

OHA - Drinking Water Program - Turbidity

County: Washington

System Name: Hillsboro-Cherry Grove

ID#: 41 00985-A

Month/Year: Feb-21

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day ¹ [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1 | | | 0.09 | | | | 0.09 |
| 2 | | | 0.08 | | | | 0.08 |
| 3 | | | 0.11 | | | | 0.11 |
| 4 | | | 0.09 | | | | 0.09 |
| 5 | | | 0.08 | | | | 0.08 |
| 6 | | | 0.09 | | | | 0.09 |
| 7 | | | 0.09 | | | | 0.09 |
| 8 | | | 0.09 | | | | 0.09 |
| 9 | | | 0.08 | | | | 0.08 |
| 10 | | | 0.09 | | | | 0.09 |
| 11 | | | 0.08 | | | | 0.08 |
| 12 | | | 0.09 | | | | 0.09 |
| 13 | | | 0.08 | | | | 0.08 |
| 14 | | | 0.07 | | | | 0.07 |
| 15 | | | 0.07 | | | | 0.07 |
| 16 | | | 0.07 | | | | 0.07 |
| 17 | | | 0.09 | | | | 0.09 |
| 18 | | | 0.07 | | | | 0.07 |
| 19 | | | 0.06 | | | | 0.06 |
| 20 | | | 0.07 | | | | 0.07 |
| 21 | | | 0.07 | | | | 0.07 |
| 22 | | | 0.08 | | | | 0.08 |
| 23 | | | 0.07 | | | | 0.07 |
| 24 | | | 0.07 | | | | 0.07 |
| 25 | | | 0.08 | | | | 0.08 |
| 26 | | | 0.08 | | | | 0.08 |
| 27 | | | 0.08 | | | | 0.08 |
| 28 | | | 0.08 | | | | 0.08 |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |

| | | | |
|---|---|---|---|
| Slow Sand/Membrane/DE Filtration/Unfiltered | | Monthly Summary (Answer Yes or No) | |
| 95% of daily turbidity readings ≤ 1 NTU? ² | <input checked="" type="radio"/> Yes / No | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU? | <input checked="" type="radio"/> Yes / No | <input checked="" type="radio"/> Yes / No | <input checked="" type="radio"/> Yes / No |
| Notes: | PRINTED NAME: David J. Norman | | Cert: 08/66 |
| | SIGNATURE: <i>David J. Norman</i> | | DATE: 3/1/21 |
| | PHONE #: (509) 615-6200 | | |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: **Hillsboro-Cherry Grove** ID#: **41 00985-A** Month / Year: **Feb-21** Disinfection *Giardia* Log Inactiv: **1**

| Date | Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|------|-------|---|------------------|-----------|-------|------|-------------|----------------------|-------------------------|
| | | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 10:30 | 1.59 | 360 | 572.4 | 5.9 | 6.90 | 52.2 | Yes | 525 |
| 2 | 8:45 | 1.43 | 839 | 1199.8 | 7.4 | 6.90 | 46.4 | Yes | 225 |
| 3 | 11:00 | 1.51 | 839 | 1266.9 | 7.0 | 6.90 | 48.1 | Yes | 225 |
| 4 | 8:00 | 1.49 | 755 | 1125.0 | 7.6 | 7.10 | 49.5 | Yes | 250 |
| 5 | 8:00 | 1.6 | 472 | 755.2 | 7.4 | 7.10 | 50.8 | Yes | 400 |
| 6 | 9:00 | 1.48 | 377 | 558.0 | 6.2 | 7.20 | 56.3 | Yes | 500 |
| 7 | 7:30 | 1.36 | 377 | 512.7 | 6.4 | 7.20 | 54.8 | Yes | 500 |
| 8 | 10:30 | 1.53 | 377 | 576.8 | 6.6 | 7.20 | 55.1 | Yes | 500 |
| 9 | 11:15 | 1.5 | 444 | 666.0 | 7.7 | 7.10 | 49.2 | Yes | 425 |
| 10 | 12:30 | 1.48 | 472 | 698.6 | 6.7 | 7.00 | 50.7 | Yes | 400 |
| 11 | 8:00 | 1.46 | 472 | 689.1 | 7.4 | 7.10 | 50.0 | Yes | 400 |
| 12 | 12:30 | 1.46 | 472 | 689.1 | 6.4 | 6.90 | 49.8 | Yes | 400 |
| 13 | 9:30 | 1.56 | 444 | 692.6 | 6.0 | 6.80 | 49.9 | Yes | 425 |
| 14 | 9:00 | 1.43 | 444 | 634.9 | 5.6 | 6.90 | 52.3 | Yes | 425 |
| 15 | 9:00 | 1.48 | 444 | 657.1 | 5.4 | 6.90 | 53.3 | Yes | 425 |
| 16 | 10:00 | 1.54 | 472 | 726.9 | 5.1 | 6.80 | 52.9 | Yes | 400 |
| 17 | 9:30 | 1.49 | 472 | 703.3 | 5.1 | 6.90 | 54.5 | Yes | 400 |
| 18 | 7:50 | 1.49 | 444 | 661.6 | 6.1 | 7.10 | 54.7 | Yes | 425 |
| 19 | 8:15 | 1.41 | 444 | 626.0 | 6.2 | 7.10 | 53.9 | Yes | 425 |
| 20 | 9:45 | 1.33 | 472 | 627.8 | 6.2 | 7.10 | 53.4 | Yes | 400 |
| 21 | 10:15 | 1.47 | 397 | 583.6 | 6.6 | 7.10 | 52.8 | Yes | 475 |
| 22 | 9:30 | 1.38 | 377 | 520.3 | 5.6 | 6.90 | 52.0 | Yes | 500 |
| 23 | 7:45 | 1.52 | 397 | 603.4 | 6.6 | 7.10 | 53.1 | Yes | 475 |
| 24 | 11:00 | 1.48 | 377 | 558.0 | 6.0 | 6.90 | 51.2 | Yes | 500 |
| 25 | 8:00 | 1.44 | 419 | 603.4 | 7.0 | 7.20 | 53.1 | Yes | 450 |
| 26 | 10:00 | 1.45 | 328 | 475.6 | 6.5 | 7.30 | 57.0 | Yes | 575 |
| 27 | 9:00 | 1.53 | 328 | 501.8 | 7.2 | 7.20 | 52.9 | Yes | 575 |
| 28 | 8:30 | 1.49 | 328 | 488.7 | 8.0 | 7.10 | 48.2 | Yes | 575 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.