

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Clackamas**

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

Month/Year: **Jun, 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 Yes / No | | | CT's met Everyday? (see back) | | ALL CL2 residuals at Entry Point \geq 0.2 mg/l? | |
| All daily turbidity readings \leq 5 NTU? Yes / No | | | Yes / No | | Yes / No | |
| NOTES: <i>Bull Run Turbidity values reported by Portland Water Bureau</i> | | | Printed Name: Keith Scranton | | | |
| | | | Signature <i>Keith Scranton</i> | | DATE: 7/11/23 | |
| | | | PHONE #: (503) 826-2755 | | CERT#: 074036FE | |

*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 Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP-: Bull Run
 Disinfection Giaddia Log Inactiv: 3

System Name: City of Sandy ID#: 4100789 C Month/Year: Jun / 2023

| 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 | 2.30 | 44.50 | 102.34 | 112.99 | 6.54 | 2.33 | 66.67 | 155.33 | 113.37 | 10.15 | 226.36 | Yes | 2.28 |
| 2 | 6.62 | 2.29 | 44.54 | 101.99 | 113.06 | 6.62 | 2.31 | 66.67 | 154.00 | 113.31 | 10.55 | 226.37 | Yes | 2.26 |
| 3 | 6.62 | 2.30 | 44.58 | 102.52 | 112.67 | 6.62 | 2.34 | 66.87 | 156.48 | 113.17 | 10.62 | 225.84 | Yes | 2.29 |
| 4 | 6.66 | 2.32 | 43.25 | 100.34 | 114.94 | 6.66 | 2.36 | 64.77 | 152.85 | 115.45 | 10.56 | 230.39 | Yes | 2.20 |
| 5 | 6.66 | 2.32 | 43.20 | 100.24 | 112.22 | 6.66 | 2.35 | 64.62 | 151.86 | 112.59 | 10.93 | 224.81 | Yes | 2.24 |
| 6 | 6.65 | 2.34 | 43.32 | 101.36 | 111.72 | 6.65 | 2.37 | 64.86 | 153.72 | 112.09 | 10.98 | 223.80 | Yes | 2.28 |
| 7 | 6.66 | 2.32 | 41.02 | 95.16 | 110.06 | 6.66 | 2.36 | 61.43 | 144.98 | 110.55 | 11.23 | 220.61 | Yes | 2.18 |
| 8 | 6.64 | 2.45 | 61.97 | 151.83 | 112.77 | 6.64 | 2.37 | 94.38 | 223.68 | 111.77 | 10.97 | 224.54 | Yes | 3.35 |
| 9 | 6.65 | 2.41 | 61.95 | 149.31 | 109.29 | 6.65 | 2.35 | 94.51 | 222.10 | 108.57 | 11.44 | 217.85 | Yes | 3.41 |
| 10 | 6.67 | 2.26 | 75.51 | 170.64 | 109.00 | 6.67 | 2.27 | 113.88 | 258.50 | 109.12 | 11.33 | 218.13 | Yes | 3.93 |
| 11 | 6.66 | 2.29 | 78.16 | 178.98 | 108.85 | 6.66 | 2.31 | 117.74 | 271.97 | 109.09 | 11.35 | 217.94 | Yes | 4.14 |
| 12 | 6.65 | 2.44 | 65.51 | 159.85 | 109.30 | 6.65 | 2.37 | 100.64 | 238.52 | 108.46 | 11.49 | 217.75 | Yes | 3.66 |
| 13 | 6.61 | 2.68 | 63.37 | 169.82 | 110.27 | 6.61 | 2.53 | 97.03 | 245.48 | 108.46 | 11.55 | 218.74 | Yes | 3.80 |
| 14 | 6.61 | 2.71 | 65.57 | 177.70 | 109.15 | 6.61 | 2.66 | 100.34 | 266.90 | 108.55 | 11.76 | 217.70 | Yes | 4.09 |
| 15 | 6.62 | 2.62 | 63.86 | 167.31 | 107.89 | 6.62 | 2.55 | 97.59 | 248.86 | 107.06 | 11.84 | 214.94 | Yes | 3.88 |
| 16 | 6.63 | 2.54 | 68.98 | 175.22 | 106.00 | 6.63 | 2.57 | 103.98 | 267.23 | 106.35 | 12.03 | 212.36 | Yes | 4.17 |
| 17 | 6.63 | 2.57 | 70.41 | 180.96 | 105.33 | 6.63 | 2.60 | 106.14 | 275.97 | 105.68 | 12.18 | 211.02 | Yes | 4.33 |
| 18 | 6.63 | 2.54 | 68.45 | 173.87 | 106.34 | 6.63 | 2.57 | 103.04 | 264.80 | 106.70 | 11.98 | 213.04 | Yes | 4.12 |
| 19 | 6.62 | 2.61 | 75.81 | 197.87 | 106.87 | 6.62 | 2.61 | 114.28 | 298.28 | 106.87 | 11.97 | 213.74 | Yes | 4.64 |
| 20 | 6.62 | 2.58 | 75.75 | 195.44 | 105.09 | 6.62 | 2.58 | 114.12 | 294.42 | 105.09 | 12.18 | 210.18 | Yes | 4.66 |
| 21 | 6.63 | 2.64 | 86.16 | 227.46 | 106.08 | 6.63 | 2.56 | 129.87 | 332.48 | 105.15 | 12.19 | 211.23 | Yes | 5.31 |
| 22 | 6.65 | 2.67 | 67.83 | 181.10 | 105.18 | 6.65 | 2.60 | 103.72 | 269.68 | 104.38 | 12.48 | 209.56 | Yes | 4.31 |
| 23 | 6.62 | 2.66 | 66.81 | 177.72 | 104.13 | 6.62 | 2.60 | 102.11 | 265.49 | 103.45 | 12.46 | 207.58 | Yes | 4.27 |
| 24 | 6.63 | 2.64 | 63.08 | 166.53 | 99.41 | 6.63 | 2.57 | 96.47 | 247.93 | 98.62 | 12.81 | 198.03 | Yes | 4.19 |
| 25 | 6.63 | 2.69 | 62.99 | 169.44 | 98.78 | 6.63 | 2.56 | 96.25 | 246.40 | 97.33 | 12.99 | 196.11 | Yes | 4.25 |
| 26 | 6.65 | 2.55 | 66.36 | 169.22 | 97.88 | 6.64 | 2.64 | 97.74 | 258.02 | 98.52 | 13.00 | 196.40 | Yes | 4.35 |
| 27 | 6.66 | 2.54 | 64.30 | 163.32 | 97.28 | 6.66 | 2.55 | 98.05 | 250.03 | 97.39 | 13.13 | 194.68 | Yes | 4.25 |
| 28 | 6.66 | 2.55 | 64.17 | 163.64 | 96.36 | 6.66 | 2.57 | 98.11 | 252.14 | 96.58 | 13.29 | 192.94 | Yes | 4.31 |
| 29 | 6.65 | 2.56 | 64.24 | 164.47 | 95.28 | 6.65 | 2.55 | 98.25 | 250.54 | 95.18 | 13.42 | 190.46 | Yes | 4.36 |
| 30 | 6.63 | 2.60 | 65.42 | 170.08 | 94.45 | 6.63 | 2.59 | 100.10 | 259.26 | 94.34 | 13.51 | 188.78 | Yes | 4.55 |

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