

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Yamhill

Conventional or Direct Filtration

Month/Year: Sep-21

| 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 | 0.038 | 0.034 | off | 0.030 | off | off | 0.050 |
| 2 | off | 0.028 | 0.032 | 0.030 | 0.028 | 0.036 | 0.052 |
| 3 | 0.028 | 0.028 | off | 0.028 | off | off | 0.043 |
| 4 | off | 0.028 | 0.028 | 0.030 | 0.028 | 0.029 | 0.054 |
| 5 | 0.028 | 0.028 | 0.028 | 0.029 | 0.028 | 0.028 | 0.058 |
| 6 | off | off | 0.029 | 0.030 | 0.029 | 0.029 | 0.059 |
| 7 | 0.030 | 0.028 | 0.029 | 0.031 | 0.029 | 0.028 | 0.047 |
| 8 | 0.035 | 0.028 | 0.028 | 0.029 | 0.029 | 0.028 | 0.050 |
| 9 | 0.029 | 0.029 | 0.029 | off | off | off | 0.046 |
| 10 | 0.030 | 0.029 | 0.029 | 0.028 | 0.029 | 0.030 | 0.038 |
| 11 | 0.030 | off | off | off | off | 0.030 | 0.043 |
| 12 | 0.032 | 0.034 | 0.034 | 0.028 | 0.028 | 0.028 | 0.054 |
| 13 | 0.030 | off | off | 0.029 | 0.028 | 0.028 | 0.052 |
| 14 | 0.028 | 0.030 | 0.028 | 0.028 | 0.030 | 0.028 | 0.065 |
| 15 | off | 0.042 | off | 0.028 | 0.037 | 0.028 | 0.093 |
| 16 | 0.029 | 0.029 | off | 0.028 | 0.030 | 0.029 | 0.049 |
| 17 | 0.029 | off | 0.029 | 0.029 | off | off | 0.057 |
| 18 | off | off | 0.064 | off | off | off | 0.293 |
| 19 | off | off | off | off | off | off | 0.293 |
| 20 | off | off | off | 0.033 | 0.033 | 0.030 | 0.040 |
| 21 | 0.030 | 0.036 | off | 0.041 | 0.036 | 0.039 | 0.090 |
| 22 | 0.044 | 0.037 | 0.039 | 0.037 | 0.039 | 0.037 | 0.110 |
| 23 | 0.036 | 0.030 | off | off | 0.034 | 0.037 | 0.086 |
| 24 | 0.036 | 0.036 | off | 0.038 | 0.034 | 0.032 | 0.070 |
| 25 | off | off | 0.036 | 0.033 | 0.034 | 0.032 | 0.045 |
| 26 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | off | 0.037 |
| 27 | off | off | off | 0.039 | 0.038 | 0.036 | 0.050 |
| 28 | 0.035 | 0.036 | 0.036 | 0.038 | 0.033 | 0.035 | 0.067 |
| 29 | 0.034 | 0.033 | off | off | 0.056 | 0.038 | 0.126 |
| 30 | 0.035 | 0.032 | 0.031 | 0.038 | 0.033 | 0.032 | 0.046 |
| 31 | | | | | | | |

| Conventional or Direct Filtration | Monthly Summary (Answer Yes or No) | |
|--|-------------------------------------|---|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? | Yes / No | CT's met everyday? (see back) |
| All 4-hour turbidity readings ≤ 1 NTU? | Yes / No | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All turbidity readings < IFE ² triggers | Yes / No | Yes / No |
| Notes: | PRINTED NAME: Justin R. [Signature] | DATE: 10/11/2021 |
| | SIGNATURE: [Signature] | CERT #: 6997 |
| | PHONE #: (503) 437 5003 | |

