

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Clackamas

Conventional or Direct Filtration

System Name: LAKE OSWEGO - TIGARD WATER SUPPLY ID#: OR4101542 WTP: A Date: June/2024

| DAY        | 12 AM NTU     | 4 AM NTU      | 8 AM NTU | Noon NTU | 4 PM NTU | 8 PM NTU | Max CFE Turbidity NTU |
|------------|---------------|---------------|----------|----------|----------|----------|-----------------------|
| 06/01/2024 | Plant Offline | Plant Offline | 0.019    | 0.019    | 0.019    | 0.019    | 0.030                 |
| 06/02/2024 | Plant Offline | Plant Offline | 0.021    | 0.019    | 0.019    | 0.020    | 0.036                 |
| 06/03/2024 | Plant Offline | Plant Offline | 0.019    | 0.020    | 0.020    | 0.022    | 0.037                 |
| 06/04/2024 | Plant Offline | Plant Offline | 0.023    | 0.021    | 0.021    | 0.030    | 0.032                 |
| 06/05/2024 | Plant Offline | Plant Offline | 0.030    | 0.026    | 0.023    | 0.026    | 0.037                 |
| 06/06/2024 | Plant Offline | Plant Offline | 0.023    | 0.020    | 0.019    | 0.019    | 0.033                 |
| 06/07/2024 | Plant Offline | Plant Offline | 0.020    | 0.019    | 0.020    | 0.019    | 0.034                 |
| 06/08/2024 | Plant Offline | Plant Offline | 0.019    | 0.021    | 0.020    | 0.020    | 0.032                 |
| 06/09/2024 | Plant Offline | Plant Offline | 0.020    | 0.020    | 0.019    | 0.020    | 0.027                 |
| 06/10/2024 | Plant Offline | Plant Offline | 0.020    | 0.020    | 0.021    | 0.021    | 0.035                 |
| 06/11/2024 | Plant Offline | Plant Offline | 0.021    | 0.019    | 0.020    | 0.021    | 0.035                 |
| 06/12/2024 | 0.024         | 0.021         | 0.022    | 0.020    | 0.021    | 0.020    | 0.033                 |
| 06/13/2024 | 0.023         | 0.021         | 0.020    | 0.019    | 0.020    | 0.021    | 0.035                 |
| 06/14/2024 | 0.026         | 0.022         | 0.020    | 0.020    | 0.020    | 0.021    | 0.035                 |
| 06/15/2024 | 0.023         | 0.021         | 0.020    | 0.020    | 0.020    | 0.023    | 0.033                 |
| 06/16/2024 | 0.021         | 0.020         | 0.021    | 0.020    | 0.024    | 0.021    | 0.036                 |
| 06/17/2024 | 0.020         | 0.019         | 0.021    | 0.020    | 0.022    | 0.022    | 0.038                 |
| 06/18/2024 | 0.022         | 0.020         | 0.020    | 0.019    | 0.022    | 0.020    | 0.032                 |
| 06/19/2024 | 0.020         | 0.020         | 0.019    | 0.020    | 0.020    | 0.023    | 0.036                 |
| 06/20/2024 | 0.021         | 0.020         | 0.020    | 0.020    | 0.020    | 0.023    | 0.033                 |
| 06/21/2024 | 0.021         | 0.020         | 0.020    | 0.019    | 0.019    | 0.020    | 0.032                 |
| 06/22/2024 | 0.021         | 0.020         | 0.020    | 0.022    | 0.020    | 0.020    | 0.032                 |
| 06/23/2024 | 0.020         | 0.020         | 0.019    | 0.019    | 0.017    | 0.020    | 0.033                 |
| 06/24/2024 | 0.020         | 0.020         | 0.022    | 0.020    | 0.020    | 0.022    | 0.034                 |
| 06/25/2024 | 0.021         | 0.020         | 0.020    | 0.020    | 0.020    | 0.020    | 0.032                 |
| 06/26/2024 | 0.021         | 0.020         | 0.020    | 0.020    | 0.020    | 0.020    | 0.071                 |
| 06/27/2024 | 0.020         | 0.020         | 0.020    | 0.020    | 0.020    | 0.020    | 0.030                 |
| 06/28/2024 | 0.021         | 0.020         | 0.019    | 0.020    | 0.020    | 0.023    | 0.033                 |
| 06/29/2024 | 0.020         | 0.020         | 0.019    | 0.020    | 0.019    | 0.020    | 0.031                 |
| 06/30/2024 | 0.021         | 0.020         | 0.025    | 0.019    | 0.020    | 0.020    | 0.035                 |
|            | 0.025         | 0.020         | 0.023    | 0.019    | 0.019    | 0.019    |                       |

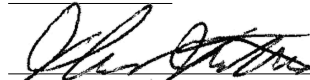
Conventional or Direct Filtration

95% of the 4-hour turbidity readings <=0.3 NTU?  Yes/ No  
 All the 4-hour turbidity readings < 1 NTU?  Yes/ No  
 All Turbidity readings < IFE triggers?  Yes/ No

Monthly Summary (answer Yes or No)

CT's met everyday? (see page 2)  Yes/ No  
 All Cl2 residuals at POE always > 0.2?  Yes/ No

