

## OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

## Conventional or Direct Filtration

Month/Year: Jul-25

| System Name: | WILSONVILLE, CITY OF |               |               | ID#: 41       | 00954         | WTP-: WTP-H   |                                               |
|--------------|----------------------|---------------|---------------|---------------|---------------|---------------|-----------------------------------------------|
| Day          | 12 AM<br>[NTU]       | 4 AM<br>[NTU] | 8 AM<br>[NTU] | NOON<br>[NTU] | 4 PM<br>[NTU] | 8 PM<br>[NTU] | Highest Reading of the Day <sup>1</sup> [NTU] |
| 1            | 0.040                | 0.049         | 0.027         | 0.023         | 0.024         | 0.025         | 0.05                                          |
| 2            | 0.059                | 0.055         | 0.035         | 0.029         | 0.029         | 0.033         | 0.06                                          |
| 3            | 0.028                | 0.029         | 0.025         | 0.029         | 0.027         | 0.031         | 0.03                                          |
| 4            | 0.034                | 0.034         | 0.028         | 0.029         | 0.037         | 0.040         | 0.04                                          |
| 5            | 0.034                | 0.030         | 0.037         | 0.034         | 0.036         | 0.034         | 0.04                                          |
| 6            | 0.036                | 0.030         | 0.032         | 0.038         | 0.030         | 0.027         | 0.04                                          |
| 7            | 0.042                | 0.050         | 0.025         | 0.021         | 0.027         | 0.028         | 0.05                                          |
| 8            | 0.027                | 0.025         | 0.028         | 0.027         | 0.023         | 0.028         | 0.03                                          |
| 9            | 0.033                | 0.044         | 0.030         | 0.033         | Plant Off     | 0.038         | 0.04                                          |
| 10           | 0.048                | 0.052         | 0.030         | 0.034         | 0.030         | 0.040         | 0.05                                          |
| 11           | 0.037                | 0.038         | 0.038         | 0.035         | 0.031         | 0.037         | 0.04                                          |
| 12           | 0.037                | 0.037         | 0.027         | 0.025         | 0.031         | 0.032         | 0.04                                          |
| 13           | 0.032                | 0.030         | 0.030         | 0.025         | 0.038         | 0.027         | 0.04                                          |
| 14           | 0.026                | 0.024         | 0.026         | 0.026         | 0.028         | 0.028         | 0.03                                          |
| 15           | 0.029                | 0.029         | 0.023         | 0.024         | 0.030         | 0.028         | 0.03                                          |
| 16           | 0.031                | 0.029         | 0.027         | 0.030         | 0.027         | 0.031         | 0.03                                          |
| 17           | 0.034                | 0.027         | 0.032         | 0.024         | 0.034         | 0.034         | 0.03                                          |
| 18           | 0.034                | 0.034         | 0.031         | 0.029         | 0.036         | 0.038         | 0.04                                          |
| 19           | 0.037                | 0.033         | 0.030         | 0.028         | 0.027         | 0.037         | 0.04                                          |
| 20           | 0.036                | 0.034         | 0.028         | 0.031         | 0.032         | 0.040         | 0.04                                          |
| 21           | 0.041                | 0.034         | 0.034         | 0.028         | Plant Off     | 0.043         | 0.04                                          |
| 22           | 0.033                | 0.035         | 0.026         | 0.028         | 0.030         | 0.032         | 0.04                                          |
| 23           | 0.036                | 0.034         | 0.029         | 0.030         | 0.030         | 0.028         | 0.04                                          |
| 24           | 0.027                | 0.037         | 0.034         | 0.025         | 0.023         | 0.025         | 0.04                                          |
| 25           | 0.021                | 0.024         | 0.029         | 0.028         | 0.033         | 0.025         | 0.03                                          |
| 26           | 0.024                | 0.024         | 0.028         | 0.027         | 0.030         | 0.028         | 0.03                                          |
| 27           | 0.029                | 0.026         | 0.029         | 0.030         | 0.029         | 0.025         | 0.03                                          |
| 28           | 0.029                | 0.024         | 0.039         | 0.026         | 0.039         | 0.031         | 0.04                                          |
| 29           | 0.028                | 0.027         | 0.023         | 0.053         | 0.058         | 0.030         | 0.06                                          |
| 30           | 0.026                | 0.026         | 0.029         | 0.040         | 0.032         | 0.039         | 0.04                                          |
| 31           | 0.037                | 0.031         | 0.029         | 0.034         | 0.029         | 0.033         | 0.04                                          |

## Conventional or Direct Filtration

## Monthly Summary (Answer Yes or No)

95% of daily turbidity readings  $\leq$  0.3 NTU?

Yes No

All daily turbidity readings  $\leq$  1 NTU?

Yes No

All turbidity readings  $<$  IFE<sup>2</sup> triggers

Yes No

CT's met everyday?  
(see back)

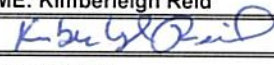
Yes No

All Cl<sub>2</sub> residual at entry point  
 $\geq$  0.2 mg/l?

