

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

County:

Lane

## Cartridge or Bag Filtration

Month/Year:

September 2025

| System Name: |                   | Fern Acres       |       | ID#:                       | 41                            | 01563                                         | WTP ID: | TP- |
|--------------|-------------------|------------------|-------|----------------------------|-------------------------------|-----------------------------------------------|---------|-----|
| Day          | PSI Before Filter | PSI After Filter | PSID  | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the day <sup>1</sup> [NTU] |         |     |
| 1            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.17                          | 0.17                                          |         |     |
| 2            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.17                          | 0.17                                          |         |     |
| 3            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.80                          | 0.80                                          |         |     |
| 4            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 5            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 6            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.11                          | 0.11                                          |         |     |
| 7            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.12                          | 0.12                                          |         |     |
| 8            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.12                          | 0.12                                          |         |     |
| 9            | 14.00             | 2.00             | 12.00 | 45.00                      | 0.28                          | 0.28                                          |         |     |
| 10           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.19                          | 0.19                                          |         |     |
| 11           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.16                          | 0.16                                          |         |     |
| 12           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.18                          | 0.18                                          |         |     |
| 13           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.13                          | 0.13                                          |         |     |
| 14           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.17                          | 0.17                                          |         |     |
| 15           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.17                          | 0.17                                          |         |     |
| 16           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.17                          | 0.17                                          |         |     |
| 17           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.14                          | 0.14                                          |         |     |
| 18           | 14.00             | 2.00             | 12.00 | 45.00                      | 0.14                          | 0.14                                          |         |     |
| 19           | 12.00             | 2.00             | 10.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 20           | 12.00             | 2.00             | 10.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 21           | 12.00             | 2.00             | 10.00 | 45.00                      | 0.13                          | 0.13                                          |         |     |
| 22           | 12.00             | 2.00             | 10.00 | 45.00                      | 0.13                          | 0.13                                          |         |     |
| 23           | 25.00             | 2.00             | 23.00 | 45.00                      | 0.14                          | 0.14                                          |         |     |
| 24           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 25           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.16                          | 0.16                                          |         |     |
| 26           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.12                          | 0.12                                          |         |     |
| 27           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.14                          | 0.14                                          |         |     |
| 28           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.15                          | 0.15                                          |         |     |
| 29           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.14                          | 0.14                                          |         |     |
| 30           | 23.00             | 2.00             | 21.00 | 45.00                      | 0.10                          | 0.10                                          |         |     |
|              |                   |                  |       |                            |                               |                                               |         |     |

| Cartridge & Bag Filtration               |          | Monthly Summary (Answer Yes or No) |                                             |
|------------------------------------------|----------|------------------------------------|---------------------------------------------|
| 95% of daily turbidity readings ≤ 1 NTU? | Yes / No | CT's met everyday?<br>(see back)   | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU?    | Yes / No | Yes / No                           | Yes / 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> Dan Reitz                                                                         |                     |
|                                                                                                                                                                                                                                                               | <b>SIGNATURE:</b>  | <b>10/8/2025</b>    |
|                                                                                                                                                                                                                                                               | <b>PHONE #:</b> ( 541) 342-1718                                                                        | <b>CERT #:</b> 6528 |

<sup>1</sup> 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: :

|              |            |         |       |             |                |                                             |   |
|--------------|------------|---------|-------|-------------|----------------|---------------------------------------------|---|
| System Name: | Fern Acres | ID#: 41 | 01563 | Month/Year: | September 2025 | Disinfection <i>Giardia</i><br>Log Inactiv: | 1 |
|--------------|------------|---------|-------|-------------|----------------|---------------------------------------------|---|

