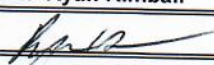


OHA - Drinking Water Services - Surface Water Quality Data Form
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : Lane
 Month/Year : APR / 2023
 WTP - : WTP - B

System Name: Cottage Grove, City of ID # : 4100236

| Date | 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 | OFF | OFF | 0.015 | 0.015 | 0.016 | OFF | 0.018 |
| 2 | OFF | OFF | 0.018 | 0.015 | 0.014 | OFF | 0.018 |
| 3 | OFF | OFF | 0.015 | 0.014 | 0.016 | OFF | 0.016 |
| 4 | OFF | OFF | 0.013 | 0.014 | 0.015 | OFF | 0.016 |
| 5 | OFF | OFF | 0.016 | 0.014 | 0.016 | OFF | 0.018 |
| 6 | OFF | OFF | 0.015 | 0.016 | 0.015 | OFF | 0.016 |
| 7 | OFF | OFF | 0.019 | 0.014 | 0.014 | OFF | 0.019 |
| 8 | OFF | OFF | 0.015 | 0.013 | 0.014 | OFF | 0.015 |
| 9 | OFF | OFF | 0.013 | 0.014 | 0.015 | OFF | 0.018 |
| 10 | OFF | OFF | 0.015 | 0.014 | 0.015 | OFF | 0.015 |
| 11 | OFF | OFF | 0.014 | 0.014 | 0.014 | OFF | 0.016 |
| 12 | OFF | OFF | 0.015 | 0.017 | 0.016 | OFF | 0.023 |
| 13 | OFF | OFF | 0.014 | 0.015 | 0.015 | OFF | 0.023 |
| 14 | OFF | OFF | 0.015 | 0.014 | 0.017 | OFF | 0.017 |
| 15 | OFF | OFF | 0.015 | 0.015 | 0.015 | OFF | 0.020 |
| 16 | OFF | OFF | 0.021 | 0.014 | 0.013 | OFF | 0.021 |
| 17 | OFF | OFF | 0.015 | 0.014 | 0.014 | OFF | 0.025 |
| 18 | OFF | OFF | 0.015 | 0.014 | 0.014 | OFF | 0.015 |
| 19 | OFF | OFF | 0.016 | 0.014 | 0.014 | OFF | 0.016 |
| 20 | OFF | OFF | 0.014 | 0.014 | 0.015 | OFF | 0.017 |
| 21 | OFF | OFF | 0.017 | 0.014 | 0.014 | OFF | 0.017 |
| 22 | OFF | OFF | 0.020 | 0.018 | 0.015 | OFF | 0.023 |
| 23 | OFF | OFF | 0.019 | 0.017 | 0.014 | 0.007 | 0.019 |
| 24 | OFF | OFF | 0.014 | 0.015 | 0.015 | OFF | 0.016 |
| 25 | OFF | OFF | 0.014 | 0.014 | 0.015 | OFF | 0.020 |
| 26 | OFF | OFF | 0.014 | 0.016 | 0.014 | OFF | 0.021 |
| 27 | OFF | OFF | 0.014 | 0.016 | 0.015 | 0.015 | 0.021 |
| 28 | OFF | OFF | 0.015 | 0.016 | 0.016 | 0.017 | 0.018 |
| 29 | OFF | OFF | 0.014 | 0.015 | 0.015 | 0.014 | 0.021 |
| 30 | OFF | OFF | 0.015 | 0.014 | 0.014 | OFF | 0.023 |

| | |
|---|--|
| Slow Sand / <u>Membrane</u> / DE Filtration / Unfiltered 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="radio"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No Notes: 94/94=100% | Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No |
| PRINTED NAME: Ryan Kimball SIGNATURE:  PHONE #: (541) 942 - 3349 DATE: May 1, 2023 T-882889 | |

