


OHA - Drinking Waer Program – Turbidity Monitoring Report Form County: Columbia
Cartridge or Bag Filtration

System Name: Marshland Water Association ID #: OR4101449 STP: WTP-B 1-Oct

| DAY | PSI Before Filter | PSI After Filter | PSID | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the Day ¹ [NTU] |
|-----|-------------------|------------------|--------|----------------------------|-------------------------------|---|
| 1 | 75.000 | 75.000 | 0.000 | 25.000 | 0.220 | 0.220 |
| 2 | 76.000 | 76.000 | 0.000 | 25.000 | 0.190 | 0.190 |
| 3 | 77.000 | 76.000 | 1.000 | 25.000 | 0.180 | 0.180 |
| 4 | 77.000 | 75.000 | 2.000 | 25.000 | 0.180 | 0.180 |
| 5 | 78.000 | 75.000 | 3.000 | 25.000 | 0.170 | 0.170 |
| 6 | 78.000 | 75.000 | 3.000 | 25.000 | 0.160 | 0.160 |
| 7 | 78.000 | 74.000 | 4.000 | 25.000 | 0.160 | 0.170 |
| 8 | 79.000 | 74.000 | 5.000 | 25.000 | 0.170 | 0.170 |
| 9 | 80.000 | 74.000 | 6.000 | 25.000 | 0.170 | 0.170 |
| 10 | 80.000 | 73.000 | 7.000 | 25.000 | 0.170 | 0.180 |
| 11 | 81.000 | 73.000 | 8.000 | 25.000 | 0.180 | 0.180 |
| 12 | 82.000 | 73.000 | 9.000 | 25.000 | 0.180 | 0.180 |
| 13 | 82.000 | 72.000 | 10.000 | 25.000 | 0.180 | 0.180 |
| 14 | 82.000 | 71.000 | 11.000 | 25.000 | 0.180 | 0.180 |
| 15 | 83.000 | 71.000 | 12.000 | 25.000 | 0.180 | 0.180 |
| 16 | 83.000 | 70.000 | 13.000 | 25.000 | 0.180 | 0.180 |
| 17 | 84.000 | 70.000 | 14.000 | 25.000 | 0.180 | 0.220 |
| 18 | 84.000 | 68.000 | 16.000 | 25.000 | 0.220 | 0.220 |
| 19 | 84.000 | 67.000 | 17.000 | 25.000 | 0.210 | 0.210 |
| 20 | 85.000 | 67.000 | 18.000 | 25.000 | 0.210 | 0.230 |
| 21 | 86.000 | 67.000 | 19.000 | 25.000 | 0.230 | 0.250 |
| 22 | 86.000 | 66.000 | 20.000 | 25.000 | 0.250 | 0.250 |
| 23 | 86.000 | 64.000 | 22.000 | 25.000 | 0.250 | 0.310 |
| 24 | 87.000 | 64.000 | 23.000 | 25.000 | 0.310 | 0.310 |
| 25 | 88.000 | 63.000 | 25.000 | 25.000 | 0.250 | 0.250 |
| 26 | DNR | DNR | DNR | 25.000 | DNR | DNR |
| 27 | 76.000 | 76.000 | 0.000 | 25.000 | 0.150 | 0.150 |
| 28 | 77.000 | 76.000 | 1.000 | 25.000 | 0.150 | 0.150 |
| 29 | DNR | DNR | DNR | 25.000 | DNR | DNR |
| 30 | 77.000 | 75.000 | 2.000 | 25.000 | 0.300 | 0.340 |
| 31 | 77.000 | 74.000 | 3.000 | 25.000 | 0.260 | 0.260 |

| | | |
|--|--|---|
| Cartridge Filtration | Monthly Summary (Answer Yes or No) | |
| 95% of turbidity readings \leq 1 NTU ? <input checked="" type="radio"/> Yes <input type="radio"/> No | CT's met everyday ? <input checked="" type="radio"/> Yes <input type="radio"/> No | All Cl2 residual at entry point \geq 0.2 mg/l ? <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Notes: PSI = pounds per square inch PSID = pounds per square inch difference (before filter – after filter) PSID Whento Change Filter = Manufacturer's recommendation: my need to look in manual for manufacturer's specifications when to change the filter, at what PSID. | Printed Name: Micah Olson | |
| | Signature:  | Date: 11-7-2021 |
| | Phone number: (971)563-3128 | CERT # 3794 |

