

OHA - Drinking Water Services - Turbidity Monitoring Report  
 Conventional or Direct Filtration

County: Columbia

| System Name: Midland Water Association ID# 41-01139 |             |            |            |            |            |            | Month/Year: July 2024 |                        |
|---|-------------|------------|------------|------------|------------|------------|-----------------------|------------------------|
| Day   | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading [NTU] | Peak Hourly Flow [GPM] |
| 1   |             | .05        |            | .08        | .07        |            | .08                   | 91                     |
| 2   |             | .05        |            | .02        | .02        |            | .05                   | 91                     |
| 3   |             | .02        | .21        | .03        | .03        |            | .21                   | 91                     |
| 4   |             | .02        |            | .02        | .14        |            | .14                   | 91                     |
| 5   |             | .16        |            | .14        | .12        |            | .16                   | 91                     |
| 6   |             | .15        |            | .17        | .12        |            | .17                   | 91                     |
| 7   |             | .22        | .16        | .10        | .12        |            | .22                   | 91                     |
| 8   |             | no reading |            | .22        | .11        |            | .22                   | 91                     |
| 9   |             | .20        |            | .25        | .11        |            | .25                   | 91                     |
| 10  |             | .25        |            | .26        | .26        |            | .26                   | 91                     |
| 11  |             | no reading |            | .32        | .28        |            | .32                   | 91                     |
| 12  |             | no reading |            | .19        | .19        |            | .19                   | 91                     |
| 13  |             | .18        |            | .18        | .22        |            | .22                   | 91                     |
| 14  |             | .21        | .24        | .20        | .20        | .20        | .24                   | 91                     |
| 15  |             | .20        |            | .25        | .22        |            |                       | 91                     |
| 16  |             | .20        |            | .21        | .21        |            | .21                   | 91                     |
| 17  |             | .19        |            | .19        | .19        |            | .19                   | 91                     |
| 18  |             | .19        |            | .25        | .20        |            | .25                   | 91                     |
| 19  |             | .19        |            | .20        | .19        |            | .20                   | 91                     |
| 20  |             | .19        |            | .19        | .19        |            | .19                   | 91                     |
| 21  |             | .19        |            | .18        | .18        |            | .19                   | 91                     |
| 22  |             | .17        |            | .17        |            |            | .17                   | 91                     |
| 23  |             | .17        |            | .17        | .18        |            | .18                   | 91                     |
| 24  |             | .17        |            | .17        | .25        |            | .25                   | 91                     |
| 25  |             | .20        |            | .21        | .20        |            | .21                   | 91                     |
| 26  |             | .18        |            | .18        | .18        |            | .18                   | 91                     |
| 27  |             | .17        |            | .18        | .19        |            |                       | 91                     |
| 28  |             | .18        |            | .17        | .15        | .15        | .20                   | 91                     |
| 29  | .20         | .20        | .20        | .20        | .20        | .20        | .20                   | 91                     |
| 30  | .20         | .20        | .20        | .25        | .20        | .20        | .20                   | 91                     |
| 31  | .20         | .20        | .23        | .24        | .20        | .20        | .24                   | 91                     |

|   |   |   |   |
|---|---|---|---|
| <b>Conventional or Direct Filtration</b>  |   | <b>Monthly Summary (Answer Yes or No)</b>                       |   |
| <b>Monthly Summary</b>                    |   |   |   |
| 95% of Turbidity Readings $\leq$ 0.3 NTU? | <input checked="" type="radio"/> Yes / <input type="radio"/> No | CT's met everyday?  |   |
| All Turbidity Readings < 1 NTU?           | <input checked="" type="radio"/> Yes / <input type="radio"/> No | (See Back)  | All Cl <sub>2</sub> residuals at entry point $\geq$ 0.2 mg/l?   |
| All Turbidity Readings < IFE Triggers?    | <input checked="" type="radio"/> Yes / <input type="radio"/> No | <input checked="" type="radio"/> Yes / <input type="radio"/> No | <input checked="" type="radio"/> Yes / <input type="radio"/> No |
| Notes:                                    |   | Printed Name: <u>James Dahlquist</u>                            |   |
|   |   | Signature: <u>[Signature]</u>                                   | Date: <u>8/7/24</u>   |
|   |   | Phone #: <u>503-438-8702</u>                                    | Cert#: <u>T-09147</u>   |

**Oregon DHS - Drinking Water Program – Surface Water Quality Data Form**

System Name: Midland Water Assn.

