

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

County: **Yamhill**
 Month/Year: **Oct-23**

| 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 ¹ [NTU] | |
| 1 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.068 | 0.099 | |
| 2 | 0.023 | 0.023 | off | 0.027 | 0.023 | 0.023 | 0.073 | |
| 3 | 0.029 | 0.023 | off | off | off | off | 0.058 | |
| 4 | off | off | off | 0.023 | 0.021 | 0.042 | 0.075 | |
| 5 | 0.023 | 0.021 | 0.021 | off | 0.037 | 0.029 | 0.128 | |
| 6 | 0.027 | 0.024 | off | off | 0.029 | 0.028 | 0.048 | |
| 7 | 0.027 | 0.027 | off | 0.033 | 0.029 | 0.027 | 0.043 | |
| 8 | off | 0.029 | 0.029 | 0.041 | off | off | 0.062 | |
| 9 | off | off | 0.083 | 0.044 | 0.039 | 0.042 | 0.092 | |
| 10 | 0.037 | 0.035 | 0.033 | 0.059 | 0.029 | 0.027 | 0.108 | |
| 11 | 0.027 | off | off | 0.043 | 0.071 | 0.031 | 0.131 | |
| 12 | 0.027 | 0.026 | 0.026 | 0.031 | 0.027 | 0.026 | 0.066 | |
| 13 | 0.025 | off | off | 0.066 | 0.027 | 0.025 | 0.101 | |
| 14 | 0.027 | 0.026 | 0.025 | 0.025 | 0.024 | 0.025 | 0.193 | |
| 15 | 0.023 | 0.023 | 0.023 | 0.023 | 0.041 | 0.052 | 0.143 | |
| 16 | 0.031 | 0.027 | 0.027 | 0.066 | 0.035 | off | 0.171 | |
| 17 | off | 0.143 | off | 0.033 | 0.027 | 0.027 | 0.103 | |
| 18 | 0.025 | 0.028 | 0.027 | 0.025 | 0.026 | 0.026 | 0.229 | |
| 19 | 0.024 | off | off | off | 0.029 | 0.027 | 0.042 | |
| 20 | 0.027 | 0.026 | off | 0.033 | 0.031 | 0.027 | 0.042 | |
| 21 | 0.027 | 0.026 | off | 0.040 | 0.031 | 0.028 | 0.045 | |
| 22 | 0.027 | off | off | 0.050 | 0.033 | 0.029 | 0.060 | |
| 23 | 0.027 | off | off | 0.031 | 0.027 | 0.025 | 0.064 | |
| 24 | 0.030 | 0.027 | 0.025 | 0.034 | 0.032 | off | 0.065 | |
| 25 | off | off | 0.049 | 0.034 | 0.030 | 0.027 | 0.210 | |
| 26 | 0.027 | 0.027 | off | 0.040 | 0.026 | 0.025 | 0.094 | |
| 27 | 0.024 | 0.024 | off | 0.031 | 0.027 | 0.028 | 0.075 | |
| 28 | 0.024 | 0.024 | off | 0.035 | 0.023 | 0.021 | 0.079 | |
| 29 | 0.029 | 0.023 | 0.021 | 0.045 | 0.025 | 0.021 | 0.077 | |
| 30 | 0.058 | 0.025 | 0.023 | off | 0.026 | 0.023 | 0.084 | |
| 31 | 0.021 | 0.028 | 0.022 | 0.022 | 0.071 | 0.024 | 0.163 | |

| Conventional or Direct Filtration | Monthly Summary (Answer Yes or No) | |
|--|---|---|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No | CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No | All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No |
| All 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No | | |
| All turbidity readings < IFE ² triggers <input checked="" type="radio"/> Yes / <input type="radio"/> No | | |
| Notes: | PRINTED NAME: Justin R. Higgins | DATE: 11/21/2023 |
| | SIGNATURE: <i>[Signature]</i> | CERT #: 6997 |
| | PHONE #: (503) 437 7003 | |

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 Eff. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

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|--|-----|
| WTP - : | A |
| Disinfection Giardia Log Inactive: | 0.5 |

