

# 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**

**June, 2022**

| Date      | 12AM<br>(NTU) | 4AM<br>(NTU) | 8AM<br>(NTU) | NOON<br>(NTU) | 4PM<br>(NTU) | 8PM<br>(NTU) | Highest Reading<br>(NTU) |
|-----------|---------------|--------------|--------------|---------------|--------------|--------------|--------------------------|
| 6/1/2022  | ---           | ---          | 0.02         | 0.06          | 0.03         | ---          | 0.06 NTU                 |
| 6/2/2022  | ---           | ---          | 0.02         | 0.02          | 0.07         | ---          | 0.07 NTU                 |
| 6/3/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 6/4/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | ---          | 0.02 NTU                 |
| 6/5/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/6/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/7/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/8/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/9/2022  | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/10/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/11/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/12/2022 | ---           | ---          | 0.02         | 0.02          | 0.03         | 0.02         | 0.03 NTU                 |
| 6/13/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/14/2022 | ---           | ---          | ---          | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/15/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/16/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/17/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/18/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/19/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/20/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/21/2022 | ---           | ---          | 0.02         | 0.02          | 0.01         | 0.02         | 0.02 NTU                 |
| 6/22/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/23/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/24/2022 | ---           | ---          | 0.02         | 0.01          | 0.01         | 0.02         | 0.02 NTU                 |
| 6/25/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/26/2022 | ---           | ---          | 0.02         | 0.01          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/27/2022 | ---           | ---          | 0.02         | 0.01          | 0.02         | 0.02         | 0.03 NTU                 |
| 6/28/2022 | ---           | ---          | 0.02         | 0.02          | 0.02         | 0.02         | 0.02 NTU                 |
| 6/29/2022 | ---           | ---          | 0.02         | 0.04          | 0.02         | 0.02         | 0.04 NTU                 |
| 6/30/2022 | ---           | ---          | 0.02         | 0.02          | 0.03         | 0.02         | 0.03 NTU                 |

| Conventional or Direct Filtration Monthly Summary                                                                               |                                               | Monthly Summary (Answer Yes or No)                                                                |  |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------|--|
| 95% of Turbidity readings $\leq 0.3$ ? Yes<br>All Turbidity readings < 1 NTU? Yes<br>All Turbidity readings < IFE triggers? Yes | CT's met everyday: Yes<br>(see back of sheet) | CI Residual at entry point always > 0.2 mg/l Yes                                                  |  |
| Notes:<br><br><br><div style="text-align: right; font-size: small;">Dashed lines (---) = No Plant Operations</div>              |                                               | 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 |  |  |  |  | June, 2022 |  | Required Log Inactivation: 0.5 |  |
|--------------------------------------------------|--|--|--|--|------------|--|--------------------------------|--|

