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

**County:** Yamhill
**Month/Year:** Mar-22

**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 | 0.056 | 0.051 | 0.056 | off | 0.042 | 0.041 | 0.240 |
| 2 | 0.057 | 0.041 | 0.039 | 0.042 | 0.037 | 0.046 | 0.078 |
| 3 | 0.039 | 0.046 | 0.037 | 0.040 | 0.038 | 0.040 | 0.100 |
| 4 | 0.037 | 0.037 | off | 0.037 | 0.041 | 0.039 | 0.063 |
| 5 | 0.039 | 0.038 | off | 0.041 | off | off | 0.113 |
| 6 | off | 0.037 | 0.046 | 0.039 | 0.037 | off | 0.067 |
| 7 | off | off | 0.040 | off | 0.035 | 0.047 | 0.115 |
| 8 | 0.035 | 0.085 | off | 0.032 | 0.028 | 0.048 | 0.176 |
| 9 | 0.030 | 0.041 | off | 0.030 | 0.052 | 0.031 | 0.080 |
| 10 | 0.031 | 0.036 | off | 0.043 | off | 0.043 | 0.087 |
| 11 | off | 0.040 | off | 0.043 | 0.037 | 0.067 | 0.093 |
| 12 | 0.041 | off | off | 0.042 | 0.039 | 0.041 | 0.083 |
| 13 | 0.043 | off | off | 0.110 | off | off | 0.180 |
| 14 | 0.049 | off | 0.060 | off | 0.087 | 0.038 | 0.209 |
| 15 | 0.036 | 0.036 | 0.036 | 0.067 | 0.037 | 0.035 | 0.074 |
| 16 | off | off | 0.029 | 0.028 | 0.033 | 0.028 | 0.086 |
| 17 | 0.028 | 0.032 | 0.028 | 0.029 | 0.033 | off | 0.057 |
| 18 | off | off | 0.028 | 0.028 | 0.032 | 0.028 | 0.055 |
| 19 | 0.027 | 0.031 | 0.067 | 0.029 | off | off | 0.068 |
| 20 | 0.027 | 0.027 | 0.038 | 0.029 | 0.027 | 0.045 | 0.083 |
| 21 | off | off | off | 0.028 | 0.028 | 0.033 | 0.059 |
| 22 | 0.031 | off | 0.030 | 0.029 | 0.032 | 0.028 | 0.056 |
| 23 | 0.028 | off | off | 0.035 | 0.029 | 0.032 | 0.077 |
| 24 | 0.028 | 0.030 | off | off | 0.037 | 0.030 | 0.096 |
| 25 | 0.031 | 0.045 | off | 0.034 | 0.031 | 0.051 | 0.078 |
| 26 | off | off | off | 0.030 | 0.030 | 0.028 | 0.063 |
| 27 | off | off | off | 0.030 | 0.030 | 0.050 | 0.128 |
| 28 | off | off | 0.028 | 0.032 | 0.053 | 0.032 | 0.143 |
| 29 | 0.030 | 0.041 | 0.030 | off | 0.035 | 0.028 | 0.193 |
| 30 | off | off | 0.039 | 0.032 | 0.036 | 0.033 | 0.077 |
| 31 | 0.032 | 0.043 | off | off | 0.034 | 0.030 | 0.128 |

| 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 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[2] triggers | (Yes) / No | | |

**Notes:**

**PRINTED NAME:** Justin R Biggs
**SIGNATURE:** _(signature)_  **DATE:** 4/1/2022
**PHONE #:** (503)876 2242  **CERT #:** 6997

