

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Umatilla
 Month/Year: Nov-22


Conventional or Direct Filtration

System Name: Hermiston, City of ID#: 4100372 WTP : TP - F

| 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 | plant off | plant off | plant off | plant off | plant off | plant off | 0.09 |
| 2 | plant off | plant off | plant off | plant off | plant off | plant off | 0.08 |
| 3 | plant off | plant off | plant off | plant off | plant off | plant off | 0.03 |
| 4 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 5 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 6 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 7 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 8 | plant off | plant off | 0.05 | plant off | plant off | plant off | 0.05 |
| 9 | plant off | plant off | plant off | plant off | plant off | plant off | 0.06 |
| 10 | plant off | plant off | plant off | plant off | plant off | plant off | 0.06 |
| 11 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 12 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 13 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 14 | plant off | plant off | plant off | 0.07 | plant off | plant off | 0.07 |
| 15 | plant off | plant off | plant off | plant off | plant off | plant off | 0.06 |
| 16 | plant off | plant off | plant off | 0.06 | plant off | plant off | 0.06 |
| 17 | plant off | plant off | plant off | plant off | plant off | plant off | 0.08 |
| 18 | plant off | plant off | plant off | plant off | plant off | plant off | 0.10 |
| 19 | plant off | plant off | plant off | plant off | plant off | plant off | 0.09 |
| 20 | plant off | plant off | plant off | plant off | plant off | plant off | 0.09 |
| 21 | plant off | plant off | plant off | 0.05 | plant off | plant off | 0.05 |
| 22 | plant off | plant off | plant off | plant off | plant off | plant off | 0.04 |
| 23 | plant off | plant off | plant off | 0.03 | plant off | plant off | 0.03 |
| 24 | plant off | plant off | plant off | plant off | plant off | plant off | 0.03 |
| 25 | plant off | plant off | plant off | 0.06 | plant off | plant off | 0.06 |
| 26 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 27 | plant off | plant off | plant off | plant off | plant off | plant off | 0.05 |
| 28 | plant off | plant off | plant off | 0.04 | plant off | plant off | 0.04 |
| 29 | plant off | plant off | plant off | plant off | plant off | plant off | 0.04 |
| 30 | plant off | plant off | plant off | plant off | plant off | plant off | 0.04 |
| 31 | | | | | | | |

Conventional or Direct Filtration

| | | | |
|--|-----|----------------------------------|--|
| 95% of daily turbidity readings ≤ 0.3 NTU? | Yes | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 1 NTU? | Yes | | |
| All turbidity readings < IFE ² triggers | Yes | | |

| | | |
|--------|---|-----------------|
| Notes: | PRINTED NAME: Alexander McCann | |
| | SIGNATURE:  | DATE: 12/2/2022 |
| | PHONE #: (541)-567-5521 | CERT #: 6110 |

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 IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - F

| | | | | | | | |
|--------------|--------------------|---------|-----|-------------|-----------|---|-----|
| System Name: | Hermiston, City of | ID#: 41 | 372 | Month/Year: | 11/1/2022 | Disinfection <i>Giardia</i> Log Inactiv: | 0.5 |
|--------------|--------------------|---------|-----|-------------|-----------|---|-----|

| 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) 1:00 | 0.90 | 13078 | 11770.2 | 18.2 | 7.41 | 12.7 | Yes | 17 |
| 2) 23:00 | 1.01 | 12825 | 12953.3 | 17.9 | 7.26 | 12.4 | Yes | 17 |
| 3) 8:00 | 1.00 | 12993 | 12993.0 | 17.8 | 7.25 | 12.4 | Yes | 17 |
| 4) 9:00 | 0.90 | 12740 | 11466.0 | 17.9 | 7.05 | 11.3 | Yes | 17 |
| 5) 1:00 | 0.90 | 13078 | 11770.2 | 17.6 | 7.03 | 11.4 | Yes | 17 |
| 6) 23:00 | 0.90 | 12487 | 11238.3 | 17.7 | 6.91 | 10.9 | Yes | 17 |
| 7) 23:00 | 0.68 | 11981 | 8147.1 | 17.8 | 7.31 | 12.2 | Yes | 17 |
| 8) 17:00 | 0.58 | 11812 | 6851.0 | 17.5 | 7.35 | 12.5 | Yes | 17 |
| 9) 1:00 | 0.86 | 13247 | 11392.4 | 16.5 | 7.48 | 14.5 | Yes | 17 |
| 10) 23:00 | 1.06 | 12909 | 13683.5 | 16.5 | 7.10 | 12.9 | Yes | 17 |
| 11) 1:00 | 1.04 | 13331 | 13864.2 | 16.3 | 7.10 | 13.0 | Yes | 17 |
| 12) 23:00 | 1.04 | 12825 | 13338.0 | 16.2 | 7.07 | 13.0 | Yes | 17 |
| 13) 23:00 | 0.90 | 12234 | 11010.6 | 16.3 | 7.07 | 12.7 | Yes | 17 |
| 14) 11:00 | 0.78 | 11981 | 9345.2 | 16.6 | 7.25 | 13.1 | Yes | 17 |
| 15) 23:00 | 0.88 | 13331 | 11731.3 | 15.6 | 7.14 | 13.6 | Yes | 17 |
| 16) 17:00 | 0.86 | 12740 | 10956.4 | 15.6 | 7.18 | 13.8 | Yes | 17 |
| 17) 10:00 | 0.90 | 13331 | 11997.9 | 15.0 | 7.16 | 14.3 | Yes | 17 |
| 18) 14:00 | 0.88 | 13078 | 11508.6 | 15.2 | 7.17 | 14.1 | Yes | 17 |
| 19) 1:00 | 1.08 | 13331 | 14397.5 | 14.4 | 7.01 | 14.4 | Yes | 17 |
| 20) 23:00 | 1.00 | 12656 | 12656.0 | 14.6 | 6.98 | 13.9 | Yes | 17 |
| 21) 14:00 | 0.88 | 12318 | 10839.8 | 15.0 | 7.30 | 15.0 | Yes | 17 |
| 22) 2:00 | 1.12 | 12318 | 13796.2 | 13.8 | 7.04 | 15.2 | Yes | 17 |
| 23) 23:00 | 0.98 | 12065 | 11823.7 | 14.4 | 7.17 | 15.1 | Yes | 17 |
| 24) 10:00 | 0.92 | 13331 | 12264.5 | 13.3 | 7.00 | 15.1 | Yes | 17 |
| 25) 6:00 | 0.96 | 13078 | 12554.9 | 13.5 | 7.20 | 16.1 | Yes | 17 |
| 26) 1:00 | 0.98 | 13331 | 13064.4 | 13.9 | 7.24 | 16.0 | Yes | 17 |
| 27) 23:00 | 0.94 | 12740 | 11975.6 | 13.5 | 7.05 | 15.2 | Yes | 17 |
| 28) 12:00 | 0.90 | 12487 | 11238.3 | 14.0 | 7.31 | 16.1 | Yes | 17 |
| 29) 2:00 | 1.00 | 13247 | 13247.0 | 12.7 | 6.89 | 15.2 | Yes | 17 |
| 30) 14:00 | 0.96 | 13078 | 12554.9 | 13.7 | 7.18 | 15.8 | Yes | 17 |
| 31) | | | 0.0 | | | 4.2 | | |

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

Revised February 2012