

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

County: *Columbia*

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

| DAY | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the Day <sup>1</sup> [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1   | .03         | .03        | .03        | .03        | .03        | .03        | .04   |
| 2   | .03         | .03        | .04        | .04        | .03        | .03        | .04   |
| 3   | .03         | .03        | .03        | .03        | .03        | .03        | .03   |
| 4   | .03         | .03        | .03        | .03        | .04        | .04        | .04   |
| 5   | .04         | .03        | .03        | .03        | .04        | .04        | .04   |
| 6   | .04         | .03        | .03        | .04        | .04        | .04        | .04   |
| 7   | .04         | .04        | .04        | .04        | .04        | .04        | .04   |
| 8   | .03         | .03        | .04        | .04        | .04        | .04        | .04   |
| 9   | .04         | .04        | .04        | .04        | .04        | .04        | .04   |
| 10  | .04         | .04        | .04        | .03        | .03        | .04        | .04   |
| 11  | .03         | .03        | .03        | .03        | .03        | .03        | .03   |
| 12  | .03         | .03        | .03        | .03        | .03        | .03        | .03   |
| 13  | .03         | .03        | .03        | .04        | .03        | .03        | .04   |
| 14  | .03         | .03        | .03        | .04        | .04        | .04        | .04   |
| 15  | .04         | .03        | .04        | .04        | .05        | .05        | .05   |
| 16  | .05         | .06        | .06        | .06        | .06        | .07        | .07   |
| 17  | .07         | .07        | .07        | .07        | .08        | .08        | .08   |
| 18  | .08         | .08        | .08        | .08        | .09        | .09        | .09   |
| 19  | .06         | .05        | .05        | .05        | .05        | .05        | .06   |
| 20  | .04         | .04        | .04        | .05        | .05        | .05        | .05   |
| 21  | .04         | .04        | .04        | .04        | .04        | .04        | .04   |
| 22  | .03         | .02        | .02        | .02        | .04        | .04        | .04   |
| 23  | .03         | .02        | .02        | .02        | .03        | .03        | .03   |
| 24  | .03         | .03        | .03        | .04        | .03        | .03        | .04   |
| 25  | .03         | .04        | .04        | .04        | .04        | .04        | .04   |
| 26  | .03         | .03        | .04        | .04        | .03        | .04        | .04   |
| 27  | .04         | .04        | .04        | .04        | .03        | .04        | .04   |
| 28  | .04         | .04        | .04        | .05        | .04        | .04        | .05   |
| 29  | .04         | .04        | .04        | .04        | .04        | .04        | .04   |
| 30  | .04         | .04        | .05        | .05        | .05        | .04        | .05   |
| 31  | .04         | .04        | .04        | .05        | .05        | .05        | .05   |

|   |  |                     |
|---|--|---------------------|
| <b>Conventional or Direct Filtration</b><br><b>Monthly Summary</b><br>95% of the 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No<br>All the 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No<br>All turbidity readings < IFE <sup>2</sup> triggers? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No <sup>2</sup> | <b>Monthly Summary (Answer Yes or No)</b><br>CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No<br>All Cl <sub>2</sub> residuals at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |                     |
| <b>Notes:</b>   | PRINTED NAME: <i>David Burch</i>   |                     |
|   | SIGNATURE: <i>[Signature]</i>  | DATE: <i>9-4-21</i> |
|   | PHONE #: <i>(503) 858-0259</i>   | CERT #:             |

<sup>1</sup> 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. <sup>2</sup> 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: *Aug 2021* Log Requirement (Circle One): 0.5 **1.0**

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>3</sup> | Contact Time (T) | Actual CT | Temp  | pH  | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|-------|-----|-------------|----------------------|-------------------------|
|             | [ppm or mg/L]   | [minutes]        | C X T     | [° C] |     | Use tables  | Yes / No             | [GPM]                   |
| 11 2P       | .85   | 69               | 59        | 17    | 7.0 | 30          | Y                    | 63                      |
| 21 4P       | .77   | 86               | 66        | 17    | 7.2 | 29          | Y                    | 63                      |
| 31 5P       | .76   | 86               | 65        | 17    | 7.2 | 29          | Y                    | 63                      |
| 41 4P       | .78   | 86               | 67        | 16    | 7.2 | 29          | Y                    | 63                      |
| 51 3P       | .81   | 86               | 69        | 16    | 7.2 | 30          | Y                    | 63                      |
| 61 5P       | .79   | 86               | 68        | 16    | 7.3 | 29          | Y                    | 63                      |
| 71 3P       | .82   | 86               | 70        | 15    | 7.2 | 30          | Y                    | 63                      |
| 81 4P       | .76   | 86               | 65        | 15    | 7.2 | 29          | Y                    | 63                      |
| 91 4P       | .79   | 86               | 65        | 15    | 7.2 | 29          | Y                    | 64                      |
| 10 14:30P   | .78   | 84               | 67        | 15    | 7.1 | 29          | Y                    | 76                      |
| 11 12P      | .89   | 70               | 62        | 16    | 7.1 | 30          | Y                    | 70                      |
| 12 14P      | .79   | 77               | 61        | 16    | 7.2 | 29          | Y                    | 70                      |
| 13 14P      | .78   | 77               | 60        | 16    | 7.2 | 29          | Y                    | 70                      |
| 14 13P      | .81   | 77               | 62        | 17    | 7.1 | 30          | Y                    | 60                      |
| 15 15P      | .76   | 90               | 68        | 17    | 7.2 | 29          | Y                    | 61                      |
| 16 17:30P   | .71   | 89               | 63        | 17    | 7.1 | 29          | Y                    | 72                      |
| 17 15P      | .78   | 75               | 58        | 17    | 7.2 | 29          | Y                    | 69                      |
| 18 15:30P   | .81   | 77               | 63        | 16    | 7.2 | 30          | Y                    | 62                      |
| 19 16:30P   | .80   | 86               | 69        | 15    | 7.1 | 30          | Y                    | 62                      |
| 20 16P      | .78   | 89               | 70        | 16    | 7.1 | 29          | Y                    | 60                      |
| 21 17P      | .77   | 88               | 68        | 16    | 7.2 | 29          | Y                    | 61                      |
| 22 15P      | .79   | 88               | 69        | 16    | 7.2 | 29          | Y                    | 64                      |
| 23 10A      | .82   | 84               | 69        | 15    | 7.2 | 30          | Y                    | 64                      |
| 24 16P      | .80   | 86               | 69        | 16    | 7.2 | 30          | Y                    | 62                      |
| 25 17P      | .77   | 84               | 65        | 16    | 7.2 | 29          | Y                    | 64                      |
| 26 15P      | .82   | 85               | 70        | 16    | 7.1 | 30          | Y                    | 63                      |
| 27 14:30P   | .85   | 84               | 71        | 17    | 7.2 | 30          | Y                    | 64                      |
| 28 15P      | .82   | 87               | 71        | 16    | 7.2 | 30          | Y                    | 62                      |
| 29 16P      | .77   | 85               | 66        | 16    | 7.2 | 29          | Y                    | 63                      |
| 30 12A      | .80   | 86               | 68        | 15    | 7.2 | 30          | Y                    | 63                      |
| 31 15P      | .82   | 84               | 69        | 16    | 7.2 | 30          | Y                    | 64                      |

<sup>3</sup> If Cl<sub>2</sub> 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](http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf) Revised September 2016

Return by 10<sup>th</sup> 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