

OHA - Drinking Water Program -Turbidity Monitoring Report Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: **Lane**
 Month/Year: **Oct-23**

System Name: **Mapleton Water District** ID#: **41 00507** WTP : **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 | 0.100 | 0.080 | 0.100 | 0.080 | 0.080 | 0.080 | 0.100 |
| 2 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 |
| 3 | 0.080 | 0.080 | 0.060 | 0.060 | 0.060 | 0.060 | 0.080 |
| 4 | 0.060 | 0.100 | 0.080 | 0.080 | 0.080 | 0.080 | 0.100 |
| 5 | 0.100 | 0.100 | 0.060 | 0.080 | 0.060 | 0.060 | 0.080 |
| 6 | 0.060 | 0.060 | 0.060 | 0.080 | 0.060 | 0.060 | 0.080 |
| 7 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 |
| 8 | 0.100 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.100 |
| 9 | 0.100 | 0.060 | OFF | OFF | 0.060 | 0.060 | 0.100 |
| 10 | 0.100 | 0.100 | 0.030 | 5.030 | 0.060 | OFF | 0.100 |
| 11 | OFF | OFF | OFF | 0.060 | 0.060 | OFF | 0.060 |
| 12 | 0.030 | 0.080 | 0.030 | 0.040 | 0.050 | 0.030 | 0.080 |
| 13 | 0.030 | 0.070 | 0.030 | 0.030 | 0.030 | 0.030 | 0.070 |
| 14 | 0.030 | 0.030 | 0.030 | 0.030 | OFF | 0.030 | 0.030 |
| 15 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 |
| 16 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 |
| 17 | 0.030 | 0.030 | 0.030 | 0.030 | 0.260 | 0.260 | 0.030 |
| 18 | 0.030 | 0.030 | 0.260 | 0.260 | 0.260 | 0.260 | 0.030 |
| 19 | 0.260 | 0.260 | 0.260 | 0.260 | 0.300 | 0.400 | 0.070 |
| 20 | 0.050 | 0.060 | 0.060 | 0.070 | 0.300 | 0.260 | 0.070 |
| 21 | 0.260 | 0.260 | OFF | 0.260 | 0.260 | 0.260 | 0.260 |
| 22 | 0.250 | 0.240 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 |
| 23 | 0.260 | 0.250 | 0.250 | 0.250 | 0.250 | 0.750 | 0.750 |
| 24 | 0.250 | 0.250 | 0.250 | 0.260 | 0.220 | 0.270 | 0.270 |
| 25 | 0.240 | 0.220 | 0.250 | 0.220 | 0.200 | 0.200 | 0.250 |
| 26 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 |
| 27 | 0.200 | 0.210 | 0.200 | 0.200 | 0.200 | 0.200 | 0.210 |
| 28 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 |
| 29 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 |
| 30 | 0.200 | 0.200 | 0.200 | 0.400 | 0.200 | 0.200 | 0.400 |
| 31 | 0.230 | 0.240 | 0.220 | 0.220 | 0.220 | 0.200 | 0.240 |

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

| | | |
|---------------|---------------------------------------|----------------------|
| Notes: | PRINTED NAME: David R Terrusa | |
| | SIGNATURE: /S/ David R Terrusa | DATE: 10/9/23 |
| | PHONE #: 541-253-7556 | CERT #: 6903 |

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

WTP - : WTP-D

System Name: Mapleton Water District ID#: 41 00507

Month/Year: Sep-23

Disinfection
Giardia Log
Inactiv:

0.5

| Date | Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT C x T | Temp | pH | Required CT | CT Met? ³ Yes or No | Peak Hourly Demand Flow |
|------|----------|---|------------------|-----------------|-------|-----|-------------|--------------------------------|-------------------------|
| | | [ppm or mg/L] | [minutes] | formula | [° C] | | formula | formula | [GPM] |
| 1 | 10:00 AM | 1.6 | 70 | 112.0 | 13.3 | 8.7 | 31.0 | Yes | 150 |
| 2 | 10:00 AM | 1.62 | 70 | 113.4 | 13.1 | 8.8 | 31.9 | Yes | 150 |
| 3 | 10:00 AM | 1.61 | 70 | 112.7 | 12.8 | 8.8 | 32.6 | Yes | 150 |
| 4 | 10:00 AM | 1.59 | 70 | 111.3 | 12.8 | 8.8 | 32.3 | Yes | 150 |
| 5 | 10:00 AM | 1.6 | 70 | 112.0 | 13.0 | 8.7 | 31.7 | Yes | 150 |
| 6 | 10:00 AM | 1.63 | 70 | 114.1 | 13.2 | 8.7 | 31.0 | Yes | 150 |
| 7 | 10:00 AM | 1.61 | 70 | 112.7 | 13.1 | 8.7 | 31.4 | Yes | 150 |
| 8 | 10:00 AM | 1.59 | 70 | 111.3 | 13.4 | 8.3 | 26.0 | Yes | 150 |
| 9 | 10:00 AM | 1.63 | 70 | 114.1 | 12.8 | 8.7 | 32.1 | Yes | 150 |
| 10 | 10:00 AM | 1.62 | 70 | 113.4 | 12.1 | 8.8 | 33.5 | Yes | 150 |
| 11 | 10:00 AM | 1.61 | 70 | 112.7 | 12.6 | 8.8 | 33.0 | Yes | 150 |
| 12 | 10:00 AM | 1.6 | 70 | 112.0 | 12.8 | 8.6 | 30.1 | Yes | 150 |
| 13 | 10:00 AM | 1.64 | 70 | 114.8 | 11.9 | 8.8 | 34.3 | Yes | 150 |
| 14 | 10:00 AM | 1.59 | 70 | 111.3 | 12.1 | 8.8 | 33.9 | Yes | 150 |
| 15 | 10:00 AM | 1.61 | 70 | 112.7 | 12.6 | 8.8 | 33.4 | Yes | 150 |
| 16 | 10:00 AM | 1.6 | 70 | 112.0 | 12.6 | 8.8 | 33.6 | Yes | 150 |
| 17 | 10:00 AM | 1.62 | 70 | 113.4 | 12.4 | 8.8 | 33.6 | Yes | 150 |
| 18 | 10:00 AM | 1.58 | 70 | 110.6 | 12.9 | 8.3 | 26.7 | Yes | 150 |
| 19 | 10:00 AM | 1.54 | 70 | 107.8 | 12.3 | 8.8 | 33.4 | Yes | 150 |
| 20 | 10:00 AM | 1.58 | 70 | 110.6 | 12.2 | 8.6 | 31.8 | Yes | 150 |
| 21 | 10:00 AM | 1.63 | 70 | 114.1 | 12.1 | 8.7 | 33.3 | Yes | 150 |
| 22 | 10:00 AM | CIP | 70 | #VALUE! | CIP | CIP | #VALUE! | #VALUE! | 150 |
| 23 | 10:00 AM | 1.84 | 70 | 128.8 | 12.1 | 8.3 | 29.2 | Yes | 150 |
| 24 | 10:00 AM | 1.76 | 70 | 123.2 | 11.1 | 8.8 | 37.1 | Yes | 150 |
| 25 | 10:00 AM | 1.55 | 70 | 108.5 | 11.2 | 8.8 | 36.2 | Yes | 150 |
| 26 | 10:00 AM | 1.49 | 70 | 104.3 | 10.5 | 8.8 | 37.2 | Yes | 150 |
| 27 | 10:00 AM | 1.21 | 70 | 84.7 | 10.0 | 8.7 | 36.9 | Yes | 150 |
| 28 | 10:00 AM | 1.06 | 70 | 74.2 | 10.8 | 8.7 | 33.6 | Yes | 150 |
| 29 | 10:00 AM | 0.513 | 70 | 35.9 | 11.4 | 8.7 | 30.9 | Yes | 150 |
| 30 | 10:00 AM | 0.477 | 70 | 33.4 | 11.4 | 8.7 | 30.8 | Yes | 150 |
| 31 | 10:00 AM | 0.445 | 70 | 31.2 | 11.1 | 8.8 | 31.8 | No | 150 |

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

Revised October 2013