ID #: 41 011 39

Month/Year: July 2024

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) | Contact Time (T) | Actual CT          | Temp | pH  | Required CT | CT Met?  |
|-------------|--|------------------|--------------------|------|-----|-------------|----------|
|             | ppm or mg/L  | minutes          | CXT                | °C   |     | Use tables  | Yes / No |
| 1/3pm       | 1.188  | 75               | 83.25              | 17.1 | 8.2 | 40          | Y        |
| 2/6pm       | 1.23   | 75               | 92.25              | 15.3 | 8.2 | 40          | Y        |
| 3/5pm       | 1.168  | 75               | 87.6               | 14.5 | 8.3 | 45          | Y        |
| 4/7pm       | 1.153  | 75               | 86.47              | 16.1 | 8.2 | 40          | Y        |
| 5/7pm       | 1.046  | 75               | 78.45              | 17.4 | 8.3 | 42          | Y        |
| 6/10pm      | .983   | 75               | 73.72              | 18.4 | 8.2 | 40          | Y        |
| 7/5pm       | .674   | 75               | 50.55              | 20.0 | 8.2 | 39          | Y        |
| 8/12pm      | .934   | 75               | 70.05              | 19.3 | 8.0 | 36          | Y        |
| 9/6pm       | 1.091  | 75               | 81.82              | 19.0 | 8.2 | 40          | Y        |
| 10/5pm      | .881   | 75               | 66.                | 20.2 | 8.2 | 40          | Y        |
| 11/7pm      | .881   | 75               | 66                 | 16.9 | 8.3 | 40          | Y        |
| 12/1Am      | .989   | 75               | 74                 | 16.6 | 8.3 | 40          | Y        |
| 13/1pm      | .898   | 75               | 67                 | 18.7 | 8.1 | 37          | Y        |
| 14/4pm      | <del>1.06</del> .898   | 75               | <del>79.5</del> 67 | 18.7 | 8.1 | 39          | Y        |
| 15/12pm     | .854   | 75               | 64                 | 15.8 | 8.2 | 39          | Y        |
| 16/5pm      | .998   | 75               | 74.85              | 18.0 | 8.1 | 37          | Y        |
| 17/5pm      | 1.046  | 75               | 78.45              | 16.7 | 8.1 | 39          | Y        |
| 18/1pm      | .851   | 75               | 63.8               | 17.4 | 7.9 | 36          | Y        |
| 19/9pm      | 1.00   | 75               | 75                 | 18.0 | 7.7 | 36          | Y        |
| 20/4pm      | .979   | 75               | 73.42              | 18.0 | 7.8 | 34          | Y        |
| 21/8pm      | 1.02   | 75               | 76.5               | 17.0 | 7.8 | 34          | Y        |
| 22/6Am      | 1.039  | 75               | 77.9               | 16.4 | 7.9 | 35          | Y        |
| 23/8pm      | 1.037  | 75               | 77.77              | 16.8 | 7.9 | 35          | Y        |
| 24/5pm      | .785   | 75               | 58.81              | 16.5 | 8.2 | 39          | Y        |
| 25/5pm      | 1.00   | 75               | 75                 | 15.6 | 8.2 | 39          | Y        |
| 26/6pm      | 1.009  | 75               | 75.67              | 16.3 | 8.2 | 40          | Y        |
| 27/6pm      | .941   | 75               | 70.56              | 16.7 | 8.2 | 39          | Y        |
| 28/12pm     | .961   | 75               | 72.07              | 16.1 | 8.2 | 39          | Y        |
| 29/2pm      | .733   | 75               | 54.97              | 16.3 | 8.0 | 36          | Y        |
| 30/12Am     | .719   | 75               | 53.92              | 17.0 | 8.2 | 36          | Y        |
| 31/1pm      | .614   | 75               | 46.05              | 17.5 | 8.1 | 36          |          |