Yes No

Notes:

PRINTED NAME: Kimberleigh Reid

SIGNATURE: 

CERT#

PHONE #: (503) 582-9655

T-371621

<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 = Indiv. Filter Effl. (333-061-0040(1)(e)(B&C))

## OHA - Drinking Water Program - Surface Water Quality Data Form

|              |                      |         |       |             |        | WTP - :                                     | WTP-H |
|--------------|----------------------|---------|-------|-------------|--------|---------------------------------------------|-------|
| System Name: | WILSONVILLE, CITY OF | ID#: 41 | 00954 | Month/Year: | Jul-25 | Disinfection <i>Giardia</i><br>Log Inactiv: | 0.5   |

| Date / Time | Minimum Cl <sub>2</sub><br>Residual at 1st<br>User ( C ) <sup>3</sup> | 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           | 0.82                                                                  | 31                  | 25.7      | 22.6  | 7.76 | 10.6        | Yes                  | 8991                       |
| 2           | 0.81                                                                  | 28                  | 22.9      | 23.4  | 7.94 | 10.7        | Yes                  | 9549                       |
| 3           | 0.80                                                                  | 47                  | 37.4      | 24.4  | 7.83 | 9.7         | Yes                  | 8548                       |
| 4           | 0.74                                                                  | 51                  | 37.7      | 24.4  | 7.94 | 10.0        | Yes                  | 8580                       |
| 5           | 0.92                                                                  | 52                  | 48.1      | 23.9  | 7.93 | 10.5        | Yes                  | 8248                       |
| 6           | 0.90                                                                  | 53                  | 47.7      | 23.5  | 7.83 | 10.3        | Yes                  | 8368                       |
| 7           | 0.86                                                                  | 29                  | 25.1      | 23.1  | 7.82 | 10.5        | Yes                  | 9812                       |
| 8           | 1.02                                                                  | 49                  | 49.7      | 23.4  | 7.91 | 10.9        | Yes                  | 8163                       |
| 9           | 0.99                                                                  | 28                  | 27.4      | 23.6  | 7.86 | 10.5        | Yes                  | 9872                       |
| 10          | 0.95                                                                  | 32                  | 30.5      | 24.1  | 7.90 | 10.3        | Yes                  | 8667                       |
| 11          | 0.92                                                                  | 29                  | 26.5      | 24.4  | 7.91 | 10.1        | Yes                  | 9702                       |
| 12          | 0.82                                                                  | 32                  | 26.1      | 24.6  | 7.89 | 9.8         | Yes                  | 8616                       |
| 13          | 0.85                                                                  | 45                  | 38.4      | 24.8  | 7.83 | 9.4         | Yes                  | 8979                       |
| 14          | 0.86                                                                  | 29                  | 25.2      | 25.1  | 7.86 | 9.4         | Yes                  | 9621                       |
| 15          | 0.99                                                                  | 32                  | 31.8      | 25.3  | 7.82 | 9.2         | Yes                  | 9050                       |
| 16          | 0.95                                                                  | 34                  | 32.5      | 25.7  | 7.90 | 9.2         | Yes                  | 8838                       |
| 17          | 0.96                                                                  | 29                  | 28.1      | 25.8  | 7.94 | 9.3         | Yes                  | 9628                       |
| 18          | 0.87                                                                  | 29                  | 25.3      | 25.7  | 7.90 | 9.1         | Yes                  | 9632                       |
| 19          | 0.92                                                                  | 33                  | 30.0      | 25.5  | 7.88 | 9.2         | Yes                  | 8673                       |
| 20          | 0.95                                                                  | 30                  | 28.9      | 25.2  | 7.73 | 8.9         | Yes                  | 9531                       |
| 21          | 0.92                                                                  | 53                  | 48.2      | 24.6  | 7.79 | 9.5         | Yes                  | 8213                       |
| 22          | 0.97                                                                  | 51                  | 49.4      | 23.9  | 7.93 | 10.6        | Yes                  | 8218                       |
| 23          | 0.95                                                                  | 33                  | 31.6      | 23.5  | 7.82 | 10.4        | Yes                  | 8781                       |
| 24          | 0.91                                                                  | 30                  | 27.1      | 23.5  | 8.16 | 11.7        | Yes                  | 9977                       |
| 25          | 0.85                                                                  | 30                  | 25.6      | 23.7  | 7.91 | 10.5        | Yes                  | 9303                       |
| 26          | 0.87                                                                  | 45                  | 39.3      | 23.9  | 7.97 | 10.6        | Yes                  | 9026                       |
| 27          | 0.93                                                                  | 50                  | 46.6      | 24.0  | 7.95 | 10.6        | Yes                  | 8152                       |
| 28          | 0.99                                                                  | 32                  | 31.4      | 24.0  | 7.82 | 10.1        | Yes                  | 9483                       |
| 29          | 0.97                                                                  | 30                  | 29.6      | 23.9  | 7.85 | 10.3        | Yes                  | 9776                       |
| 30          | 1.01                                                                  | 31                  | 31.0      | 23.9  | 7.84 | 10.2        | Yes                  | 9625                       |
| 31          | 0.86                                                                  | 33                  | 28.0      | 23.9  | 7.88 | 10.2        | Yes                  | 8826                       |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012