| Date / Time | Minimum Cl <sub>2</sub><br>Residual at 1st<br>User ( C ) <sup>2</sup> | Contact Time<br>(T) | Actual CT | Temp  | pH   | Required CT | CT Met? <sup>2</sup> | Peak<br>Hourly<br>Demand<br>Flow |
|-------------|-----------------------------------------------------------------------|---------------------|-----------|-------|------|-------------|----------------------|----------------------------------|
|             | [ppm or mg/L]                                                         | [minutes]           | C X T     | [° C] |      | formula     | Yes / No             | [GPM]                            |
| 1           | 0.57                                                                  | 130                 | 74.1      | 19.1  | 7.76 | 26.1        | YES                  | 18                               |
| 2           | 0.56                                                                  | 130                 | 72.8      | 17.6  | 7.68 | 28.0        | YES                  | 18                               |
| 3           | 0.53                                                                  | 130                 | 68.9      | 18.0  | 7.64 | 26.8        | YES                  | 18                               |
| 4           | 0.54                                                                  | 130                 | 70.2      | 17.5  | 7.67 | 28.0        | YES                  | 18                               |
| 5           | 0.63                                                                  | 130                 | 81.9      | 17.1  | 7.25 | 24.9        | YES                  | 18                               |
| 6           | 0.67                                                                  | 130                 | 87.1      | 17.5  | 7.46 | 26.3        | YES                  | 18                               |
| 7           | 0.68                                                                  | 130                 | 88.4      | 17.1  | 7.52 | 27.7        | YES                  | 18                               |
| 8           | 0.71                                                                  | 130                 | 92.3      | 16.9  | 7.59 | 28.9        | YES                  | 18                               |
| 9           | 0.85                                                                  | 130                 | 110.5     | 17.8  | 7.61 | 27.8        | YES                  | 18                               |
| 10          | 0.75                                                                  | 130                 | 97.5      | 17.3  | 7.48 | 27.1        | YES                  | 18                               |
| 11          | 0.8                                                                   | 130                 | 104.0     | 17.3  | 7.57 | 28.2        | YES                  | 18                               |
| 12          | 0.78                                                                  | 130                 | 101.4     | 17.6  | 7.59 | 27.8        | YES                  | 18                               |
| 13          | 0.58                                                                  | 130                 | 75.4      | 16.7  | 7.20 | 25.0        | YES                  | 18                               |
| 14          | 0.63                                                                  | 130                 | 81.9      | 17.3  | 7.38 | 25.8        | YES                  | 18                               |
| 15          | 0.62                                                                  | 130                 | 80.6      | 17.0  | 7.36 | 26.1        | YES                  | 18                               |
| 16          | 0.59                                                                  | 130                 | 76.7      | 16.6  | 7.38 | 26.9        | YES                  | 18                               |
| 17          | 0.84                                                                  | 130                 | 109.2     | 17.5  | 7.56 | 27.9        | YES                  | 18                               |
| 18          | 0.76                                                                  | 130                 | 98.8      | 16.8  | 7.45 | 27.8        | YES                  | 18                               |
| 19          | 0.77                                                                  | 130                 | 100.1     | 16.8  | 7.59 | 29.3        | YES                  | 18                               |
| 20          | 0.67                                                                  | 130                 | 87.1      | 16.1  | 7.06 | 24.9        | YES                  | 18                               |
| 21          | 0.72                                                                  | 130                 | 93.6      | 16.6  | 7.47 | 28.2        | YES                  | 18                               |
| 22          | 0.74                                                                  | 130                 | 96.2      | 16.7  | 7.58 | 29.3        | YES                  | 18                               |
| 23          | 0.73                                                                  | 130                 | 94.9      | 16.4  | 7.61 | 30.2        | YES                  | 18                               |
| 24          | 1.26                                                                  | 130                 | 163.8     | 17.7  | 7.71 | 30.5        | YES                  | 18                               |
| 25          | 1.15                                                                  | 130                 | 149.5     | 16.5  | 7.57 | 31.0        | YES                  | 18                               |
| 26          | 0.97                                                                  | 130                 | 126.1     | 15.6  | 7.25 | 28.6        | YES                  | 18                               |
| 27          | 1.15                                                                  | 130                 | 149.5     | 16.5  | 7.62 | 31.5        | YES                  | 18                               |
| 28          | 1.07                                                                  | 130                 | 139.1     | 16.6  | 7.51 | 29.8        | YES                  | 18                               |
| 29          | 1.03                                                                  | 130                 | 133.9     | 16.1  | 7.43 | 29.8        | YES                  | 18                               |
| 30          | 1.15                                                                  | 130                 | 149.5     | 15.5  | 7.64 | 34.0        | YES                  | 18                               |
| 31          | n/a                                                                   | n/a                 | n/a       | n/a   | n/a  | n/a         | n/a                  | n/a                              |

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

Revised November 2022

Return by 10th of following month by email, fax, or mail to:

dwp.dnce@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350