

**OHA - Drinking Water Services – Turbidity Monitoring Report Form County:
Slow Sand, Membrane, Diatomaceous Earth Filtration or Unfiltered Systems**

System Name: Detroit Water System ID #: 00257 WTP-: A Month/Year: June 2023

| 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 | | 0.01 | 0.01 | 0.01 |
| 2 | 0.01 | | 0.01 | | 0.01 | 0.01 | 0.01 |
| 3 | 0.01 | | | 0.01 | 0.01 | 0.01 | 0.01 |
| 4 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 5 | 0.01 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6 | 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 |
| 9 | 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 |
| 14 | 0.01 | 0.01 | 0.01 | 0.01 | | 0.01 | 0.01 |
| 15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 16 | 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 | 0.01 |
| 19 | | 0.01 | 0.01 | 0.01 | 0.01 | | 0.01 |
| 20 | 0.01 | | 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 |
| 23 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 24 | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 25 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 26 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 27 | 0.01 | 0.01 | 0.01 | | | 0.01 | 0.01 |
| 28 | 0.01 | 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 | 0.01 |
| 30 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 31 | | | | | | | |

| | | |
|--|--|--|
| Slow Sand Membrane/DE Filtration/Unfiltered Monthly Summary 95% of daily turbidity readings ≤ 1 NTU? ² <input checked="" type="checkbox"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / No | Monthly Summary (Answer Yes or No) | |
| | CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No | All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No |
| Notes: | PRINTED NAME: <u>Robert Bruce</u> | |
| | SIGNATURE: <u>[Signature]</u> | DATE: <u>7-3-23</u> |
| | PHONE #: <u>(503) 854-3490</u> | CERT #: <u>7136</u> |

¹ Including continuous turbidity 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 Program – Surface Water Quality Data Form - Giardia Inactivation

Name: Detroit water ID #41: 00257 WTP: Month/Year: 6-1-23 Log Requirement (Circle One): (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] | | Use tables | Yes / No | [GPM] |
| 1/06/18 | 1.0 | 66 | 66 | 9.5 | 8.2 | 43 | yes | 100 |
| 2/08/30 | 1.0 | 66 | 66 | 10.2 | 8.2 | 33 | yes | 100 |
| 3/09/26 | 1.1 | 66 | 72.6 | 10.9 | 7.2 | 23 | yes | 120 |
| 4/20/00 | 1.2 | 66 | 79.2 | 13.4 | 7.2 | 23 | yes | 120 |
| 5/09/16 | 1.2 | 66 | 79.2 | 11.8 | 7.2 | 23 | yes | 100 |
| 6/10/17 | 1.2 | 66 | 79.2 | 12.5 | 7.1 | 23 | yes | 110 |
| 7/06/56 | 1.2 | 66 | 79.2 | 12.7 | 7.2 | 23 | yes | 100 |
| 8/09/39 | 1.2 | 66 | 79.2 | 12.0 | 7.2 | 23 | yes | 110 |
| 9/10/23 | 1.2 | 66 | 79.2 | 12.4 | 7.1 | 23 | yes | 150 |
| 10/3/20 | 1.2 | 66 | 79.2 | 11.7 | 7.1 | 23 | yes | 180 |
| 11/2/11 | 1.1 | 66 | 79.1 | 13.0 | 7.1 | 23 | yes | 340 |
| 12/09/53 | 1.1 | 66 | 72.6 | 13.1 | 7.3 | 23 | yes | 130 |
| 13/08/26 | 1.0 | 66 | 66 | 13.9 | 7.3 | 22 | yes | 160 |
| 14/09/52 | 1.0 | 66 | 66 | 12.8 | 7.3 | 22 | yes | 100 |
| 15/14/53 | 1.0 | 66 | 66 | 12.4 | 7.3 | 22 | yes | 150 |
| 16/14/00 | 1.0 | 66 | 66 | 12.9 | 7.3 | 22 | yes | 150 |
| 17/10/38 | 1.0 | 66 | 66 | 13.2 | 7.3 | 22 | yes | 170 |
| 18/9/00 | 1.0 | 66 | 66 | 11.9 | 7.3 | 22 | yes | 150 |
| 19/11/43 | 1.0 | 66 | 66 | 10.4 | 7.3 | 22 | yes | 150 |
| 20/14/00 | 1.0 | 66 | 66 | 10.0 | 7.3 | 22 | yes | 150 |
| 21/09/42 | 1.0 | 66 | 66 | 9.7 | 7.4 | 30 | yes | 150 |
| 22/11/41 | 1.0 | 66 | 66 | 10.7 | 7.3 | 22 | yes | 150 |
| 23/8/12 | 1.0 | 66 | 66 | 11.6 | 7.2 | 22 | yes | 170 |
| 24/05/26 | 1.14 | 66 | 67 | 13.5 | 7.3 | 23 | yes | 2300 |
| 25/04/30 | 1.16 | 66 | 67 | 13.7 | 7.3 | 23 | yes | 240 |
| 26/11/08 | 1.16 | 66 | 67 | 12.6 | 7.4 | 23 | yes | 200 |
| 27/08/20 | 1.17 | 66 | 77.2 | 12.9 | 7.3 | 23 | yes | 200 |
| 28/10/39 | 1.2 | 66 | 79.2 | 13.0 | 7.3 | 23 | yes | 150 |
| 29/8/00 | 1.2 | 66 | 79.2 | 13.8 | 7.3 | 23 | yes | 150 |
| 30/09/00 | 1.1 | 66 | 72.6 | 13.9 | 7.2 | 23 | yes | 150 |
| 31/ | | | | | | | | |

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours Revised September 2016
 Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf

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