

## OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Columbia**

## Cartridge or Bag Filtration

Month/Year: **Oct-25**

| System Name: <b>Marshland</b> |                   | ID#: <b>41</b>   | <b>01449</b> | WTP ID: <b>TP-</b>         | <b>A</b>                      |                                    |
|-------------------------------|-------------------|------------------|--------------|----------------------------|-------------------------------|------------------------------------|
| Day                           | PSI Before Filter | PSI After Filter | PSID         | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the day ♦ [NTU] |
| 1                             | 77.00             | 67.00            | 10.00        | 25.0                       | 0.06                          | 0.07                               |
| 2                             | 77.00             | 67.00            | 10.00        | 25.0                       | 0.05                          | 0.06                               |
| 3                             | 77.00             | 67.00            | 10.00        | 25.0                       | 0.05                          | 0.05                               |
| 4                             | 78.00             | 67.00            | 11.00        | 25.0                       | 0.05                          | 0.05                               |
| 5                             | 79.00             | 67.00            | 12.00        | 25.0                       | 0.04                          | 0.05                               |
| 6                             | 79.00             | 66.00            | 13.00        | 25.0                       | 0.05                          | 0.05                               |
| 7                             | 80.00             | 66.00            | 14.00        | 25.0                       | 0.05                          | 0.05                               |
| 8                             | 81.00             | 66.00            | 15.00        | 25.0                       | 0.05                          | 0.05                               |
| 9                             | 83.00             | 66.00            | 17.00        | 25.0                       | 0.05                          | 0.05                               |
| 10                            | 84.00             | 65.00            | 19.00        | 25.0                       | 0.05                          | 0.05                               |
| 11                            | 87.00             | 65.00            | 22.00        | 25.0                       | 0.04                          | 0.05                               |
| 12                            | 86.00             | 65.00            | 23.00        | 25.0                       | 0.05                          | 0.05                               |
| 13                            | 88.00             | 64.00            | 24.00        | 25.0                       | 0.04                          | 0.05                               |
| 14                            | 89.00             | 64.00            | 25.00        | 25.0                       | 0.04                          | 0.04                               |
| 15                            | 78.00             | 73.00            | 5.00         | 25.0                       | 0.04                          | 0.05                               |
| 16                            | 78.00             | 73.00            | 5.00         | 25.0                       | 0.05                          | 0.06                               |
| 17                            | 79.00             | 73.00            | 6.00         | 25.0                       | 0.04                          | 0.05                               |
| 18                            | 79.00             | 72.00            | 7.00         | 25.0                       | 0.04                          | 0.05                               |
| 19                            | 80.00             | 72.00            | 8.00         | 25.0                       | 0.05                          | 0.06                               |
| 20                            | 80.00             | 72.00            | 8.00         | 25.0                       | 0.06                          | 0.06                               |
| 21                            | 80.00             | 72.00            | 8.00         | 25.0                       | 0.05                          | 0.06                               |
| 22                            | 81.00             | 72.00            | 9.00         | 25.0                       | 0.05                          | 0.05                               |
| 23                            | 81.00             | 72.00            | 9.00         | 25.0                       | 0.05                          | 0.06                               |
| 24                            | DNR               | DNR              | DNR          | 25.0                       | DNR                           | DNR                                |
| 25                            | DNR               | DNR              | DNR          | 25.0                       | DNR                           | DNR                                |
| 26                            | 82.00             | 70.00            | 12.00        | 25.0                       | 0.08                          | 0.08                               |
| 27                            | 83.00             | 70.00            | 13.00        | 25.0                       | 0.07                          | 0.08                               |
| 28                            | 84.00             | 70.00            | 14.00        | 25.0                       | 0.06                          | 0.08                               |
| 29                            | 84.00             | 69.00            | 15.00        | 25.0                       | 0.06                          | 0.07                               |
| 30                            | 85.00             | 68.00            | 17.00        | 25.0                       | 0.05                          | 0.05                               |
| 31                            | 87.00             | 67.00            | 20.00        | 25.0                       | 0.04                          | 0.05                               |

| Cartridge & Bag Filtration                                                                                                                                                                                                                                    |                                                                     | Monthly Summary (Answer Yes or No)                                                                                                                    |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 95% of daily turbidity readings ≤ 1 NTU?                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | CT's met everyday? (see back)                                                                                                                         | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/L?             |
| All daily turbidity readings ≤ 5 NTU?                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Notes: PSI = pounds per square inch</b><br><b>PSID = pounds per square inch difference (before filter - after filter)</b><br><b>PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.</b> |                                                                     | <b>PRINTED NAME:</b> Micah Olson<br><b>SIGNATURE:</b> <i>Micah Olson</i> <b>DATE:</b> 11/8/25<br><b>PHONE #:</b> ( 971 ) 563-3128 <b>CERT #:</b> 3794 |                                                                     |

♦ 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:

Oct-25

Giardia Log  
Inactivation Req'd:

