

OHA - Drinking Water Program -Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Douglas

Month/Year: Sep-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 ¹ [NTU]
1	0.10	0.06	0.08	0.08	0.05	0.11	0.11
2	0.05	0.07	0.10	0.05	0.08	0.09	0.15
3	0.05	0.05	0.08	0.05	0.05	0.08	0.26
4	0.09	0.05	0.08	0.05	0.05	0.09	0.13
5	0.05	0.05	0.09	0.18	0.05	0.05	0.24
6	0.08	0.10	0.05	0.10	0.05	0.05	0.13
7	0.09	0.10	0.11	0.05	0.10	0.10	0.18
8	0.06	0.10	0.11	0.05	0.08	0.08	0.27
9	0.10	0.07	0.08	0.13	0.06	0.11	0.15
10	0.10	0.06	0.06	0.07	0.06	0.11	0.26
11	0.06	0.06	0.09	0.05	0.05	0.06	0.12
12	0.09	0.10	0.04	0.09	0.04	0.04	0.13
13	0.08	0.10	0.10	0.05	0.04	0.08	0.17
14	0.08	0.04	0.07	0.10	0.04	0.08	0.13
15	0.11	0.04	0.07	0.06	0.04	0.10	0.20
16	0.04	0.07	0.09	0.04	0.10	0.06	0.13
17	0.06	0.09	0.10	0.05	0.04	0.10	0.15
18	0.14	off	0.09	0.11	0.05	0.06	0.15
19	0.12	0.11	0.11	0.04	0.09	0.08	0.13
20	0.10	0.04	0.05	0.04	0.04	0.08	0.14
21	0.08	0.10	0.04	0.09	0.04	0.06	0.15
22	0.09	0.10	0.04	0.05	0.13	0.04	0.19
23	0.08	0.10	0.11	0.04	0.13	0.04	0.15
24	0.07	0.09	0.11	0.04	0.14	0.04	0.16
25	0.08	0.09	0.11	0.04	0.14	0.05	0.19
26	0.05	0.09	0.10	0.05	0.10	0.12	0.13
27	0.05	0.07	0.11	0.11	0.12	0.05	0.14
28	0.06	0.09	0.11	0.07	0.05	0.08	0.22
29	0.10	0.12	0.13	0.05	0.05	0.12	0.14
30	0.11	0.12	0.05	0.05	0.10	0.15	0.20
31							

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: *[Signature]*
 DATE: 10/5/2021
 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: **Sep 2021** WTP -: **A**
 Disinfection *Giardia* Log Inactiv: **0.5**

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1	1.5	50	75.0	21.0	7.00	9.6	yes	109
2	1.3	50	65.0	22.0	7.00	8.8	yes	109
3	1.2	50	60.0	21.0	7.00	9.3	yes	109
4	1.6	50	80.0	22.0	7.00	9.1	yes	108
5	1.5	50	75.0	21.0	7.00	9.6	yes	108
6	1.4	50	70.0	21.0	7.00	9.5	yes	108
7	1.7	50	85.0	22.0	7.10	9.6	yes	109
8	1.2	50	60.0	22.0	7.10	9.0	yes	108
9	1.1	50	55.0	22.0	7.00	8.6	yes	108
10	1.5	50	75.0	22.0	7.10	9.3	yes	108
11	1.5	50	75.0	22.0	7.00	9.0	yes	108
12	1.4	50	70.0	22.0	7.00	8.9	yes	108
13	1.1	50	55.0	21.0	7.00	9.2	yes	109
14	1.5	50	75.0	21.0	7.00	9.6	yes	109
15	1.3	50	65.0	21.0	7.00	9.4	yes	109
16	1.1	50	55.0	21.0	7.00	9.2	yes	110
17	1.4	50	70.0	19.0	7.00	10.9	yes	109
18	1.2	50	60.0	18.0	7.00	11.4	yes	110
19	1.3	50	65.0	19.0	7.00	10.8	yes	109
20	1	50	50.0	19.0	7.00	10.4	yes	109
21	1.6	50	80.0	19.0	7.00	11.2	yes	110
22	1.4	50	70.0	19.0	7.10	11.3	yes	109
23	1.1	50	55.0	19.0	7.10	10.9	yes	109
24	1.2	50	60.0	19.0	7.00	10.7	yes	109
25	1.1	50	55.0	20.0	7.00	9.8	yes	109
26	1	50	50.0	20.0	7.00	9.7	yes	109
27	0.8	50	40.0	19.0	7.00	10.2	yes	109
28	0.9	50	45.0	19.0	7.00	10.3	yes	109
29	0.9	50	45.0	18.0	7.00	11.0	yes	109
30	0.9	50	45.0	18.0	7.00	11.0	yes	109
31		50	0.0			4.2		

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