

OHA - Drinking Water Services -Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: **Columbia**
Apr-2022

System Name: City of Rainier ID#: 4100689

| Day | 12 AM 00:00 [NTU] | 4 AM 04:00 [NTU] | 8 AM 08:00 [NTU] | NOON 12:00 [NTU] | 4 PM 16:00 [NTU] | 8 PM 20:00 [NTU] | Highest Reading of the Day ¹ [NTU] |
|-----|-------------------------|------------------------|---------------------|------------------------|------------------------|------------------------|--|
| 1 | 0.07 | 0.07 | OFF | OFF | 0.06 | OFF | 0.07 |
| 2 | OFF | OFF | OFF | OFF | 0.08 | OFF | 0.08 |
| 3 | 0.06 | 0.07 | 0.08 | OFF | 0.06 | OFF | 0.08 |
| 4 | OFF | OFF | 0.07 | OFF | OFF | 0.07 | 0.07 |
| 5 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| 6 | OFF | OFF | 0.06 | 0.06 | 0.07 | 0.06 | 0.07 |
| 7 | OFF | OFF | 0.06 | 0.07 | 0.08 | 0.07 | 0.08 |
| 8 | OFF | OFF | OFF | OFF | OFF | OFF | 0.00 |
| 9 | OFF | OFF | OFF | OFF | 0.06 | OFF | 0.06 |
| 10 | 0.06 | 0.06 | OFF | OFF | 0.07 | 0.07 | 0.07 |
| 11 | OFF | OFF | OFF | 0.06 | OFF | 0.06 | 0.06 |
| 12 | 0.07 | 0.07 | OFF | 0.07 | 0.07 | 0.08 | 0.08 |
| 13 | 0.07 | 0.07 | OFF | 0.07 | 0.06 | 0.07 | 0.07 |
| 14 | 0.06 | OFF | 0.07 | 0.07 | 0.11 | 0.06 | 0.11 |
| 15 | OFF | 0.07 | 0.06 | 0.06 | OFF | OFF | 0.07 |
| 16 | OFF | OFF | OFF | OFF | OFF | OFF | 0.00 |
| 17 | 0.06 | 0.06 | OFF | OFF | 0.06 | OFF | 0.06 |
| 18 | OFF | 0.09 | 0.07 | OFF | 0.06 | 0.06 | 0.09 |
| 19 | OFF | OFF | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| 20 | 0.08 | 0.06 | OFF | 0.06 | OFF | 0.06 | 0.08 |
| 21 | 0.06 | 0.06 | OFF | OFF | 0.05 | 0.05 | 0.06 |
| 22 | OFF | OFF | 0.05 | OFF | OFF | OFF | 0.05 |
| 23 | OFF | OFF | 0.05 | OFF | OFF | 0.05 | 0.05 |
| 24 | OFF | OFF | OFF | OFF | OFF | 0.06 | 0.06 |
| 25 | 0.05 | OFF | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 |
| 26 | 0.05 | 0.05 | 0.05 | OFF | 0.06 | 0.05 | 0.06 |
| 27 | 0.05 | 0.06 | 0.06 | OFF | 0.06 | 0.06 | 0.06 |
| 28 | OFF | 0.06 | 0.05 | 0.05 | OFF | 0.05 | 0.06 |
| 29 | OFF | 0.06 | OFF | OFF | 0.06 | OFF | 0.06 |
| 30 | OFF | 0.06 | OFF | OFF | OFF | 0.05 | 0.06 |

| Conventional or Direct Filtration | | Monthly Summary (Answer Yes or No) | |
|--|------------|------------------------------------|---|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? | YES | CT's met everyday? | All Cl ₂ residual at entry point |
| All 4-hour turbidity readings ≤ 1 NTU? | YES | See page 2 | ≥ 0.2 mg/l? |
| All turbidity readings < IFE ² triggers | YES | YES | YES |

Notes:

