

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Yamhill

Conventional or Direct Filtration

Month/Year: May-24

| System Name: | City of Willamina |            | ID#: 41    | 00953      |            | 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            | 0.024             | off        | off        | off        | 0.026      | 0.045        | 0.193   |
| 2            | 0.022             | 0.067      | off        | 0.026      | 0.024      | off          | 0.125   |
| 3            | 0.028             | 0.020      | off        | 0.028      | 0.019      | 0.019        | 0.033   |
| 4            | 0.019             | off        | off        | off        | off        | off          | 0.042   |
| 5            | 0.041             | off        | off        | 0.028      | 0.020      | 0.078        | 0.098   |
| 6            | off               | 0.031      | 0.030      | 0.034      | 0.032      | 0.021        | 0.214   |
| 7            | 0.024             | off        | off        | 0.019      | 0.026      | 0.040        | 0.152   |
| 8            | off               | 0.040      | 0.032      | 0.025      | 0.026      | 0.026        | 0.218   |
| 9            | 0.022             | 0.032      | 0.032      | 0.041      | 0.024      | 0.032        | 0.101   |
| 10           | 0.022             | off        | off        | 0.030      | 0.021      | 0.040        | 0.083   |
| 11           | 0.024             | 0.056      | off        | 0.024      | 0.022      | 0.028        | 0.089   |
| 12           | 0.023             | off        | 0.026      | 0.076      | 0.034      | off          | 0.108   |
| 13           | 0.034             | off        | 0.072      | 0.021      | 0.032      | 0.021        | 0.111   |
| 14           | 0.019             | 0.023      | 0.023      | 0.021      | 0.023      | off          | 0.186   |
| 15           | off               | off        | 0.019      | off        | 0.022      | 0.021        | 0.156   |
| 16           | 0.025             | 0.021      | 0.021      | off        | 0.019      | 0.020        | 0.076   |
| 17           | 0.019             | 0.020      | 0.023      | 0.021      | 0.032      | off          | 0.083   |
| 18           | off               | off        | 0.027      | 0.020      | 0.023      | 0.019        | 0.080   |
| 19           | 0.019             | off        | off        | 0.021      | off        | off          | 0.159   |
| 20           | 0.021             | 0.026      | 0.021      | off        | 0.019      | 0.021        | 0.103   |
| 21           | 0.019             | off        | 0.025      | off        | 0.021      | 0.019        | 0.132   |
| 22           | 0.028             | 0.028      | 0.021      | 0.026      | off        | off          | 0.095   |
| 23           | 0.019             | 0.064      | 0.022      | 0.023      | 0.024      | off          | 0.114   |
| 24           | off               | 0.023      | 0.021      | off        | 0.023      | 0.021        | 0.089   |
| 25           | 0.027             | off        | off        | 0.023      | 0.038      | 0.051        | 0.118   |
| 26           | off               | 0.064      | 0.044      | 0.048      | 0.066      | off          | 0.181   |
| 27           | off               | off        | 0.038      | off        | 0.022      | 0.022        | 0.180   |
| 28           | 0.028             | 0.024      | 0.038      | 0.021      | 0.023      | 0.023        | 0.065   |
| 29           | off               | off        | off        | 0.021      | 0.032      | 0.028        | 0.118   |
| 30           | 0.027             | 0.045      | 0.035      | 0.075      | 0.126      | off          | 0.126   |
| 31           | off               | 0.082      | off        | 0.022      | 0.021      | 0.019        | 0.172   |

|  |        |   |   |
|--|--------|---|---|
| <b>Conventional or Direct Filtration</b>           |        | <b>Monthly Summary (Answer Yes or No)</b> |   |
| 95% of 4-hour turbidity readings ≤ 0.3 NTU?        | Yes/No | CT's met everyday? (see back)             | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All 4-hour turbidity readings ≤ 1 NTU?             | Yes/No | Yes/No                                    | Yes/No                                      |
| All turbidity readings < IFE <sup>2</sup> triggers | Yes/No |   |   |
| <b>Notes:</b>                                      |        | PRINTED NAME: Justin R. Higgins           |   |
|  |        | SIGNATURE: <i>[Signature]</i>             | DATE: 6/3/24                                |
|  |        | PHONE #: (503) 437 7603                   | CERT #: 6997                                |

