

# OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine Conventional or Direct Filtration

**System Name: Grants Pass, City of ID #: OR4100342 WTP-:WTP-A**

**April, 2024**

| Date      | 12AM<br>(NTU) | 4AM<br>(NTU) | 8AM<br>(NTU) | NOON<br>(NTU) | 4PM<br>(NTU) | 8PM<br>(NTU) | Highest Reading<br>(NTU) |
|-----------|---------------|--------------|--------------|---------------|--------------|--------------|--------------------------|
| 4/1/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/2/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/3/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/4/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/5/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/6/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/7/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/8/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/9/2024  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/10/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/11/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/12/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.03 NTU                 |
| 4/13/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/14/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/15/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/16/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/17/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/18/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/19/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/20/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/21/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/22/2024 | ---           | ---          | ---          | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 4/23/2024 | ---           | ---          | ---          | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/24/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/25/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/26/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/27/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/28/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/29/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 4/30/2024 | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |

| Conventional or Direct Filtration Monthly Summary   | Monthly Summary (Answer Yes or No)  |   |
|---|---|---|
| 95% of Turbidity readings $\leq 0.3$ ? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span><br>All Turbidity readings < 1 NTU? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span><br>All Turbidity readings < IFE triggers? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> | CT's met everyday? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span><br>(see back of sheet) | CI Residual at entry point always > 0.2 mg/l? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> |
| Notes:<br><br>Dashed lines (---) = No Plant Operations  | Printed Name: Adam B Smith<br><br>Signature: _____<br>Phone#: (541)450-6118      Cert.# : T-09430                           |   |

