

OHA - Drinking Water Services - Surface Water Quality Data Form

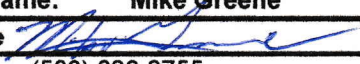
County:

Clackamas

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

Month/Year:

Apr, 2024

|  |  |  |  |  |
|--|--|--|--|--|
| System Name: <b>City of Sandy</b>  |  | ID#: <b>4100789C</b>   | WTP: <b>TP- Bull Run</b>                             |  |
| <b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>   |  | <b>Monthly Summary (Answer Yes or No)</b>  |  |  |
| 95% of daily turbidity readings $\leq$ 1 NTU? *2 <input checked="" type="radio"/> Yes / No |  | 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? <input checked="" type="radio"/> Yes / No       |  | <input checked="" type="radio"/> Yes / No  | <input checked="" type="radio"/> Yes / No            |  |
| NOTES:<br>PWB Turbidity reported by PWB  |  | Printed Name: <b>Mike Greene</b>   |  |  |
|  |  | Signature  | DATE: <b>5/8/2024</b>                                |  |
|  |  | PHONE #: (503) 826-2755  | CERT#: T/IV (FE) 2097                                |  |

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP:- Bull Run

System Name: City of Sandy

ID#: 4100789 C

Month/Yea Apr / 2024

Disinfection  
Gladdia  
Log Inactiv:

