# OHA - DWS

## Membrane Filter Monthly Operating Report

County: **Marion**

System Name: **City of Gates** Month/Year: **Sept. 2025**

PWS ID#: 41 - **00317** Minimum test pressure **applied**: **10.7** psi

Plant ID: WTP - **A** Minimum test pressure **req'd**: **10.5** psi

*(e.g., "A")*

*DIT = Direct Integrity Test* on filter(s) [Yes, No, or "off" if all filters are offline] ⇨

*PDR = Pressure Decay Rate*

*LRC = Log Removal Credit*

| $PDR_{Max}$ [$^{psi}/_{min}$] | LRC [log removal] | DIT Daily |
|---|---|---|
| 0.230 | 4.00 | |

| Day | CFE Daily Turbidity [NTU] | Highest CFE♣ [NTU] | Highest IFE [NTU] (>15 minutes) | Highest PDR of day [$^{psi}/_{min}$] | Lowest $LRV_{ambient}$ of day [log removal] | [Y/N] or "off" |
|---|---|---|---|---|---|---|
| 1 | 0.030 | | | 0.110 | 4.77 | Y |
| 2 | 0.030 | | | 0.100 | 4.77 | Y |
| 3 | 0.034 | | | 0.100 | 4.77 | Y |
| 4 | 0.040 | | | 0.100 | 4.77 | Y |
| 5 | 0.040 | | | 0.100 | 4.77 | Y |
| 6 | | | | | | Off |
| 7 | 0.030 | | | 0.110 | 4.77 | Y |
| 8 | 0.038 | | | 0.120 | 4.77 | Y |
| 9 | 0.038 | | | 0.100 | 4.77 | Y |
| 10 | | | | | | Off |
| 11 | 0.040 | | | 0.110 | 4.77 | Y |
| 12 | | | | | | Off |
| 13 | 0.038 | | | 0.090 | 4.77 | Y |
| 14 | 0.040 | | | 0.070 | 4.77 | Y |
| 15 | 0.038 | | | 0.080 | 4.77 | Y |
| 16 | | | | | | Off |
| 17 | 0.039 | | | 0.090 | 4.77 | Y |
| 18 | 0.040 | | | 0.150 | 4.77 | Y |
| 19 | 0.041 | | | 0.080 | 4.77 | Y |
| 20 | 0.040 | | | 0.080 | 4.77 | Y |
| 21 | 0.040 | | | 0.080 | 4.77 | Y |
| 22 | 0.040 | | | 0.080 | 4.77 | Y |
| 23 | 0.040 | | | 0.080 | 4.77 | Y |
| 24 | 0.043 | | | 0.070 | 4.77 | Y |
| 25 | | | | | | Off |
| 26 | 0.030 | | | 0.080 | 4.77 | Y |
| 27 | | | | | | Off |
| 28 | 0.030 | | | 0.080 | 4.77 | Y |
| 29 | | | | | | Off |
| 30 | 0.030 | | | 0.080 | 4.77 | Y |
| 31 | | | | | | |

**Compliance summary (operator to complete any blank fields)**

| 95% of daily turbidity readings ≤ 1 NTU? [Y/N] | All turbidity readings ≤ 5 NTU? [Y/N] | All IFE turbidity readings ≤ 0.15 NTU? [Y/N] | Performance std met? [Y/N] (PDR ≤ $PDR_{Max}$, LRV ≥ LRC) | DIT Daily? |
|---|---|---|---|---|
| Yes | Yes | | Yes | Yes |

| CT's met daily? (p. 2) | All $Cl_2$ residual at EP ≥ 0.2 $^{mg}/_{L}$? | PDR ≤ $PDR_{Max}$? | $LRV_{ambient}$ ≥ LRC? |
|---|---|---|---|
| Yes | Yes | Yes | Yes |