<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

WTP - : A

System Name: City of Willamina ID#: 41 00953 Month/Year: May-24

Disinfection  
Giardia Log  
Inactiv:

0.5

| Date / Time | Residual at<br>1st User ( C ) | 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 1300      | 1.17                          | 100                   | 117       | 13.7  | 7.65 | 19.3        | YES                  | 779                        |
| 2 1300      | 1.11                          | 100                   | 111       | 14.0  | 7.67 | 18.9        | YES                  | 804                        |
| 3 1100      | 1.04                          | 100                   | 104       | 13.3  | 7.72 | 20.0        | YES                  | 614                        |
| 4 1200      | 1.03                          | 100                   | 103       | 12.1  | 7.66 | 21.2        | YES                  | 397                        |
| 5 400       | 1.02                          | 100                   | 102       | 12.2  | 7.50 | 19.9        | YES                  | 596                        |
| 6 1100      | 1.03                          | 100                   | 103       | 13.6  | 7.64 | 19.0        | YES                  | 439                        |
| 7 930       | 1.03                          | 100                   | 103       | 13.4  | 7.50 | 18.3        | YES                  | 620                        |
| 8 1300      | 0.95                          | 100                   | 95        | 13.3  | 7.61 | 19.0        | YES                  | 526                        |
| 9 930       | 1.00                          | 100                   | 100       | 13.4  | 7.63 | 19.1        | YES                  | 549                        |
| 10 900      | 1.01                          | 100                   | 101       | 14.6  | 7.61 | 17.6        | YES                  | 457                        |
| 11 1000     | 1.01                          | 100                   | 101       | 15.50 | 7.58 | 16.4        | YES                  | 482                        |
| 12 930      | 1.01                          | 100                   | 101       | 15.60 | 7.54 | 16.0        | YES                  | 489                        |
| 13 830      | 0.98                          | 100                   | 98        | 15.50 | 7.53 | 16.0        | YES                  | 411                        |
| 14 900      | 1.04                          | 100                   | 104       | 14.90 | 7.58 | 17.1        | YES                  | 685                        |
| 15 900      | 1.08                          | 100                   | 108       | 15.40 | 7.55 | 16.4        | YES                  | 512                        |
| 16 800      | 1.10                          | 100                   | 110       | 16.20 | 7.64 | 16.1        | YES                  | 441                        |
| 17 900      | 1.18                          | 100                   | 118       | 14.80 | 7.60 | 17.6        | YES                  | 790                        |
| 18 900      | 1.15                          | 100                   | 115       | 15.00 | 7.69 | 17.9        | YES                  | 569                        |
| 19 100      | 1.07                          | 100                   | 107       | 14.50 | 7.71 | 18.5        | YES                  | 394                        |
| 20 830      | 1.09                          | 100                   | 109       | 14.60 | 7.60 | 17.6        | YES                  | 405                        |
| 21 830      | 1.12                          | 100                   | 112       | 14.70 | 7.63 | 17.8        | YES                  | 569                        |
| 22 800      | 1.11                          | 100                   | 111       | 15.40 | 7.63 | 17.0        | YES                  | 448                        |
| 23 900      | 1.06                          | 100                   | 106       | 15.10 | 7.63 | 17.2        | YES                  | 845                        |
| 24 900      | 1.08                          | 100                   | 108       | 14.90 | 7.61 | 17.3        | YES                  | 431                        |
| 25 900      | 1.06                          | 100                   | 106       | 15.90 | 7.59 | 16.1        | YES                  | 440                        |
| 26 900      | 1.08                          | 100                   | 108       | 15.50 | 7.59 | 16.5        | YES                  | 376                        |
| 27 900      | 1.06                          | 100                   | 106       | 15.30 | 7.60 | 16.8        | YES                  | 589                        |
| 28 900      | 1.06                          | 100                   | 106       | 16.40 | 7.66 | 16.0        | YES                  | 474                        |
| 29 1100     | 1.09                          | 100                   | 109       | 15.60 | 7.65 | 16.8        | YES                  | 630                        |
| 30 1030     | 1.06                          | 100                   | 106       | 15.00 | 7.64 | 17.4        | YES                  | 468                        |
| 31 900      | 1.06                          | 100                   | 106       | 15.50 | 7.64 | 16.8        | YES                  | 590                        |

<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 September 2016

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