PRINTED NAME: Richard M. Cage

SIGNATURE: *Richard M. Cage* **DATE:**

PHONE #: (503) 209-6141

CERT #:
T2610

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| OHA - Drinking Water Program - Surface Water Quality Data Form | | | | | | | WTP - : | |
|--|------------------------------|----------------------------------|--------------------|---------------|-----|---|----------------------------------|-------------------------------------|
| System Name: CITY OF RAINIER | | | ID#: 4100689 | Apr-2022 | | Disinfection <i>Giardia</i> Log Inactive: | 0.5 | |
| Day | Residual at [ppm or mg/L] | Contact Time (T) [minutes] | Actual CT C X T | Temp [° C] | pH | Required CT formula | CT Met? ³ Yes / No | Peak Hourly Demand Flow [GPM] |
| 1 | 0.9 | 160.0 | 150.9 | 12.8 | 7.8 | 21.2 | YES | 1000 |
| 2 | 0.9 | 160.0 | 141.1 | 13.0 | 7.8 | 20.6 | YES | 1000 |
| 3 | 0.8 | 160.0 | 132.0 | 13.0 | 7.8 | 20.5 | YES | 1000 |
| 4 | 0.8 | 160.0 | 124.5 | 13.3 | 7.8 | 20.0 | YES | 1000 |
| 5 | 0.8 | 160.0 | 121.1 | 12.4 | 7.8 | 21.5 | YES | 1000 |
| 6 | 0.8 | 160.0 | 125.4 | 12.4 | 7.9 | 21.9 | YES | 1000 |
| 7 | 0.8 | 160.0 | 121.8 | 13.7 | 7.9 | 20.1 | YES | 1000 |
| 8 | 0.8 | 160.0 | 125.3 | 15.0 | 7.8 | 18.0 | YES | 1000 |
| 9 | 0.8 | 160.0 | 121.4 | 13.7 | 7.8 | 19.3 | YES | 1000 |
| 10 | 0.7 | 160.0 | 115.2 | 13.2 | 7.8 | 19.6 | YES | 1000 |
| 11 | 0.7 | 160.0 | 109.8 | 12.5 | 7.7 | 20.2 | YES | 1000 |
| 12 | 0.7 | 160.0 | 107.2 | 11.8 | 7.7 | 21.2 | YES | 1000 |
| 13 | 0.5 | 160.0 | 74.1 | 12.1 | 7.7 | 20.3 | YES | 1000 |
| 14 | 0.5 | 160.0 | 72.8 | 11.4 | 7.7 | 21.0 | YES | 1000 |
| 15 | 0.8 | 160.0 | 129.8 | 11.8 | 7.7 | 21.3 | YES | 1000 |
| 16 | 0.8 | 160.0 | 133.8 | 13.4 | 7.8 | 19.7 | YES | 1000 |
| 17 | 0.8 | 160.0 | 129.0 | 12.8 | 7.8 | 20.4 | YES | 1000 |
| 18 | 0.8 | 160.0 | 124.0 | 13.3 | 7.7 | 19.6 | YES | 1000 |
| 19 | 0.8 | 160.0 | 123.2 | 12.3 | 7.7 | 20.8 | YES | 1000 |
| 20 | 0.7 | 160.0 | 118.9 | 13.5 | 7.7 | 18.9 | YES | 1000 |
| 21 | 0.7 | 160.0 | 116.3 | 12.9 | 7.7 | 19.3 | YES | 1000 |
| 22 | 0.7 | 160.0 | 112.6 | 13.3 | 7.7 | 18.8 | YES | 1000 |
| 23 | 0.7 | 160.0 | 117.9 | 13.7 | 7.6 | 18.1 | YES | 1000 |
| 24 | 0.7 | 160.0 | 117.3 | 14.0 | 7.7 | 17.9 | YES | 1000 |
| 25 | 0.7 | 160.0 | 119.7 | 15.5 | 7.6 | 16.0 | YES | 1000 |
| 26 | 0.7 | 160.0 | 119.0 | 14.5 | 7.6 | 17.3 | YES | 1000 |
| 27 | 0.8 | 160.0 | 120.0 | 13.9 | 7.7 | 18.5 | YES | 1000 |
| 28 | 0.7 | 160.0 | 119.7 | 14.4 | 7.7 | 17.7 | YES | 1000 |
| 29 | 0.8 | 160.0 | 123.2 | 14.7 | 7.7 | 17.7 | YES | 1000 |
| 30 | 0.8 | 160.0 | 121.6 | 14.8 | 7.8 | 18.1 | YES | 1000 |
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