1.0

| Date / Time | Minimum Cl <sub>2</sub><br>Residual at 1 <sup>st</sup><br>User ( C ) <sup>Ⓔ</sup> | Contact Time<br>(T) | Actual CT | Temp  | pH   | Required CT | CT Met? <sup>Ⓔ</sup> | Peak<br>Hourly<br>Demand<br>Flow |
|-------------|-----------------------------------------------------------------------------------|---------------------|-----------|-------|------|-------------|----------------------|----------------------------------|
|             | [ppm or mg/L]                                                                     | [minutes]           | C X T     | [° C] |      | formula     | Yes / No             | [GPM]                            |
| 1           | 0.32                                                                              | 144                 | 46.1      | 14.2  | 7.53 | 32.4        | YES                  | 6                                |
| 2           | 0.34                                                                              | 144                 | 49.0      | 14.1  | 7.54 | 32.8        | YES                  | 7                                |
| 3           | 0.45                                                                              | 144                 | 64.8      | 13.8  | 7.66 | 35.4        | YES                  | 7                                |
| 4           | 0.47                                                                              | 144                 | 67.7      | 13.9  | 7.63 | 34.9        | YES                  | 7                                |
| 5           | 0.49                                                                              | 144                 | 70.6      | 14.0  | 7.58 | 34.1        | YES                  | 14                               |
| 6           | 0.56                                                                              | 144                 | 80.6      | 13.8  | 7.58 | 34.8        | YES                  | 8                                |
| 7           | 0.61                                                                              | 144                 | 87.8      | 13.7  | 7.59 | 35.4        | YES                  | 6                                |
| 8           | 0.68                                                                              | 144                 | 97.9      | 13.5  | 7.57 | 35.9        | YES                  | 6                                |
| 9           | 0.66                                                                              | 144                 | 95.0      | 13.3  | 7.57 | 36.2        | YES                  | 7                                |
| 10          | 0.6                                                                               | 144                 | 86.4      | 13.1  | 7.58 | 36.6        | YES                  | 6                                |
| 11          | 0.55                                                                              | 144                 | 79.2      | 13.0  | 7.58 | 36.7        | YES                  | 7                                |
| 12          | 0.5                                                                               | 144                 | 72.0      | 12.8  | 7.59 | 37.1        | YES                  | 12                               |
| 13          | 0.46                                                                              | 144                 | 66.2      | 12.6  | 7.62 | 37.8        | YES                  | 6                                |
| 14          | 0.33                                                                              | 144                 | 47.5      | 11.9  | 7.63 | 39.4        | YES                  | 7                                |
| 15          | 0.35                                                                              | 144                 | 50.4      | 11.5  | 7.60 | 40.1        | YES                  | 6                                |
| 16          | 0.39                                                                              | 144                 | 56.2      | 11.1  | 7.58 | 41.0        | YES                  | 7                                |
| 17          | 0.38                                                                              | 144                 | 54.7      | 11.3  | 7.58 | 40.5        | YES                  | 7                                |
| 18          | 0.35                                                                              | 144                 | 50.4      | 11.5  | 7.57 | 39.7        | YES                  | 8                                |
| 19          | 0.33                                                                              | 144                 | 47.5      | 11.6  | 7.56 | 39.2        | YES                  | 7                                |
| 20          | 0.4                                                                               | 144                 | 57.6      | 11.6  | 7.57 | 39.6        | YES                  | 6                                |
| 21          | 0.44                                                                              | 144                 | 63.4      | 11.5  | 7.58 | 40.2        | YES                  | 7                                |
| 22          | 0.47                                                                              | 144                 | 67.7      | 11.5  | 7.59 | 40.5        | YES                  | 7                                |
| 23          | 0.44                                                                              | 144                 | 63.4      | 11.4  | 7.59 | 40.6        | YES                  | 7                                |
| 24          | 0.4                                                                               | 144                 | 57.6      | 11.4  | 7.58 | 40.3        | YES                  | 7                                |
| 25          | 0.37                                                                              | 144                 | 53.3      | 11.3  | 7.57 | 40.3        | YES                  | 6                                |
| 26          | 0.32                                                                              | 144                 | 46.1      | 11.3  | 7.57 | 40.1        | YES                  | 7                                |
| 27          | 0.33                                                                              | 144                 | 47.5      | 11.1  | 7.56 | 40.5        | YES                  | 7                                |
| 28          | 0.34                                                                              | 144                 | 49.0      | 10.8  | 7.55 | 41.2        | YES                  | 7                                |
| 29          | 0.34                                                                              | 144                 | 49.0      | 10.6  | 7.53 | 41.4        | YES                  | 7                                |
| 30          | 0.51                                                                              | 144                 | 73.4      | 10.6  | 7.52 | 42.1        | YES                  | 7                                |
| 31          | 0.67                                                                              | 144                 | 96.5      | 10.5  | 7.51 | 43.0        | YES                  | 9                                |

<sup>Ⓔ</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/L or CT not met, notify DWS within 24 hours.

Revised July 2018

Return by 10<sup>th</sup> 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