# OHA - Drinking Water Program - Surface Water Quality Data Form

**Grants Pass, City of ID #: OR4100342 WTP--:WTP-A      April, 2024      Required Log Inactivation: 0.5**

| Date Time | <i>Segment 1 CFE</i>                   |                     |                       | <i>Segment 2 EFF</i>                           |                     |                       | TOTAL Actual CT<br>C x T | Temp lowest<br>highest<br>C | pH highest | Required CT<br>Tables | CT Met<br>Yes/No | Peak Hourly Flow<br>(GPM) |
|-----------|--|---------------------|-----------------------|--|---------------------|-----------------------|--------------------------|-----------------------------|------------|-----------------------|------------------|---------------------------|
|           | Min CFE<br>Cl2<br>Residual (C)<br>mg/L | Actual<br>CT<br>(T) | Actual<br>CT<br>C X T | Min.Cl2 Residual<br>At 1st User<br>(C)<br>mg/L | Actual<br>CT<br>(T) | Actual<br>CT<br>C X T |                          |                             |            |                       |                  |                           |
|           |  |                     |                       |  |                     |                       |                          |                             |            |                       |                  |                           |
|           |  |                     |                       |  |                     |                       |                          |                             |            |                       |                  |                           |
| 1 / 0800  | 0.01                                   | 161.0               | 1.6                   | 1.11   | 43.5                | 48.3                  | <b>49.9</b>              | 9.8                         | 7.30       | 22.0                  | <b>YES</b>       | 5500                      |
| 2 / 1400  | 0.08                                   | 141.0               | 11.3                  | 1.11   | 35.1                | 39.0                  | <b>50.2</b>              | 11.2                        | 7.30       | 20.0                  | <b>YES</b>       | 6500                      |
| 3 / 1000  | 0.06                                   | 119.0               | 7.1                   | 1.23   | 28.9                | 35.5                  | <b>42.7</b>              | 12.4                        | 7.30       | 18.8                  | <b>YES</b>       | 7500                      |
| 4 / 0800  | 0.02                                   | 161.0               | 3.2                   | 1.11   | 43.5                | 48.3                  | <b>51.5</b>              | 9.4                         | 7.30       | 22.6                  | <b>YES</b>       | 5500                      |
| 5 / 0800  | 0.03                                   | 161.0               | 4.8                   | 1.12   | 43.5                | 48.7                  | <b>53.5</b>              | 9.2                         | 7.30       | 22.9                  | <b>YES</b>       | 5500                      |
| 6 / 1300  | 0.06                                   | 141.0               | 8.5                   | 1.23   | 35.1                | 43.2                  | <b>51.6</b>              | 9.3                         | 7.30       | 23.0                  | <b>YES</b>       | 6500                      |
| 7 / 0800  | 0.05                                   | 161.0               | 8.1                   | 1.17   | 43.5                | 50.9                  | <b>58.9</b>              | 10.5                        | 7.30       | 21.1                  | <b>YES</b>       | 5500                      |
| 8 / 0800  | 0.06                                   | 141.0               | 8.5                   | 1.22   | 35.1                | 42.8                  | <b>51.3</b>              | 10.7                        | 7.30       | 21.0                  | <b>YES</b>       | 5500                      |
| 9 / 0800  | 0.10                                   | 119.0               | 11.9                  | 1.22   | 28.9                | 35.3                  | <b>47.2</b>              | 11.5                        | 7.30       | 19.9                  | <b>YES</b>       | 7500                      |
| 10 / 1300 | 0.07                                   | 141.0               | 9.9                   | 1.21   | 35.1                | 42.5                  | <b>52.3</b>              | 12.3                        | 7.30       | 18.9                  | <b>YES</b>       | 6500                      |
| 11 / 0900 | 0.05                                   | 119.0               | 6.0                   | 1.20   | 28.9                | 34.7                  | <b>40.6</b>              | 12.4                        | 7.30       | 18.7                  | <b>YES</b>       | 7500                      |
| 12 / 0800 | 0.04                                   | 141.0               | 5.6                   | 1.11   | 35.1                | 39.0                  | <b>44.6</b>              | 12.8                        | 7.40       | 18.5                  | <b>YES</b>       | 6500                      |
| 13 / 0800 | 0.05                                   | 141.0               | 7.1                   | 1.12   | 35.1                | 39.3                  | <b>46.4</b>              | 11.8                        | 7.30       | 19.3                  | <b>YES</b>       | 6500                      |
| 14 / 0900 | 0.04                                   | 141.0               | 5.6                   | 1.18   | 35.1                | 41.4                  | <b>47.1</b>              | 11.2                        | 7.40       | 20.9                  | <b>YES</b>       | 6500                      |
| 15 / 1100 | 0.03                                   | 119.0               | 3.6                   | 1.19   | 28.9                | 34.4                  | <b>38.0</b>              | 10.3                        | 7.20       | 20.7                  | <b>YES</b>       | 7500                      |
| 16 / 0900 | 0.02                                   | 108.0               | 2.2                   | 1.18   | 24.4                | 28.8                  | <b>31.0</b>              | 10.7                        | 7.20       | 20.2                  | <b>YES</b>       | 8500                      |
| 17 / 1200 | 0.05                                   | 108.0               | 5.4                   | 1.24   | 24.4                | 30.3                  | <b>35.7</b>              | 11.7                        | 7.30       | 19.7                  | <b>YES</b>       | 8500                      |
| 18 / 0800 | 0.02                                   | 141.0               | 2.8                   | 1.13   | 35.1                | 39.7                  | <b>42.5</b>              | 12                          | 7.30       | 19.1                  | <b>YES</b>       | 6500                      |
| 19 / 1400 | 0.11                                   | 95.0                | 10.4                  | 1.19   | 21.2                | 25.2                  | <b>35.7</b>              | 13                          | 7.30       | 17.8                  | <b>YES</b>       | 9500                      |
| 20 / 1500 | 0.10                                   | 108.0               | 10.8                  | 1.22   | 24.4                | 29.8                  | <b>40.6</b>              | 13.8                        | 7.30       | 16.9                  | <b>YES</b>       | 8500                      |
| 21 / 1400 | 0.08                                   | 108.0               | 8.6                   | 1.21   | 24.4                | 29.5                  | <b>38.2</b>              | 13.7                        | 7.20       | 16.4                  | <b>YES</b>       | 8500                      |
| 22 / 1700 | 0.19                                   | 95.0                | 18.0                  | 1.22   | 21.2                | 25.9                  | <b>43.9</b>              | 13.9                        | 7.40       | 17.4                  | <b>YES</b>       | 9500                      |
| 23 / 1400 | 0.09                                   | 95.0                | 8.6                   | 1.21   | 21.2                | 25.7                  | <b>34.2</b>              | 14.8                        | 7.30       | 15.8                  | <b>YES</b>       | 9500                      |
| 24 / 1400 | 0.11                                   | 83.0                | 9.1                   | 1.20   | 19.0                | 22.8                  | <b>31.9</b>              | 15.2                        | 7.30       | 15.4                  | <b>YES</b>       | 10500                     |
| 25 / 1700 | 0.05                                   | 95.0                | 4.8                   | 1.18   | 21.2                | 25.0                  | <b>29.8</b>              | 13.2                        | 7.40       | 18.2                  | <b>YES</b>       | 9500                      |
| 26 / 1400 | 0.14                                   | 95.0                | 13.3                  | 1.20   | 21.2                | 25.4                  | <b>38.7</b>              | 12.7                        | 7.10       | 16.9                  | <b>YES</b>       | 9500                      |
| 27 / 1700 | 0.04                                   | 119.0               | 4.8                   | 1.20   | 28.9                | 34.7                  | <b>39.4</b>              | 12.4                        | 7.20       | 18.1                  | <b>YES</b>       | 7500                      |
| 28 / 1000 | 0.07                                   | 95.0                | 6.7                   | 1.22   | 21.2                | 25.9                  | <b>32.5</b>              | 12.2                        | 7.20       | 18.4                  | <b>YES</b>       | 9500                      |
| 29 / 1400 | 0.07                                   | 95.0                | 6.7                   | 1.17   | 21.2                | 24.8                  | <b>31.5</b>              | 13.1                        | 7.20       | 17.0                  | <b>YES</b>       | 9500                      |
| 30 / 0800 | 0.02                                   | 108.0               | 2.2                   | 1.17   | 24.4                | 28.5                  | <b>30.7</b>              | 11.3                        | 7.20       | 19.4                  | <b>YES</b>       | 8500                      |

1 - Dashed line (---) = No Plant Operations or No Data

2 - Disinfection Segment 1 CFE T10 values taken from MWH Tracer Study - September, 2012. - PRE-FILTRATION

3 - Disinfection Segment 2 EFF T10 Values (T) taken from Black and Veatch Tracer Study - June, 2003. - POST FILTRATION