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 Services - Surface Water Quality Data Form

| | | | | | | | |
|-------------------------------------|--|--|--|----------------|------------------------|---|----------------|
| System Name: Cottage Grove, City of | | | | ID # : 4100236 | Month/Year: APR / 2023 | WTP - : Disinfection <i>Giardia</i> Log Inactivation: | WTP - B 0.5 |
|-------------------------------------|--|--|--|----------------|------------------------|---|----------------|

| Date | Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly ⁴ Demand Flow (Maximum Allowable Equals 3850 GPM) |
|------|------|---|------------------|-----------|-------|---------|-------------|----------------------|--|
| | | [ppm or mg/L] | [minutes] | C X T | [° C] | formula | Yes / No | [GPM] | |
| 1 | 1100 | 0.77 | 140 | 108 | 8.2 | 7.92 | 29 | Yes | 976 |
| 2 | 1100 | 0.78 | 140 | 109 | 8.4 | 7.92 | 29 | Yes | 948 |
| 3 | 1100 | 0.78 | 140 | 109 | 8.3 | 7.88 | 29 | Yes | 879 |
| 4 | 0700 | 0.78 | 140 | 109 | 8.3 | 7.86 | 28 | Yes | 829 |
| 5 | 0700 | 0.76 | 140 | 106 | 8.4 | 7.82 | 28 | Yes | 871 |
| 6 | 1100 | 0.78 | 140 | 109 | 8.6 | 7.80 | 27 | Yes | 889 |
| 7 | 0700 | 0.78 | 140 | 109 | 8.8 | 7.79 | 27 | Yes | 865 |
| 8 | 1100 | 0.77 | 140 | 108 | 8.8 | 7.78 | 27 | Yes | 965 |
| 9 | 1100 | 0.76 | 140 | 106 | 9.1 | 7.78 | 26 | Yes | 957 |
| 10 | 1800 | 0.81 | 140 | 113 | 9.1 | 7.77 | 26 | Yes | 863 |
| 11 | 0700 | 0.79 | 140 | 111 | 9.0 | 7.76 | 26 | Yes | 883 |
| 12 | 0700 | 0.79 | 140 | 111 | 9.1 | 7.73 | 26 | Yes | 846 |
| 13 | 1100 | 0.80 | 140 | 112 | 9.1 | 7.75 | 26 | Yes | 886 |
| 14 | 0700 | 0.79 | 140 | 111 | 9.3 | 7.75 | 26 | Yes | 854 |
| 15 | 1100 | 0.79 | 140 | 111 | 9.3 | 7.75 | 26 | Yes | 950 |
| 16 | 0700 | 0.78 | 140 | 109 | 9.6 | 7.73 | 25 | Yes | 1205 |
| 17 | 1100 | 0.78 | 140 | 109 | 9.7 | 7.65 | 24 | Yes | 1136 |
| 18 | 0700 | 0.78 | 140 | 109 | 9.2 | 7.73 | 26 | Yes | 822 |
| 19 | 0700 | 0.76 | 140 | 106 | 9.0 | 7.72 | 26 | Yes | 853 |
| 20 | 1100 | 0.78 | 140 | 109 | 9.2 | 7.69 | 25 | Yes | 968 |
| 21 | 0700 | 0.76 | 140 | 106 | 9.3 | 7.67 | 25 | Yes | 859 |
| 22 | 1100 | 0.83 | 140 | 116 | 9.5 | 7.75 | 26 | Yes | 967 |
| 23 | 1100 | 0.82 | 140 | 115 | 10.0 | 7.82 | 25 | Yes | 985 |
| 24 | 0700 | 0.80 | 140 | 112 | 10.0 | 7.85 | 26 | Yes | 858 |
| 25 | 0700 | 0.76 | 140 | 106 | 10.0 | 7.86 | 25 | Yes | 879 |
| 26 | 1100 | 0.77 | 140 | 108 | 10.2 | 7.91 | 26 | Yes | 907 |
| 27 | 1100 | 0.76 | 140 | 106 | 10.2 | 7.97 | 26 | Yes | 1064 |
| 28 | 0700 | 0.75 | 140 | 105 | 10.2 | 8.01 | 26 | Yes | 1012 |
| 29 | 0800 | 0.74 | 140 | 104 | 10.5 | 7.95 | 25 | Yes | 1173 |
| 30 | 1100 | 0.73 | 140 | 102 | 10.6 | 8.04 | 26 | Yes | 1104 |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWS to be notified by end of next business day. "CUSTOM FORM REV OCTOBER 2017"

⁴ If the Peak Hourly Demand Flow exceeds the Maximum Allowable GPM approved value a new Tracer Study is required to be completed.

NOTES: An OHA / DWS Circuit Rider Program approved Tracer Study was completed August 3, 2017 by HECO Engineering.

A Maximum Allowable Peak Hourly Demand Flow of 3500 GPM x 110% = 3850 GPM was approved as a result of the Tracer Study.