


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

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

System Name: **JEFFERSON, City of** ID#: **41 00408** WTP: **TP - WTP-A**

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day ¹ [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 2 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 3 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 4 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 5 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 6 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 7 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 8 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 9 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 10 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 11 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 12 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 13 | Off | Off | Off | Off | Off | Off | Off |
| 14 | Off | 0.01 | 0.01 | 0.01 | Off | Off | 0.01 |
| 15 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 16 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 17 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 18 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 19 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 20 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 21 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 22 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 23 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 24 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 25 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 26 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 27 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 28 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 29 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 30 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |
| 31 | Off | Off | 0.01 | 0.01 | Off | Off | 0.01 |

| | | |
|---|--|---|
| Slow Sand/Membrane/DE Filtration/Unfiltered | Monthly Summary (Answer Yes or No) | |
| 95% of daily turbidity readings \leq 1 NTU? ² Yes/ No | CT's met everyday? (see back) Yes/ No | All Cl2 residual at entry point \geq 0.2 mg/l? Yes/ No |
| All daily turbidity readings \leq 5 NTU? Yes/ No | | |

| | | |
|---------------|--|-------------------------|
| Notes: | PRINTED NAME: Alex Kemmer | |
| | SIGNATURE:  | DATE: 01/3/2022 |
| | PHONE #: (541) 327-1135 | CERT #: T-478768 |

¹ 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. ² Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : WTP-A

System Name: JEFFERSON, City of ID#: 41-00408 December 2021 Disinfection *Giardia* Log Inactiv: 0.5

| Date / Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|-------|------|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 1.09 | 35.1 | 38.3 | 11.1 | 6.93 | 17.7 | Yes | 700 |
| 2 | 1.03 | 35.1 | 36.2 | 11.6 | 6.93 | 17.0 | Yes | 700 |
| 3 | 1.05 | 35.1 | 36.9 | 10.2 | 7.15 | 20.2 | Yes | 700 |
| 4 | 1.05 | 35.1 | 36.9 | 10.5 | 7.14 | 19.7 | Yes | 700 |
| 5 | 1.05 | 35.1 | 36.9 | 9.7 | 7.17 | 21.0 | Yes | 700 |
| 6 | 1.03 | 35.1 | 36.2 | 10.5 | 7.10 | 19.4 | Yes | 700 |
| 7 | 0.98 | 35.1 | 34.4 | 10.0 | 7.09 | 19.9 | Yes | 700 |
| 8 | 1 | 35.1 | 35.1 | 10.6 | 7.28 | 20.5 | Yes | 700 |
| 9 | 1.02 | 35.1 | 35.8 | 9.5 | 7.06 | 20.4 | Yes | 700 |
| 10 | 1.03 | 35.1 | 36.2 | 9.0 | 7.08 | 21.3 | Yes | 700 |
| 11 | 0.95 | 35.1 | 33.3 | 9.0 | 7.10 | 21.2 | Yes | 700 |
| 12 | 0.96 | 35.1 | 33.7 | 8.8 | 7.15 | 21.9 | Yes | 700 |
| 13 | Off | 35.1 | #VALUE! | | | #VALUE! | Yes | 700 |
| 14 | 1.07 | 35.1 | 37.6 | 9.9 | 6.98 | 19.4 | Yes | 700 |
| 15 | 1.01 | 35.1 | 35.5 | 9.9 | 6.94 | 19.0 | Yes | 700 |
| 16 | 1.05 | 35.1 | 36.9 | 9.6 | 6.98 | 19.8 | Yes | 700 |
| 17 | 1.03 | 35.1 | 36.2 | 9.2 | 7.13 | 21.3 | Yes | 700 |
| 18 | 1.07 | 35.1 | 37.6 | 8.8 | 6.98 | 20.9 | Yes | 700 |
| 19 | 1.03 | 35.1 | 36.2 | 10.0 | 7.03 | 19.6 | Yes | 700 |
| 20 | 0.93 | 35.1 | 32.6 | 8.5 | 6.99 | 21.0 | Yes | 700 |
| 21 | 0.99 | 35.1 | 34.7 | 8.5 | 6.89 | 20.5 | Yes | 700 |
| 22 | 1.01 | 35.1 | 35.5 | 10.6 | 6.87 | 17.8 | Yes | 700 |
| 23 | 1.03 | 35.1 | 36.2 | 9.2 | 6.96 | 20.1 | Yes | 700 |
| 24 | 1.04 | 35.1 | 36.5 | 9.1 | 7.00 | 20.6 | Yes | 700 |
| 25 | 1.02 | 35.1 | 35.8 | 9.1 | 6.96 | 20.2 | Yes | 700 |
| 26 | 1.05 | 35.1 | 36.9 | 7.3 | 6.97 | 22.9 | Yes | 700 |
| 27 | 1.06 | 35.1 | 37.2 | 7.0 | 7.00 | 23.7 | Yes | 700 |
| 28 | 1.07 | 35.1 | 37.6 | 7.0 | 6.98 | 23.5 | Yes | 700 |
| 29 | 1.04 | 35.1 | 36.5 | 7.6 | 7.04 | 23.0 | Yes | 700 |
| 30 | 1.05 | 35.1 | 36.9 | 6.9 | 7.05 | 24.2 | Yes | 700 |
| 31 | 1.04 | 35.1 | 36.5 | 6.3 | 7.07 | 25.4 | Yes | 700 |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised July 2018

Return by 10th 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