## SUPPLEMENTAL OZONE DATA

| System Name: <b>Wilsonville</b> PWS ID#: <b>4100954 H</b> Month/Year: <b>JUL 2025</b> |                                              |                                               |                                         |                                                      |                                                    |                                                                       |                                                                   |                                               |
|---------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------|
| Date                                                                                  | Ozone<br>Contactor<br>Applied<br>Flow<br>gpm | Ozone<br>Residual<br>First<br>Chamber<br>mg/L | Sum<br>CT<br>Ozone<br>Chambers<br>C X T | Crypto-<br>sporidium<br>Ozone<br>Inactivation<br>Log | Minimum<br>Giardia<br>Ozone<br>Inactivation<br>Log | Giardia<br>Removal<br>Credit for<br>Conventional<br>Filtration<br>Log | Sum of<br>Giardia<br>Inactivation<br>Clear Well<br>+ Ozone<br>Log | Total<br>Plant<br>Giardia<br>Log<br>Reduction |
| 1                                                                                     | 3178                                         | 0.38                                          | 2.82                                    | 0.9                                                  | 3.0                                                | 2.5                                                                   | 3.4                                                               | 5.9                                           |
| 2                                                                                     | 3370                                         | 0.38                                          | 2.70                                    | 1.0                                                  | 3.0                                                | 2.5                                                                   | 3.3                                                               | 5.8                                           |
| 3                                                                                     | 3190                                         | 0.37                                          | 2.75                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 4                                                                                     | 3059                                         | 0.36                                          | 2.39                                    | 0.9                                                  | 3.0                                                | 2.5                                                                   | 3.7                                                               | 6.2                                           |
| 5                                                                                     | 2999                                         | 0.38                                          | 2.84                                    | 1.0                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 6                                                                                     | 3001                                         | 0.40                                          | 3.43                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 7                                                                                     | 3518                                         | 0.41                                          | 3.35                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 8                                                                                     | 2996                                         | 0.42                                          | 3.78                                    | 1.3                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 9                                                                                     | 3233                                         | 0.44                                          | 4.14                                    | 1.5                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 10                                                                                    | 3376                                         | 0.43                                          | 3.82                                    | 1.4                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 11                                                                                    | 3598                                         | 0.44                                          | 3.89                                    | 1.5                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 12                                                                                    | 3192                                         | 0.43                                          | 4.05                                    | 1.6                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 13                                                                                    | 3038                                         | 0.42                                          | 3.99                                    | 1.6                                                  | 3.0                                                | 2.5                                                                   | 3.7                                                               | 6.2                                           |
| 14                                                                                    | 3484                                         | 0.43                                          | 3.80                                    | 1.6                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 15                                                                                    | 3493                                         | 0.40                                          | 3.40                                    | 1.4                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 16                                                                                    | 3507                                         | 0.38                                          | 2.66                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 17                                                                                    | 3696                                         | 0.38                                          | 2.58                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 18                                                                                    | 3562                                         | 0.37                                          | 2.47                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 19                                                                                    | 3328                                         | 0.38                                          | 2.88                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 20                                                                                    | 3308                                         | 0.40                                          | 3.03                                    | 1.3                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 21                                                                                    | 3029                                         | 0.37                                          | 2.93                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 22                                                                                    | 3028                                         | 0.41                                          | 3.89                                    | 1.4                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 23                                                                                    | 3309                                         | 0.47                                          | 4.73                                    | 1.7                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 24                                                                                    | 3722                                         | 0.46                                          | 4.09                                    | 1.4                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 25                                                                                    | 3482                                         | 0.49                                          | 4.06                                    | 1.5                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 26                                                                                    | 3122                                         | 0.52                                          | 3.33                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.8                                                               | 6.3                                           |
| 27                                                                                    | 3150                                         | 0.51                                          | 3.32                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.9                                                               | 6.4                                           |
| 28                                                                                    | 3472                                         | 0.52                                          | 3.17                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 29                                                                                    | 3599                                         | 0.53                                          | 3.31                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |
| 30                                                                                    | 3320                                         | 0.52                                          | 3.38                                    | 1.2                                                  | 3.0                                                | 2.5                                                                   | 3.6                                                               | 6.1                                           |
| 31                                                                                    | 3304                                         | 0.50                                          | 3.05                                    | 1.1                                                  | 3.0                                                | 2.5                                                                   | 3.5                                                               | 6.0                                           |