

OHA - Drinking Water Services - Surface Water Quality Data Form

County:

Clackamas

Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

Month/Year:

Feb, 2023

|  |      |               |      |      |                                    |      |  |        |        |
|--|------|---------------|------|------|------------------------------------|------|--|--------|--------|
| System Name:                                     |      | City of Sandy |      |      | ID#: 4100789C                      |      | WTP: TP- Bull Run                                    |        |        |
|  | 12AM | 4 AM          | 8 AM | NOON | 4 PM                               | 8 PM | Highest Reading of                                   |        |        |
| Slow Sand/Membrane/DE Filtration/Unfiltered      |      |               |      |      | Monthly Summary (Answer Yes or No) |      |  |        |        |
| 95% of daily turbidity readings $\leq$ 1 NTU? *2 |      |               |      |      | CT's met Everyday?<br>(see back)   |      | ALL CL2 residuals at Entry Point<br>$\geq$ 0.2 mg/l? |        |        |
| All daily turbidity readings $\leq$ 5 NTU?       |      |               |      |      | Yes / No                           |      | Yes / No   |        |        |
| NOTES:<br>PWB TURBIDITY REPORTED BY PWB          |      |               |      |      | Printed Name: Mike Greene          |      |  |        |        |
|  |      |               |      |      | Signature                          |      |  | DATE   | 3/8/23 |
|  |      |               |      |      | PHONE #: (503) 807-5241            |      |  | CERT#: | 2097   |

OHA - Drinking Water Program - Surface Water Quality Data Form

|  |          |
|--|----------|
| WTP-:                                    | Bull Run |
| Disinfectio<br>n Giaddia<br>Log Inactiv: | 3        |

