

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

County: **Marion**  
 Month/Year: **22-Oct**

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   |             |            |            |            | 0.03       |            | 0.03  |
| 2   |             |            |            |            |            |            | Plant Off                                     |
| 3   |             |            |            |            |            | 0.03       | 0.03  |
| 4   |             | 0.03       |            |            |            |            | 0.03  |
| 5   |             |            |            |            | 0.03       |            | 0.03  |
| 6   |             |            |            |            |            |            | Plant Off                                     |
| 7   |             |            |            |            | 0.03       |            | 0.03  |
| 8   |             |            |            | 0.03       |            |            | 0.03  |
| 9   |             |            |            |            |            |            | Plant Off                                     |
| 10  |             |            |            |            | 0.03       |            |   |
| 11  |             |            | 0.03       |            |            |            |   |
| 12  |             |            |            |            |            |            | Plant Off                                     |
| 13  |             |            |            |            | 0.03       |            | 0.03  |
| 14  |             |            | 0.03       |            |            |            | 0.03  |
| 15  |             |            |            |            | 0.03       |            | 0.03  |
| 16  |             |            |            |            |            |            | Plant Off                                     |
| 17  |             |            |            |            |            | 0.03       | 0.03  |
| 18  |             |            |            | 0.03       |            |            | 0.03  |
| 19  |             |            |            |            | 0.03       |            | 0.03  |
| 20  |             |            |            |            |            |            | Plant Off                                     |
| 21  |             |            |            |            | 0.03       |            | 0.03  |
| 22  |             |            |            |            |            |            | Plant Off                                     |
| 23  |             |            |            |            | 0.03       |            | 0.03  |
| 24  |             |            |            |            |            |            | Plant Off                                     |
| 25  |             |            |            | 0.03       |            |            | 0.03  |
| 26  |             |            |            |            |            |            | Plant Off                                     |
| 27  |             |            |            | 0.03       |            |            | 0.03  |
| 28  |             |            |            |            |            |            | Plant Off                                     |
| 29  |             |            |            | 0.04       |            |            | 0.04  |
| 30  |             |            |            |            |            |            | Plant Off                                     |
| 31  |             |            |            | 0.04       |            |            | 0.04  |

| Slow Sand/Membrane/DE Filtration/Unfiltered                      | Monthly Summary (Answer Yes or No)       |  |
|--|--|--|
| 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> <b>Yes</b> | CT's met everyday? (see back) <b>Yes</b> | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <b>Yes</b> |
| All daily turbidity readings ≤ 5 NTU? <b>Yes</b>                 |  |  |

|               |  |                        |
|---------------|--|------------------------|
| <b>Notes:</b> | <b>PRINTED NAME: Gregory R Benthin</b>     |                        |
|               | <b>SIGNATURE:</b> <i>Gregory R Benthin</i> | <b>DATE: 11/2/2022</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: 22-Oct 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]                   |
| 1/1:15 pm   | 1.14  | 120              | 136.8     | 17.4  | 8.24 | 18.7        | Yes                  | 210                     |
| 2           |   |                  |           |       |      |             |                      | Plant Off               |
| 3/4:30 pm   | 0.97  | 120              | 116.4     | 21.2  | 8.21 | 14.1        | Yes                  | 210                     |
| 4/1:30 am   | 1.13  | 120              | 135.6     | 5.0   | 8.01 | 39.4        | Yes                  | 210                     |
| 5/2:20 pm   | 0.95  | 120              | 114.0     | 19.5  | 8.02 | 14.6        | Yes                  | 210                     |
| 6           |   |                  |           |       |      |             |                      | Plant Off               |
| 7/4:10 pm   | 0.9   | 120              | 108.0     | 20.8  | 8.04 | 13.4        | Yes                  | 210                     |
| 8/12:30 pm  | 1.28  | 120              | 153.6     | 19.3  | 8.12 | 16.0        | Yes                  | 210                     |
| 9           |   |                  |           |       |      |             |                      | Plant Off               |
| 10/4:40 pm  | 0.88  | 120              | 105.6     | 21.2  | 7.96 | 12.7        | Yes                  | 210                     |
| 11/8:15 am  | 1.57  | 120              | 188.4     | 5.0   | 7.91 | 40.0        | Yes                  | 210                     |
| 12          |   |                  |           |       |      |             |                      | Plant Off               |
| 13/4:40     | 0.88  | 120              | 105.6     | 21.4  | 7.97 | 12.6        | Yes                  | 210                     |
| 14/4:00 am  | 0.89  | 120              | 106.8     | 5.0   | 7.97 | 37.7        | Yes                  | 210                     |
| 15/1:15 pm  | 0.79  | 120              | 94.8      | 19.0  | 7.95 | 14.5        | Yes                  | 210                     |
| 16          |   |                  |           |       |      |             |                      | Plant Off               |
| 17/5:00 pm  | 1.12  | 120              | 134.4     | 20.3  | 8.07 | 14.4        | Yes                  | 210                     |
| 18/12:30 am | 1.38  | 120              | 165.6     | 5.0   | 7.99 | 40.3        | Yes                  | 210                     |
| 19/4:30 pm  | 1.02  | 120              | 122.4     | 20.7  | 7.91 | 13.1        | Yes                  | 210                     |
| 20          |   |                  |           |       |      |             |                      | Plant Off               |
| 21/1:45 pm  | 0.75  | 120              | 90.0      | 17.6  | 8.07 | 16.5        | Yes                  | 210                     |
| 22          |   |                  |           |       |      |             |                      | Plant Off               |
| 23/1:30 pm  | 1.17  | 120              | 140.4     | 17.3  | 8.31 | 19.3        | Yes                  | 210                     |
| 24          |   |                  |           |       |      |             |                      | Plant Off               |
| 25/12:35 am | 1.32  | 120              | 158.4     | 17.7  | 8.27 | 18.9        | Yes                  | 210                     |
| 26          |   |                  |           |       |      |             |                      | Plant Off               |
| 27/2:15 pm  | 0.71  | 120              | 85.2      | 17.6  | 8.15 | 17.0        | Yes                  | 210                     |
| 28          |   |                  |           |       |      |             |                      | Plant Off               |
| 29/1:15 pm  | 1.22  | 120              | 146.4     | 15.7  | 8.22 | 20.9        | Yes                  | 210                     |
| 30          |   |                  |           |       |      |             |                      | Plant Off               |
| 31/1:35 pm  | 1.02  | 120              | 122.4     | 17.8  | 8.33 | 18.5        | Yes                  | 210                     |

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

Revised October 2013