

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: Douglas

Conventional or Direct Filtration

Month/Year: Mar-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            | 0.07           | 0.08       | 0.03          | 0.06       | 0.11       | 0.08       | 0.16  |  |
| 2            | 0.09           | 0.10       | 0.10          | 0.10       | 0.09       | 0.11       | 0.14  |  |
| 3            | 0.11           | 0.11       | 0.11          | 0.08       | 0.17       | 0.18       | 0.60  |  |
| 4            | 0.13           | off        | off           | 0.28       | 0.09       | 0.10       | 0.57  |  |
| 5            | off            | off        | off           | 0.13       | 0.08       | 0.12       | 0.66  |  |
| 6            | 0.14           | 0.08       | 0.20          | off        | off        | off        | 0.55  |  |
| 7            | off            | off        | off           | 0.16       | 0.08       | 0.08       | 0.41  |  |
| 8            | 0.18           | 0.17       | 0.17          | 0.14       | 0.13       | 0.16       | 0.97  |  |
| 9            | 0.14           | off        | off           | off        | off        | 0.11       | 0.43  |  |
| 10           | 0.12           | 0.19       | 0.15          | 0.15       | 0.12       | 0.07       | 0.30  |  |
| 11           | 0.09           | 0.11       | 0.12          | 0.10       | 0.07       | 0.10       | 0.33  |  |
| 12           | 0.10           | 0.13       | 0.05          | 0.25       | 0.10       | 0.14       | 0.59  |  |
| 13           | 0.15           | 0.17       | 0.10          | 0.12       | 0.09       | 0.12       | 0.48  |  |
| 14           | 0.13           | 0.15       | 0.15          | 0.13       | 0.08       | 0.12       | 0.39  |  |
| 15           | 0.13           | 0.08       | 0.30          | 0.14       | 0.19       | 0.07       | 0.55  |  |
| 16           | 0.12           | 0.13       | 0.15          | 0.18       | 0.07       | 0.16       | 0.53  |  |
| 17           | 0.10           | 0.20       | 0.23          | 0.07       | 0.10       | 0.11       | 0.24  |  |
| 18           | 0.06           | 0.17       | 0.16          | 0.10       | 0.06       | 0.09       | 0.23  |  |
| 19           | 0.14           | 0.06       | 0.15          | 0.07       | 0.17       | 0.07       | 0.35  |  |
| 20           | 0.07           | 0.10       | 0.11          | 0.20       | 0.14       | 0.06       | 0.52  |  |
| 21           | 0.07           | 0.25       | 0.23          | 0.15       | 0.03       | 0.05       | 0.32  |  |
| 22           | 0.06           | 0.08       | 0.03          | 0.03       | 0.08       | 0.03       | 0.21  |  |
| 23           | 0.03           | 0.07       | 0.08          | 0.10       | 0.03       | 0.06       | 0.38  |  |
| 24           | 0.11           | 0.12       | 0.13          | 0.05       | 0.02       | 0.03       | 0.21  |  |
| 25           | 0.05           | 0.08       | 0.09          | 0.02       | 0.03       | 0.12       | 0.18  |  |
| 26           | 0.10           | 0.11       | 0.12          | 0.03       | 0.03       | 0.06       | 0.32  |  |
| 27           | 0.05           | 0.06       | 0.05          | 0.04       | 0.08       | 0.14       | 0.33  |  |
| 28           | 0.03           | 0.02       | 0.03          | 0.07       | 0.09       | 0.03       | 0.21  |  |
| 29           | 0.03           | 0.06       | 0.08          | 0.05       | 0.04       | 0.05       | 0.28  |  |
| 30           | 0.06           | 0.09       | 0.10          | 0.05       | 0.04       | 0.07       | 0.31  |  |
| 31           | 0.07           | 0.09       | 0.10          | 0.03       | 0.07       | 0.07       | 0.11  |  |

| Conventional or Direct Filtration                              | Monthly Summary (Answer Yes or No)           |  |
|--|--|--|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU?<br>Yes / No        | CT's met everyday?<br>(see back)<br>Yes / No | All Cl2 residual at entry point<br>≥ 0.2 mg/l?<br>Yes / No |
| All 4-hour turbidity readings ≤ 1 NTU?<br>Yes / No             |  |  |
| All turbidity readings < IFE <sup>2</sup> triggers<br>Yes / No |  |  |