System Name: City of Willamina ID#: 41 00953 Month/Year: Oct-23

| Date / Time | 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 | 900 | 1.10 | 100 | 110 | 15.3 | 7.64 | 17.1 | YES | 334 |
| 2 | 930 | 1.00 | 100 | 100 | 15.6 | 7.69 | 16.9 | YES | 759 |
| 3 | 600 | 1.00 | 100 | 100 | 15.7 | 7.64 | 16.5 | YES | 503 |
| 4 | 1100 | 1.02 | 100 | 102 | 15.8 | 7.72 | 16.9 | YES | 375 |
| 5 | 930 | 1.00 | 100 | 100 | 15.6 | 7.63 | 16.5 | YES | 880 |
| 6 | 900 | 1.14 | 100 | 114 | 16.1 | 7.68 | 16.5 | YES | 673 |
| 7 | 1000 | 1.14 | 100 | 114 | 15.9 | 7.67 | 16.7 | YES | 357 |
| 8 | 830 | 1.20 | 100 | 120 | 16.2 | 7.68 | 16.5 | YES | 575 |
| 9 | 1030 | 1.02 | 100 | 102 | 16.6 | 7.65 | 15.6 | YES | 394 |
| 10 | 1100 | 1.21 | 100 | 121 | 16.0 | 7.65 | 16.6 | YES | 740 |
| 11 | 1300 | 1.14 | 100 | 114 | 16.50 | 7.69 | 16.2 | YES | 430 |
| 12 | 830 | 1.02 | 100 | 102 | 17.00 | 7.65 | 15.2 | YES | 583 |
| 13 | 730 | 1.06 | 100 | 106 | 14.90 | 7.43 | 16.2 | YES | 360 |
| 14 | 900 | 1.12 | 100 | 112 | 16.20 | 7.67 | 16.3 | YES | 406 |
| 15 | 900 | 1.17 | 100 | 117 | 16.70 | 7.60 | 15.5 | YES | 523 |
| 16 | 830 | 1.14 | 100 | 114 | 16.30 | 7.58 | 15.7 | YES | 759 |
| 17 | 900 | 1.07 | 100 | 107 | 16.50 | 7.63 | 15.7 | YES | 834 |
| 18 | 900 | 1.06 | 100 | 106 | 15.80 | 7.71 | 16.9 | YES | 416 |
| 19 | 800 | 1.03 | 100 | 103 | 14.50 | 7.69 | 18.2 | YES | 369 |
| 20 | 1000 | 1.14 | 100 | 114 | 14.90 | 7.69 | 18.0 | YES | 316 |
| 21 | 1000 | 1.05 | 100 | 105 | 15.00 | 7.67 | 17.6 | YES | 333 |
| 22 | 1000 | 1.20 | 100 | 120 | 14.30 | 7.61 | 18.3 | YES | 345 |
| 23 | 830 | 1.30 | 100 | 130 | 15.60 | 7.73 | 17.7 | YES | 426 |
| 24 | 1300 | 1.10 | 100 | 110 | 15.50 | 7.63 | 16.8 | YES | 811 |
| 25 | 1100 | 1.27 | 100 | 127 | 15.00 | 7.73 | 18.4 | YES | 516 |
| 26 | 1300 | 1.10 | 100 | 110 | 14.20 | 7.66 | 18.6 | YES | 552 |
| 27 | 1115 | 1.14 | 100 | 114 | 11.70 | 7.54 | 21.2 | YES | 806 |
| 28 | 830 | 1.26 | 100 | 126 | 13.00 | 7.64 | 20.3 | YES | 413 |
| 29 | 830 | 1.16 | 100 | 116 | 12.80 | 7.68 | 20.6 | YES | 465 |
| 30 | 1130 | 1.33 | 100 | 133 | 12.40 | 7.66 | 21.5 | YES | 513 |
| 31 | 1000 | 1.31 | 100 | 131 | 12.70 | 7.65 | 20.9 | YES | 510 |

³ If Cl₂ 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