3

| Date / Time | CT Headworks to Larsen |                      |                  |           |             | CT Larsen to Hudson |                      |                  |           |             | Temp | Required CT | CT Met? *3 | Combined Inactivation |
|-------------|------------------------|----------------------|------------------|-----------|-------------|---------------------|----------------------|------------------|-----------|-------------|------|-------------|------------|-----------------------|
|             | pH                     | Minimum Cl2 Residual | Contact Time (T) | Actual CT | Required CT | pH                  | Minimum Cl2 Residual | Contact Time (T) | Actual CT | Required CT |      |             |            |                       |
|             |                        | [ppm or mg/L]        | [minutes]        | C X T     | formula     |                     | [ppm or mg/L]        | [minutes]        | C X T     | formula     |      |             |            |                       |
| 1           | 6.54                   | 2.41                 | 66.14            | 159.39    | 148.95      | 6.54                | 2.34                 | 99.54            | 232.92    | 147.77      | 6.14 | 296.72      | Yes        | 2.65                  |
| 2           | 6.55                   | 2.43                 | 58.10            | 141.18    | 146.66      | 6.55                | 2.34                 | 87.37            | 204.45    | 145.16      | 6.46 | 291.82      | Yes        | 2.37                  |
| 3           | 6.54                   | 2.49                 | 58.25            | 145.04    | 151.94      | 6.54                | 2.35                 | 87.60            | 205.86    | 149.52      | 5.98 | 301.46      | Yes        | 2.33                  |
| 4           | 6.55                   | 2.44                 | 58.17            | 141.93    | 144.98      | 6.55                | 2.29                 | 87.44            | 200.25    | 142.52      | 6.65 | 287.51      | Yes        | 2.38                  |
| 5           | 6.54                   | 2.45                 | 58.70            | 143.81    | 144.92      | 6.54                | 2.31                 | 88.24            | 203.82    | 142.63      | 6.62 | 287.55      | Yes        | 2.42                  |
| 6           | 6.54                   | 2.48                 | 58.69            | 145.55    | 146.00      | 6.54                | 2.33                 | 88.31            | 205.76    | 143.53      | 6.56 | 289.53      | Yes        | 2.43                  |
| 7           | 6.53                   | 2.44                 | 63.41            | 154.72    | 144.82      | 6.53                | 2.29                 | 95.43            | 218.53    | 142.37      | 6.56 | 287.19      | Yes        | 2.60                  |
| 8           | 6.51                   | 2.46                 | 62.62            | 154.06    | 144.61      | 6.51                | 2.33                 | 94.27            | 219.66    | 142.48      | 6.51 | 287.09      | Yes        | 2.61                  |
| 9           | 6.52                   | 2.47                 | 63.23            | 156.17    | 143.56      | 6.52                | 2.33                 | 95.25            | 221.92    | 141.29      | 6.69 | 284.84      | Yes        | 2.66                  |
| 10          | 6.53                   | 2.39                 | 61.15            | 146.15    | 142.66      | 6.53                | 2.29                 | 91.95            | 210.57    | 141.05      | 6.70 | 283.71      | Yes        | 2.52                  |
| 11          | 6.54                   | 2.39                 | 62.26            | 148.80    | 139.42      | 6.54                | 0.19                 | 93.77            | 17.82     | 108.95      | 7.10 | 248.37      | Yes        | 1.23                  |
| 12          | 6.54                   | 2.45                 | 63.06            | 154.49    | 143.39      | 6.54                | 2.36                 | 94.83            | 223.80    | 141.93      | 6.78 | 285.31      | Yes        | 2.65                  |
| 13          | 6.55                   | 2.43                 | 64.02            | 155.57    | 137.50      | 6.55                | 2.31                 | 96.25            | 222.35    | 135.65      | 7.43 | 273.15      | Yes        | 2.77                  |
| 14          | 6.54                   | 2.43                 | 53.88            | 130.94    | 138.94      | 6.54                | 2.31                 | 81.01            | 187.14    | 137.06      | 7.22 | 276.00      | Yes        | 2.31                  |
| 15          | 6.53                   | 2.48                 | 54.40            | 134.91    | 142.23      | 6.53                | 2.33                 | 81.68            | 190.32    | 139.82      | 6.90 | 282.05      | Yes        | 2.31                  |
| 16          | 6.54                   | 2.41                 | 54.37            | 131.03    | 138.99      | 6.54                | 2.32                 | 81.71            | 189.56    | 137.58      | 7.18 | 276.57      | Yes        | 2.32                  |
| 17          | 6.56                   | 2.34                 | 57.47            | 134.48    | 137.59      | 6.56                | 2.29                 | 86.36            | 197.77    | 136.81      | 7.32 | 274.40      | Yes        | 2.42                  |
| 18          | 6.55                   | 2.40                 | 60.06            | 144.14    | 135.95      | 6.55                | 2.36                 | 90.28            | 213.06    | 135.34      | 7.55 | 271.29      | Yes        | 2.63                  |
| 19          | 6.57                   | 2.49                 | 60.12            | 149.69    | 133.38      | 6.57                | 2.29                 | 90.40            | 207.02    | 130.40      | 8.10 | 263.78      | Yes        | 2.71                  |
| 20          | 6.57                   | 2.47                 | 55.50            | 137.08    | 128.59      | 6.57                | 2.32                 | 83.27            | 193.18    | 126.44      | 8.62 | 255.03      | Yes        | 2.59                  |
| 21          | 6.55                   | 2.41                 | 55.48            | 133.71    | 132.38      | 6.55                | 2.31                 | 83.23            | 192.26    | 130.90      | 7.97 | 263.28      | Yes        | 2.48                  |
| 22          | 6.56                   | 2.38                 | 55.48            | 132.03    | 131.09      | 6.56                | 2.31                 | 83.28            | 192.37    | 130.06      | 8.12 | 261.16      | Yes        | 2.49                  |
| 23          | 6.57                   | 2.34                 | 55.49            | 129.85    | 127.81      | 6.57                | 2.31                 | 83.43            | 192.73    | 127.38      | 8.49 | 255.19      | Yes        | 2.53                  |
| 24          | 6.59                   | 2.47                 | 55.48            | 137.04    | 133.31      | 6.59                | 2.31                 | 83.38            | 192.61    | 130.92      | 8.18 | 264.23      | Yes        | 2.50                  |
| 25          | 6.67                   | 2.41                 | 55.45            | 133.64    | 133.61      | 6.67                | 2.29                 | 83.28            | 190.71    | 131.81      | 8.47 | 265.41      | Yes        | 2.45                  |
| 26          | 6.66                   | 2.44                 | 57.22            | 139.61    | 134.39      | 6.66                | 2.34                 | 86.20            | 201.71    | 132.87      | 8.38 | 267.26      | Yes        | 2.56                  |
| 27          | 6.64                   | 2.45                 | 57.54            | 140.98    | 136.36      | 6.64                | 2.33                 | 86.42            | 201.35    | 134.52      | 8.07 | 270.88      | Yes        | 2.53                  |
| 28          | 6.65                   | 2.42                 | 63.81            | 154.42    | 134.32      | 6.65                | 2.32                 | 96.12            | 222.99    | 132.81      | 8.30 | 267.13      | Yes        | 2.83                  |
| 29          | 6.65                   | 2.40                 | 62.63            | 150.32    | 133.49      | 6.65                | 2.32                 | 94.34            | 218.87    | 132.28      | 8.36 | 265.77      | Yes        | 2.78                  |
| 30          | 6.65                   | 2.38                 | 62.55            | 148.87    | 133.36      | 6.65                | 2.31                 | 94.13            | 217.44    | 132.31      | 8.34 | 265.67      | Yes        | 2.76                  |

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