[1] Including continuous NTU data, if applicable, for optimization turbidity 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:** **Mar-22** | **Disinfection** *Giardia* **Log Inactiv:** 0.5 |

| | 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 | 1300 | 0.88 | 567 | 498.96 | 7.5 | 7.50 | 26.8 | YES | 516 |
| 2 | 1300 | 0.61 | 567 | 345.87 | 9.4 | 7.40 | 22.1 | YES | 491 |
| 3 | 900 | 0.75 | 567 | 425.25 | 9.3 | 7.53 | 23.7 | YES | 500 |
| 4 | 1300 | 0.78 | 567 | 442.26 | 9.2 | 7.46 | 23.3 | YES | 464 |
| 5 | 930 | 0.83 | 567 | 470.61 | 12.5 | 7.58 | 19.6 | YES | 452 |
| 6 | 830 | 0.72 | 567 | 408.24 | 11.5 | 7.44 | 19.8 | YES | 359 |
| 7 | 930 | 0.73 | 567 | 413.91 | 9.6 | 7.36 | 21.8 | YES | 473 |
| 8 | 1200 | 0.86 | 567 | 487.62 | 10.6 | 7.51 | 21.8 | YES | 398 |
| 9 | 930 | 1.03 | 567 | 584.01 | 12.5 | 7.49 | 19.4 | YES | 511 |
| 10 | 1300 | 0.63 | 567 | 357.21 | 10.5 | 7.54 | 21.6 | YES | 469 |
| 11 | 1100 | 0.72 | 567 | 408.24 | 9.60 | 7.63 | 23.9 | YES | 491 |
| 12 | 1030 | 0.82 | 567 | 464.94 | 9.60 | 7.59 | 23.9 | YES | 537 |
| 13 | 1030 | 0.81 | 567 | 459.27 | 8.30 | 7.57 | 25.8 | YES | 677 |
| 14 | 1300 | 0.89 | 567 | 504.63 | 10.20 | 7.62 | 23.4 | YES | 694 |
| 15 | 900 | 0.97 | 567 | 549.99 | 9.30 | 7.47 | 23.7 | YES | 658 |
| 16 | 930 | 0.98 | 567 | 555.66 | 10.10 | 7.47 | 22.5 | YES | 484 |
| 17 | 1400 | 0.87 | 567 | 493.29 | 10.00 | 7.48 | 22.5 | YES | 638 |
| 18 | 1300 | 0.84 | 567 | 476.28 | 10.90 | 7.43 | 20.8 | YES | 399 |
| 19 | 930 | 0.82 | 567 | 464.94 | 10.90 | 7.46 | 20.9 | YES | 439 |
| 20 | 900 | 0.79 | 567 | 447.93 | 11.10 | 7.44 | 20.4 | YES | 563 |
| 21 | 930 | 0.80 | 567 | 453.6 | 11.00 | 7.49 | 21.0 | YES | 491 |
| 22 | 1300 | 0.74 | 567 | 419.58 | 10.90 | 7.50 | 21.0 | YES | 476 |
| 23 | 1000 | 0.78 | 567 | 442.26 | 12.00 | 7.48 | 19.5 | YES | 739 |
| 24 | 1400 | 0.77 | 567 | 436.59 | 13.00 | 7.52 | 18.4 | YES | 529 |
| 25 | 930 | 0.77 | 567 | 436.59 | 12.40 | 7.80 | 21.2 | YES | 397 |
| 26 | 1100 | 0.73 | 567 | 413.91 | 10.70 | 7.57 | 21.8 | YES | 336 |
| 27 | 1030 | 0.68 | 567 | 385.56 | 10.20 | 7.45 | 21.5 | YES | 212 |
| 28 | 1000 | 0.81 | 567 | 459.27 | 13.40 | 7.62 | 18.7 | YES | 383 |
| 29 | 1400 | 0.79 | 567 | 447.93 | 13.30 | 7.62 | 18.7 | YES | 571 |
| 30 | 1030 | 0.81 | 567 | 459.27 | 13.30 | 7.59 | 18.6 | YES | 354 |
| 31 | 1500 | 0.79 | 567 | 447.93 | 12.60 | 7.57 | 19.3 | YES | 564 |

[3] If $Cl_2$ 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
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