

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Columbia**

Conventional or Direct Filtration

Dec-2023

| System Name: |             | ID#: 4100194 |            |            |            |            | WTP : TP -                                    |  |
|--------------|-------------|--------------|------------|------------|------------|------------|---|--|
| Day          | 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            | 0.04        | OFF          | OFF        | 0.07       | 0.04       | 0.04       | 0.07  |  |
| 2            | OFF         | OFF          | OFF        | 0.04       | 0.04       | 0.05       | 0.05  |  |
| 3            | 0.04        | 0.06         | 0.07       | OFF        | 0.06       | 0.08       | 0.13  |  |
| 4            | OFF         | OFF          | 0.05       | 0.05       | 0.04       | OFF        | 0.06  |  |
| 5            | OFF         | OFF          | 0.04       | 0.04       | OFF        | OFF        | 0.05  |  |
| 6            | OFF         | 0.04         | 0.05       | OFF        | OFF        | 0.05       | 0.07  |  |
| 7            | 0.07        | 0.16         | OFF        | OFF        | 0.06       | 0.07       | 0.16  |  |
| 8            | OFF         | OFF          | 0.05       | 0.04       | 0.04       | OFF        | 0.11  |  |
| 9            | OFF         | 0.04         | 0.04       | OFF        | OFF        | 0.04       | 0.10  |  |
| 10           | 0.03        | OFF          | OFF        | OFF        | 0.04       | 0.04       | 0.05  |  |
| 11           | OFF         | OFF          | OFF        | 0.03       | 0.04       | OFF        | 0.05  |  |
| 12           | OFF         | 0.03         | OFF        | OFF        | 0.05       | 0.04       | 0.06  |  |
| 13           | 0.04        | OFF          | OFF        | 0.05       | 0.04       | 0.03       | 0.05  |  |
| 14           | OFF         | OFF          | 0.04       | 0.03       | OFF        | OFF        | 0.05  |  |
| 15           | 0.03        | OFF          | OFF        | OFF        | 0.04       | 0.04       | 0.06  |  |
| 16           | OFF         | OFF          | OFF        | 0.04       | 0.03       | OFF        | 0.06  |  |
| 17           | OFF         | OFF          | 0.03       | 0.03       | OFF        | 0.04       | 0.05  |  |
| 18           | 0.03        | OFF          | OFF        | OFF        | 0.03       | 0.03       | 0.05  |  |
| 19           | OFF         | OFF          | OFF        | 0.03       | 0.03       | OFF        | 0.05  |  |
| 20           | OFF         | 0.03         | OFF        | OFF        | OFF        | 0.04       | 0.07  |  |
| 21           | 0.04        | OFF          | OFF        | OFF        | 0.04       | 0.03       | 0.06  |  |
| 22           | OFF         | OFF          | OFF        | 0.03       | 0.03       | OFF        | 0.05  |  |
| 23           | 0.04        | 0.03         | OFF        | OFF        | 0.04       | 0.03       | 0.06  |  |
| 24           | OFF         | OFF          | OFF        | 0.04       | 0.03       | 0.03       | 0.06  |  |
| 25           | OFF         | OFF          | 0.04       | 0.03       | OFF        | OFF        | 0.08  |  |
| 26           | 0.03        | OFF          | OFF        | OFF        | 0.03       | 0.03       | 0.04  |  |
| 27           | OFF         | OFF          | OFF        | 0.04       | 0.04       | 0.04       | 0.07  |  |
| 28           | OFF         | OFF          | 0.03       | 0.03       | 0.07       | 0.04       | 0.15  |  |
| 29           | OFF         | OFF          | OFF        | OFF        | 0.04       | 0.04       | 0.06  |  |
| 30           | OFF         | OFF          | OFF        | 0.03       | 0.03       | OFF        | 0.05  |  |
| 31           | OFF         | 0.03         | OFF        | OFF        | 0.05       | 0.03       | 0.05  |  |

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU? **YES** / No

All 4-hour turbidity readings ≤ 1 NTU? **YES** / No

All turbidity readings < IFE<sup>2</sup> triggers **YES** / No

CT's met everyday?  
See page 2

All Cl<sub>2</sub> residual at entry point  
≥ 0.2 mg/l? **YES** / NO

Notes:

