

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

County:

Name: Midland Water ID #41: 01139 WTP-: Month/Year: Sept 2021

| 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 | .07 | .07 | .07 | .06 | .06 | .08 | .08 |
| 2 | .06 | .06 | .06 | .06 | .06 | .07 | .08 |
| 3 | .08 | .07 | .06 | .05 | .08 | .07 | .07 |
| 4 | .07 | .06 | .06 | .06 | .06 | .06 | .07 |
| 5 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 6 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 7 | .07 | .07 | .07 | .06 | .07 | .07 | .07 |
| 8 | .07 | .07 | .06 | .07 | .07 | .07 | .07 |
| 9 | .06 | .07 | .07 | .07 | .06 | .07 | .07 |
| 10 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 11 | .06 | .07 | .06 | .07 | .07 | .07 | .07 |
| 12 | .07 | .07 | .07 | .06 | .07 | .07 | .07 |
| 13 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 14 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 15 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 16 | .07 | .06 | .07 | .07 | .07 | .07 | .07 |
| 17 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 18 | .07 | .07 | .07 | .06 | .07 | .07 | .07 |
| 19 | .07 | .07 | .06 | .07 | .07 | .07 | .07 |
| 20 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 21 | .07 | .06 | .07 | .06 | .07 | .07 | .07 |
| 22 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 23 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 24 | .07 | .06 | .06 | .07 | .07 | .07 | .07 |
| 25 | .07 | .07 | .07 | .06 | .06 | .07 | .07 |
| 26 | .07 | .07 | .07 | .07 | .06 | .07 | .07 |
| 27 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 28 | .06 | .07 | .07 | .07 | .07 | .07 | .07 |
| 29 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 30 | .07 | .07 | .07 | .07 | .07 | .07 | .07 |
| 31 | | | | | | | |

| | | |
|--|---|--|
| Conventional or Direct Filtration Monthly Summary 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <u>Yes/No</u> All the 4-hour turbidity readings ≤ 1 NTU? <u>Yes/No</u> All turbidity readings < IFE ² triggers? <u>Yes/No</u> | Monthly Summary (Answer Yes or No) | |
| | CT's met everyday? (see back) <u>Yes/No</u> | All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <u>Yes/No</u> |
| Notes: | PRINTED NAME: <u>David Burch</u> | |
| | SIGNATURE: <u>[Signature]</u> | DATE: <u>10-3-21</u> |
| | PHONE #: <u>(503) 858-0259</u> | CERT #: |

¹ Including continuous turbidity 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. (OAR 333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program – Surface Water Quality Data Form - Giardia Inactivation

Name: Midland Water ID #41: 01139 WTP-: _____ Month/Year: Sept 2021 Log Requirement (Circle One): 0.5 1.0

| Date / Time | Minimum Cl ₂ Residual at 1 st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|------------------|---|------------------|-----------|-------|-----|-------------|----------------------|-------------------------|
| <u>Sept 2021</u> | [ppm or mg/L] | [minutes] | C X T | [° C] | | Use tables | Yes / No | [GPM] |
| 11 7P | 1.02 | 68 | 69 | 14 | 8.1 | 45 | YES | 71 |
| 21 6:30P | 1.04 | 74 | 77 | 14 | 8.0 | 45 | YES | 72 |
| 31 7:30P | .97 | 74 | 72 | 14 | 7.9 | 45 | YES | 74 |
| 41 7P | .97 | 74 | 73 | 14 | 7.8 | 45 | YES | 77 |
| 51 8P | 1.01 | 74 | 75 | 14 | 7.7 | 45 | YES | 75 |
| 61 7:30P | .98 | 74 | 73 | 14 | 7.6 | 45 | YES | 73 |
| 71 7P | .92 | 81 | 75 | 14 | 7.8 | 45 | YES | 78 |
| 81 9P | .99 | 74 | 73 | 14 | 7.7 | 45 | YES | 77 |
| 91 8P | 1.01 | 75 | 76 | 14 | 7.8 | 45 | YES | 77 |
| 101 7P | 1.02 | 68 | 69 | 14 | 7.8 | 45 | YES | 71 |
| 111 8P | .98 | 73 | 72 | 15 | 7.9 | 45 | YES | 73 |
| 121 8:30P | .97 | 74 | 72 | 14 | 7.8 | 45 | YES | 74 |
| 131 8P | .99 | 75 | 74 | 14 | 7.8 | 45 | YES | 72 |
| 141 7P | .97 | 74 | 72 | 14 | 7.9 | 45 | YES | 74 |
| 151 7:30P | .98 | 78 | 76 | 14 | 7.8 | 45 | YES | 74 |
| 161 8P | .98 | 74 | 73 | 14 | 7.8 | 45 | YES | 73 |
| 171 7P | 1.01 | 74 | 75 | 14 | 7.8 | 45 | YES | 75 |
| 181 8P | .91 | 74 | 67 | 14 | 7.8 | 45 | YES | 77 |
| 191 9P | .97 | 77 | 69 | 14 | 7.8 | 45 | YES | 74 |
| 201 8P | .87 | 79 | 69 | 14 | 7.8 | 45 | YES | 72 |
| 211 8:30P | .98 | 73 | 72 | 15 | 7.8 | 45 | YES | 73 |
| 221 7:30P | .92 | 69 | 64 | 14 | 7.8 | 45 | YES | 72 |
| 231 7P | .97 | 74 | 72 | 14 | 7.8 | 45 | YES | 77 |
| 241 7P | 1.02 | 68 | 69 | 14 | 7.8 | 45 | YES | 71 |
| 251 7:30P | .97 | 74 | 72 | 15 | 7.8 | 45 | YES | 74 |
| 261 9P | .98 | 74 | 73 | 14 | 7.8 | 45 | YES | 73 |
| 271 12:30P | .98 | 73 | 72 | 14 | 7.9 | 45 | YES | 73 |
| 281 7P | .98 | 78 | 76 | 14 | 7.8 | 45 | YES | 74 |
| 291 8P | .97 | 74 | 72 | 14 | 7.8 | 45 | YES | 75 |
| 301 5:30P | 1.01 | 74 | 75 | 14 | 7.8 | 45 | YES | 75 |
| 31 / | | | | | | | | |

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours
 Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf Revised September 2016

Return by 10th of following month by email, fax, or mail to:
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350