|        |  |              |
|--------|--|--------------|
| Notes: | PRINTED NAME: Gary Trout   |              |
|        | SIGNATURE:  | 4/4/2024     |
|        | 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: | Mar-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   | 50                  | 50.0      | 10.0  | 7.00 | 19.3        | YES                  | 106                        |
| 2           | 1   | 50                  | 50.0      | 10.0  | 6.90 | 18.6        | YES                  | 106                        |
| 3           | 0.9   | 50                  | 45.0      | 8.0   | 6.80 | 20.3        | YES                  | 106                        |
| 4           | 1   | 50                  | 50.0      | 8.0   | 6.80 | 20.5        | YES                  | 102                        |
| 5           | 1   | 50                  | 50.0      | 8.0   | 6.90 | 21.2        | YES                  | 102                        |
| 6           | 1.1   | 50                  | 55.0      | 8.0   | 6.90 | 21.5        | YES                  | 104                        |
| 7           | 1.1   | 50                  | 55.0      | 8.0   | 6.90 | 21.5        | YES                  | 102                        |
| 8           | 0.9   | 50                  | 45.0      | 7.0   | 6.90 | 22.4        | YES                  | 103                        |
| 9           | 0.6   | 50                  | 30.0      | 8.0   | 6.90 | 20.3        | YES                  | 103                        |
| 10          | 0.9   | 50                  | 45.0      | 8.0   | 6.90 | 21.0        | YES                  | 103                        |
| 11          | 1.3   | 50                  | 65.0      | 9.0   | 6.90 | 20.6        | YES                  | 103                        |
| 12          | 1.3   | 50                  | 65.0      | 9.0   | 6.90 | 20.6        | YES                  | 104                        |
| 13          | 1.4   | 50                  | 70.0      | 9.0   | 6.90 | 20.8        | YES                  | 104                        |
| 14          | 1.3   | 50                  | 65.0      | 9.0   | 6.90 | 20.6        | YES                  | 104                        |
| 15          | 1.1   | 50                  | 55.0      | 10.0  | 6.90 | 18.8        | YES                  | 103                        |
| 16          | 1.2   | 50                  | 60.0      | 11.0  | 6.90 | 17.9        | YES                  | 103                        |
| 17          | 1.4   | 50                  | 70.0      | 11.0  | 6.90 | 18.3        | YES                  | 103                        |
| 18          | 1.4   | 50                  | 70.0      | 11.0  | 6.90 | 18.3        | YES                  | 103                        |
| 19          | 1.5   | 50                  | 75.0      | 11.0  | 6.90 | 18.5        | YES                  | 103                        |
| 20          | 1.3   | 50                  | 65.0      | 11.0  | 6.90 | 18.1        | YES                  | 106                        |
| 21          | 1.3   | 50                  | 65.0      | 10.0  | 6.90 | 19.3        | YES                  | 104                        |
| 22          | 0.8   | 50                  | 40.0      | 11.0  | 6.80 | 16.5        | YES                  | 104                        |
| 23          | 1.3   | 50                  | 65.0      | 11.0  | 6.80 | 17.5        | YES                  | 104                        |
| 24          | 1.5   | 50                  | 75.0      | 11.0  | 6.80 | 17.8        | YES                  | 104                        |
| 25          | 1.6   | 50                  | 80.0      | 11.0  | 6.90 | 18.7        | YES                  | 104                        |
| 26          | 0.7   | 50                  | 35.0      | 11.0  | 6.90 | 16.9        | YES                  | 103                        |
| 27          | 1.5   | 50                  | 75.0      | 11.0  | 6.90 | 18.5        | YES                  | 103                        |
| 28          | 0.8   | 50                  | 40.0      | 11.0  | 6.90 | 17.1        | YES                  | 104                        |
| 29          | 1.3   | 50                  | 65.0      | 11.0  | 6.90 | 18.1        | YES                  | 103                        |
| 30          | 1.4   | 50                  | 70.0      | 12.0  | 6.90 | 17.1        | YES                  | 103                        |
| 31          | 1.3   | 50                  | 65.0      | 12.0  | 6.90 | 16.9        | YES                  | 103                        |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

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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  
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