	0.07	0.09	0.09	0.08	0.07	0.29
27	0.09	0.10	0.11	0.10	0.08	0.08	0.33
28	0.07	0.07	0.07	0.07	0.08	0.07	0.30
29	0.07	0.10	0.11	0.07	0.07	0.06	0.22
30	0.10	0.10	0.07	0.12	0.07	0.07	0.51
31	0.08	0.10	0.11	0.08	0.07	0.08	0.18

Conventional or Direct Filtration

95% of 4-hour turbidity readings ≤ 0.3 NTU?	**Yes** / No
All 4-hour turbidity readings ≤ 1 NTU?	**Yes** / No
All turbidity readings < IFE[2] triggers	**Yes** / No

Notes:

Monthly Summary (Answer Yes or No)

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

PRINTED NAME: Gary Trout
SIGNATURE:
PHONE #: (541)584-2547
8/8/24 5/8/2024
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)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name:	City of Elkton	ID#: 41 00276		Month/Year:	Jul-24	WTP - : A	
						Disinfection *Giardia* Log Inactive:	0.5

Date / Time	Minimum Cl₂ 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	1.1	50	55.0	23.0	7.00	8.0	YES	109
2	1	50	50.0	23.0	6.90	7.6	YES	109
3	0.9	50	45.0	24.0	6.90	7.0	YES	109
4	1	50	50.0	24.0	6.90	7.1	YES	109
5	0.9	50	45.0	25.0	6.90	6.6	YES	109
6	0.7	50	35.0	25.0	6.90	6.4	YES	109
7	1.1	50	55.0	25.0	6.90	6.7	YES	109
8	1.1	50	55.0	26.0	7.00	6.5	YES	109
9	0.9	50	45.0	26.0	7.00	6.4	YES	109
10	0.9	50	45.0	27.0	6.90	5.7	YES	109
11	0.9	50	45.0	26.0	6.90	6.1	YES	109
12	1.1	50	55.0	26.0	6.90	6.3	YES	109
13	1.4	50	70.0	27.0	6.90	6.1	YES	109
14	1	50	50.0	26.0	6.90	6.2	YES	109
15	1.5	50	75.0	25.0	6.90	7.1	YES	108
16	0.9	50	45.0	26.0	6.90	6.1	YES	109
17	0.9	50	45.0	25.0	6.90	6.6	YES	109
18	0.9	50	45.0	25.0	7.00	6.8	YES	109
19	1	50	50.0	26.0	7.00	6.5	YES	109
20	1	50	50.0	26.0	7.00	6.5	YES	109
21	0.8	50	40.0	25.0	7.00	6.8	YES	109
22	0.9	50	45.0	23.0	7.00	7.8	YES	109
23	0.7	50	35.0	23.0	7.00	7.7	YES	105
24	1	50	50.0	23.0	7.00	7.9	YES	105
25	0.6	50	30.0	23.0	7.00	7.6	YES	105
26	0.8	50	40.0	23.0	7.00	7.7	YES	105
27	1.2	50	60.0	24.0	7.00	7.6	YES	105
28	0.9	50	45.0	23.0	7.00	7.8	YES	105
29	0.9	50	45.0	22.0	7.00	8.4	YES	105
30	0.8	50	40.0	24.0	7.00	7.2	YES	107
31	1.2	50	60.0	23.0	7.00	8.1	YES	99

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised November 2022