Print Name Dave Trotter 03-Jul-24

Signature 


Phone (503) 635-0394 Cert # 058778

**OHA - Drinking Water Program - Surface Water Quality Data Form - Giardia Inactivation**

|                                   |             |             |              |
|-----------------------------------|-------------|-------------|--------------|
| <b>System Name:</b>               | <b>ID#:</b> | <b>WTP:</b> | <b>Date:</b> |
| Lake Oswego - Tigard Water Supply | 4101542     | EP-A        | June 2024    |

| Date | Min. Cl Residual @ 1st user (C) | Contact Time (T) | Actual CT | Temp | pH   | Required CT | CT Met? | Peak Hourly Flow |
|------|---------------------------------|------------------|-----------|------|------|-------------|---------|------------------|
|      | mg/L                            | minutes          | C x T     | °C   | FW   | formula     | Yes/No  | (GPM)            |
| 6/1  | 1.25                            | 66.37            | 82.96     | 16.4 | 8.10 | 18.2        | Y       | 13,809           |
| 6/2  | 1.27                            | 56.91            | 72.28     | 14.0 | 8.07 | 21.3        | Y       | 16,105           |
| 6/3  | 1.28                            | 70.65            | 90.43     | 13.9 | 8.00 | 21.0        | Y       | 12,972           |
| 6/4  | 1.27                            | 69.68            | 88.49     | 12.9 | 8.17 | 24.2        | Y       | 13,152           |
| 6/5  | 1.28                            | 56.77            | 72.67     | 12.7 | 8.04 | 23.5        | Y       | 16,142           |
| 6/6  | 1.27                            | 67.52            | 85.75     | 14.8 | 8.08 | 20.8        | Y       | 16,346           |
| 6/7  | 1.29                            | 52.00            | 67.08     | 13.8 | 7.98 | 21.0        | Y       | 17,625           |
| 6/8  | 1.32                            | 45.74            | 60.38     | 15.1 | 8.23 | 20.6        | Y       | 20,038           |
| 6/9  | 1.30                            | 53.00            | 68.90     | 16.1 | 8.05 | 18.2        | Y       | 17,293           |
| 6/10 | 1.29                            | 53.38            | 68.86     | 15.7 | 7.80 | 17.0        | Y       | 17,168           |
| 6/11 | 1.25                            | 67.31            | 84.14     | 17.0 | 8.09 | 15.3        | Y       | 14,435           |
| 6/12 | 1.30                            | 54.92            | 71.40     | 16.4 | 7.98 | 17.5        | Y       | 16,686           |
| 6/13 | 1.27                            | 74.44            | 94.54     | 16.2 | 7.98 | 17.7        | Y       | 12,311           |
| 6/14 | 1.29                            | 66.62            | 85.94     | 16.8 | 7.80 | 16.0        | Y       | 13,757           |
| 6/15 | 1.26                            | 79.80            | 100.55    | 16.8 | 7.84 | 16.2        | Y       | 11,485           |
| 6/16 | 1.25                            | 65.50            | 81.88     | 16.1 | 7.90 | 17.2        | Y       | 13,992           |
| 6/17 | 1.28                            | 64.63            | 82.73     | 14.8 | 8.11 | 20.7        | Y       | 14,436           |
| 6/18 | 1.29                            | 63.44            | 81.84     | 15.1 | 8.14 | 19.9        | Y       | 14,445           |
| 6/19 | 1.28                            | 63.27            | 80.99     | 16.0 | 7.93 | 17.5        | Y       | 14,484           |
| 6/20 | 1.26                            | 61.30            | 77.24     | 17.2 | 8.07 | 17.2        | Y       | 14,950           |
| 6/21 | 1.27                            | 53.93            | 68.49     | 18.4 | 7.88 | 15.0        | Y       | 16,993           |
| 6/22 | 1.30                            | 57.44            | 74.67     | 19.5 | 8.27 | 16.1        | Y       | 15,956           |
| 6/23 | 1.29                            | 60.35            | 77.85     | 19.3 | 7.88 | 14.2        | Y       | 15,185           |
| 6/24 | 1.29                            | 66.12            | 85.29     | 18.3 | 7.90 | 15.8        | Y       | 14,914           |
| 6/25 | 1.27                            | 58.55            | 74.36     | 19.1 | 7.95 | 15.3        | Y       | 15,764           |
| 6/26 | 1.28                            | 58.46            | 74.83     | 19.7 | 8.01 | 14.4        | Y       | 15,677           |
| 6/27 | 1.28                            | 59.24            | 75.83     | 17.7 | 7.96 | 16.1        | Y       | 15,469           |
| 6/28 | 1.27                            | 60.51            | 76.85     | 18.7 | 7.82 | 14.4        | Y       | 15,146           |
| 6/29 | 1.23                            | 58.24            | 71.64     | 19.5 | 7.73 | 13.7        | Y       | 18,055           |
| 6/30 | 1.26                            | 60.54            | 76.28     | 19.7 | 7.79 | 13.4        | Y       | 15,130           |
|      |                                 |                  |           |      |      |             |         |                  |

Supervisor's Signature:



Print Name: Dave Trotter

Cert #: 058778

Date: 08-Jul-24