

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

County : **Lane**
 Month/Year : **MAY / 2021**

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

WTP- : **WTP - B**

| 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 | 0.017 | 0.014 | 0.015 | OFF | 0.017 |
| 2 | OFF | OFF | 0.012 | 0.015 | 0.014 | 0.014 | 0.015 |
| 3 | OFF | OFF | 0.017 | 0.012 | 0.013 | OFF | 0.017 |
| 4 | OFF | OFF | 0.017 | 0.014 | 0.015 | OFF | 0.017 |
| 5 | OFF | OFF | 0.013 | 0.013 | 0.013 | 0.014 | 0.019 |
| 6 | OFF | OFF | 0.014 | 0.016 | 0.015 | OFF | 0.016 |
| 7 | OFF | OFF | 0.014 | 0.015 | 0.015 | 0.015 | 0.017 |
| 8 | OFF | OFF | 0.016 | 0.014 | 0.015 | 0.016 | 0.017 |
| 9 | OFF | OFF | 0.018 | 0.014 | 0.015 | OFF | 0.018 |
| 10 | OFF | OFF | 0.016 | 0.016 | 0.015 | 0.015 | 0.016 |
| 11 | OFF | OFF | 0.016 | 0.015 | 0.015 | 0.015 | 0.016 |
| 12 | OFF | OFF | 0.015 | 0.015 | 0.016 | 0.016 | 0.016 |
| 13 | OFF | OFF | 0.015 | 0.014 | 0.015 | 0.015 | 0.018 |
| 14 | OFF | OFF | 0.020 | 0.015 | 0.015 | 0.015 | 0.020 |
| 15 | OFF | OFF | 0.016 | 0.016 | 0.016 | 0.015 | 0.017 |
| 16 | OFF | OFF | 0.015 | 0.014 | 0.014 | 0.014 | 0.017 |
| 17 | OFF | OFF | 0.015 | 0.014 | 0.014 | OFF | 0.016 |
| 18 | OFF | OFF | 0.017 | 0.013 | 0.013 | OFF | 0.017 |
| 19 | OFF | OFF | 0.014 | 0.014 | 0.014 | 0.014 | 0.015 |
| 20 | OFF | OFF | 0.015 | 0.014 | 0.015 | 0.014 | 0.016 |
| 21 | OFF | OFF | 0.014 | 0.015 | 0.014 | 0.014 | 0.016 |
| 22 | OFF | OFF | 0.014 | 0.013 | 0.014 | 0.014 | 0.015 |
| 23 | OFF | OFF | 0.014 | 0.014 | 0.014 | 0.016 | 0.017 |
| 24 | OFF | OFF | 0.014 | 0.014 | 0.015 | 0.015 | 0.015 |
| 25 | OFF | OFF | 0.013 | 0.014 | 0.014 | 0.014 | 0.018 |
| 26 | OFF | OFF | 0.017 | 0.015 | 0.016 | 0.016 | 0.017 |
| 27 | OFF | OFF | 0.016 | 0.017 | 0.018 | 0.017 | 0.017 |
| 28 | OFF | OFF | 0.017 | 0.017 | 0.016 | 0.016 | 0.017 |
| 29 | OFF | OFF | 0.014 | 0.016 | 0.014 | 0.014 | 0.022 |
| 30 | OFF | OFF | 0.016 | 0.015 | 0.016 | 0.016 | 0.020 |
| 31 | OFF | OFF | 0.012 | 0.015 | 0.015 | 0.016 | 0.019 |

Slow Sand / Membrane / DE Filtration / Unfiltered

95% of daily turbidity readings ≤ 1 NTU? ² Yes / No

All daily turbidity readings ≤ 5 NTU? Yes / No

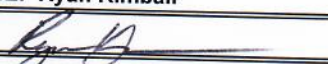
Monthly Summary (Answer Yes or No)

CT's met everyday? (see back) Yes / No

All Cl2 residual at entry point ≥ 0.2 mg/l? Yes / No

Notes: 117/117= 100%

PRINTED NAME: **Ryan Kimball**

SIGNATURE: 

