

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: May-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	0.06	0.04	0.04	0.06	0.06	0.07	0.11
2	0.03	0.05	0.06	0.11	0.08	0.03	0.15
3	0.05	0.06	0.07	0.06	0.04	0.06	0.15
4	0.06	0.07	0.07	0.04	0.06	0.07	0.08
5	0.07	0.04	0.06	0.09	0.04	0.05	0.17
6	0.06	0.07	0.04	0.04	0.06	0.07	0.16
7	0.08	0.04	0.06	0.10	0.09	0.04	0.43
8	0.05	0.07	0.07	0.10	0.04	0.05	0.36
9	0.06	0.07	0.07	0.03	0.03	0.05	0.15
10	0.05	0.06	0.03	0.04	0.07	0.02	0.14
11	0.03	0.05	0.05	0.03	0.03	0.04	0.15
12	0.03	0.06	0.06	0.05	0.03	0.06	0.12
13	0.13	0.04	0.05	0.03	0.03	0.04	0.08
14	0.05	0.06	0.10	0.03	0.03	0.08	0.10
15	0.05	0.06	0.06	0.03	0.03	0.06	0.13
16	0.03	0.09	0.05	0.05	0.03	0.03	0.10
17	0.03	0.03	0.03	0.03	0.03	0.05	0.14
18	0.06	0.06	0.07	0.03	0.06	0.06	0.09
19	0.13	0.16	0.16	0.17	0.12	0.03	0.35
20	0.08	0.09	0.09	0.03	0.03	0.06	0.12
21	0.06	0.07	0.07	0.03	0.05	0.07	0.10
22	0.06	0.07	0.03	0.03	0.06	0.07	0.10
23	0.03	0.04	0.06	0.07	0.03	0.03	0.22
24	0.04	0.06	0.06	0.03	0.03	0.05	0.12
25	0.06	0.03	0.04	0.06	0.07	0.03	0.10
26	0.04	0.07	0.07	0.03	0.07	0.07	0.11
27	0.03	0.05	0.06	0.03	0.03	0.06	0.09
28	0.06	0.07	0.07	0.03	0.06	0.07	0.11
29	0.03	0.06	0.07	0.03	0.03	0.03	0.08
30	0.06	0.06	0.07	0.03	0.03	0.03	0.10
31	0.05	0.07	0.03	0.03	0.03	0.03	0.12

<p>Conventional or Direct Filtration</p> <p>95% of daily turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No</p> <p>All daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No</p> <p>All turbidity readings < IFE² triggers <input checked="" type="radio"/> Yes / <input type="radio"/> No</p>		<p>Monthly Summary (Answer Yes or No)</p> <p>CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No</p> <p>All Cl₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No</p>	
<p>Notes:</p>		<p>PRINTED NAME: Gary Trout</p> <p>SIGNATURE: <i>[Signature]</i></p> <p>PHONE #: (541) 584-2547</p>	
		<p>DATE: 5/8/21</p> <p>CERT #: 5316</p>	

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: **May 2021** 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	1.2	50	60.0	15.0	6.90	13.4	YES	604
2	1.2	50	60.0	16.0	6.90	12.6	YES	105
3	1.2	50	60.0	16.0	7.00	13.0	YES	105
4	1.4	50	70.0	17.0	6.90	12.0	YES	105
5	1.4	50	70.0	17.0	6.90	12.0	YES	104
6	1.4	50	70.0	18.0	6.90	11.2	YES	104
7	1.2	50	60.0	18.0	6.90	11.0	YES	104
8	1.3	50	65.0	17.0	6.90	11.9	YES	104
9	1.3	50	65.0	18.0	7.00	11.5	YES	104
10	1.4	50	70.0	17.0	6.90	12.0	YES	105
11	1.4	50	70.0	17.0	6.90	12.0	YES	105
12	1.4	50	70.0	18.0	7.00	11.7	YES	105
13	1.3	50	65.0	18.0	7.00	11.5	YES	104
14	1.2	50	60.0	18.0	7.00	11.4	YES	104
15	1	50	50.0	19.0	7.00	10.4	YES	104
16	0.8	50	40.0	20.0	7.00	9.5	YES	104
17	1.7	50	85.0	20.0	6.90	10.2	YES	104
18	1.6	50	80.0	20.0	6.90	10.0	YES	104
19	1.3	50	65.0	19.0	7.00	10.8	YES	104
20	1	50	50.0	17.0	7.00	11.9	YES	104
21	1.5	50	75.0	17.0	7.00	12.6	YES	105
22	1.7	50	85.0	17.0	7.00	12.9	YES	104
23	1.8	50	90.0	18.0	7.00	12.2	YES	105
24	1.6	50	80.0	19.0	6.90	10.7	YES	105
25	1.3	50	65.0	18.0	6.90	11.1	YES	104
26	1.4	50	70.0	17.0	6.90	12.0	YES	107
27	2	50	100.0	17.0	6.90	12.9	YES	105
28	1.9	50	95.0	17.0	6.90	12.7	YES	105
29	1.9	50	95.0	18.0	6.90	11.9	YES	104
30	2	50	100.0	19.0	6.90	11.2	YES	104
31	1.9	50	95.0	21.0	6.90	9.7	YES	104

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