**PRINTED NAME:** **Gregory R Benthin** **DATE:** 10/2/2025

**SIGNATURE:** Gregory R Benthin **WT CERT #:** 5244

**Notes:** **PHONE #:** **503-897-2668**





♣ *Used for optimization purposes only.*

# OHA-DWS

## Disinfection Monthly Operating Report

System Name: **City of Gates**

PWS ID#: 41 - **00317**

Plant ID : WTP - **A**

**0.5** ⇦ Log Inactivation Required via Disinfection

| Day | Minimum $Cl_2$ Residual at 1st User ( **C** ) ♦ [$^{mg}/_{L}$ = ppm] | Contact Time (**T**) [minutes] | Actual CT **C** x **T** (Formula) | Temp [° C] | pH | Required CT (Formula) | CT Met? ♦ [Yes / No] (Formula) | Peak Hourly Demand Flow [GPM] | Notes (e.g. "Plant Off") |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.230 | 120 | 267.6 | 10.0 | 7.80 | 29.5 | YES | 210 | 2:00 PM |
| 2 | 1.940 | 120 | 232.8 | 10.0 | 7.90 | 29.5 | YES | 210 | 3:00 PM |
| 3 | 1.290 | 120 | 154.8 | 21.1 | 7.69 | 12.1 | YES | 210 | 1:15 PM |
| 4 | 1.210 | 120 | 145.2 | 10.0 | 7.63 | 24.6 | YES | 210 | 9:10 AM |
| 5 | 1.510 | 120 | 181.2 | 19.8 | 7.66 | 13.4 | YES | 210 | 10:50 AM |
| 6 | | | | | | | | | Off |
| 7 | 1.740 | 120 | 208.8 | 20.3 | 7.64 | 13.2 | YES | 210 | 1:40 PM |
| 8 | 1.750 | 120 | 210.0 | 21.0 | 7.80 | 13.4 | YES | 210 | 3:30 PM |
| 9 | 1.340 | 120 | 160.8 | 22.0 | 7.65 | 11.3 | YES | 210 | 2:30 PM |
| 10 | | | | | | | | | Off |
| 11 | 0.940 | 120 | 112.8 | 19.2 | 7.72 | 13.3 | YES | 210 | 2:20 PM |
| 12 | | | | | | | | | Off |
| 13 | 0.980 | 120 | 117.6 | 20.4 | 7.75 | 12.5 | YES | 210 | 1:00 PM |
| 14 | 1.080 | 120 | 129.6 | 10.0 | 7.59 | 23.9 | YES | 210 | 1:40 PM |
| 15 | 0.860 | 120 | 103.2 | 20.1 | 7.56 | 11.7 | YES | 210 | 2:10 PM |
| 16 | | | | | | | | | Off |
| 17 | 1.180 | 120 | 141.6 | 21.0 | 7.58 | 11.5 | YES | 210 | 1:45 PM |
| 18 | 1.110 | 120 | 133.2 | 11.0 | 7.45 | 21.4 | YES | 210 | 1:00 AM |
| 19 | 0.860 | 120 | 103.2 | 21.9 | 7.68 | 10.9 | YES | 210 | 3:00 PM |
| 20 | 1.150 | 120 | 138.0 | 11.0 | 7.60 | 22.7 | YES | 210 | 1:30 PM |
| 21 | 0.850 | 120 | 102.0 | 19.1 | 7.59 | 12.7 | YES | 210 | 1:45 PM |
| 22 | 0.910 | 120 | 109.2 | 11.8 | 7.43 | 19.7 | YES | 210 | 4:00 PM |
| 23 | 0.920 | 120 | 110.4 | 17.9 | 7.52 | 13.5 | YES | 210 | 2:15 PM |
| 24 | 1.130 | 120 | 135.6 | 20.2 | 7.55 | 12.0 | YES | 210 | 1:50 PM |
| 25 | | | | | | | | | Off |
| 26 | 1.510 | 120 | 181.2 | 20.4 | 7.88 | 13.9 | YES | 210 | 3:00 PM |
| 27 | | | | | | | | | Off |
| 28 | 1.820 | 120 | 218.4 | 17.7 | 7.98 | 18.0 | YES | 210 | 1:20 PM |
| 29 | | | | | | | | | Off |
| 30 | 1.460 | 120 | 175.2 | 19.1 | 7.90 | 15.2 | YES | 210 | 3:30 PM |
| 31 | | | | | | | | | |

♦ If chlorine concentration at entry point < 0.2 $^{mg}/_{L}$, or CT not met, notify DWS within 24 hours.

**Submit this monthly report by the 10th of following month by**


**mail:** Drinking Water Services
PO Box 14350
Portland, OR 97293-0350

**email:** dwp.dmce@odhsoha.oregon.gov

**fax:** 971-673-0458