| Date<br>Time | Segment 1 CFE                  |              |       | Segment 2 EFF                          |              |                       |        |         |                |           |                        |       |
|--------------|--------------------------------|--------------|-------|----------------------------------------|--------------|-----------------------|--------|---------|----------------|-----------|------------------------|-------|
|              | Min CFE<br>Cl2<br>Residual (C) | Actual<br>CT |       | Min.Cl2 Residual<br>At 1st User<br>(C) | Actual<br>CT | TOTAL<br>Actual<br>CT | Temp   | pH      | Required<br>CT | CT<br>Met | Peak<br>Hourly<br>Flow |       |
|              |                                |              |       |                                        |              |                       | lowest | highest |                |           |                        |       |
|              | mg/L                           | (T)          | C X T | mg/L                                   | (T)          | C X T                 | C x T  | C       |                | Tables    | Yes/No                 | (GPM) |
| 1 / 1600     | 0.14                           | 72.0         | 10.1  | 1.21                                   | 17.4         | 21.1                  | 31.1   | 14      | 7.20           | 16.1      | YES                    | 11500 |
| 2 / 1300     | 0.17                           | 72.0         | 12.2  | 1.20                                   | 17.4         | 20.9                  | 33.1   | 14.6    | 7.20           | 15.4      | YES                    | 11500 |
| 3 / 1200     | 0.18                           | 72.0         | 13.0  | 1.20                                   | 17.4         | 20.9                  | 33.8   | 13.4    | 7.20           | 16.7      | YES                    | 11500 |
| 4 / 0700     | 0.15                           | 83.0         | 12.5  | 1.18                                   | 19.0         | 22.4                  | 34.9   | 12.4    | 7.20           | 18.1      | YES                    | 10500 |
| 5 / 1300     | 0.10                           | 95.0         | 9.5   | 1.24                                   | 21.2         | 26.3                  | 35.8   | 13.1    | 7.20           | 17.1      | YES                    | 9500  |
| 6 / 1100     | 0.05                           | 108.0        | 5.4   | 1.25                                   | 24.4         | 30.5                  | 35.9   | 13.8    | 7.20           | 16.4      | YES                    | 8500  |
| 7 / 1500     | 0.09                           | 108.0        | 9.7   | 1.23                                   | 24.4         | 30.0                  | 39.7   | 13.1    | 7.20           | 17.1      | YES                    | 8500  |
| 8 / 1100     | 0.03                           | 119.0        | 3.6   | 1.21                                   | 28.9         | 35.0                  | 38.5   | 13      | 7.20           | 17.2      | YES                    | 7500  |
| 9 / 1200     | 0.11                           | 95.0         | 10.4  | 1.23                                   | 21.2         | 26.1                  | 36.5   | 13.8    | 7.20           | 16.3      | YES                    | 9500  |
| 10 / 1000    | 0.06                           | 95.0         | 5.7   | 1.17                                   | 21.2         | 24.8                  | 30.5   | 14.6    | 7.20           | 15.4      | YES                    | 9500  |
| 11 / 1500    | 0.04                           | 119.0        | 4.8   | 1.15                                   | 28.9         | 33.2                  | 38.0   | 14.8    | 7.20           | 15.1      | YES                    | 7500  |
| 12 / 1800    | 0.07                           | 119.0        | 8.3   | 1.18                                   | 28.9         | 34.1                  | 42.4   | 14      | 7.20           | 16.0      | YES                    | 7500  |
| 13 / 1500    | 0.05                           | 119.0        | 6.0   | 1.20                                   | 28.9         | 34.7                  | 40.6   | 12.9    | 7.20           | 17.3      | YES                    | 7500  |
| 14 / 1500    | 0.12                           | 108.0        | 13.0  | 1.27                                   | 24.4         | 31.0                  | 43.9   | 13.8    | 7.20           | 16.4      | YES                    | 8500  |
| 15 / 1900    | 0.11                           | 83.0         | 9.1   | 1.20                                   | 19.0         | 22.8                  | 31.9   | 14.3    | 7.20           | 15.7      | YES                    | 10500 |
| 16 / 1200    | 0.01                           | 95.0         | 0.9   | 1.13                                   | 21.2         | 24.0                  | 24.9   | 14.1    | 7.20           | 15.8      | YES                    | 9500  |
| 17 / 1200    | 0.13                           | 108.0        | 14.0  | 1.15                                   | 24.4         | 28.1                  | 42.1   | 13.1    | 7.20           | 16.9      | YES                    | 8500  |
| 18 / 1300    | 0.04                           | 119.0        | 4.8   | 1.19                                   | 28.9         | 34.4                  | 39.2   | 13.2    | 7.20           | 16.9      | YES                    | 7500  |
| 19 / 1200    | 0.01                           | 141.0        | 1.4   | 1.18                                   | 35.1         | 41.4                  | 42.8   | 12.7    | 7.30           | 18.1      | YES                    | 6500  |
| 20 / 1800    | 0.08                           | 108.0        | 8.6   | 1.18                                   | 24.4         | 28.8                  | 37.4   | 15      | 7.20           | 15.0      | YES                    | 8500  |
| 21 / 1900    | 0.07                           | 95.0         | 6.7   | 1.15                                   | 21.2         | 24.4                  | 31.0   | 14.8    | 7.20           | 15.1      | YES                    | 9500  |
| 22 / 1800    | 0.06                           | 95.0         | 5.7   | 1.18                                   | 21.2         | 25.0                  | 30.7   | 16.1    | 7.20           | 13.9      | YES                    | 9500  |
| 23 / 1200    | 0.11                           | 83.0         | 9.1   | 1.15                                   | 19.0         | 21.9                  | 31.0   | 16.5    | 7.20           | 13.5      | YES                    | 10500 |
| 24 / 1400    | 0.11                           | 95.0         | 10.4  | 1.08                                   | 21.2         | 22.9                  | 33.3   | 15.4    | 7.30           | 15.0      | YES                    | 9500  |
| 25 / 1400    | 0.15                           | 72.0         | 10.8  | 1.21                                   | 17.4         | 21.1                  | 31.9   | 16.1    | 7.20           | 14.0      | YES                    | 11500 |
| 26 / 2000    | 0.17                           | 72.0         | 12.2  | 1.19                                   | 17.4         | 20.7                  | 32.9   | 17.1    | 7.20           | 13.0      | YES                    | 11500 |
| 27 / 1400    | 0.16                           | 72.0         | 11.5  | 1.20                                   | 17.4         | 20.9                  | 32.4   | 16.6    | 7.20           | 13.5      | YES                    | 11500 |
| 28 / 1700    | 0.22                           | 63.0         | 13.9  | 1.16                                   | 15.9         | 18.4                  | 32.3   | 19      | 7.20           | 11.4      | YES                    | 12500 |
| 29 / 1100    | 0.19                           | 72.0         | 13.7  | 1.17                                   | 17.4         | 20.4                  | 34.0   | 18.8    | 7.20           | 11.6      | YES                    | 11500 |
| 30 / 1500    | 0.18                           | 72.0         | 13.0  | 1.14                                   | 17.4         | 19.8                  | 32.8   | 18.6    | 7.20           | 11.7      | YES                    | 11500 |

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