

System Name: Canby Utility WS ID#: 00157 WTP ID: A

| Day | Turbidity | | | | | | | Viral CT's | | | | | | |
|-----|-------------|------------|------------|------------|------------|------------|-------------------------------------|--|----------------------------|-----------------|-----------|------------------------------------|-----------------------------|--|
| | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest NTU of the day ¹ | Minimum Cl ₂ Residual at 1 st User (C) [mg/L] ² | Contact Time (T) [minutes] | Actual CT C X T | Temp (°C) | Required CT [from table next page] | Peak Hour Demand Flow [gpm] | Required CT Met? ² [Yes / No] |
| 1 | OFF | OFF | 0.04 | 0.04 | OFF | OFF | 0.06 | 0.75 | 82.67 | 62.00 | 8.8 | 8 | 4613 | Yes |
| 2 | OFF | OFF | 0.04 | 0.05 | OFF | OFF | 0.07 | 0.75 | 66.25 | 49.69 | 9.0 | 8 | 5585 | Yes |
| 3 | OFF | OFF | 0.06 | 0.06 | OFF | OFF | 0.07 | 0.73 | 79.59 | 58.10 | 9.8 | 8 | 4821 | Yes |
| 4 | OFF | OFF | 0.05 | 0.05 | OFF | OFF | 0.08 | 0.74 | 78.10 | 57.79 | 10.1 | 6 | 4785 | Yes |
| 5 | OFF | OFF | 0.06 | 0.05 | OFF | OFF | 0.08 | 0.75 | 69.67 | 52.25 | 9.2 | 8 | 4777 | Yes |
| 6 | OFF | OFF | 0.05 | 0.05 | OFF | OFF | 0.07 | 0.74 | 78.69 | 58.23 | 8.5 | 8 | 4575 | Yes |
| 7 | OFF | OFF | OFF | 0.06 | 0.07 | OFF | 0.10 | 0.77 | 65.14 | 50.16 | 8.4 | 8 | 4702 | Yes |
| 8 | OFF | OFF | 0.07 | 0.07 | OFF | OFF | 0.08 | 0.81 | 71.96 | 58.29 | 8.9 | 8 | 4504 | Yes |
| 9 | OFF | OFF | 0.06 | 0.04 | OFF | OFF | 0.07 | 0.74 | 82.29 | 60.89 | 8.9 | 8 | 4679 | Yes |
| 10 | OFF | OFF | 0.04 | 0.04 | OFF | OFF | 0.07 | 0.73 | 81.45 | 59.46 | 9.1 | 8 | 4771 | Yes |
| 11 | OFF | OFF | 0.05 | 0.05 | OFF | OFF | 0.06 | 0.77 | 82.29 | 63.36 | 9.4 | 8 | 4679 | Yes |
| 12 | OFF | OFF | 0.06 | 0.05 | OFF | OFF | 0.08 | 0.82 | 82.15 | 67.36 | 10.7 | 6 | 4671 | Yes |
| 13 | OFF | OFF | 0.06 | 0.07 | OFF | OFF | 0.10 | 0.83 | 75.21 | 62.42 | 10.8 | 6 | 4769 | Yes |
| 14 | OFF | OFF | 0.06 | 0.06 | OFF | OFF | 0.09 | 0.80 | 67.49 | 53.99 | 11.0 | 6 | 4728 | Yes |
| 15 | OFF | OFF | 0.07 | 0.05 | OFF | OFF | 0.08 | 0.70 | 76.59 | 53.61 | 11.7 | 6 | 4910 | Yes |
| 16 | OFF | OFF | 0.07 | 0.07 | OFF | OFF | 0.08 | 0.76 | 82.56 | 62.75 | 11.0 | 6 | 4656 | Yes |
| 17 | OFF | OFF | 0.04 | 0.04 | OFF | OFF | 0.05 | 0.75 | 79.93 | 59.95 | 10.2 | 6 | 4908 | Yes |
| 18 | OFF | OFF | 0.04 | 0.04 | 0.05 | OFF | 0.06 | 0.76 | 77.27 | 58.72 | 10.0 | 8 | 4933 | Yes |
| 19 | OFF | OFF | OFF | 0.05 | 0.05 | OFF | 0.06 | 0.78 | 65.85 | 51.37 | 10.8 | 6 | 4639 | Yes |
| 20 | OFF | OFF | OFF | 0.05 | 0.06 | OFF | 0.06 | 0.80 | 65.27 | 52.22 | 11.7 | 6 | 5119 | Yes |
| 21 | OFF | OFF | OFF | 0.05 | 0.06 | OFF | 0.06 | 0.77 | 72.17 | 55.57 | 11.8 | 6 | 4763 | Yes |
| 22 | OFF | OFF | 0.05 | 0.07 | 0.07 | OFF | 0.07 | 0.79 | 75.78 | 59.87 | 11.6 | 6 | 5356 | Yes |
| 23 | OFF | OFF | 0.09 | 0.06 | 0.05 | OFF | 0.10 | 0.74 | 76.31 | 56.47 | 13.1 | 6 | 5063 | Yes |
| 24 | OFF | OFF | 0.05 | 0.05 | OFF | OFF | 0.07 | 0.73 | 71.31 | 52.05 | 12.3 | 6 | 5331 | Yes |
| 25 | OFF | OFF | 0.04 | 0.05 | OFF | OFF | 0.06 | 0.72 | 76.71 | 55.23 | 12.6 | 6 | 5042 | Yes |
| 26 | OFF | OFF | 0.05 | 0.05 | OFF | OFF | 0.07 | 0.76 | 80.96 | 61.53 | 12.4 | 6 | 4771 | Yes |
| 27 | OFF | OFF | 0.07 | 0.04 | OFF | OFF | 0.07 | 0.73 | 71.60 | 52.27 | 12.0 | 6 | 4792 | Yes |
| 28 | OFF | OFF | 0.04 | 0.04 | OFF | OFF | 0.06 | 0.72 | 70.34 | 50.64 | 11.3 | 6 | 4698 | Yes |
| 29 | OFF | OFF | 0.05 | 0.06 | OFF | OFF | 0.07 | 0.69 | 79.77 | 55.04 | 10.7 | 6 | 4842 | Yes |
| 30 | OFF | OFF | 0.06 | 0.06 | OFF | OFF | 0.08 | 0.78 | 80.00 | 62.40 | 10.4 | 6 | 4734 | Yes |
| 31 | | | | | | | | | | | | | | |