DATE: **June 1, 2021**

PHONE #: **(541) 942 - 3349**

CERT #: **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: MAY / 2018

WTP - : WTP - B
 Disinfection *Giardia*
 Log Inactivation: 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 | 1200 | 0.75 | 140 | 105 | 13.9 | 8.05 | 21 | Yes | 939 |
| 2 | 1000 | 0.77 | 140 | 108 | 13.8 | 8.03 | 21 | Yes | 1012 |
| 3 | 0600 | 0.75 | 140 | 105 | 13.8 | 8.03 | 21 | Yes | 1203 |
| 4 | 0600 | 0.75 | 140 | 105 | 14.0 | 8.03 | 21 | Yes | 1121 |
| 5 | 0600 | 0.74 | 140 | 104 | 14.2 | 8.04 | 21 | Yes | 1418 |
| 6 | 0900 | 0.75 | 140 | 105 | 14.4 | 8.06 | 20 | Yes | 1233 |
| 7 | 0600 | 0.76 | 140 | 106 | 14.1 | 8.06 | 21 | Yes | 1208 |
| 8 | 1000 | 0.75 | 140 | 105 | 13.9 | 8.07 | 21 | Yes | 1004 |
| 9 | 1200 | 0.71 | 140 | 99 | 13.9 | 8.08 | 21 | Yes | 1090 |
| 10 | 0600 | 0.78 | 140 | 109 | 13.9 | 8.08 | 21 | Yes | 1311 |
| 11 | 0600 | 0.84 | 140 | 118 | 14.1 | 8.07 | 21 | Yes | 1401 |
| 12 | 1900 | 0.81 | 140 | 113 | 14.3 | 8.07 | 21 | Yes | 1534 |
| 13 | 0800 | 0.78 | 140 | 109 | 14.7 | 8.05 | 20 | Yes | 1686 |
| 14 | 0600 | 0.74 | 140 | 104 | 14.9 | 8.05 | 20 | Yes | 1583 |
| 15 | 1000 | 0.73 | 140 | 102 | 15.1 | 8.06 | 19 | Yes | 1519 |
| 16 | 2000 | 0.73 | 140 | 102 | 15.3 | 8.05 | 19 | Yes | 1716 |
| 17 | 0600 | 0.74 | 140 | 104 | 15.5 | 8.04 | 19 | Yes | 1690 |
| 18 | 0600 | 0.74 | 140 | 104 | 15.4 | 8.02 | 19 | Yes | 1333 |
| 19 | 0600 | 0.74 | 140 | 104 | 15.0 | 8.02 | 19 | Yes | 1495 |
| 20 | 0900 | 0.76 | 140 | 106 | 14.7 | 7.99 | 20 | Yes | 1489 |
| 21 | 0600 | 0.76 | 140 | 106 | 14.5 | 8.01 | 20 | Yes | 1120 |
| 22 | 0900 | 0.76 | 140 | 106 | 14.3 | 8.01 | 20 | Yes | 1062 |
| 23 | 0900 | 0.73 | 140 | 102 | 14.4 | 8.03 | 20 | Yes | 1264 |
| 24 | 0600 | 0.75 | 140 | 105 | 14.7 | 8.04 | 20 | Yes | 1327 |
| 25 | 0600 | 0.74 | 140 | 104 | 14.7 | 8.04 | 20 | Yes | 1206 |
| 26 | 0600 | 0.73 | 140 | 102 | 14.7 | 8.04 | 20 | Yes | 1174 |
| 27 | 0900 | 0.73 | 140 | 102 | 15.0 | 8.05 | 19 | Yes | 1208 |
| 28 | 0600 | 0.73 | 140 | 102 | 14.9 | 8.05 | 20 | Yes | 1258 |
| 29 | 0900 | 0.74 | 140 | 104 | 15.1 | 8.00 | 19 | Yes | 1576 |
| 30 | 0900 | 0.75 | 140 | 105 | 15.7 | 7.90 | 18 | Yes | 1525 |
| 31 | 2000 | 0.78 | 140 | 109 | 16.0 | 7.83 | 17 | Yes | 1876 |

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.