DHS - Drinking Water Program - Surface Water Quality Data Form
System Name: Marshland Water Association

ID#: 4101449

1-Oct

| Date | Time AM/PM | Min Cl ₂ Residual at 1 st User | Contact time Time (T) | Actual CT | Temp | pH | Required CT | CT Met ² | Peak Hourly Demand Flow |
|------|---------------|---|--------------------------|--------------|-------|------|----------------|------------------------|-------------------------------|
| | | [ppm or mg/l] | [minutes] | C x T | [°C] | | Tables | Yes/No | [GPM] |
| 1 | 6:30 PM | 0.30 | 144 | 43.2 | 13.90 | 7.00 | 42 | yes | 8 |
| 2 | 6:30 PM | 0.50 | 144 | 72.0 | 13.70 | 7.10 | 43 | yes | 8 |
| 3 | 6:30 PM | 0.60 | 144 | 86.4 | 13.30 | 7.10 | 43 | yes | 8 |
| 4 | 6:30 PM | 0.60 | 144 | 86.4 | 13.30 | 7.00 | 43 | yes | 6 |
| 5 | 6:30 PM | 0.60 | 144 | 86.4 | 13.30 | 7.00 | 43 | yes | 4 |
| 6 | 6:30 PM | 0.50 | 144 | 72.0 | 13.20 | 7.10 | 43 | yes | 5 |
| 7 | 6:30 PM | 0.50 | 144 | 72.0 | 12.60 | 7.20 | 43 | yes | 6 |
| 8 | 8:30 PM | 0.50 | 144 | 72.0 | 12.10 | 7.10 | 43 | yes | 6 |
| 9 | 6:30 PM | 0.50 | 144 | 72.0 | 12.00 | 7.10 | 43 | yes | 7 |
| 10 | 6:30 PM | 0.50 | 144 | 72.0 | 12.00 | 7.00 | 36 | yes | 8 |
| 11 | 6:30 PM | 0.50 | 144 | 72.0 | 11.50 | 7.10 | 43 | yes | 6 |
| 12 | 6:30 PM | 0.50 | 144 | 72.0 | 11.00 | 7.10 | 43 | yes | 5 |
| 13 | 6:30 PM | 0.40 | 144 | 57.6 | 11.20 | 7.10 | 42 | yes | 8 |
| 14 | 6:30 PM | 0.30 | 144 | 43.2 | 11.00 | 7.10 | 42 | yes | 5 |
| 15 | 6:30 PM | 0.40 | 144 | 57.6 | 11.30 | 7.10 | 42 | yes | 5 |
| 16 | 6:30 PM | 0.50 | 144 | 72.0 | 11.60 | 7.00 | 36 | yes | 6 |
| 17 | 6:30 PM | 0.50 | 144 | 72.0 | 11.60 | 7.00 | 36 | yes | 5 |
| 18 | 6:30 PM | 0.50 | 144 | 72.0 | 11.50 | 7.00 | 36 | yes | 6 |
| 19 | 6:30 PM | 0.50 | 144 | 72.0 | 11.20 | 7.00 | 36 | yes | 5 |
| 20 | 5:30 PM | 0.40 | 144 | 57.6 | 11.40 | 7.00 | 35 | yes | 7 |
| 21 | 6:30 PM | 0.40 | 144 | 57.6 | 11.50 | 7.00 | 35 | yes | 8 |
| 22 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 9 |
| 23 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 5 |
| 24 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 6 |
| 25 | 6:30 PM | 0.30 | 144 | 43.2 | 11.50 | 6.90 | 35 | yes | 5 |
| 26 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 4 |
| 27 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 5 |
| 28 | 6:30 PM | 0.30 | 144 | 43.2 | 11.70 | 6.90 | 35 | yes | 5 |
| 29 | 6:30 PM | 0.30 | 144 | 43.2 | 11.60 | 6.90 | 35 | yes | 4 |
| 30 | 6:30 PM | 0.40 | 144 | 57.6 | 11.20 | 6.90 | 35 | yes | 6 |
| 31 | 6:30 PM | 0.40 | 144 | 57.6 | 10.60 | 6.90 | 35 | yes | 5 |

² If Cl₂ at entry point < 0.2 mg/l, or CT not met, notify DWP by the end of the next business day.