

SWD 1

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

County: _____

Month/Year: February 2024

WTP: TP - _____

System Name: Detroit ID#: 41 00247

| 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 | 0.01 | 0.01 | | | | | |
| 2 | | | | | 0.01 | | 0.01 |
| 3 | | 0.01 | 0.01 | | 0.01 | 0.01 | 0.01 |
| 4 | | | | | 0.01 | 0.01 | 0.01 |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 | 0.01 |
| 7 | 0.01 | 0.01 | | 0.01 | 0.01 | | 0.01 |
| 8 | | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 |
| 9 | 0.01 | | 0.01 | 0.01 | | 0.01 | 0.01 |
| 10 | 0.01 | | 0.01 | 0.01 | | 0.01 | 0.01 |
| 11 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 12 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 13 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 14 | 0.01 | | 0.01 | 0.01 | | 0.01 | 0.01 |
| 15 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 16 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 17 | 0.01 | | 0.01 | 0.01 | 0.01 | | 0.01 |
| 18 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 | 0.01 |
| 19 | 0.01 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 |
| 20 | 0.01 | | | 0.01 | 0.01 | | 0.01 |
| 21 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | 0.01 |
| 22 | 0.01 | | 0.01 | 0.01 | | 0.01 | 0.01 |
| 23 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 | 0.01 |
| 24 | | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 |
| 25 | 0.01 | 0.01 | | 0.01 | 0.01 | | 0.01 |
| 26 | 0.01 | | | | 0.01 | | 0.01 |
| 27 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 28 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 29 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 | 0.01 |
| 30 | | | | | | | |
| 31 | | | | | | | |

Slow Sand/Membrane/DE Filtration/Unfiltered

95% of daily turbidity readings ≤ 1 NTU? ² Yes / No

All daily turbidity readings ≤ 5 NTU? Yes / No

Monthly Summary (Answer Yes or No)

CT's met everyday? (see back) Yes / No

All Cl₂ residual at entry point ≥ 0.2 mg/l? Yes / No

Notes:

PRINTED NAME: Robert Bruce

SIGNATURE: *Robert Bruce*

PHONE #: (503) 854-2496

DATE: 3-8-24

CERT #: 7130

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-:

System Name: Detroit

ID#: 4100257

Month/Year: 2-2024

Disinfection *Giardia* Log

Inactiv: 0.5 ~~1.0~~

| 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 | 1.3 | 66 | 85 | 11.5 | 7.7 | 28 | yes | 75 |
| 2 | 1.2 | 66 | 79 | 10.1 | 7.8 | 28 | yes | 75 |
| 3 | 1.0 | 66 | 66 | 9.0 | 7.8 | 36 | yes | 100 |
| 4 | 1.0 | 66 | 66 | 7.9 | 7.8 | 36 | yes | 150 |
| 5 | 1.0 | 66 | 66 | 7.9 | 7.9 | 36 | yes | 75 |
| 6 | 1.0 | 66 | 66 | 7.9 | 7.9 | 36 | yes | 75 |
| 7 | 1.2 | 66 | 79 | 7.2 | 7.9 | 36 | yes | 400 |
| 8 | 1.2 | 66 | 79 | 7.2 | 7.9 | 37 | yes | 400 |
| 9 | 1.2 | 66 | 79 | 6.7 | 7.9 | 37 | yes | 70 |
| 10 | 1.2 | 66 | 79 | 6.5 | 7.9 | 37 | yes | 90 |
| 11 | 1.2 | 66 | 79 | 6.6 | 7.9 | 37 | yes | 100 |
| 12 | 1.2 | 66 | 79 | 6.5 | 7.9 | 37 | yes | 75 |
| 13 | 1.3 | 66 | 85 | 6.2 | 8.0 | 37 | yes | 75 |
| 14 | 1.2 | 66 | 79 | 5.6 | 7.9 | 37 | yes | 75 |
| 15 | 1.2 | 66 | 79 | 5.6 | 7.9 | 37 | yes | 125 |
| 16 | 1.1 | 66 | 72 | 5.2 | 7.9 | 37 | yes | 75 |
| 17 | 1.1 | 66 | 72 | 6.1 | 7.4 | 37 | yes | 100 |
| 18 | 1.2 | 66 | 79 | 6.4 | 7.5 | 37 | yes | 100 |
| 19 | 1.2 | 66 | 79 | 6.3 | 7.5 | 37 | yes | 140 |
| 20 | 1.1 | 66 | 72 | 6.2 | 7.5 | 37 | yes | 80 |
| 21 | 1.1 | 66 | 72 | 7.1 | 7.6 | 37 | yes | 75 |
| 22 | 1.2 | 66 | 79 | 7.2 | 7.4 | 37 | yes | 75 |
| 23 | 0.95 | 66 | 63 | 7.2 | 7.2 | 36 | yes | 75 |
| 24 | 1.1 | 66 | 72 | 7.3 | 7.5 | 37 | yes | 75 |
| 25 | 1.2 | 66 | 79 | 7.4 | 7.6 | 37 | yes | 45 |
| 26 | 1.2 | 66 | 79 | 7.1 | 7.3 | 37 | yes | 75 |
| 27 | 1.3 | 66 | 85 | 7.0 | 7.6 | 38 | yes | 75 |
| 28 | 1.3 | 66 | 85 | 7.3 | 7.7 | 38 | yes | 75 |
| 29 | 1.3 | 66 | 85 | 7.2 | 7.6 | 38 | yes | 75 |
| 30 | | | | | | | | |
| 31 | | | | | | | | |

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

Revised November 2022

Return by 10th of following month by email, fax, or mail to:
 dwp.dmce@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350