

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Douglas

Conventional or Direct Filtration

Month/Year: Dec-23

System Name: City of Elkton 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	0.04	0.04	0.06	0.15	0.12	0.05	0.17
2	0.08	0.09	0.05	0.13	0.13	0.10	0.22
3	0.18	0.18	0.20	0.04	0.04	off	0.22
4	off	off	off	off	off	off	off
5	off	off	off	0.09	0.08	0.08	0.17
6	off	off	off	0.15	0.11	0.16	0.25
7	0.19	0.19	0.20	0.12	0.08	0.12	0.27
8	0.15	0.16	0.08	0.15	0.08	0.14	0.28
9	0.10	0.18	0.19	0.09	0.09	0.19	0.23
10	0.22	0.24	0.24	0.24	0.11	0.09	0.33
11	0.09	0.19	0.19	0.21	0.11	0.18	0.50
12	0.18	0.11	0.27	0.13	0.10	0.14	0.30
13	0.18	0.20	0.10	0.15	0.21	0.09	0.26
14	0.13	off	off	0.17	0.11	0.10	0.40
15	0.14	0.17	0.19	0.13	0.10	0.10	0.28
16	0.14	0.16	0.09	0.26	0.30	0.11	0.69
17	off	off	off	0.16	0.30	0.11	0.67
18	0.11	0.14	0.16	0.04	off	off	0.47
19	off	off	off	0.05	0.06	0.12	0.15
20	0.13	0.07	0.16	0.05	0.09	0.03	0.65
21	0.06	0.06	0.09	0.04	0.13	off	0.93
22	off	off	0.10	0.06	0.14	0.04	0.47
23	0.04	0.07	0.09	0.04	0.03	0.04	0.31
24	0.07	0.09	0.10	0.03	0.07	0.09	0.34
25	0.08	0.11	0.11	0.03	0.07	0.09	0.13
26	0.10	0.05	0.09	0.05	0.10	0.04	0.15
27	0.08	0.09	0.10	0.19	0.09	0.14	0.31
28	0.14	0.15	0.15	0.04	0.04	0.08	0.59
29	0.03	0.06	0.09	0.09	0.12	0.19	0.27
30	0.09	0.30	0.17	0.25	0.17	0.05	0.72
31	0.04	0.09	0.11	0.10	0.07	0.13	0.27

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings \leq 0.3 NTU? Yes / No
 All 4-hour turbidity readings \leq 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 \geq 0.2 mg/l? Yes / No

Notes:

PRINTED NAME: Gary Trout

SIGNATURE: 

1/8/24 12/8/2023

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)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: City of Elkton ID#: 41 00276 Month/Year: **DEC** Nov-23 WTP - : A
 Disinfection Giardia Log Inactive: 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	1.7	50	85.0	8.0	6.90	23.0	YES	107
2	1.7	50	85.0	8.0	6.90	23.0	YES	108
3	1.5	50	75.0	9.0	6.90	21.0	YES	108
4	1.2	50	60.0	off	off	4.5	YES	off
5	1.2	50	60.0	10.0	6.90	19.1	YES	108
6	1.6	50	80.0	11.0	6.80	18.0	YES	108
7	1	50	50.0	11.0	6.80	16.9	YES	106
8	0.6	50	30.0	10.0	6.90	17.8	YES	106
9	1.4	50	70.0	10.0	6.80	18.8	YES	106
10	1.2	50	60.0	10.0	6.80	18.4	YES	107
11	1.1	50	55.0	10.0	6.80	18.2	YES	108
12	1.5	50	75.0	9.0	6.80	20.3	YES	106
13	1.2	50	60.0	9.0	6.80	19.6	YES	106
14	1.5	50	75.0	10.0	6.80	19.0	YES	106
15	0.8	50	40.0	10.0	6.80	17.6	YES	107
16	1.5	50	75.0	10.0	6.90	19.7	YES	107
17	1.3	50	65.0	10.0	6.90	19.3	YES	107
18	1.3	50	65.0	9.0	6.80	19.9	YES	107
19	1.4	50	70.0	9.0	6.80	20.1	YES	104
20	0.7	50	35.0	9.0	6.80	18.6	YES	104
21	1.4	50	70.0	9.0	6.90	20.8	YES	102
22	1.8	50	90.0	9.0	6.80	21.0	YES	104
23	1.7	50	85.0	9.0	6.80	20.8	YES	104
24	0.6	50	30.0	9.0	6.80	18.4	YES	101
25	1.5	50	75.0	10.0	6.80	19.0	YES	101
26	0.9	50	45.0	10.0	6.80	17.8	YES	101
27	1.6	50	80.0	10.0	6.80	19.2	YES	101
28	1.4	50	70.0	9.0	6.80	20.1	YES	104
29	1.6	50	80.0	10.0	6.80	19.2	YES	101
30	1.6	50	80.0	10.0	6.80	19.2	YES	105
31	1	50	50.0	10.0	6.80	18.0	YES	103

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

Revised November 2022

Return by 10th of following month by email, fax, or mail to:
 dwp.dmce@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350