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 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: | Sep-21 | Disinfection Giardia Log Inactiv: | 0.5 |
|--------------|-------------------|---------|-------|-------------|--------|---|-----|

| | Date / Time | Residual at 1st User (C) | 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 | 1300 | 0.95 | 567 | 538.65 | 18.6 | 7.61 | 13.4 | YES | 396 |
| 2 | 1100 | 0.87 | 567 | 493.29 | 19.6 | 7.60 | 12.3 | YES | 528 |
| 3 | 900 | 0.97 | 567 | 549.99 | 17.9 | 7.60 | 14.0 | YES | 433 |
| 4 | 1000 | 0.60 | 567 | 340.2 | 18.3 | 7.57 | 12.9 | YES | 417 |
| 5 | 1000 | 1.12 | 567 | 635.04 | 19.1 | 7.58 | 13.0 | YES | 342 |
| 6 | 800 | 1.04 | 567 | 589.68 | 19.0 | 7.57 | 12.9 | YES | 445 |
| 7 | 1000 | 1.01 | 567 | 572.67 | 20.0 | 7.62 | 12.3 | YES | 470 |
| 8 | 830 | 0.94 | 567 | 532.98 | 19.5 | 7.55 | 12.3 | YES | 545 |
| 9 | 1000 | 0.99 | 567 | 561.33 | 20.8 | 7.59 | 11.5 | YES | 416 |
| 10 | 900 | 0.90 | 567 | 510.3 | 20.0 | 7.56 | 11.9 | YES | 419 |
| 11 | 730 | 0.89 | 567 | 504.63 | 19.40 | 7.59 | 12.5 | YES | 356 |
| 12 | 930 | 0.87 | 567 | 493.29 | 19.80 | 7.57 | 12.0 | YES | 364 |
| 13 | 830 | 0.86 | 567 | 487.62 | 19.20 | 7.61 | 12.7 | YES | 472 |
| 14 | 1030 | 0.90 | 567 | 510.3 | 18.50 | 7.62 | 13.4 | YES | 432 |
| 15 | 900 | 0.89 | 567 | 504.63 | 18.70 | 7.58 | 13.0 | YES | 499 |
| 16 | 1000 | 0.89 | 567 | 504.63 | 18.50 | 7.60 | 13.3 | YES | 467 |
| 17 | 1000 | 0.90 | 567 | 510.3 | 18.20 | 7.63 | 13.7 | YES | 447 |
| 18 | 830 | 0.89 | 567 | 504.63 | 18.10 | 7.61 | 13.7 | YES | 264 |
| 19 | 630 | 0.85 | 567 | 481.95 | 17.70 | 7.62 | 14.1 | YES | 354 |
| 20 | 900 | 0.72 | 567 | 408.24 | 18.40 | 7.54 | 12.8 | YES | 396 |
| 21 | 900 | 0.80 | 567 | 453.6 | 17.30 | 7.68 | 14.7 | YES | 451 |
| 22 | 930 | 0.86 | 567 | 487.62 | 17.30 | 7.66 | 14.7 | YES | 418 |
| 23 | 1400 | 0.83 | 567 | 470.61 | 17.20 | 7.63 | 14.6 | YES | 478 |
| 24 | 1300 | 1.06 | 567 | 601.02 | 17.10 | 7.64 | 15.1 | YES | 385 |
| 25 | 1300 | 0.97 | 567 | 549.99 | 17.10 | 7.65 | 15.0 | YES | 365 |
| 26 | 1100 | 1.02 | 567 | 578.34 | 16.90 | 7.64 | 15.2 | YES | 365 |
| 27 | 1100 | 1.01 | 567 | 572.67 | 17.10 | 7.63 | 15.0 | YES | 447 |
| 28 | 1100 | 1.03 | 567 | 584.01 | 16.50 | 7.60 | 15.4 | YES | 450 |
| 29 | 1400 | 0.84 | 567 | 476.28 | 16.20 | 7.64 | 15.7 | YES | 476 |
| 30 | 800 | 0.93 | 567 | 527.31 | 15.40 | 7.60 | 16.4 | YES | 539 |
| 31 | | | | | | | | | |

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