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 / No³

Monthly Summary (circle Yes or No)

Virus CT's met everyday?² Yes / No

All Cl₂ residual at entry point ≥ 0.2 mg/L?² Yes / No

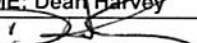
Monthly UV Summary (circle Yes or No)

Was the volume of off-spec water produced less than 5% for the month? Yes / No

PHONE#: (503) 266-6400 CERT #:6980

DATE: 5/2/2024

PRINTED NAME: Dean Harvey

SIGNATURE: 

¹ Highest NTU of the day is for optimization, not compliance. Highest is only for state-wide tracking of performance among all treatment systems.

² If CT not met or Cl₂ at entry point (1st user) < 0.2 mg/L, notify DWS within 24 hours.

³ IFE= Individual Filter Effluent (OAR 333-061-0040(1)(e)(B&C))

OHA - Drinking Water Services - Surface Water Quality Data Form County: **Clackamas**
Conventional or Direct Filtration with UV *Giardia/Crypto* Disinfection Month/Year: **April-2024**
System Name: Canby Utility ID# 41- 00157 WTP ID: **A**

Minimum UVT during month: 98.40% % Duty sensor variation from reference sensor %: 2.11%
 Minimum Validated UVT: 54% Min. UV Intensity achieved/intended this month: 3.5 / 2.67 ^{mW/cm²}

| Date | Peak Hourly Demand Flow | Minimum Intensity | All Lamps On? | Daily Water Produced {A} | Water outside Validated Conditions {B} | Cumulative % Off-Spec Water Produced |
|---|-------------------------|-----------------------|---------------|--------------------------|--|---|
| | [gpm/unit] | [mW/cm ²] | [Y or N] | [mgal] | [mgal] | (Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%] |
| 1 | 634 | 4 | Y | 1.525 | 0 | 0 |
| 2 | 649 | 4.08 | Y | 1.666 | 0 | 0 |
| 3 | 631 | 3.99 | Y | 1.577 | 0 | 0 |
| 4 | 704 | 4.16 | Y | 1.550 | 0 | 0 |
| 5 | 489 | 3.46 | Y | 1.507 | 0 | 0 |
| 6 | 656 | 4.16 | Y | 1.416 | 0 | 0 |
| 7 | 524 | 3.88 | Y | 1.656 | 0 | 0 |
| 8 | 814 | 4.58 | Y | 1.478 | 0 | 0 |
| 9 | 643 | 4.08 | Y | 1.473 | 0 | 0 |
| 10 | 663 | 3.79 | Y | 1.524 | 0 | 0 |
| 11 | 631 | 3.96 | Y | 1.581 | 0 | 0 |
| 12 | 679 | 4.26 | Y | 1.591 | 0 | 0 |
| 13 | 646 | 4.08 | Y | 1.517 | 0 | 0 |
| 14 | 784 | 3.99 | Y | 1.691 | 0 | 0 |
| 15 | 641 | 4.16 | Y | 1.702 | 0 | 0 |
| 16 | 663 | 4.16 | Y | 1.665 | 0 | 0 |
| 17 | 644 | 4.08 | Y | 1.645 | 0 | 0 |
| 18 | 648 | 4.1 | Y | 1.801 | 0 | 0 |
| 19 | 695 | 4.06 | Y | 1.844 | 0 | 0 |
| 20 | 767 | 4.81 | Y | 1.863 | 0 | 0 |
| 21 | 658 | 4.19 | Y | 1.855 | 0 | 0 |
| 22 | 680 | 4.24 | Y | 2.085 | 0 | 0 |
| 23 | 663 | 4.16 | Y | 2.018 | 0 | 0 |
| 24 | 663 | 4.16 | Y | 2.090 | 0 | 0 |
| 25 | 430 | 3.58 | Y | 1.912 | 0 | 0 |
| 26 | 657 | 4.13 | Y | 1.701 | 0 | 0 |
| 27 | 719 | 4.51 | Y | 1.556 | 0 | 0 |
| 28 | 735 | 4.19 | Y | 1.616 | 0 | 0 |
| 29 | 695 | 3.99 | Y | 1.649 | 0 | 0 |
| 30 | 572 | 4.63 | Y | 1.544 | 0 | 0 |
| 31 | | | | 0.000 | 0 | #DIV/0! |
| Monthly Cumulative % Off-Spec Water Produced ⁴ | | | | | | |

⁴ If ≥ 5% of total water produced is off-spec., notify DWS within 24 hours.

| For previous page calculation - Required CT for viral inactivation (for pH range of 6.0 to 9.9) | | | | | | |
|---|---------|-----------|-------------|-------------|----------|----------|
| Temp (C°) | 0 - 4.9 | 5.0 - 9.9 | 10.0 - 14.9 | 15.0 - 19.9 | 20 -24.9 | ≥ 25.0 C |
| Required CT | 12 | 8 | 6 | 4 | 3 | 2 |

Return by 10th of following month by email, fax or mail to: