

OHA - Drinking Water Services -Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Douglas

Month/Year: Jun-24

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 <sup>1</sup> [NTU] |
|-----|-------------|----------------------|------------|------------|------------|------------|---|
| 1   | 0.03        | <del>6.00</del> 0.06 | 0.08       | 0.03       | 0.05       | 0.07       | 0.30  |
| 2   | 0.03        | 0.06                 | 0.07       | 0.07       | 0.03       | 0.03       | 0.17  |
| 3   | 0.06        | 0.07                 | 0.08       | 0.05       | 0.07       | 0.06       | 0.15  |
| 4   | 0.10        | 0.10                 | 0.10       | 0.40       | 0.03       | 0.03       | 0.48  |
| 5   | 0.04        | 0.07                 | 0.08       | 0.04       | 0.03       | 0.06       | 0.12  |
| 6   | 0.07        | 0.08                 | 0.03       | 0.03       | 0.08       | 0.03       | 0.33  |
| 7   | 0.03        | 0.06                 | 0.08       | 0.04       | 0.03       | 0.03       | 0.19  |
| 8   | 0.06        | 0.08                 | 0.09       | 0.04       | 0.03       | 0.07       | 0.16  |
| 9   | 0.08        | 0.04                 | 0.06       | 0.10       | 0.04       | 0.05       | 0.26  |
| 10  | 0.07        | 0.04                 | 0.06       | 0.04       | 0.04       | 0.08       | 0.19  |
| 11  | 0.04        | 0.07                 | 0.08       | 0.12       | 0.04       | 0.04       | 0.27  |
| 12  | 0.06        | 0.08                 | 0.08       | 0.04       | 0.04       | 0.07       | 0.37  |
| 13  | 0.08        | 0.08                 | 0.04       | 0.06       | 0.04       | 0.06       | 0.19  |
| 14  | 0.08        | 0.04                 | 0.07       | 0.05       | 0.04       | 0.08       | 0.25  |
| 15  | 0.08        | 0.04                 | 0.07       | 0.09       | 0.04       | 0.07       | 0.25  |
| 16  | 0.07        | 0.08                 | 0.08       | 0.05       | 0.04       | 0.07       | 0.27  |
| 17  | 0.08        | 0.09                 | 0.04       | 0.05       | 0.04       | 0.05       | 0.31  |
| 18  | 0.08        | 0.04                 | 0.07       | 0.06       | 0.05       | 0.07       | 0.19  |
| 19  | 0.07        | 0.05                 | 0.06       | 0.10       | 0.05       | 0.04       | 0.22  |
| 20  | 0.06        | 0.08                 | 0.09       | 0.05       | 0.04       | 0.08       | 0.31  |
| 21  | 0.08        | 0.05                 | 0.08       | 0.05       | 0.05       | 0.08       | 0.37  |
| 22  | 0.05        | 0.07                 | 0.08       | 0.05       | 0.05       | 0.08       | 0.33  |
| 23  | 0.08        | 0.05                 | 0.08       | 0.05       | 0.05       | 0.09       | 0.31  |
| 24  | 0.05        | 0.07                 | 0.08       | 0.05       | 0.05       | 0.07       | 0.31  |
| 25  | 0.08        | 0.09                 | 0.05       | 0.05       | 0.08       | 0.09       | 0.39  |
| 26  | 0.05        | 0.08                 | 0.09       | 0.05       | 0.05       | 0.08       | 0.41  |
| 27  | 0.09        | 0.05                 | 0.05       | 0.07       | 0.05       | 0.05       | 0.27  |
| 28  | 0.07        | 0.09                 | 0.05       | 0.05       | 0.07       | 0.05       | 0.35  |
| 29  | 0.08        | 0.09                 | 0.06       | 0.05       | 0.09       | 0.10       | 0.30  |
| 30  | 0.05        | 0.06                 | 0.09       | 0.13       | 0.06       | 0.06       | 0.29  |
| 31  |             |                      |            |            |            |            |   |

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU?

Yes / No

All 4-hour turbidity readings ≤ 1 NTU?

Yes / No

All turbidity readings < IFE<sup>2</sup> triggers

Yes / No

CT's met everyday?  
(see back)

Yes / No

All Cl<sub>2</sub> residual at entry point  
≥ 0.2 mg/l?

Yes / No

Notes:

PRINTED NAME: Gary Trout

SIGNATURE: 

7/8 6/40/2024

PHONE #: (541)584-2547

CERT #: 5316

<sup>1</sup> 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. <sup>2</sup> 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: | Jun-24 | WTP -: A                                     |     |
|              |                |               |             |        | Disinfection <i>Giardia</i><br>Log Inactive: | 0.5 |

| Date / Time | Minimum Cl <sub>2</sub><br>Residual at 1st<br>User ( C ) <sup>3</sup> | Contact Time<br>(T) | Actual CT | Temp  | pH   | Required CT | CT Met? <sup>3</sup> | Peak Hourly<br>Demand Flow |
|-------------|---|---------------------|-----------|-------|------|-------------|----------------------|----------------------------|
|             | [ppm or mg/L]   | [minutes]           | C X T     | [° C] |      | formula     | Yes / No             | [GPM]                      |
| 1           | 1.3   | 50                  | 65.0      | 19.0  | 6.90 | 10.4        | YES                  | 105                        |
| 2           | 1.3   | 50                  | 65.0      | 18.0  | 6.90 | 11.1        | YES                  | 105                        |
| 3           | 1.1   | 50                  | 55.0      | 18.0  | 6.90 | 10.8        | YES                  | 105                        |
| 4           | 0.9   | 50                  | 45.0      | 18.0  | 6.90 | 10.6        | YES                  | 105                        |
| 5           | 0.9   | 50                  | 45.0      | 19.0  | 6.90 | 9.9         | YES                  | 105                        |
| 6           | 0.8   | 50                  | 40.0      | 20.0  | 6.90 | 9.2         | YES                  | 105                        |
| 7           | 0.8   | 50                  | 40.0      | 19.0  | 6.90 | 9.8         | YES                  | 105                        |
| 8           | 0.9   | 50                  | 45.0      | 20.0  | 6.90 | 9.3         | YES                  | 106                        |
| 9           | 0.8   | 50                  | 40.0      | 21.0  | 6.90 | 8.6         | YES                  | 105                        |
| 10          | 0.9   | 50                  | 45.0      | 21.0  | 6.90 | 8.7         | YES                  | 105                        |
| 11          | 1.1   | 50                  | 55.0      | 21.0  | 6.90 | 8.9         | YES                  | 105                        |
| 12          | 1.1   | 50                  | 55.0      | 21.0  | 6.90 | 8.9         | YES                  | 109                        |
| 13          | 0.7   | 50                  | 35.0      | 21.0  | 6.90 | 8.5         | YES                  | 109                        |
| 14          | 0.8   | 50                  | 40.0      | 21.0  | 6.90 | 8.6         | YES                  | 109                        |
| 15          | 0.9   | 50                  | 45.0      | 21.0  | 6.90 | 8.7         | YES                  | 109                        |
| 16          | 0.7   | 50                  | 35.0      | 20.0  | 6.90 | 9.0         | YES                  | 109                        |
| 17          | 0.8   | 50                  | 40.0      | 19.0  | 7.00 | 10.2        | YES                  | 109                        |
| 18          | 1.1   | 50                  | 55.0      | 19.0  | 7.00 | 10.5        | YES                  | 109                        |
| 19          | 1.1   | 50                  | 55.0      | 20.0  | 7.00 | 9.8         | YES                  | 109                        |
| 20          | 1   | 50                  | 50.0      | 20.0  | 7.00 | 9.7         | YES                  | 109                        |
| 21          | 1   | 50                  | 50.0      | 21.0  | 7.00 | 9.1         | YES                  | 109                        |
| 22          | 1.1   | 50                  | 55.0      | 21.0  | 7.00 | 9.2         | YES                  | 109                        |
| 23          | 1   | 50                  | 50.0      | 22.0  | 7.00 | 8.5         | YES                  | 109                        |
| 24          | 1   | 50                  | 50.0      | 21.0  | 7.00 | 9.1         | YES                  | 109                        |
| 25          | 0.8   | 50                  | 40.0      | 21.0  | 7.00 | 8.9         | YES                  | 108                        |
| 26          | 0.6   | 50                  | 30.0      | 22.0  | 7.00 | 8.1         | YES                  | 109                        |
| 27          | 1   | 50                  | 50.0      | 22.0  | 7.00 | 8.5         | YES                  | 109                        |
| 28          | 0.8   | 50                  | 40.0      | 22.0  | 6.90 | 8.0         | YES                  | 109                        |
| 29          | 1.1   | 50                  | 55.0      | 22.0  | 6.90 | 8.3         | YES                  | 109                        |
| 30          | 1.1   | 50                  | 55.0      | 22.0  | 7.00 | 8.6         | YES                  | 108                        |
| 31          |   | 50                  |           |       |      |             |                      |                            |

<sup>3</sup> If Cl<sub>2</sub> 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