

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

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

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

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

|               |                                     |            |
|---------------|-------------------------------------|------------|
| <b>Notes:</b> | <b>Gregory R Benthin</b>            |            |
|               | SIGNATURE: <i>Gregory R Benthin</i> | 4/1/2022   |
|               | PHONE #: ( 503 )897-2669            | CERT# 5244 |

<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-Mar

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]                   |
| 1/3:45 pm   | 0.99  | 120              | 118.8     | 16.6  | 8.71 | 23.0        | Yes                  | 210                     |
| 2           |   |                  |           |       |      |             |                      | Plant off               |
| 3           |   |                  |           |       |      |             |                      | Plant off               |
| 4/1:15 pm   | 0.71  | 120              | 85.2      | 15.7  | 8.38 | 21.0        | Yes                  | 210                     |
| 5           |   |                  |           |       |      |             |                      | Plant off               |
| 6           |   |                  |           |       |      |             |                      | Plant off               |
| 7/1:15 pm   | 0.95  | 120              | 114.0     | 16.2  | 8.77 | 24.0        | Yes                  | 210                     |
| 8           |   |                  |           |       |      |             |                      | Plant off               |
| 9           |   |                  |           |       |      |             |                      | Plant off               |
| 10/1:05 pm  | 0.86  | 120              | 103.2     | 16.5  | 8.81 | 23.7        | Yes                  | 210                     |
| 11          |   |                  |           |       |      |             |                      | Plant off               |
| 12/1:00 pm  | 0.59  | 120              | 70.8      | 16.8  | 8.99 | 24.0        | Yes                  | 210                     |
| 13          |   |                  |           |       |      |             |                      | Plant off               |
| 14          |   |                  |           |       |      |             |                      | Plant off               |
| 15/1:00 pm  | 0.63  | 120              | 75.6      | 5.0   | 8.48 | 44.1        | Yes                  | 210                     |
| 16/5:00 am  | 0.79  | 120              | 94.8      | 5.0   | 8.31 | 42.2        | Yes                  | 210                     |
| 17          |   |                  |           |       |      |             |                      | Plant off               |
| 18/1:10 pm  | 0.58  | 120              | 69.6      | 16.0  | 8.68 | 22.6        | Yes                  | 210                     |
| 19          |   |                  |           |       |      |             |                      | Plant off               |
| 20          |   |                  |           |       |      |             |                      | Plant off               |
| 21/1:40 pm  | 0.51  | 120              | 61.2      | 15.9  | 8.72 | 22.9        | Yes                  | 210                     |
| 22          |   |                  |           |       |      |             |                      | Plant off               |
| 23          |   |                  |           |       |      |             |                      | Plant off               |
| 24/1:00 pm  | 0.69  | 120              | 82.8      | 17.3  | 8.59 | 20.3        | Yes                  | 210                     |
| 25          |   |                  |           |       |      |             |                      | Plant off               |
| 26/1:00 pm  | 0.53  | 120              | 63.6      | 17.6  | 8.84 | 21.4        | Yes                  | 210                     |
| 27          |   |                  |           |       |      |             |                      | Plant off               |
| 28/2:30 pm  | 0.46  | 120              | 55.2      | 16.8  | 8.83 | 22.3        | Yes                  | 210                     |
| 29          |   |                  |           |       |      |             |                      | Plant off               |
| 30          |   |                  |           |       |      |             |                      | Plant off               |
| 31/1:30 pm  | 0.5   | 120              | 60.0      | 17.6  | 8.70 | 20.3        | 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.