

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Columbia**

Cartridge or Bag Filtration

Month/Year: **Sep-24**

| System Name: | Marshland | | ID#: | 41 01449 | WTP ID: | TP- | A |
|--------------|-------------------|------------------|-------|----------------------------|-------------------------------|------------------------------------|---|
| Day | PSI Before Filter | PSI After Filter | PSID | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the day * [NTU] | |
| 1 | 81.00 | 69.00 | 12.00 | 25.0 | 0.15 | 0.15 | |
| 2 | 81.00 | 69.00 | 12.00 | 25.0 | 0.15 | 0.15 | |
| 3 | 81.00 | 69.00 | 12.00 | 25.0 | 0.15 | 0.15 | |
| 4 | 82.00 | 69.00 | 13.00 | 25.0 | 0.15 | 0.15 | |
| 5 | 82.00 | 69.00 | 13.00 | 25.0 | 0.16 | 0.16 | |
| 6 | 82.00 | 68.00 | 14.00 | 25.0 | 0.16 | 0.16 | |
| 7 | 82.00 | 68.00 | 14.00 | 25.0 | 0.15 | 0.15 | |
| 8 | 82.00 | 68.00 | 14.00 | 25.0 | 0.15 | 0.16 | |
| 9 | 82.00 | 67.00 | 15.00 | 25.0 | 0.15 | 0.15 | |
| 10 | 82.00 | 67.00 | 15.00 | 25.0 | 0.15 | 0.15 | |
| 11 | 83.00 | 67.00 | 16.00 | 25.0 | 0.15 | 0.16 | |
| 12 | 83.00 | 67.00 | 16.00 | 25.0 | 0.16 | 0.16 | |
| 13 | 84.00 | 67.00 | 17.00 | 25.0 | 0.16 | 0.16 | |
| 14 | 84.00 | 66.00 | 18.00 | 25.0 | 0.16 | 0.16 | |
| 15 | 84.00 | 66.00 | 18.00 | 25.0 | 0.16 | 0.16 | |
| 16 | 84.00 | 66.00 | 18.00 | 25.0 | 0.16 | 0.16 | |
| 17 | 84.00 | 66.00 | 18.00 | 25.0 | 0.16 | 0.16 | |
| 18 | 84.00 | 65.00 | 19.00 | 25.0 | 0.16 | 0.16 | |
| 19 | 84.00 | 65.00 | 19.00 | 25.0 | 0.16 | 0.16 | |
| 20 | 84.00 | 65.00 | 19.00 | 25.0 | 0.16 | 0.16 | |
| 21 | 85.00 | 65.00 | 20.00 | 25.0 | 0.16 | 0.16 | |
| 22 | 85.00 | 65.00 | 20.00 | 25.0 | 0.16 | 0.16 | |
| 23 | 85.00 | 64.00 | 21.00 | 25.0 | 0.17 | 0.17 | |
| 24 | 85.00 | 64.00 | 21.00 | 25.0 | 0.17 | 0.17 | |
| 25 | DNR | DNR | DNR | 25.0 | DNR | DNR | |
| 26 | DNR | DNR | DNR | 25.0 | DNR | DNR | |
| 27 | DNR | DNR | DNR | 25.0 | DNR | DNR | |
| 28 | DNR | DNR | DNR | 25.0 | DNR | DNR | |
| 29 | 87.00 | 62.00 | 25.00 | 25.0 | 0.17 | 0.18 | |
| 30 | 78.00 | 70.00 | 8.00 | 25.0 | 0.18 | 0.18 | |

| Cartridge & Bag Filtration | Monthly Summary (Answer Yes or No) | |
|--|---|---|
| 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No | CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No | All Cl ₂ residual at entry point ≥ 0.2 mg/L? <input checked="" type="radio"/> Yes <input type="radio"/> No |
| All daily turbidity readings ≤ 5 NTU? <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 When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID. | PRINTED NAME: MICAH OLSON | |
| | SIGNATURE: <i>Micah Olson</i> | DATE: 10-8-2024 |
| | PHONE #: (971) 563-3128 | CERT #: 3784 |

* Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : **A**

| | | | |
|-------------------------------|----------------------|---------------------------|--|
| System Name: Marshland | ID#: 41 01449 | Month/Year: Sep-24 | Giardia Log Inactivation Req'd: 1.0 |
|-------------------------------|----------------------|---------------------------|--|

| Date / Time | Minimum Cl ₂ Residual at 1 st User (C) [⊖] | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? [⊖] | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|-------|------|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 0.32 | 144 | 46.1 | 15.1 | 6.80 | 23.2 | YES | 8 |
| 2 | 0.34 | 144 | 49.0 | 15.6 | 6.80 | 22.5 | YES | 5 |
| 3 | 0.34 | 144 | 49.0 | 15.7 | 6.80 | 22.4 | YES | 7 |
| 4 | 0.33 | 144 | 47.5 | 16.0 | 6.90 | 22.7 | YES | 4 |
| 5 | 0.4 | 144 | 57.6 | 16.4 | 6.80 | 21.5 | YES | 4 |
| 6 | 0.45 | 144 | 64.8 | 16.8 | 6.80 | 21.0 | YES | 4 |
| 7 | 0.54 | 144 | 77.8 | 17.0 | 6.80 | 21.0 | YES | 6 |
| 8 | 0.53 | 144 | 76.3 | 17.2 | 6.80 | 20.7 | YES | 5 |
| 9 | 0.51 | 144 | 73.4 | 17.1 | 6.80 | 20.7 | YES | 4 |
| 10 | 0.5 | 144 | 72.0 | 16.7 | 6.80 | 21.3 | YES | 4 |
| 11 | 0.48 | 144 | 69.1 | 16.2 | 6.80 | 22.0 | YES | 3 |
| 12 | 0.47 | 144 | 67.7 | 15.9 | 6.90 | 23.2 | YES | 4 |
| 13 | 0.44 | 144 | 63.4 | 15.6 | 6.90 | 23.6 | YES | 5 |
| 14 | 0.42 | 144 | 60.5 | 15.5 | 6.90 | 23.7 | YES | 4 |
| 15 | 0.42 | 144 | 60.5 | 15.4 | 6.90 | 23.9 | YES | 4 |
| 16 | 0.43 | 144 | 61.9 | 15.3 | 6.90 | 24.1 | YES | 3 |
| 17 | 0.44 | 144 | 63.4 | 15.2 | 6.80 | 23.4 | YES | 5 |
| 18 | 0.45 | 144 | 64.8 | 15.1 | 6.90 | 24.5 | YES | 5 |
| 19 | 0.47 | 144 | 67.7 | 15.0 | 6.90 | 24.7 | YES | 3 |
| 20 | 0.49 | 144 | 70.6 | 14.9 | 6.90 | 24.9 | YES | 5 |
| 21 | 0.51 | 144 | 73.4 | 14.8 | 6.90 | 25.1 | YES | 3 |
| 22 | 0.53 | 144 | 76.3 | 14.7 | 6.90 | 25.4 | YES | 5 |
| 23 | 0.5 | 144 | 72.0 | 14.6 | 6.90 | 25.5 | YES | 5 |
| 24 | 0.46 | 144 | 66.2 | 14.8 | 6.80 | 24.1 | YES | 3 |
| 25 | 0.42 | 144 | 60.5 | 14.8 | 6.80 | 24.0 | YES | F |
| 26 | 0.4 | 144 | 57.6 | 15.0 | 6.80 | 23.6 | YES | F |
| 27 | 0.34 | 144 | 49.0 | 15.1 | 6.80 | 23.3 | YES | F |
| 28 | 0.32 | 144 | 46.1 | 15.0 | 6.80 | 23.4 | YES | F |
| 29 | 0.64 | 144 | 92.2 | 14.1 | 6.80 | 25.8 | YES | 4 |
| 30 | 0.64 | 144 | 92.2 | 13.0 | 6.80 | 27.7 | YES | 3 |

[⊖] If Cl₂ at entry point < 0.2 mg/L or CT not met, notify DWS within 24 hours.

Revised July 2016

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