| System Name:           |      | City of Sandy        |                  | ID#: 4100789 C |             | Month/Yea Feb / 2023 |                      |                  |           |             |       |             |            |                       |
|------------------------|------|----------------------|------------------|----------------|-------------|----------------------|----------------------|------------------|-----------|-------------|-------|-------------|------------|-----------------------|
| CT Headworks to Larsen |      |                      |                  |                |             | CT Larsen to Hudson  |                      |                  |           |             |       |             |            |                       |
| Date / Time            | pH   | Minimum Cl2 Residual | Contact Time (T) | Actual CT      | Required CT | pH                   | Minimum Cl2 Residual | Contact Time (T) | Actual CT | Required CT | Temp  | Required CT | CT Met? *3 | Combined Inactivation |
|                        |      | [ppm or mg/L]        | [minutes]        | C X T          | formula     |                      | [ppm or mg/L]        | [minutes]        | C X T     | formula     | [° C] | formula     | Yes / No   | Ratio                 |
| 1                      | 6.62 | 2.26                 | 68.44            | 154.67         | 169.90      | 6.62                 | 2.39                 | 103.00           | 246.16    | 172.48      | 4.35  | 342.38      | Yes        | 2.34                  |
| 2                      | 6.63 | 2.24                 | 68.64            | 153.76         | 170.35      | 6.63                 | 2.38                 | 103.23           | 245.69    | 173.14      | 4.33  | 343.49      | Yes        | 2.32                  |
| 3                      | 6.63 | 2.23                 | 68.67            | 153.13         | 170.50      | 6.63                 | 2.36                 | 103.29           | 243.76    | 173.09      | 4.30  | 343.59      | Yes        | 2.31                  |
| 4                      | 6.64 | 2.22                 | 68.48            | 152.02         | 170.00      | 6.64                 | 2.35                 | 102.92           | 241.86    | 172.57      | 4.38  | 342.57      | Yes        | 2.30                  |
| 5                      | 6.63 | 2.26                 | 65.78            | 148.66         | 170.98      | 6.63                 | 2.40                 | 98.84            | 237.20    | 173.77      | 4.31  | 344.75      | Yes        | 2.23                  |
| 6                      | 6.63 | 2.26                 | 65.73            | 148.55         | 171.09      | 6.63                 | 2.41                 | 98.73            | 237.93    | 174.09      | 4.30  | 345.19      | Yes        | 2.23                  |
| 7                      | 6.64 | 2.30                 | 66.33            | 152.55         | 172.39      | 6.64                 | 2.40                 | 99.67            | 239.20    | 174.40      | 4.31  | 346.79      | Yes        | 2.26                  |
| 8                      | 6.65 | 2.24                 | 64.28            | 144.00         | 172.28      | 6.65                 | 2.36                 | 96.58            | 227.92    | 174.69      | 4.27  | 346.97      | Yes        | 2.14                  |
| 9                      | 6.65 | 2.27                 | 66.15            | 150.16         | 171.72      | 6.65                 | 2.40                 | 99.19            | 238.07    | 174.32      | 4.37  | 346.04      | Yes        | 2.24                  |
| 10                     | 6.66 | 2.26                 | 68.26            | 154.28         | 171.90      | 6.66                 | 2.38                 | 102.53           | 244.03    | 174.31      | 4.39  | 346.21      | Yes        | 2.30                  |
| 11                     | 6.66 | 2.25                 | 68.63            | 154.41         | 170.20      | 6.66                 | 2.35                 | 103.07           | 242.23    | 172.18      | 4.52  | 342.39      | Yes        | 2.31                  |
| 12                     | 6.65 | 2.28                 | 67.79            | 154.57         | 169.84      | 6.65                 | 2.40                 | 101.90           | 244.56    | 172.21      | 4.55  | 342.05      | Yes        | 2.33                  |
| 13                     | 6.65 | 2.26                 | 67.33            | 152.17         | 169.56      | 6.65                 | 2.36                 | 101.16           | 238.75    | 171.53      | 4.54  | 341.09      | Yes        | 2.29                  |
| 14                     | 6.65 | 2.28                 | 67.27            | 153.37         | 170.18      | 6.65                 | 2.39                 | 101.16           | 241.78    | 172.36      | 4.52  | 342.54      | Yes        | 2.30                  |
| 15                     | 6.66 | 2.29                 | 67.34            | 154.21         | 170.99      | 6.66                 | 2.39                 | 101.18           | 241.82    | 172.98      | 4.52  | 343.98      | Yes        | 2.30                  |
| 16                     | 6.66 | 2.24                 | 68.55            | 153.56         | 169.43      | 6.66                 | 2.38                 | 103.04           | 245.23    | 172.20      | 4.57  | 341.63      | Yes        | 2.33                  |
| 17                     | 6.67 | 2.24                 | 68.46            | 153.36         | 169.24      | 6.67                 | 2.38                 | 103.21           | 245.64    | 172.01      | 4.64  | 341.25      | Yes        | 2.33                  |
| 18                     | 6.67 | 2.23                 | 68.51            | 152.79         | 169.16      | 6.67                 | 2.37                 | 103.00           | 244.10    | 171.92      | 4.63  | 341.08      | Yes        | 2.32                  |
| 19                     | 6.67 | 2.25                 | 68.57            | 154.27         | 170.47      | 6.67                 | 2.40                 | 103.00           | 247.19    | 173.46      | 4.55  | 343.93      | Yes        | 2.33                  |
| 20                     | 6.69 | 2.19                 | 67.06            | 146.87         | 170.98      | 6.69                 | 2.34                 | 100.70           | 235.63    | 173.97      | 4.51  | 344.95      | Yes        | 2.21                  |
| 21                     | 6.68 | 2.19                 | 66.78            | 146.24         | 170.48      | 6.68                 | 2.35                 | 100.14           | 235.33    | 173.66      | 4.50  | 344.14      | Yes        | 2.21                  |
| 22                     | 6.67 | 2.35                 | 68.31            | 160.54         | 174.33      | 6.67                 | 2.35                 | 102.63           | 241.18    | 174.33      | 4.39  | 348.66      | Yes        | 2.30                  |
| 23                     | 6.71 | 2.33                 | 68.25            | 159.03         | 179.35      | 6.71                 | 2.31                 | 102.36           | 236.45    | 178.93      | 4.15  | 358.29      | Yes        | 2.21                  |
| 24                     | 6.70 | 2.35                 | 68.64            | 161.31         | 179.85      | 6.70                 | 2.32                 | 102.90           | 238.73    | 179.22      | 4.09  | 359.07      | Yes        | 2.23                  |
| 25                     | 6.70 | 2.11                 | 63.06            | 133.05         | 178.14      | 6.70                 | 2.31                 | 94.73            | 218.83    | 182.33      | 3.82  | 360.47      | Yes        | 1.95                  |
| 26                     | 6.73 | 2.28                 | 62.82            | 143.24         | 182.93      | 6.73                 | 2.29                 | 94.34            | 216.04    | 183.14      | 3.88  | 366.07      | Yes        | 1.96                  |
| 27                     | 6.73 | 2.28                 | 62.84            | 143.26         | 182.80      | 6.73                 | 2.28                 | 94.36            | 215.13    | 182.80      | 3.89  | 365.61      | Yes        | 1.96                  |
| 28                     | 6.70 | 2.33                 | 63.06            | 146.92         | 185.25      | 6.70                 | 2.33                 | 94.65            | 220.54    | 185.25      | 3.62  | 370.50      | Yes        | 1.98                  |
|                        |      |                      |                  |                |             |                      |                      |                  |           |             |       |             |            |                       |
|                        |      |                      |                  |                |             |                      |                      |                  |           |             |       |             |            |                       |
|                        |      |                      |                  |                |             |                      |                      |                  |           |             |       |             |            |                       |

\*3 If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.