

**OHA - Drinking Water Services - Surface Water Quality Data Form**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems**

County: **Marion**  
 Month/Year: **Jan-21**

System Name: **Gates, City of** ID#: **41 00317** WTP : TP - **A**

| 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   |             |            |            |            |            |            | Plant Off                                     |
| 2   |             |            |            | 0.08       |            |            | 0.08  |
| 3   |             |            |            |            |            |            | Plant Off                                     |
| 4   |             |            |            | 0.08       |            |            | 0.08  |
| 5   |             |            |            |            |            |            | Plant Off                                     |
| 6   |             |            |            |            |            |            | Plant Off                                     |
| 7   |             |            |            | 0.08       |            |            | 0.08  |
| 8   |             |            |            |            |            |            | Plant Off                                     |
| 9   |             |            |            |            |            |            | Plant Off                                     |
| 10  |             |            |            | 0.08       |            |            | 0.08  |
| 11  |             |            |            |            |            |            | Plant Off                                     |
| 12  |             |            |            |            |            |            | Plant Off                                     |
| 13  |             |            |            | 0.03       |            |            | 0.03  |
| 14  |             |            |            |            |            |            | Plant Off                                     |
| 15  |             |            |            |            |            |            | Plant Off                                     |
| 16  |             |            |            | 0.03       |            |            | 0.03  |
| 17  |             |            |            |            |            |            | Plant Off                                     |
| 18  |             |            |            |            |            |            | Plant Off                                     |
| 19  |             |            |            | 0.03       |            |            | 0.03  |
| 20  |             |            |            |            |            |            | Plant Off                                     |
| 21  |             |            |            |            |            |            | Plant Off                                     |
| 22  |             |            |            |            |            |            | Plant Off                                     |
| 23  |             |            |            | 0.03       |            |            | 0.03  |
| 24  |             |            |            |            |            |            | Plant Off                                     |
| 25  |             |            |            |            |            |            | Plant Off                                     |
| 26  |             |            |            | 0.03       |            |            | 0.03  |
| 27  |             |            |            |            |            |            | Plant Off                                     |
| 28  |             |            |            |            |            |            | Plant Off                                     |
| 29  |             |            |            | 0.03       |            |            | 0.03  |
| 30  |             |            |            |            |            |            | Plant Off                                     |
| 31  |             |            |            |            |            |            | Plant Off                                     |

|   |            |  |   |
|---|------------|--|---|
| <b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>    |            | <b>Monthly Summary (Answer Yes or No)</b>  |   |
| 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> | <b>Yes</b> | CT's met everyday? (see back)              | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU?                 | <b>Yes</b> | <b>Yes</b>                                 | <b>Yes</b>  |
| <b>Notes:</b>   |            | <b>PRINTED NAME: Gregory R Benthin</b>     |   |
|   |            | <b>SIGNATURE:</b> <i>Gregory R Benthin</i> | <b>DATE: 2/1/21</b>                                     |
|   |            | <b>PHONE #: (503) 897-2669</b>             | <b>CERT #: 5244</b>                                     |

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : A

System Name: Gates, City of ID#: 41 00317 Month/Year: Jan-21

Disinfection *Giardia* Log Inactiv: 0.5

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1st 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] |      | formula     | Yes / No             | [GPM]                   |
| 1           |   |                  |           |       |      |             |                      | Plant Off               |
| 2/1:15pm    | 0.96  | 120              | 115.2     | 8.6   | 7.70 | 27.0        | Yes                  | 210                     |
| 3           |   |                  |           |       |      |             |                      | Plant Off               |
| 4/3:20 pm   | 1.16  | 120              | 139.2     | 13.1  | 7.63 | 19.9        | Yes                  | 210                     |
| 5           |   |                  |           |       |      |             |                      | Plant Off               |
| 6           |   |                  |           |       |      |             |                      | Plant Off               |
| 7/4:00 pm   | 1.14  | 120              | 136.8     | 13.0  | 7.67 | 20.3        | Yes                  | 210                     |
| 8           |   |                  |           |       |      |             |                      | Plant Off               |
| 9           |   |                  |           |       |      |             |                      | Plant Off               |
| 10/1:00 pm  | 0.92  | 120              | 110.4     | 11.3  | 7.81 | 23.3        | Yes                  | 210                     |
| 11          |   |                  |           |       |      |             |                      | Plant Off               |
| 12          |   |                  |           |       |      |             |                      | Plant Off               |
| 13/3:10 pm  | 1.09  | 120              | 130.8     | 13.4  | 7.59 | 19.0        | Yes                  | 210                     |
| 14          |   |                  |           |       |      |             |                      | Plant Off               |
| 15          |   |                  |           |       |      |             |                      | Plant Off               |
| 16/1:30 pm  | 1.62  | 120              | 194.4     | 12.0  | 8.34 | 29.1        | Yes                  | 210                     |
| 17          |   |                  |           |       |      |             |                      | Plant Off               |
| 18          |   |                  |           |       |      |             |                      | Plant Off               |
| 19/2:30 pm  | 1.38  | 120              | 165.6     | 13.1  | 7.75 | 21.3        | Yes                  | 210                     |
| 20          |   |                  |           |       |      |             |                      | Plant Off               |
| 21          |   |                  |           |       |      |             |                      | Plant Off               |
| 22          |   |                  |           |       |      |             |                      | Plant Off               |
| 23/2:15 pm  | 1.17  | 120              | 140.4     | 10.8  | 7.70 | 23.8        | Yes                  | 210                     |
| 24          |   |                  |           |       |      |             |                      | Plant Off               |
| 25          |   |                  |           |       |      |             |                      | Plant Off               |
| 26/4:15 pm  | 1.09  | 120              | 130.8     | 12.0  | 7.69 | 21.8        | Yes                  | 210                     |
| 27          |   |                  |           |       |      |             |                      | Plant Off               |
| 28          |   |                  |           |       |      |             |                      | Plant Off               |
| 29/3:05 pm  | 1.01  | 120              | 121.2     | 12.2  | 7.71 | 21.4        | Yes                  | 210                     |
| 30          |   |                  |           |       |      |             |                      | Plant Off               |
| 31          |   |                  |           |       |      |             |                      | Plant Off               |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.