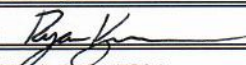


OHA - Drinking Water Services - Surface Water Quality Data Form  
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County : **Lane**  
 Month/Year : **APR / 2021**  
 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 <sup>1</sup> [NTU] |
|------|-------------|------------|------------|------------|------------|------------|---|
| 1    | OFF         | OFF        | 0.016      | 0.015      | 0.017      | OFF        | 0.018   |
| 2    | OFF         | OFF        | 0.015      | 0.015      | 0.017      | OFF        | 0.018   |
| 3    | OFF         | OFF        | 0.013      | 0.017      | 0.020      | OFF        | 0.020   |
| 4    | OFF         | OFF        | 0.017      | 0.021      | 0.017      | 0.017      | 0.021   |
| 5    | OFF         | OFF        | 0.016      | 0.016      | 0.017      | OFF        | 0.017   |
| 6    | OFF         | OFF        | 0.015      | 0.014      | 0.018      | OFF        | 0.018   |
| 7    | OFF         | OFF        | 0.018      | 0.015      | 0.017      | 0.017      | 0.018   |
| 8    | OFF         | OFF        | 0.018      | 0.017      | 0.016      | 0.014      | 0.018   |
| 9    | OFF         | OFF        | 0.014      | 0.020      | 0.014      | OFF        | 0.020   |
| 10   | OFF         | OFF        | 0.014      | 0.014      | 0.017      | OFF        | 0.023   |
| 11   | OFF         | OFF        | 0.014      | 0.018      | 0.014      | 0.014      | 0.018   |
| 12   | OFF         | OFF        | 0.014      | 0.014      | 0.014      | 0.014      | 0.014   |
| 13   | OFF         | OFF        | 0.014      | 0.014      | 0.014      | 0.014      | 0.015   |
| 14   | OFF         | OFF        | 0.016      | 0.013      | 0.015      | OFF        | 0.016   |
| 15   | OFF         | OFF        | 0.015      | 0.015      | 0.015      | 0.014      | 0.019   |
| 16   | OFF         | OFF        | 0.015      | 0.015      | 0.015      | 0.015      | 0.016   |
| 17   | OFF         | OFF        | 0.016      | 0.015      | 0.015      | 0.014      | 0.029   |
| 18   | OFF         | OFF        | 0.013      | 0.014      | 0.014      | 0.013      | 0.015   |
| 19   | OFF         | OFF        | 0.013      | 0.013      | 0.014      | OFF        | 0.022   |
| 20   | OFF         | OFF        | 0.013      | 0.014      | 0.014      | 0.014      | 0.015   |
| 21   | OFF         | OFF        | 0.013      | 0.013      | 0.014      | OFF        | 0.016   |
| 22   | OFF         | OFF        | 0.014      | 0.019      | 0.017      | 0.014      | 0.022   |
| 23   | OFF         | OFF        | 0.016      | 0.017      | 0.015      | 0.015      | 0.017   |
| 24   | OFF         | OFF        | 0.016      | 0.016      | 0.015      | OFF        | 0.017   |
| 25   | OFF         | OFF        | 0.014      | 0.015      | 0.013      | OFF        | 0.017   |
| 26   | OFF         | OFF        | 0.015      | 0.014      | 0.014      | 0.014      | 0.015   |
| 27   | OFF         | OFF        | 0.015      | 0.013      | 0.014      | 0.014      | 0.015   |
| 28   | OFF         | OFF        | 0.013      | 0.013      | 0.013      | OFF        | 0.017   |
| 29   | OFF         | OFF        | 0.019      | 0.014      | 0.014      | OFF        | 0.019   |
| 30   | OFF         | OFF        | 0.015      | 0.013      | 0.014      | OFF        | 0.015   |

|  |   |  |   |
|--|---|--|---|
| <b>Slow Sand (Membrane) DE Filtration / Unfiltered</b> |   | <b>Monthly Summary (Answer Yes or No)</b>  |   |
| 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup>  | <input checked="" type="radio"/> Yes / <input type="radio"/> No | CT's met everyday? (see back)  | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?         |
| All daily turbidity readings ≤ 5 NTU?                  | <input checked="" type="radio"/> Yes / <input type="radio"/> No | <input checked="" type="radio"/> Yes / <input type="radio"/> No  | <input checked="" type="radio"/> Yes / <input type="radio"/> No |
| <b>Notes: 105/105=100%</b>                             |   | <b>PRINTED NAME: Ryan Kimball</b>  |   |
|  |   | <b>SIGNATURE:</b>  | <b>DATE: May 1, 2018</b>  |
|  |   | <b>PHONE #: ( 541 ) 942 - 7094</b>   | <b>CERT #: T-882889</b>   |