PRINTED NAME: DANIEL W SMITH

SIGNATURE:  DATE: 1-2-24

PHONE #: ( 503 ) 741 - 0799 CERT #:8732

| OHA - Drinking Water Program - Surface Water Quality Data Form |   |                        |              |       |          |             | WTP - :                                 |                            |
|--|---|------------------------|--------------|-------|----------|-------------|---|----------------------------|
| System Name: CITY OF CLATSKANIE                                |   |                        | ID#: 4100194 |       | Dec-2023 |             | Disinfection<br>Giardia Log<br>Inactiv: | 1                          |
| Day  | Residual at<br>1st User<br>(C) <sup>3</sup> | Contact<br>Time<br>(T) | Actual CT    | Temp  | pH       | Required CT | CT Met? <sup>3</sup>                    | Peak Hourly<br>Demand Flow |
|  | [ppm or mg/L]                               | [minutes]              | C X T        | [° C] |          | formula     | Yes / No                                | [GPM]                      |
| 1  | 0.86  | 90                     | 77.4         | 5.4   | 7.40     | 59.4        | YES                                     | 460                        |
| 2  | 0.89  | 90                     | 80.1         | 5.5   | 7.40     | 59.2        | YES                                     | 460                        |
| 3  | 0.81  | 90                     | 72.9         | 5.9   | 7.40     | 57.1        | YES                                     | 460                        |
| 4  | 0.76  | 90                     | 68.4         | 6.3   | 7.30     | 53.3        | YES                                     | 460                        |
| 5  | 0.71  | 90                     | 63.9         | 7.1   | 7.20     | 48.5        | YES                                     | 460                        |
| 6  | 0.75  | 90                     | 67.5         | 7.3   | 7.20     | 48.1        | YES                                     | 460                        |
| 7  | 0.77  | 90                     | 69.3         | 7.3   | 7.10     | 46.5        | YES                                     | 460                        |
| 8  | 0.75  | 90                     | 67.5         | 7.3   | 7.00     | 44.8        | YES                                     | 460                        |
| 9  | 0.79  | 90                     | 71.1         | 7.4   | 7.00     | 44.7        | YES                                     | 460                        |
| 10   | 0.83  | 90                     | 74.7         | 7.7   | 7.00     | 44.0        | YES                                     | 460                        |
| 11   | 0.9   | 90                     | 81.0         | 7.7   | 7.00     | 44.4        | YES                                     | 460                        |
| 12   | 0.87  | 90                     | 78.3         | 7.6   | 7.00     | 44.5        | YES                                     | 460                        |
| 13   | 0.87  | 90                     | 78.3         | 7.4   | 7.00     | 45.1        | YES                                     | 460                        |
| 14   | 0.86  | 90                     | 77.4         | 7.7   | 7.00     | 44.2        | YES                                     | 460                        |
| 15   | 0.86  | 90                     | 77.4         | 7.4   | 7.10     | 46.7        | YES                                     | 460                        |
| 16   | 0.86  | 90                     | 77.4         | 7.1   | 7.10     | 47.6        | YES                                     | 460                        |
| 17   | 0.87  | 90                     | 78.3         | 7.1   | 7.10     | 47.7        | YES                                     | 460                        |
| 18   | 0.83  | 90                     | 74.7         | 7.1   | 7.10     | 47.4        | YES                                     | 460                        |
| 19   | 0.85  | 90                     | 76.5         | 7.1   | 7.10     | 47.6        | YES                                     | 460                        |
| 20   | 0.85  | 90                     | 76.5         | 7.2   | 7.20     | 48.9        | YES                                     | 460                        |
| 21   | 0.83  | 90                     | 74.7         | 7.2   | 7.20     | 48.8        | YES                                     | 460                        |
| 22   | 0.75  | 90                     | 67.5         | 7.2   | 7.20     | 48.4        | YES                                     | 460                        |
| 23   | 0.75  | 90                     | 67.5         | 6.8   | 7.20     | 49.7        | YES                                     | 460                        |
| 24   | 0.75  | 90                     | 67.5         | 6.7   | 7.30     | 51.8        | YES                                     | 460                        |
| 25   | 0.77  | 90                     | 69.3         | 6.7   | 7.30     | 52.0        | YES                                     | 460                        |
| 26   | 0.76  | 90                     | 68.4         | 6.7   | 7.30     | 51.9        | YES                                     | 460                        |
| 27   | 0.75  | 90                     | 67.5         | 6.8   | 7.30     | 51.5        | YES                                     | 460                        |
| 28   | 0.75  | 90                     | 67.5         | 6.9   | 7.30     | 51.2        | YES                                     | 460                        |
| 29   | 0.75  | 90                     | 67.5         | 6.9   | 7.30     | 51.2        | YES                                     | 460                        |
| 30   | 0.75  | 90                     | 67.5         | 7.1   | 7.30     | 50.5        | YES                                     | 460                        |
| 31   | 0.73  | 90                     | 65.7         | 7.2   | 7.30     | 50.0        | YES                                     | 460                        |