

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Jul-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	0.11	0.12	0.11	0.10	0.14	0.35	
2	0.11	0.13	0.13	0.08	0.07	0.07	0.23	
3	0.07	0.09	0.10	0.06	0.06	0.07	0.29	
4	0.08	0.14	0.13	0.07	0.38	0.24	0.65	
5	0.14	0.08	0.11	0.08	0.07	0.09	0.24	
6	0.07	0.07	0.09	0.07	0.07	0.11	0.29	
7	0.07	0.09	0.10	0.07	0.10	0.07	0.21	
8	0.07	0.10	0.10	0.08 0.09	0.08	0.10	0.19	
9	0.08	0.08	0.10	0.08	0.07	0.10	0.17	
10	0.08	0.08	0.10	0.07	0.07	0.10	0.28	
11	0.07	0.10	0.10	0.07	0.07	0.10	0.40	
12	0.10	0.11	0.11	0.08	0.07	0.08	0.15	
13	0.08	0.08	0.10	0.11	0.06	0.09	0.31	
14	0.07	0.09	0.09	0.07	0.07	0.09	0.52	
15	0.09	0.07	0.08	0.09	0.07	0.10	0.26	
16	0.07	0.07	0.09	0.08	0.07	0.07	0.28	
17	0.09	0.10	0.06	0.06	0.10	0.06	0.23	
18	0.08	0.09	0.10	0.07	0.07	0.07	0.49	
19	0.09	0.09	0.07	0.09	0.06	0.10	0.54	
20	0.07	0.09	0.10	0.08	0.48	0.09	0.96	
21	0.08	0.09	0.09	0.10	0.08	0.08	0.21	
22	0.10	0.11	0.08	0.08	0.11	0.07	0.20	
23	0.06	0.09	0.09	0.05	0.06	0.09	0.23	
24	0.06	0.07	0.08	0.06	0.09	0.10	0.23	
25	0.10	0.08	0.09	0.07	0.08	0.10	0.12	
26	0.08	0.08	0.10	0.08	0.08	0.10	0.21	
27	0.10	0.11	0.08	0.12	0.10	0.12	0.32	
28	0.10	0.11	0.12	0.08	0.08	0.10	0.23	
29	0.08	0.08	0.10	0.06	0.06	0.08	0.23	
30	0.07	0.07	0.09	0.06	0.08	0.08	0.29	
31	0.10	0.07	0.09	0.10	0.07	0.10	0.14	

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: Corrected July 8 NOON reading decimal error. GT 9/3/2021

PRINTED NAME: Gary Trout

SIGNATURE:  DATE: 8/6/21

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: **July 21** 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	25.0	7.10	7.4	yes	110
2	1.1	50	55.0	25.0	7.00	7.0	yes	110
3	1.3	50	65.0	25.0	7.00	7.2	yes	110
4	1	50	50.0	25.0	7.00	6.9	yes	110
5	1.1	50	55.0	25.0	7.00	7.0	yes	110
6	1.2	50	60.0	25.0	7.00	7.1	yes	110
7	1.2	50	60.0	25.0	7.00	7.1	yes	110
8	0.9	50	45.0	25.0	7.00	6.8	yes	109
9	1.1	50	55.0	25.0	7.00	7.0	yes	110
10	1	50	50.0	25.0	7.00	6.9	yes	109
11	0.8	50	40.0	26.0	7.00	6.3	yes	109
12	0.7	50	35.0	25.0	7.00	6.7	yes	110
13	1.2	50	60.0	25.0	7.00	7.1	yes	109
14	1.2	50	60.0	25.0	7.10	7.4	yes	108
15	0.8	50	40.0	25.0	7.10	7.0	yes	108
16	1.3	50	65.0	24.0	7.10	8.0	yes	107
17	1	50	50.0	25.0	7.10	7.2	yes	109
18	0.7	50	35.0	25.0	7.10	6.9	yes	109
19	0.7	50	35.0	24.0	7.10	7.4	yes	108
20	0.7	50	35.0	25.0	7.10	6.9	yes	108
21	0.7	50	35.0	25.0	7.10	6.9	yes	108
22	1.3	50	65.0	24.0	7.10	8.0	yes	108
23	1.2	50	60.0	24.0	7.10	7.9	yes	109
24	1	50	50.0	25.0	7.10	7.2	yes	109
25	0.9	50	45.0	25.0	7.10	7.1	yes	109
26	1	50	50.0	25.0	7.10	7.2	yes	110
27	0.9	50	45.0	25.0	7.10	7.1	yes	109
28	0.9	50	45.0	25.0	7.10	7.1	yes	109
29	1	50	50.0	25.0	7.10	7.2	yes	109
30	0.9	50	45.0	25.0	7.10	7.1	yes	109
31	1.3	50	65.0	25.0	7.10	7.4	yes	109

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