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : WTP - B

Disinfection *Giardia*

Log Inactivation:

0.5

System Name: Cottage Grove, City of ID #: 4100236 Month/Year: APR / 2018

| Date | Time | Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> | Contact Time (T) | Actual CT | Temp  | pH      | Required CT | CT Met? <sup>3</sup> | Peak Hourly <sup>4</sup> Demand Flow (Maximum Allowable Equals 3850 GPM) |
|------|------|---|------------------|-----------|-------|---------|-------------|----------------------|--|
|      |      | [ppm or mg/L]   | [minutes]        | C X T     | [° C] | formula | Yes / No    | [GPM]                |  |
| 1    | 1200 | 0.62  | 140              | 87        | 10.4  | 8.13    | 27          | Yes                  | 1027   |
| 2    | 1100 | 0.64  | 140              | 90        | 10.7  | 8.15    | 27          | Yes                  | 1016   |
| 3    | 0900 | 0.63  | 140              | 88        | 10.8  | 8.16    | 26          | Yes                  | 1053   |
| 4    | 1200 | 0.71  | 140              | 99        | 11.0  | 8.15    | 26          | Yes                  | 1045   |
| 5    | 1000 | 0.71  | 140              | 99        | 10.9  | 8.14    | 26          | Yes                  | 1002   |
| 6    | 1800 | 0.70  | 140              | 98        | 11.5  | 8.14    | 25          | Yes                  | 958  |
| 7    | 1200 | 0.70  | 140              | 98        | 11.1  | 8.12    | 26          | Yes                  | 923  |
| 8    | 0900 | 0.69  | 140              | 97        | 11.0  | 8.11    | 26          | Yes                  | 1224   |
| 9    | 1200 | 0.70  | 140              | 98        | 10.9  | 8.11    | 26          | Yes                  | 997  |
| 10   | 0900 | 0.68  | 140              | 95        | 11.1  | 8.11    | 26          | Yes                  | 1087   |
| 11   | 1200 | 0.76  | 140              | 106       | 10.8  | 8.09    | 26          | Yes                  | 1078   |
| 12   | 1700 | 0.72  | 140              | 101       | 11.0  | 8.10    | 26          | Yes                  | 980  |
| 13   | 1000 | 0.73  | 140              | 102       | 11.2  | 8.11    | 25          | Yes                  | 1096   |
| 14   | 1200 | 0.71  | 140              | 99        | 11.4  | 8.12    | 25          | Yes                  | 1080   |
| 15   | 0900 | 0.70  | 140              | 98        | 11.7  | 8.12    | 25          | Yes                  | 1341   |
| 16   | 1200 | 0.69  | 140              | 97        | 12.1  | 8.11    | 24          | Yes                  | 1191   |
| 17   | 0900 | 0.68  | 140              | 95        | 12.5  | 8.06    | 23          | Yes                  | 1411   |
| 18   | 1800 | 0.75  | 140              | 105       | 12.9  | 8.07    | 23          | Yes                  | 1441   |
| 19   | 0700 | 0.72  | 140              | 101       | 13.2  | 8.13    | 23          | Yes                  | 1216   |
| 20   | 1800 | 0.69  | 140              | 97        | 13.3  | 8.16    | 23          | Yes                  | 1241   |
| 21   | 1000 | 0.69  | 140              | 97        | 13.3  | 8.19    | 23          | Yes                  | 1297   |
| 22   | 0800 | 0.68  | 140              | 95        | 13.2  | 8.19    | 23          | Yes                  | 1418   |
| 23   | 0600 | 0.68  | 140              | 95        | 13.3  | 8.15    | 23          | Yes                  | 1133   |
| 24   | 1100 | 0.72  | 140              | 101       | 13.1  | 8.14    | 23          | Yes                  | 996  |
| 25   | 1300 | 0.74  | 140              | 104       | 12.8  | 8.13    | 23          | Yes                  | 1020   |
| 26   | 1300 | 0.74  | 140              | 104       | 12.8  | 8.13    | 23          | Yes                  | 1020   |
| 27   | 1900 | 0.79  | 140              | 111       | 12.6  | 8.08    | 23          | Yes                  | 1140   |
| 28   | 0800 | 0.78  | 140              | 109       | 12.9  | 8.07    | 23          | Yes                  | 1269   |
| 29   | 0900 | 0.78  | 140              | 109       | 13.3  | 8.07    | 22          | Yes                  | 1614   |
| 30   | 0600 | 0.78  | 140              | 109       | 13.5  | 8.06    | 22          | Yes                  | 1274   |

<sup>3</sup> If Cl<sub>2</sub> 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"

<sup>4</sup> 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.